

Superlux®

Dear Friends and Partners,

Starting from a bachelor apartment just 30 years ago, the Superlux company is now a modern manufacturer occupying a 8.65-acre (350 Ares) site in the heart of Shanghai city. We do not stop there. We are currently building a brand new 57.66-acre (2333 Ares) facility in the Superlux industrial zone at Lan-Yuan port, China. This growth would not have been possible without the strong commitment throughout the years of you, our friends and partners. We cherish every opportunity when we can work together to bring the greatest products to the users. Value in Sound is our core belief, continually motivating us to go forward. Our best reward is to hear you say, "Wow, Superlux products are a really great value!" Then all our efforts have been worthwhile.

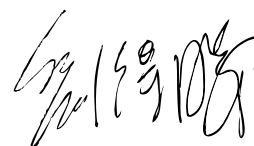
We insist on doing the right thing and doing it right from start to finish. We focus on electronic audio products, R&D and production. From the input to the output, from the microphones, amplifiers and headphones to the speakers, we have a very complete product line. Our strengths are a high production rate, a global hub logistics center and an ERP internal control system. Our management team integrates R&D, production, marketing and sales so we can always provide a total solution for our customers.

An important part of our R & D is Mr Pan Zheng Yuan who was invited to join the Superlux team in 1996. Mr. Pan is from a pioneering microphone family who successfully developed the first condenser microphone in China 60 years ago. Following in his father's footsteps, Mr. Pan has worked on developing electroacoustic products for 48 years and is a master technician who is truly passionate about his art. His expertise has proved invaluable and he is truly an inspiration to everybody in the R & D team at Superlux.

Superlux is a company who thinks highly of our employees' training and benefits. Through daily exercise, we motivate our people and grow together to create a strong team, one of the best in the industry. We have a very long vision for the electronic audio industry, and hope to create even more value for you, our friends and partners.

Your friend,

President David Liu



Shanghai Factory



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▲ For more information, please visit
www.superlux.com.tw



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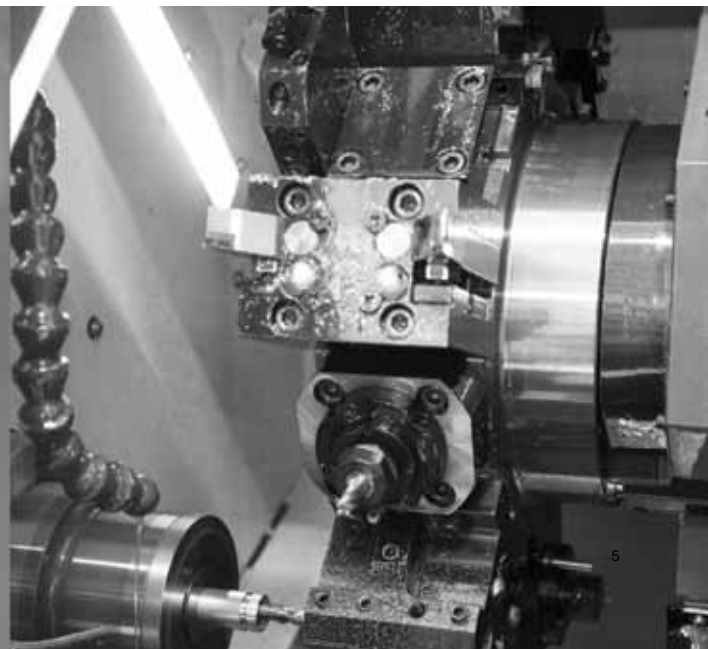
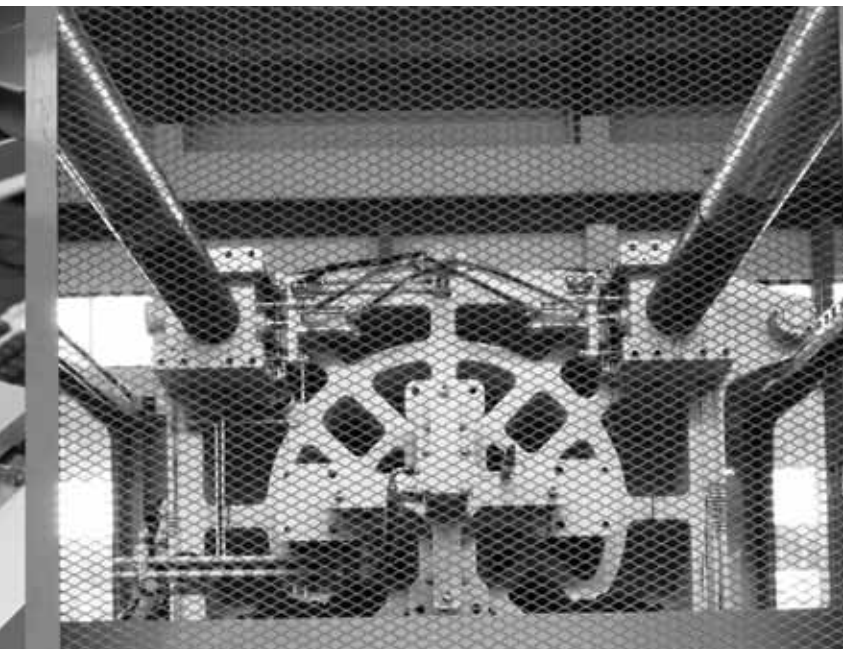
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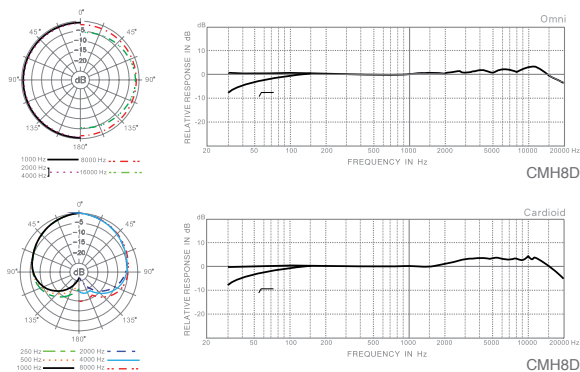
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Recording Broadcast USB Products

Recording Microphones



CMH8D CMH8G

Vacuum Tube Condenser, Large Diaphragm

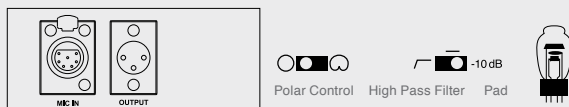
Studio / Classical Recording / Vocal / String / Acoustic Guitar / Piano / Brass / Woods / Percussion / Western and Eastern Instrument

This dual 1" large diaphragm, true condenser, low noise microphone is a valve amplifier design which provides exceptionally warm sound and accurate sound textures, making it ideal for creative audio applications. A Superlux valve microphone is the best choice for those who want that true tube sound.

- 1" gold-evaporated dual diaphragm
- Aluminum carrying case
- Champagne silver finish
- Specific power supply
- Valve amplifier design for true natural tube sound

CMH8D

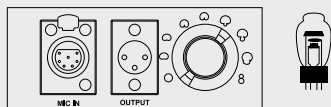
Dual diaphragm and switches between omni and cardioid directivity.



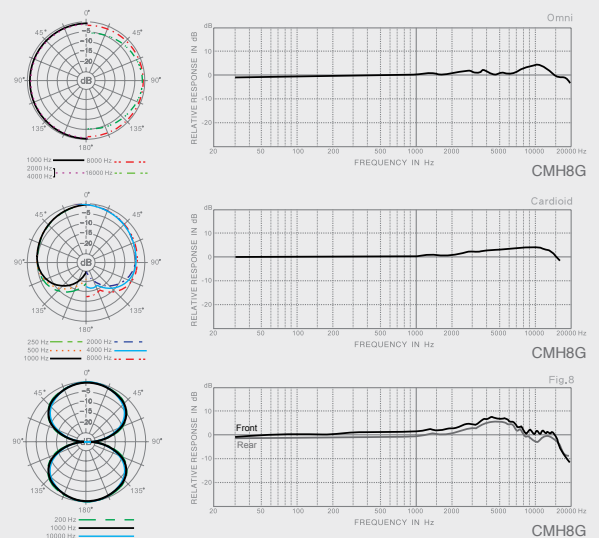
PS1 Power Supply for CMH8D

CMH8G

Dual diaphragm structure with remote 9 directivity variations.



PS3 Power Supply for CMH8G



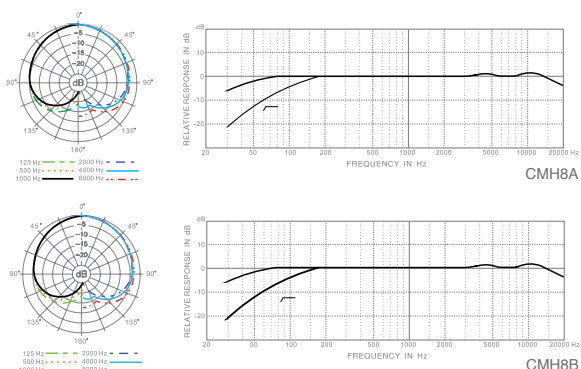
Specifications

	CMH8D	CMH8G
Model No.	CMH8D	CMH8G
Type	Vacuum tube true condenser, Ø1" (Ø25.4 mm) dual diaphragm	Vacuum tube true condenser, Ø1" (Ø25.4 mm) dual diaphragm
Polar Pattern	Omni / Cardioid	9 directivity variations from omni-cardioid-figure 8
Frequency Response	30-20,000 Hz	30-20,000 Hz
Low Frequency Filter	100 Hz	N/A
Pad	-10 dB	N/A
Sensitivity	Omni: -32 dBV/Pa (25 mV) Cardioid: -28 dBV/Pa (40 mV)	Omni: -32 dBV/Pa (25 mV) Cardioid: -28 dBV/Pa (40 mV) Figure 8: -32 dBV/Pa (25 mV)
Output Impedance	200 Ω	200 Ω
Min. Load Impedance	1,000 Ω	1,000 Ω
S/N Ratio	76 / 80 dB	76 / 80 / 76 dB
Equivalent Output Noise	18 / 14 dB	18 / 14 / 18 dB
Max. SPL	146 / 142 dB SPL	146 / 142 / 146 dB SPL
Dynamic Range	128 dB	128 dB
Finish	Champagne silver	Champagne silver
Connector	XLR7M	XLR7M
Dimensions	Ø54 × 200 mm Ø2.13" × 7.87"	Ø54 × 200 mm Ø2.13" × 7.87"
Net Weight	560 g (19.7 oz)	550 g (19.4 oz)
Accessories Furnished	PS1 phantom power supply HM8 adapter, YA2 threaded adapter, S65 windscreen, HM7C shock mount, power cable, specific 7-meter cable from microphone to power	PS3 phantom power supply
Optional Accessories	HM48B, HM58B table arm, HM18AG pop filter, MS158/BAG big mic stand	
Packaging	A3 aluminum carrying case colorful outer packaging	A3 aluminum carrying case colorful outer packaging



HM7C Shock Mount

HM8 Adapter



CMH8A CMH8B CMH8C

Large Diaphragm, Variable Directivity, Flat Response

Studio / Broadcast / Vocals / Woods / Strings / Acoustic Guitar / Piano / Brass / Percussion / Eastern & Western Instruments

These all purpose studio-grade condenser microphones combine skillful workmanship with a 1-inch gold deposited diaphragm for the most vivid sound. There are a variety of optional accessories available to meet the requirements of almost all applications and settings.

CMH8A

The CMH8A has a single diaphragm with fixed cardioid polar pattern. There is no external control switch, but there is an internal low cut filter. The CMH8A has the same sound quality as the CMH8B, making it the right choice for those on a limited budget.

CMH8B

The CMH8B has a single diaphragm with fixed cardioid polar pattern. This mic also has a built-in HPF to reduce unwanted lower frequency sounds such as footsteps and air-handler noises and a -10dB pad switch for high SPL instrument. The CMH8B is the middle priced unit for who do not need multi-directivity.

CMH8C

The CMH8C is the full-featured version, having a dual diaphragm for 3 switchable polar patterns. A built-in HPF reduces those unwanted low frequency rumbles while the -10dB pad switch effectively reduces high SPL for better sound pick up. The CMH8C is a great recording microphone with extended frequency response, low distortion, low noise and high dynamic range, and will meet the critical demands of the best professional sound engineers.

- 1" Gold-coated diaphragm
- Champagne silver finish
- A3 protective plastic carrying case
- Transformer output

CMH8A: Cardioid, internal low cut

CMH8B: Cardioid, external -10 dB pad and low cut switch

0 -10 dB
Low Cut -10 dB PAD

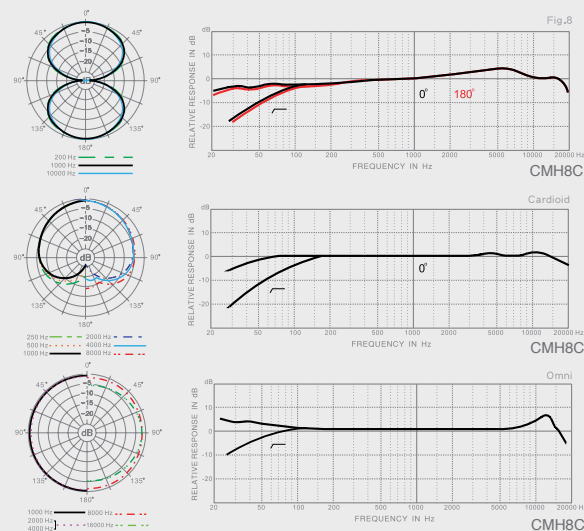
CMH8C: Figure 8, Cardioid, Omni, external -10 dB pad and low cut switch

0 -10 dB
Polar Control Low Cut -10 dB PAD

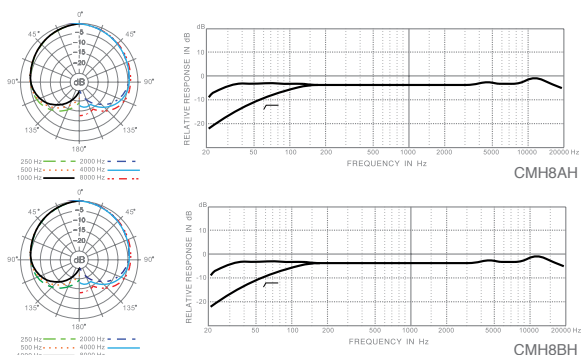
SMKH8A stereo kit, matched pair of CMH8A

SMKH8B stereo kit, matched pair of CMH8B

SMKH8C stereo kit, matched pair of CMH8C



Specifications			
Model No.	CMH8A	CMH8B	CMH8C
Type	True condenser, Ø1" (Ø25.4 mm)	True condenser, Ø1" (Ø25.4 mm)	True condenser, Ø1" (Ø25.4 mm), dual diaphragm
Polar Pattern	Cardioid	Cardioid	Variable polar pattern from figure 8, cardioid and omni
Frequency Response	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz
Low Frequency Filter	100 Hz, (internal)	100 Hz	100 Hz
Pad	N/A	-10 dB	-10 dB
Sensitivity	-34 dBV/Pa (20 mV)	-34 dBV/Pa (20 mV)	-35 / -30 / -35 dBV/Pa (17/ 28/ 17mV)
Output Impedance	200 Ω	200 Ω	200 Ω
Min. Load Impedance	1,000 Ω	1,000 Ω	1,000 Ω
S/N Ratio	76dB	76dB	76 / 80 / 76dB
Equivalent Output Noise	18 dB	18 dB	18 / 14 / 18 dB
Max. SPL	132 dB SPL	142 dB SPL	142 / 138 / 142 dB SPL
Dynamic Range	114 dB	124 dB	124 dB
Power Requirements	48V DC, 2.7 mA	48V DC, 2.7 mA	48V DC, 4 mA
Finish	Champagne silver	Champagne silver	Champagne silver
Connector	XLR3M	XLR3M	XLR3M
Dimensions	Ø54 x 200 mm Ø2.13" x 7.87"	Ø54 x 200 mm Ø2.13" x 7.87"	Ø54 x 200 mm Ø2.13" x 7.87"
Net Weight	550 g (19.4 oz)	550 g (19.4 oz)	565 g (19.9 oz)
Accessories Furnished	HM8 adapter, YA2 threaded adapter,	PS2A phantom power supply, HM7C shock mount, HM48B, HM58B table arm, HM18AG pop filter, S65 windscreen, MS158E/BAG big mic stand	
Optional Accessories			
Packaging	A3 protective carrying case, colorful outer packaging	A3 protective carrying case, colorful outer packaging	A3 protective carrying case, colorful outer packaging



CMH8AH CMH8BH CMH8CH

Large Diaphragm, "Smile Curve" Frequency Response

Studio / Broadcast / Vocal / Woods / String / Acoustic Guitar / Piano / Percussions / Western and Eastern Instruments

The CMH8H series microphones are similar to the CMH8C/B/A large diaphragm microphones except for an enhanced frequency response. These 3 black versions keep the same pattern variations as the CMH8 series but the external appearance has been changed and they have an extended frequency performance in the bass register and additional high frequency enhancement.

For convenience, an LED indicator will illuminate when phantom power is present.

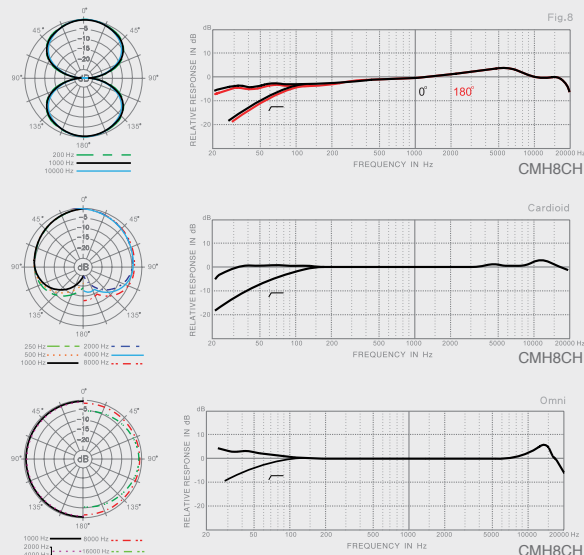
- 1" gold-evaporated diaphragm
- FET custom transformer
- A5 protective plastic carrying case

CMH8AH Internal low-cut switch




CMH8BH Cardioid, external -10 dB pad and low-cut switches



CMH8CH Cardioid, Figure 8, & Omni patterns, external -10 dB pad and low-cut switches



Specifications

			
Model No.	CMH8AH	CMH8BH	CMH8CH
Type	True condenser, Ø1" (Ø25.4 mm)	True condenser, Ø1" (Ø25.4 mm)	True condenser, Ø1" (Ø25.4 mm), dual diaphragm
Polar Pattern	Cardioid	Cardioid	Figure 8/ Cardioid/ Omni
Frequency Response	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz
Low Frequency Filter	100 Hz (internal)	100 Hz	100 Hz
Pad	N/A	-10 dB	-10 dB
Sensitivity	-34 dBV/Pa (20 mV)	-34 dBV/Pa (20 mV)	-30.5 / -35.4 / -30.5 dBV/Pa (30 / 17 / 30 mV)
Output Impedance	200 Ω	200 Ω	200 Ω
Min. Load Impedance	1,000 Ω	1,000 Ω	1,000 Ω
S/N Ratio	76 dB	76 dB	80 / 76 / 80 dB
Equivalent Output Noise	18 dB	18 dB	14 / 18 / 14 dB
Max. SPL	132 dB SPL	142 dB SPL	138 / 142 / 138 dB SPL
Dynamic Range	114 dB	124 dB	124 dB
Power Requirements	48 VDC, 2.7 mA	48 VDC, 2.7 mA	48 VDC, 4 mA
Finish	Black	Black	Black
Connector	XLR3M	XLR3M	XLR3M
Dimensions	Ø54 x 200 mm Ø2.13" x 7.87"	Ø54 x 200 mm Ø2.13" x 7.87"	Ø54 x 200 mm Ø2.13" x 7.87"
Net Weight	550 g (19.4 oz)	550 g (19.4 oz)	567 g (20 oz)
Accessories Furnished	HM8B adapter, YA2 threaded adapter, S65 windscreen, HM26A shock mount		
Optional Accessories	PS2A phantom power supply, HM48B, HM58B table arm, HM18AG pop filter, MS158 big mic stand		
Packaging	A5 protective carrying case, colorful outer packaging	A5 protective carrying case, colorful outer packaging	A5 protective carrying case, colorful outer packaging



HM26A shock mount



Low Frequency Filter

PRO238MKII **NEW**

1" True Condenser Vocal Microphone

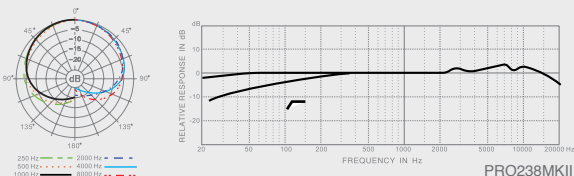
Vocal / Studio / Live Recording / Strings / Winds / Piano / Percussion

The PRO238MKII is a handheld large diaphragm condenser microphone with an improved mechanical structure to lower handling noise. Its modular design makes it easy to remove/restore the capsule. The built-in low cut filter switch inside the chamber prevents accidental operation, letting the artist perform comfortably while holding the PRO238MKII. Thanks to its wide and extended frequency and optimized damping, the PRO238MKII exhibits a natural and lively sound. The PRO238MKII is the best microphone for live sound, broadcasting, and recording

- 1" gold-coated diaphragm
- Low handling noise
- Built-in low cut switch
- Warm, detailed sound suitable for vocals
- Extended frequency response with mid-high band emphasis tailors frequency response
- High dynamic range, low distortion

Specifications

Type	True condenser, Ø1" (Ø25.4 mm)
Polar Pattern	Cardioid
Frequency Response	20-20,000 Hz
Low Frequency Filter	100 Hz@12 dB/oct
Sensitivity	-40 dBV/Pa (10 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	78 dB
Equivalent Output Noise	16 dB
Max. SPL	136 dB SPL
Dynamic Range	120 dB
Power Requirements	48V DC, < 3.5 mA
Finish	Titanium grey
Connector	XLR3M
Dimensions	Ø50 × 182 mm (Ø1.97" × 7.17")
Net Weight	350 g (12.3 oz)
Accessories Furnished	S58 windscreen HM38S mic clip with screw knob YA2 threaded adapter, pouch
Optional Accessories	PS2 A phantom power supply HM18AG pop filter HM26B shock mount
Packaging	Colorful outer packaging



Low Frequency Filter

S125 **WL**

1/2" True Condenser Vocal Microphone

Studio Recording / Live Recording / Vocal / Strings / Winds / Percussion

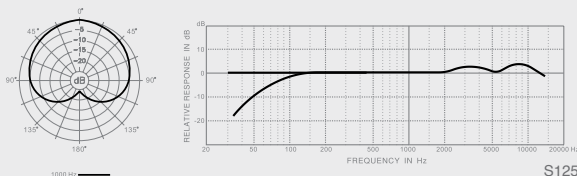
The S125 is a 1/2" gold-evaporated diaphragm true condenser studio-grade microphone with extended frequency response, high definition vocal texture, accurate impact transient details, triple-layer windscreens to prevent close miking pop sound.

- 1/2" gold-coated diaphragm
- Built-in -10 dB pad switch
- Built-in 3rd order 150 Hz low cut filter (-18 dB/oct)
- Protective rubber cover on switch window to prevent accidental change
- Wide and uniform frequency response
- Shock mount capsule, very low handling noise
- Conductive shielding, extremely low inherent noise and RF immunity.

WL Wireless Please refer to the page 95

Specifications

Type	True condenser, Ø1/2" (Ø12.7 mm)
Polar Pattern	Cardioid
Frequency Response	20-20,000 Hz
Low Frequency Filter	150 Hz (18 dB/oct)
Pad	-10 dB
Sensitivity	-45 dBV/Pa (5.6 mV)
Output Impedance	250 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	76 dB
Equivalent Output Noise	18 dB
Max. SPL	148 dB SPL
Dynamic Range	130 dB
Power Requirements	48V DC, 3.5 mA
Finish	Titanium grey
Connector	XLR3M
Dimensions	Ø48 × 180 mm (Ø1.89" × 7.09")
Net Weight	350 g (12.3 oz)
Accessories Furnished	HM38S mic clips with screw knob YA2 threaded adapter Pouch
Optional Accessories	S40 windscreen PS2A phantom power supply
Packaging	Colorful outer packaging

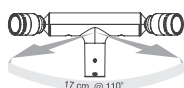






S502 NEW STEREO

ORTF Stereo 1/2" True Condenser



Classical Music Recording / Location Recording / Studio Recording / Drums Recording

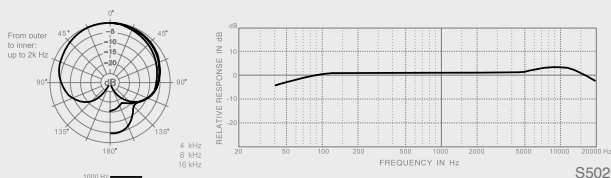
Utilizing the most popular stereo recording microphone technique, the S502 combines a pair of matched cardioid capsules in the ORTF arrangement, saving a lot of time to find that sweet spot for stereo recording. Superlux has combined the ORTF technique with its successful S241 and S125 1/2" true condenser technology to develop the S502 as a straight-forward design to provide experienced engineers the most convenient solution for stereo recording.

- 1/2" gold-evaporated diaphragm
- ORTF fixed standard capsule arrangement
- Sturdy metal body
- Balanced output
- Best for stereo sound field recording

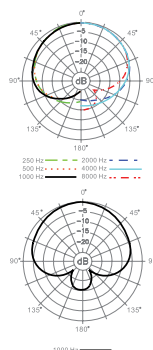
The ORTF stereo record mode please refer to the appendix of stereo techniques.

Specifications

Type	True condenser, Ø1/2" (Ø12.7 mm) matched pair
Polar Pattern	Cardioid
Frequency Response	40-20,000 Hz
Sensitivity	-36 dBV/Pa (15.8 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	76 dB
Equivalent Output Noise	18 dB
Max. SPL	135 dB SPL
Dynamic Range	117 dB
Power Requirements	48V DC, 4.5 mA
Finish	Black
Connector	XLR5M
Dimensions	Capsule: Ø22.5 mm (Ø0.89") (W,H) 184.5 mm, 66.8 mm (7.26", 2.63")
Net Weight	245 g (8.6 oz)
Accessories Furnished	HM30 shock mount YA2 treaded adapter 2 x S20 windscreen FM0.6AMM 0.6-meter 5-pin XLR-3M~2 x XLR-3M cable
Packaging	A3 protective carrying case Colorful outer packaging



S502



CMH8K

Electret Instrument

Live Recording / Lead Vocal / Strings / Acoustic Guitar / Piano / Brass / Woodwinds / Percussion

The CMH8K series is a pencil-type back electret condenser microphone with a inter-changeable capsule, good electro-acoustic characteristics and compact size. Its modular capsule design allows the user to change from cardioid to super cardioid or omni polar patterns as needed. The CMH8K series are suitable for the recording or live sound reinforcement of mid-high frequency instruments.

- Good transient response
- High dynamic range, low distortion
- Delicate sound

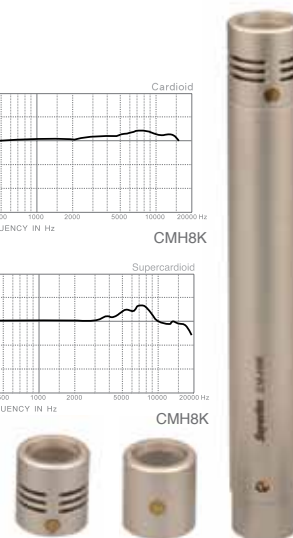
CMH8K/U/H/O: 3-Capsule pack with 1 each of the cardioid, super-cardioid and omni capsules

SMKH8K: Stereo pack with a pair of CMH8KU and one HM15 adapter

CMH8KU: Includes cardioid capsule

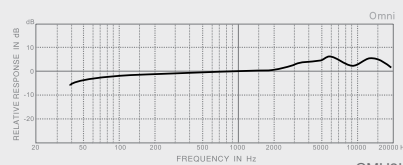
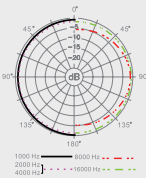
CMH8KH: Includes supercardioid capsule

CMH8KO: Includes omni capsule



Specifications

Type	Back electret, Ø16 mm (Ø0.63")
Polar Pattern	Cardioid, Supercardioid, Figure 8
Frequency Response	40-20,000 Hz
Sensitivity	-40 dBV/Pa (10 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	72 dB
Equivalent Output Noise	22 dB
Max. SPL	134 dB SPL
Dynamic Range	112 dB
Power Requirements	48V DC, 3.5 mA
Finish	Champagne silver
Connector	XLR3M
Dimensions	Ø20 x 150 mm (Ø0.79" x 5.91")
Net Weight	170 g (6 oz)
Accessories Furnished	HM32 shock mount YA2 threaded adapter S08F windscreen, O-ring x 2
Optional Accessories	HM33 shock mount PS2B phantom power supply
Packaging	A3 protective carrying case Colorful outer packaging



CMH8K



E202 NEW

Condenser Microphone

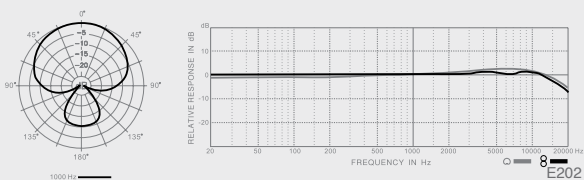
Lead Vocal / Strings / Acoustic Guitar / Piano / Brass / Woodwinds / Percussions

The E202 is a condenser microphone with a smooth and wide frequency response that gives high definition to vocal details. Its simple, direct design makes the sound true and clear. The E202 is suitable for both recording and live performance.

- Ø16 mm back electret condenser
- Super cardioid directivity, High gain before feedback
- Flat frequency response

Specifications

Type	Back electret, Ø16 mm (Ø0.63")
Polar Pattern	Supercardioid
Frequency Response	30-18,000 Hz
Sensitivity	-47 dBV/Pa (4.5 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	72 dB
Equivalent Output Noise	22 dB
Max. SPL	134 dB SPL
Dynamic Range	112 dB
Power Requirements	12-52V DC, 3.5 mA
Finish	Black
Connector	XLR3M
Dimensions	Ø54 x 156.5 mm Ø2.13" x 6.16"
Net Weight	140 g (4.9 oz)
Accessories Furnished	HM8 adapter YA2 threaded adapter Pouch
Optional Accessories	HM26A shock mount
Packaging	Colorful outer packaging



E524D STEREO

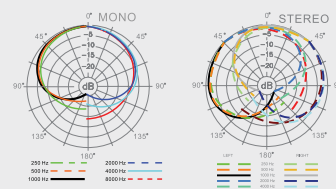
XY Stereo Condenser Microphone

Live Sound / Recording Studio / Strings / Piano / Woodwinds / Percussion

The E524D incorporates 2 electret condenser capsules in an XY 90° arrangement. This popular arrangement provides easy to achieve stereo high definition results. The E524D is suitable for live or stereo recording, with built-in blue LED indicator and powered by either battery or phantom power. It will meet the demands of both professionals and amateurs for a true stereo microphone.

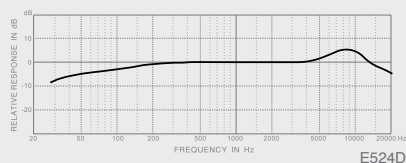
- 2 back electret, Ø16 mm condenser capsules in an XY 90° arrangement
- Powered by 1.5V battery or 12 to 52V DC phantom power
- Balanced output
- Blue LED power on indicator
- Suitable for flash recorders

XY stereo record mode please refer to the appendix of stereo techniques



Specifications

Type	Back electret, Ø16 mm (Ø0.63") (matched pair capsule)
Polar Pattern	Cardioid
Frequency Response	40-18,000 Hz
Sensitivity	-48 dBV/Pa (4 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	72 dB
Equivalent Output Noise	22 dB
Max. SPL	134 dB SPL
Dynamic Range	112 dB
Power Requirements	Phantom: 12-52V DC, 2 mA Battery: 1.5V AA/UM3, 2 mA
Finish	Titanium grey
Connector	XLR5M
Dimensions	Capsule Ø23.5 mm (Ø0.93") (W x H) 78 mm x 216 mm (3.07" x 8.5")
Net Weight	340 g (12 oz)
Accessories Furnished	HM38 mic clip DS01 table stand S25 windscreen, pouch 1.5V AA alkaline battery FM5AMM 5-meter mic cable with XLR-5F~2 x XLR3M connectors
Optional Accessories	HM40C camera adapter
Packaging	A4 protective carrying case, colorful outer packaging



Broadcast Microphones

Classical Active Ribbon Microphone

R102 MKII + R102

R102 MKII Full Bandwidth Ribbon Microphone up to 18 kHz **NEW**

R102 Classical Ribbon Microphone



R102

R102MKII **NEW**

Broadcast / String / Bass section / E-Guitar / Percussion / Harmonica / Vocals

The R102 series ribbon microphone is especially designed for broadcast and TV recording. With the high sensitivity and flat frequency response as the condenser microphone, it also has the fastest transient response. The R102'S classical pure, warm sound texture is ideal for broadcast, strings, orchestra and stereo Blumlein recordings. It has also been well received when used on live stage music productions.



- Phantom power required
- High sensitivity, high dynamic range, low noise
- Low impedance output, low distortion
- Pre-amplifier with integrated shielding to provide EMI-free performance
- Figure 8 polar pattern, symmetrical front and back sensitivity
- Easy-to-replace ribbon module

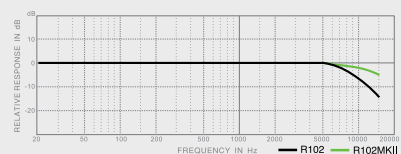
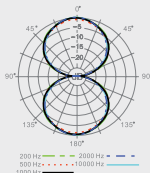


R102MKII Capsule module



R102 Capsule module

Specifications		
Model No.	R102 MKII	R102
Type	Ribbon, 2.5 μ m	Ribbon, 2.5 μ m
Polar Pattern	Figure 8	Figure 8
Frequency Response	20-18,000 Hz	25-15,000 Hz
Sensitivity	-40 dBV/Pa (10 mV)	-40 dBV/Pa (10 mV)
Output Impedance	250 Ω	250 Ω
Min. Load Impedance	1,000 Ω	1,000 Ω
S/N Ratio	76 dB	76 dB
Equivalent Output Noise	18 dB	18 dB
Max. SPL	138 dB SPL	138 dB SPL
Dynamic Range	120	120 dB
Power Requirements	48V DC, 4 mA	48V DC, 4 mA
Finish	Dark grey with golden grille	Dark grey
Connector	XLR3M	XLR3M
Dimensions	60 x 44 x 196 mm 2.63" x 1.73" x 7.72"	60 x 44 x 196 mm 2.63" x 1.73" x 7.72"
Net Weight	500 g (17.6 oz)	500 g (17.6 oz)
Accessories Furnished	U-bracket 6-meter right angle cable HM31 shock mount YA2 threaded adapter HM63 pop filter Pouch	U-bracket 6-meter right angle cable
Optional Accessories	PS2A phantom power supply, HM48B, HM58B table arm	
Packaging	A3 protective aluminum carrying case, colorful outer packaging	A4 protective carrying case, colorful outer packaging





CMH8E

Large Diaphragm Condenser

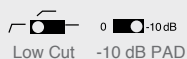
Speech / Broadcast / String / Brass

The CMH8E is especially designed for broadcasters, instrument pick up and DAW recording with a custom closed-cell capsule design structure. Its immunity to environmental noise makes it especially suitable for use in a hostile audio environment.

- 1" diameter, gold-evaporated diaphragm
- Low noise FET custom transformer output circuit
- External 2-position low-cut filter
- U suspension mount and cable hanger

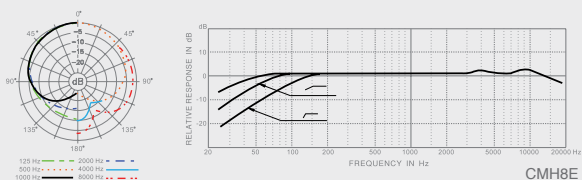
100 Hz, 150 Hz Low cut filter switch

-10 dB pad switch

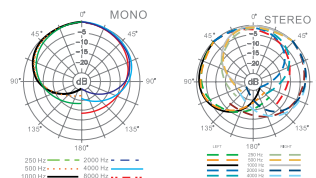


Specifications

Type	True condenser, Ø1" (Ø25.4 mm)
Polar Pattern	Cardioid
Frequency Response	30-20,000 Hz
Low Frequency Filter	100 Hz, 150 Hz
Pad	-10 dB
Sensitivity	-38 dBV/Pa (12 mV)
Output Impedance	200 Ω
Minimum Output Impedance	1,000 Ω
S/N Ratio	76 dB
Equivalent Output Noise	18 dB
Max. SPL	145 dB SPL
Dynamic Range	127 dB
Power Requirements	48V DC, 2.7 mA
Finish	Champagne silver
Connector	XLR3M
Dimensions	Ø54 x 200 mm (Ø2.13" x 7.87")
Net Weight	600 g (21.1 oz)
Accessories Furnished	U bracket (cable clip included)
Optional Accessories	PS2A phantom power supply S65 windscreen HM48B table arm HM58B table arm
Packaging	Colorful outer packaging



CMH8E



E523D

XY Stereo Electret

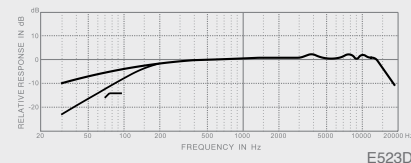
Broadcast / TV / Pro Recording / Outdoor Production / Handheld Digital Recording

The E523D incorporates 2 electret condenser capsules in an XY 90° arrangement. This popular arrangement provides easy to achieve, high definition stereo results. The E523D is suitable for TV production or outdoor stereo recording. A built-in blue LED indicates when microphone is powered by battery or phantom power. With balanced outputs for pro audio and video system use and a low-cut switch for reducing noise, it will meet the demands of both professionals and amateurs for a true stereo microphone.

- Matched pair capsules, XY stereo pick up
- Balanced outputs
- Powered by phantom or battery power
- Low-cut switch, locking device included

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	50-18,000 Hz
Low Frequency Filter	150 Hz
Sensitivity	-47 dBV/Pa (4.4 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	70 dB
Equivalent Output Noise	24 dB
Max. SPL	126 dB SPL
Dynamic Range	102 dB
Power Requirements	12-52V DC, 2 mA, battery 1.5V AA/UM3, 2 mA
Finish	Titanium grey
Connector	XLR5M
Dimensions	Capsule: 64 x 38 mm (2.52" x 1.5") Body: Ø23.5 x 218 mm (Ø0.93" x 8.58")
Net Weight	340 g (12 oz)
Accessories Furnished	HM38S mic clip with screw knob YA2 threaded adapter S50 windscreen FM5AMM 5-meter mic cable with XLR5F~2 x XLR3M Battery 1.5V, AA alkaline Pouch
Optional Accessories	HM40C camera microphone shock mount YA10 camera adapter
Packaging	Colorful outer packaging



E523D

PRA318S / L

Omni Interview



SNG / ENG / Interview

The PRA318L/S are Omni dynamic microphones for SNG, with a light weight aluminum alloy body, lengthened handle for easy reach and no proximity effect for the best speech recognition. It easily meets the requirements of professionals for an all-purpose interview microphone.

- Specific frequency response to help intelligibility
- No proximity effect
- Aluminum alloy body, light weight, solid structure
- Wind noise immunity, suitable for outdoor use

PRA318L Long shaft, 23 cm

PRA318S Short shaft, 18 cm

Specifications

Model No.	PRA318S	PRA318L
Type	Dynamic	Dynamic
Polar Pattern	Omni	Omni
Frequency Response	50-15,000 Hz	50-15,000 Hz
Sensitivity	-53 dBV/Pa (2.2mV)	-53 dBV/Pa (2.2mV)
Output Impedance	500 Ω	500 Ω
Sensitivity	500 Ω	500 Ω
Max. SPL	140 dB SPL	140 dB SPL
Finish	Black	Black
Connector	XLR3M	XLR3M
Dimensions	Ø34 x 180 mm Ø1.34" x 7.09"	Ø34 x 230 mm Ø1.34" x 9.06"
Net Weight	110 g (3.9 oz)	140 g (4.9 oz)
Accessories Furnished	S07 windscreen, HM30 shock mount, YA2 threaded adapter, pouch	
Optional Accessories	HM6 table stand, HM40C camera microphone shock mount	
Packaging	Colorful outer packaging	



PRA118S / L

Shotgun Microphone



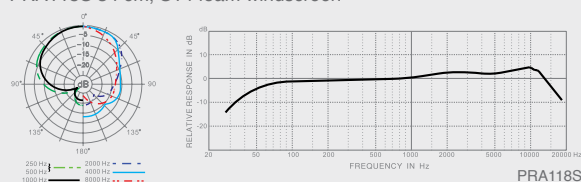
Film / EFP / ENG / SNG / Theater / Live Sound

The PRA118 shotgun is a highly directional pro electret condenser microphone with a specifically tuned frequency response, making it exceptional at off-axis suppression. The PRA118 is suitable for film, EFP productions, theater sound reinforcement and SNG/ENG tasks.

- Exceptional off-axis suppression
- Very pure sound with no coloration
- Flat on-axis response

PRA118L 54 cm, S15 foam windscreen

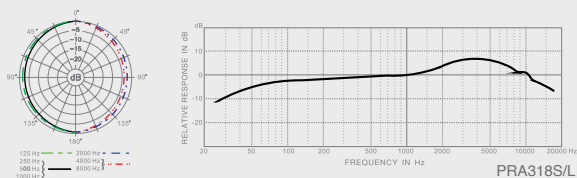
PRA118S 34 cm, S14 foam windscreen



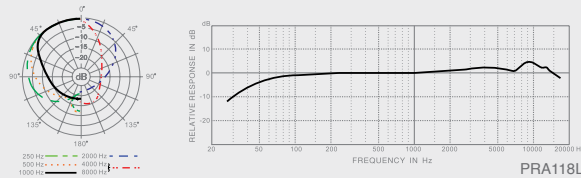
PRA118S

Specifications

Model No.	PRA118S	PRA118L
Type	Back electret, Ø14mm (Ø0.55")	Back electret, Ø14mm (Ø0.55")
Polar Pattern	Shotgun	Shotgun
Frequency Response	30-16,000 Hz	30-16,000 Hz
Sensitivity	-35 dBV/Pa (17.8 mV)	-33 dBV/Pa (22.4 mV)
Output Impedance	200 Ω	200 Ω
Sensitivity	1,000 Ω	1,000 Ω
S/N Ratio	74 dB	76 dB
Equivalent Output Noise	20 dB	18 dB
Max. SPL	134 dB SPL	130 dB SPL
Dynamic Range	114 dB	112 dB
Power Requirements	12-52V DC	12-52V DC
Finish	Black	Black
Connector	XLR3M	XLR3M
Dimensions	Ø20 x 340 mm Ø0.79" x 13.39"	Ø20 x 540 mm Ø0.79" x 21.26"
Net Weight	200 g (7 oz)	250 g (8.8 oz)
Accessories Furnished	S14 windscreen for PRA118S, S15 windscreen for PRA118L, HM37S mic clip with screw knob, YA2 threaded adapter	
Optional Accessories	PS2B phantom power supply, HM30 shock mount, HM35C camera microphone shock mount	
Packaging	Hand carrying bag, colorful outer packaging	



PRA318S/L



PRA118L

PRA116B

Shotgun Microphone, Battery Powered

Film / EFP/ ENG / SNG / Theater / Live Sound

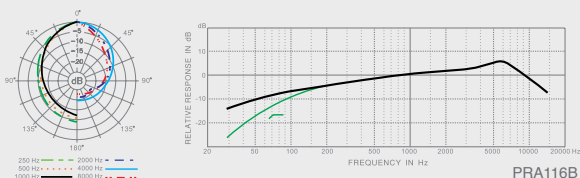
The PRA116B battery powered shotgun is a highly directional pro electret condenser microphone with a specifically tuned frequency response, making it exceptional at off-axis suppression. The PRA116B is suitable for film, EFP productions, theater sound reinforcement and SNG/ENG tasks.

The PRA116B is battery-powered for easy connection to video camera equipment.

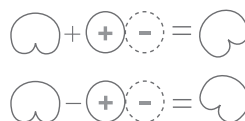
- Exceptional off-axis suppression
- Very pure sound with no coloration
- Flat on-axis response
- Battery powered
- External low cut switch

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Shotgun
Frequency Response	50-14,000 Hz
Low Frequency Filter	80 Hz, 12 dB/oct
Sensitivity	-41 dBV/Pa (9 mV)
Output Impedance	600 Ω
Sensitivity	2,000 Ω
S/N Ratio	74 dB
Equivalent Output Noise	20 dB
Max. SPL	119 dB SPL
Dynamic Range	99 dB
Power Requirements	Battery 1.5 V AA/UM3, 2 mA
Finish	Black
Connector	XLR3M
Dimensions	Ø21 x 370 mm (Ø0.83" x 14.57")
Net Weight	220 g (7.76 oz)
Accessories Furnished	HM37S mic clip with screw knob YA2 threaded adapter HM40C camera microphone shock mount S14 windscreen 1.5V AA alkaline battery
Optional Accessories	HM30 shock mount HM35C camera microphone shock mount
Packaging	Hand carrying bag, colorful outer packaging



MS Stereo



E525S/L

NEW STEREO

Stereo Condenser Shotgun Microphone

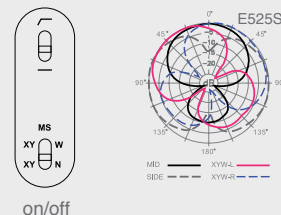
Film / EFP/ ENG / SNG / Theater / Live Sound

The E525 is a stereo condenser shotgun microphone with figure 8 side microphone for MS stereo recording. It has 4-output formats for MS, XY-wide, XY-narrow and Mono. The E525 is suitable for location, film, EFP and theater sound pick up or SNG/ENG program use.

- 2 stereo record modes, MS& XY(W/N)
- External low-cut switch
- Exceptional off-axis suppression
- Very pure sound with no coloration
- Aluminum alloy, light weight

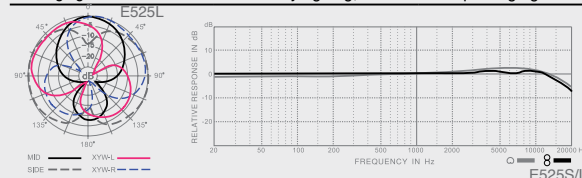
E525S: short 235 mm

E525L: long 380 mm



Specifications

Model No.	E525S	E525L
Type	Back electret, Ø14 mm (Ø0.55")	Back electret, Ø14 mm (Ø0.55")
Polar Pattern	MS/XY stereo shotgun	MS/XY stereo shotgun
Frequency Response	20-20,000 Hz	20-20,000 Hz
Low Frequency Filter	100 Hz, 12 dB/oct	100 Hz, 12 dB/oct
Sensitivity	-34 dBV/Pa (9.0 mV)	-34 dBV/Pa (9.0 mV)
Output Impedance	200 Ω	200 Ω
Min. Load Impedance	1,000 Ω	1,000 Ω
S/N Ratio	72 dB	72 dB
Equivalent Output Noise	22 dB	22 dB
Max. SPL	127 dB SPL	127 dB SPL
Dynamic Range	105 dB	105 dB
Power Requirements	12-52V	12-52V
Finish	Titanium grey	Titanium grey
Connector	XLR5M	XLR5M
Dimensions	Ø21.5 x 235 mm Ø0.85" x 9.3"	Ø21.5 x 380 mm Ø0.85" x 14.97"
Net Weight	103 g (3.6 oz)	153 g (5.4 oz)
Accessories Furnished	S32 windscreen	S33 windscreen
Optional Accessories	HM40C camera mic shock mount, HM37S mic clip with screw knob, YA2 threaded adapter, FM0.6AMM, 0.6-meter cable with XLR5F~2 x XLR3M connector, pouch	
Packaging	HM35 shock mount HM35C camera microphone shock mount	



USB Microphones



E207U NEW

USB Studio Condenser Microphone

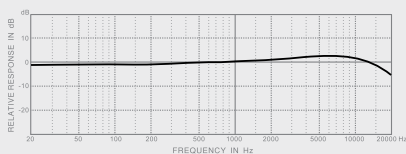
Broadcasting / Recording

The E207U is a high quality condenser microphone with an advanced A/D and USB interface which gives you digital recording capabilities instantly with no external digital interface or software driver required. It is USB compatible with Mac, Windows, and most DAW software programs, including GarageBand. The E207U offers premium quality audio recording with ease and mobility, and with its mic stand mount adapter and 9.8 ft. (3-meter) USB cable, the E207U is a valuable kit for any project studio.

- Smooth, flat frequency response
- Plug in and start recording, no drivers required
- Up to 16 bit / 48 kHz sampling
- Powered by USB power, no external power required
- Headphone output and volume control
- Includes mic stand adapter, USB cable, and threaded adapter

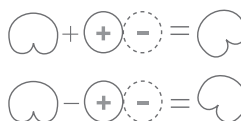
Specifications

Type	Back electret, Ø14 mm (Ø0.55")
Polar Pattern	Cardioid
Frequency Response	20-20,000 Hz
Sensitivity (at 1,000 Hz Open Circuit Voltage)	-42 dBV/Pa (7.9 mV)
Max. SPL	137 dB SPL
Power Requirements	USB 5V, <30 mA
Resolution	Up to 16 bit/48k Hz sampling rate
Finish	Champagne silver
Connector	USB B-TYPE
Dimensions	Ø55 x 156 mm (Ø2.16" x 6.14")
Net Weight	220 g (7.75 oz)
Accessories Furnished	3-meter USB cable HM8 adapter YA2 threaded adapter
Packaging	Colorful outer packaging



E207U

MS Stereo



E502U NEW STEREO

USB MS Stereo Microphone



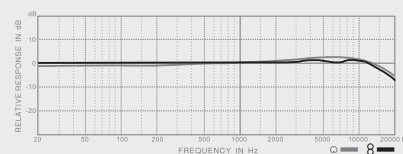
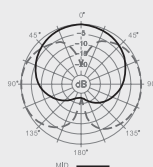
Broadcasting / Recording / Music Ensemble

The E502U is a combination of a high quality MS stereo condenser microphone and an advanced A/D and USB interface, giving you digital recording capabilities instantly with no external digital interface or software driver required. It is USB compatible with Mac, Windows, and most DAW software programs, including GarageBand. The E502U offers premium quality audio recording with ease and mobility, and with its mic stand mount adapter and 9.8 ft. (3-meter) USB cable, the E502U is a valuable kit for any project studio. For more information about MS stereo recording, please refer to the Stereo Recording Techniques in the Appendix.

- MS stereo matched pair capsules with both cardioid and bi-directional directivities
- Smooth, flat frequency response
- Plug in and start recording, no drivers required
- Up to 16 bit / 48 kHz sampling
- Powered by USB power, no external power required
- Includes mic stand adapter, USB cable, and threaded adapter

Specifications

Type	Back electret, Ø14 mm (Ø0.55")
Polar Pattern	Cardioid + Figure 8 (MS)
Frequency Response	20-20,000 Hz
Sensitivity (at 1,000 Hz Open Circuit Voltage)	-42 dBV/Pa (7.9 mV)
Max. SPL	137 dB SPL
Power Requirements	USB 5V, <30 mA
Resolution	Up to 16 bit/48k Hz sampling rate
Finish	Champagne silver
Connector	USB B-TYPE
Dimensions	Ø55 x 156 mm (Ø2.16" x 6.14")
Net Weight	220 g (7.75 oz)
Accessories Furnished	3-meter USB cable HM8 adapter YA2 threaded adapter
Packaging	Colorful outer packaging



E502U



E503U NEW STEREO

USB XY Stereo Microphone

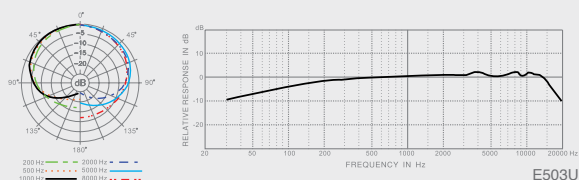
Broadcasting / Field Recording / Digital Flash Recorder

The E503U is a combination of high quality XY stereo condenser microphone and advanced A/D and USB interface, giving you instant digital recording with no external digital interface or software driver required. It is USB compatible with Mac, Windows and most DAW software programs, including GarageBand. The E503U offers premium quality audio recording with ease and mobility, and with its mic clip, windscreens, 9.8 ft. (3-meter) USB cable, and soft pouch, the E503U is ideal for amateurs, professionals and project studios. For more information about XY stereo recording, please refer to the Stereo Recording Techniques in the Appendix.

- XY stereo matched pair capsules with two cardioid directivities
- Excellent stereo sound image and smooth, flat frequency response
- Plug in and start recording, no drivers required
- Up to 16 bit / 48 kHz sampling
- Powered by USB power, no external power required

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid + Cardioid (XY)
Frequency Response	50-18,000 Hz
Sensitivity (at 1,000 Hz Open Circuit Voltage)	-42 dBV/Pa (7.9 mV)
Max. SPL	137 dB SPL
Power Requirements	USB 5V, <30 mA
Resolution	Up to 16 bit/48k Hz sampling rate
Finish	Champagne silver
Connector	USB B-TYPE
Dimensions	Grille net 64 x 52 mm, Ø24.5 x 187 mm (2.52" x 2.05", Ø0.97" x 7.36")
Net Weight	230 g (8.1 oz)
Accessories Furnished	3-meter USB cable HM38S mic clip with screw knob YA2 threaded adapter S50 windscreen Pouch
Optional Accessories	HM26B shock mount
Packaging	Colorful outer packaging



E503U



E201U NEW

USB Condenser Microphone

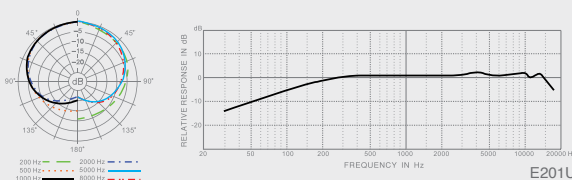
Professional Recording / Acoustic Guitar / Eastern and Western Instruments / Brass / Strings / Piano / Percussions / Vocal

The E201U is a combination of the popular Superlux E124D condenser instrument microphone and an advanced A/D and USB interface, giving you instant digital recording with no external digital interface or software driver required. Its high sensitivity and flat response back electret condenser capsule makes it a good solution for acoustic instruments and vocals, especially for strings and cello. Whether for instrument or vocal recording, the E201U will meet the demands of critical professional engineers. With an included mic clip, windscreens, 9.8 ft. (3-meter) USB cable, and soft pouch, the E201U is a valuable addition to any studio.

- Plug in and start recording, no drivers required
- Up to 16 bit / 48k Hz sampling
- Powered by USB power, no external power required
- Excellent for strings, brass, and cymbals
- Internal shock mount for capsule to reduce vibration noise

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	40-18,000 Hz
Sensitivity (at 1,000 Hz Open Circuit Voltage)	-42 dBV/Pa (7.9 mV)
Max. SPL	137 dB SPL
Power Requirements	USB 5V, <30 mA
Resolution	Up to 16 bit/48k Hz sampling rate
Finish	Champagne silver
Connector	USB B-TYPE
Dimensions	Ø31 (24) x 155 mm (Ø1.22" (0.94") x 6.1")
Net Weight	130 g (4.58 oz)
Accessories Furnished	USB cable HM38S mic clip with screw knob YA2 threaded adapter S09 windscreen Nylon bag
Optional Accessories	HM32S shock mount, HM26B shock mount
Packaging	Colorful outer packaging



E201U



D201U NEW
USB Omni Interview Microphone

SNG / ENG / Interview / Speech

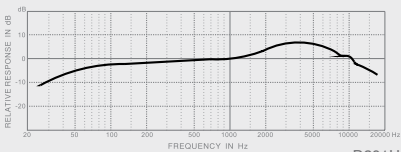
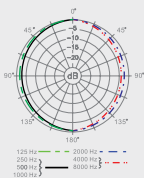
The D201U is a combination of the popular Superlux PRA318 Omni interview microphone and an advanced A/D and USB interface, making the D201U a perfect tool for interview broadcasting and digital recording. Featuring a high quality Omni dynamic capsule, the D201U delivers a clean vocal tone with no proximity effect. Whether for interview or podcasting production, the D201U will meet the demands of professional broadcasting. Along with a shock mount, windscreen, and 9.8 ft. (3-meter) USB cable, the D201U will be welcomed in any studio.

- Plug in and start recording, no drivers required
- Up to 16 bit / 48k Hz sampling
- Powered by USB power, no external power required
- Tailored frequency response for voice intelligibility
- No proximity effect
- Light and sturdy aluminum body
- Special wind noise proof, good for outdoor use

Specifications



Type	Dynamic
Polar Pattern	Omni
Frequency Response	50-15,000Hz
Sensitivity (at 1,000 Hz Open Circuit Voltage)	-56 dBV/Pa (1.6 mV)
Max. SPL	140 dB SPL
Power Requirements	USB 5V, <30 mA
Resolution	Up to 16 bit/48k Hz sampling rate
Finish	Champagne silver
Connector	USB B-TYPE
Dimensions	Ø36 × 203 mm (Ø1.42" × 8")
Net Weight	160 g (5.6 oz)
Accessories Furnished	3-meter USB cable HM30 shock mount YA2 threaded adapter S07 windscreen
Optional Accessories	HM6 table stand, HM26B shock mount
Packaging	Colorful outer packaging



D201U



E204U NEW

USB Classic Microphone

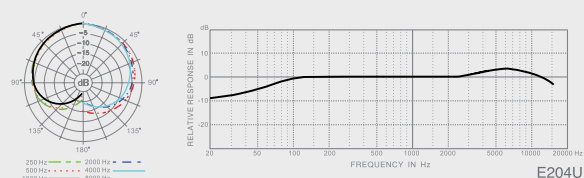
Lead Vocal / Instrument Miking

The E204U is a combination of high quality condenser microphone and an advanced A/D and USB interface, giving you instant digital recording with no external digital interface or software driver required. It includes a high sensitivity condenser capsule and a wide, flat response to deliver a perfect performance. Those customers who fondly remember the past, particularly the 50's and 60's golden age of jazz music, will find this microphone especially appealing. Though the E204U looks like a vintage instrument, its technical performance is substantially modernized with very advanced specifications adapted to a variety of audio miking uses for vocals and instruments.

- Classic and elegant in appearance with a contemporary performance
- Plug in and start recording, no drivers required
- Up to 16 bit / 48k Hz sampling
- Powered by USB power, no external power required
- Shock-mounted cartridge for minimized mechanical and vibration noise
- A self-tensioning swivel mount permits tilting 45° toward as well as up to 80° away from an audio source for greater flexibility
- Polished chrome finish for long-term operation and appearance

Specifications

Type	Back electret, Ø14 mm (Ø 0.55")
Polar Pattern	Cardioid
Frequency Response	20-18,000 Hz
Sensitivity	-42 dBV/Pa (1.8 mV)
Max. SPL	136 dB SPL
Power Requirements	USB 5V, <75 mA
Resolution	Up to 16 bit/48k Hz sampling rate
Finish	Chrome plated
Connector	USB B-TYPE
Dimensions (W × H × D)	56 × 191 × 67.5 mm 2.2" × 7.5" × 2.66"
Net Weight	520 g (18.3 oz)
Accessories Furnished	3-meter USB cable YA2 threaded adapter Protective pouch
Optional Accessories	HM6 table stand
Packaging	Colorful outer packaging



Clip onto a laptop



E30AU NEW

USB Condenser Microphone

Internet Chatting / Podcasting / Recording

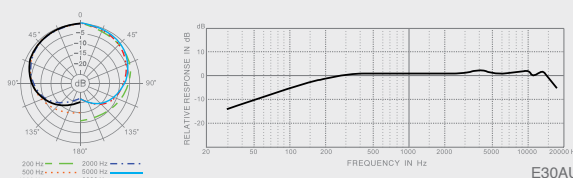
The E30AU is designed for recording music, podcasts, or field recording, but its range of functionality also allows it to be used as more than just a typical USB microphone. It's perfect for internet chatting, voice recognition software, web casting, and even VoIP. The E30AU can clip right onto your laptop or sit on a desk. It comes with an in-ear monitor headphone that can be plugged into the E30AU's headphone output jack for listening to your music or conversations.

Its high quality condenser capsule combines advanced A/D and D/A technology with a sampling rate of up to 48k Hz to ensure the E30AU offers truly professional quality. Plug and play operation also means it's completely compatible with a Mac OS or Windows, with no drivers required. The E30AU is the ideal solution for recording on the go.

- Portable USB condenser microphone
- Plug and Play Mac and PC compatible, no drivers required
- Custom compact design that clips to a laptop or sits on a desk
- Up to 16 bit / 48k Hz resolution
- 1/8-inch headphone output
- Includes HD381B in-ear headphone, USB cable, table stand, and soft pouch

Specifications

Type	Back electret, Ø9.7 mm (Ø0.39")
Polar Pattern	Cardioid
Frequency Response	20-18,000 Hz
Sensitivity (at 1,000 Hz Open Circuit Voltage)	-40 dBV/Pa (10 mV)
Max. SPL	133 dB SPL
Power Requirements	USB 5V, 70 mA
Resolution	Up to 16 bit/48k Hz sampling rate
Finish	Black
Connector	USB Mini B-Type, 3.5 mm (1/8") TRS mini stereo plug
Dimensions	Grille net: Ø47 mm (1.86") Height with table stand: 147.5 mm (5.81") Diameter of table stand: Ø39 mm (Ø1.54")
Net Weight	265 g (9.3 oz)
Accessories Furnished	HD381B in-ear headphones 1.5-meter USB cable DS02 table stand
Packaging	Colorful outer packaging





D303UT NEW

USB Dynamic Microphone

Network Meeting / Podcasting / Recording

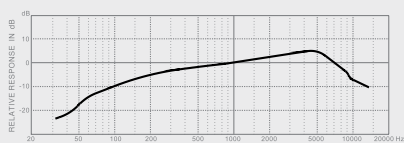
The D303UT is a combination of a professional dynamic microphone and USB digital interface, providing clear, bright and highly intelligible voice reproduction. It's perfect for podcasts or music recording. The D303UT also has an analog output for connecting to an analog preamp for use as a traditional microphone. Furnished with a HD381B in-ear headphone, the D303UT gives you extra value, allowing you to monitor your music or conversation at no additional expense.

With its table stand, the D303UT can sit on a desk for podcasting or interview recording. With 16 bit / 48k Hz resolution plus Mac and Windows compatibility with no drivers required, the D303UT is a convenient kit for quick and easy computer recording.

- Analog microphone output is provided
- Portable USB condenser microphone
- Plug and Play Mac and PC compatible, no drivers required
- Up to 16 bit / 48k Hz resolution
- Dynamic microphone with cardioid directivity
- 1/8-inch (3.5 mm) headphone output
- Includes HD381B in-ear headphone, USB cable, and table stand

Specifications

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	50-15,000 Hz
Sensitivity (at 1,000 Hz Open Circuit Voltage)	-50 dBV/Pa (3.2 mV)
Max. SPL	138 dB SPL
Power Requirements	USB 5V, 68 mA
Resolution	Up to 16 bit/48 kHz sampling rate
Finish	Black
Connector	USB Mini B-Type, TA3M, 3.5 mm (1/8") TRS mini stereo plug
Dimensions	30 x 32 x 104 mm (1.18" x 1.26" x 4.1")
Net Weight	160 g (5.64 oz)
Accessories Furnished	HD381B in-ear headphones 1.5-meter USB cable DS02 table stand
Packaging	Colorful outer packaging



D303UT



E203UT NEW

USB Condenser Microphone

Network Meeting / Podcasting / Recording

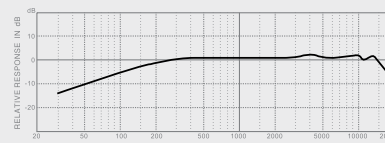
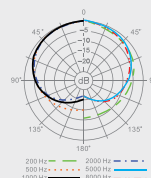
The E203UT is a combination of professional condenser microphone and USB digital interface, providing a clear, bright and highly intelligible voice reproduction. It's perfect for podcasts or music recording. The E203UT also provides an analog output for connecting to an analog preamp for use as a traditional microphone. Furnished with an HD381B in-ear headphone, the E203UT gives you extra value, allowing you to monitor your music or conversation at no additional expense.

With its table stand, the E203UT can sit on a desk for podcasting or interview recording. Featuring 16 bit / 48k Hz resolution plus Mac and Windows compatibility with no drivers required, the D303UT is a convenient kit for quick and easy computer recording.

- Analog microphone output is provided
- Portable USB condenser microphone
- Plug and Play Mac and PC compatible, no drivers required
- Up to 16 bit / 48k Hz resolution
- Condenser microphone with cardioid directivity
- 1/8-inch (3.5 mm) headphone output
- Includes HD381B in-ear headphone, USB cable, and table stand

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	20-18,000 Hz
Sensitivity (at 1,000 Hz Open Circuit Voltage)	-40 dBV/Pa (10 mV)
Max. SPL	133 dB SPL
Power Requirements	USB 5V, 70 mA
Resolution	Up to 16 bit/48 kHz sampling rate
Finish	Black
Connector	USB Mini B-Type, TA3M, 3.5 mm (1/8") TRS mini stereo plug
Dimensions	30 x 32 x 104 mm (1.18" x 1.26" x 4.1")
Net Weight	150 g (5.29 oz)
Accessories Furnished	HD381B in-ear headphones 1.5-meter USB cable table stand
Packaging	Colorful outer packaging



E203UT

USB Converters



U01 NEW

USB Converter

Computer Gaming / Internet Chatting

The U01 is a plug and play USB converter that is compatible with Mac OS or Windows, allowing you to adapt the analog microphone and headphone for your computer to enhance sound performance while computer gaming or listening to music. Featuring microphone input, headphone output, microphone mute button and volume control, the U01 is a perfect tool for your computer entertainment and conversations without the need for software drivers.

- Compatible with Mac and Windows, no drivers required
- Real USB Plug & Play, eliminates the need for a traditional sound card
- The audio adapter is the best tool for computer gaming and DVD music
- Instantly creates microphone in & audio out jack from any PC / PS3 USB port
- No need to reach behind your PC for audio jacks
- USB powered, no external power required
- Microphone input, headphone output, microphone mute button, headphone volume control and USB LED indicator

Specifications

Frequency Response	20-20,000 Hz
Resolution	Up to 16 bit/48 kHz sampling rate
Mic Input	3.5 mm (1/8") TRS phone jack
Headphone Output	3.5 mm (1/8") TRS phone jack
USB Connector	USB A-TYPE
Power Requirements	USB 5V, <30 mA
Finish	Black
Dimensions (without cable)	77.9 x 13.6 x 26 mm (3.07" x 0.54" x 1.02")
Net Weight	57 g (2 oz)



U02X NEW

XLR to USB Converter

Professional Digital Recording

The U02X makes it easy to connect a Superlux high quality microphone to your computer for digital recording. Its headphone output with no latency microphone direct monitoring, microphone gain control, volume control, and monitor mix control make it easy to set a suitable level and monitor. Providing 48V phantom power ensures the U02X will work with professional high quality condenser microphones. With its compact, low profile design, and functional features, the U02X is a fantastic tool for NLE application.

- Plug and play, compatible with Mac and Windows, no drivers required
- Monitor Mix Control for blending microphone and playback audio
- Headphone output with volume control
- Built-in microphone preamp and gain control
- Zero latency monitoring for real-time playback and multi-tracking
- Up to 16 bit/48k Hz sampling rate
- 9.8 ft. (3-meter) USB cable included
- +48V phantom power supplied
- Powered by USB power, no external power required

Specifications

Frequency Response	20-20,000 Hz
Digital Noise Floor (20 Hz to 20 kHz, A-weighted)	Minimum mic gain setting: -80 dB FS Maximum mic gain setting: -76 dB FS
Sampling Rate	Up to 48k Hz
Bit Depth	16 bit
Peak Signal Indicator	-30 dB FS (off) -30~-12 dB FS (green) -12~0 dB FS (yellow) > 0 dB FS (red, digital clip)
Gain Range	40 dB
Headphone Output	3.5 mm (1/8") phone jack
USB Connector	USB B-TYPE
Microphone Input Connector	XLR3F
Phantom Power	+48V
Power Requirements	USB 5V, < 30 mA
Finish	Black
Dimensions	106.2 x 27.7 x 24 mm (4.18" x 1.09" x 0.95")
Net Weight	180 g (6.34 oz)
Accessories Furnished	3-meter USB cable Carrying pouch

Vocal Headworn Lavalier Microphones

Vocal Microphones



Low Frequency Filter

PRO238MKII NEW

1" True Condenser Vocal Microphone



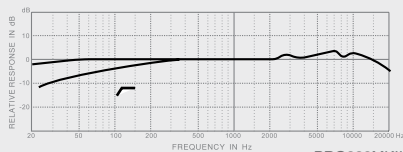
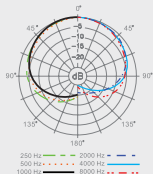
Vocal / Studio / Live Recording / Strings / Winds / Piano / Percussion

The PRO238MKII is a handheld large diaphragm condenser microphone with an improved mechanical structure to lower handling noise. Its modular design makes it easy to remove/restore the capsule. The built-in low cut filter switch inside the chamber prevents accidental operation, letting the artist perform comfortably while holding the PRO238MKII. Thanks to its wide and extended frequency and optimized damping, the PRO238MKII exhibits a natural and lively sound. The PRO238MKII is the best microphone for live sound, broadcasting, and recording

- 1" gold-coated diaphragm
- Low handling noise
- Built-in low cut switch
- Warm, detailed sound suitable for vocals
- Extended frequency response with mid-high band emphasis
- High dynamic range, low distortion

Specifications

Type	True condenser, Ø1" (Ø25.4 mm)
Polar Pattern	Cardioid
Frequency Response	20-20,000 Hz
Low Frequency Filter	100 Hz@12 dB/oct
Sensitivity	-40 dBV/Pa (10 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	78 dB
Equivalent Output Noise	16 dB
Max. SPL	136 dB SPL
Dynamic Range	120 dB
Power Requirements	48V DC, <3.5 mA
Finish	Titanium grey
Connector	XLR3M
Dimensions	Ø50 x 182 mm (Ø1.97" x 7.17")
Net Weight	350 g (12.3 oz)
Accessories Furnished	S58 windscreen HM38S mic clip with screw knob YA2 threaded adapter, pouch
Optional Accessories	PS2A phantom power supply HM18AG pop filter HM26B shock mount
Packaging	Colorful outer packaging



PRO238MKII



Low Frequency Filter

S125 WL

1/2" True Condenser Vocal Microphone



Studio Recording / Live Recording / Vocal / Strings / Winds / Percussion

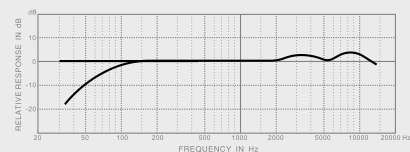
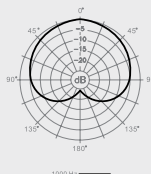
The S125 is a 1/2" gold-evaporated diaphragm true condenser studio-grade microphone with an extended frequency response, giving high definition vocal texture and accurate transient details. A triple-layer windscreens prevents that unwanted close miking pop sound.

- 1/2" gold-coated diaphragm
- Built-in -10dB pad switch
- Built-in 3rd order 150Hz low cut filter (-18 dB/oct)
- Protective rubber cover on switch window to prevent accidental changes
- Wide and uniform frequency response
- Shock mount capsule, very low handling noise
- Conductive shielding, extremely low inherent noise and RF immunity.

WL **Wireless** Please refer to the page 95

Specifications

Type	True condenser, Ø1/2" (Ø12.7 mm)
Polar Pattern	Cardioid
Frequency Response	20-20,000 Hz
Low Frequency Filter	150 Hz @18 dB/oct
Pad	-10 dB
Sensitivity	-45 dBV/pa(5.6 mV)
Output Impedance	250 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	76 dB
Equivalent Output Noise	18 dB
Max. SPL	148 dB SPL
Dynamic Range	130 dB
Power Requirements	48V DC, 3.5 mA
Finish	Titanium grey
Connector	XLR3M
Dimensions	Ø48 x 180 mm (Ø1.89" x 7.09")
Net Weight	350 g (12.3 oz)
Accessories Furnished	HM38S mic clip with screw knob YA2 threaded adapter Pouch
Optional Accessories	S40 windscreen PS2A phantom power supply
Packaging	Colorful outer packaging



S125



PRO238C **WL**

Vocal Condenser Microphone

Lead Vocal / Strings / Winds / DAW

The PRO238C is a versatile cardioid condenser microphone with superb electro-acoustic characteristics and anti-roll design. This microphone is ideal for live stage and instrument amplification, midi and DAW. Due to its low handling noise, it is ideal for professional handheld vocal use as well as for conferences and interviews.

- Optimal low frequency response and proper elevation in mid-high frequency band
- High SPL durability, wide dynamic range
- Low handling noise and double layer POP filter
- Anti-roll structure design

WL Wireless Please refer to the page 95

Specifications

Type	Back electret, Ø14 mm (Ø0.55")
Polar Pattern	Cardioid
Frequency Response	50-16,000 Hz
Sensitivity	-44 dBV/Pa (6.3 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	70 dB
Equivalent Output Noise	24 dB
Max. SPL	136 dB SPL
Dynamic Range	112 dB
Power Requirements	9-52V DC, 3 mA
Finish	Titanium blue
Connector	XLR3M
Dimensions	Ø45 × 180 mm (Ø1.77" × 7.09")
Net Weight	240 g (8.5 oz)
Accessories Furnished	HM38S clip with screw knob YA2 threaded adapter
Packaging	A1 protective carrying case Colorful outer sleeve



PRO108 **NEW**

Vocal Dynamic Microphone

Lead Vocal / Back-Up Vocal

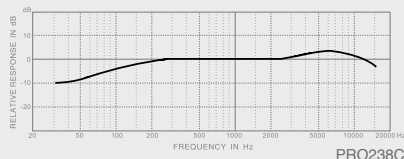
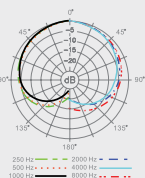
The PRO108 is a brand-new dynamic vocal microphone with performance standards beyond even the successful D108B. It has an impressively pure, warm, and rich musical sound profile. With over 30 years of development and research, the PRO108 is ideal for capturing high SPL levels and transient response during performances on stage. It can deliver a powerful, clear sound to the audience with ease. This dynamic vocal microphone also exhibits exceptionally uniform frequency response, not only on-axis, but also off-axis, to maintain a consistent sound profile.

The PRO108 will satisfy even the stringent demands of professionals.

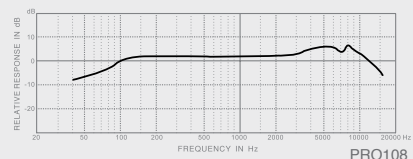
- Off-axis feedback suppressed
- Extremely low handling noise
- Special transformer output
- Custom double-layer dome diaphragm design with ribs

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-54 dBV/Pa (2 mV)
Output Impedance	300 Ω
Min. Load Impedance	300 Ω
Max. SPL	150 dB SPL
Finish	Titanium grey
Connector	XLR3M
Dimensions	Ø54 × 180 mm (Ø2.13" × 7.09")
Net Weight	340 g (12 oz)
Accessories Furnished	HM38S clip with screw knob YA2 threaded adapter Pouch
Packaging	Colorful outer packaging



PRO238C



PRO108



TOP248/S WL

Vocal Dynamic Microphone

Lead Vocal / Back-Up Vocal / Speech

The TOP248 microphone is designed for professional vocal and instrument live sound applications. This dynamic supercardioid microphone incorporates neodymium magnets and an aluminum voice coil on a double membrane diaphragm. Due to the 60-240 Hz band boosting, the TOP248 sound is more powerful in the low frequency band, yet has great texture detail in the high frequency band. The TOP248 is ideally suited for lead vocals in popular music, soul and Jazz.

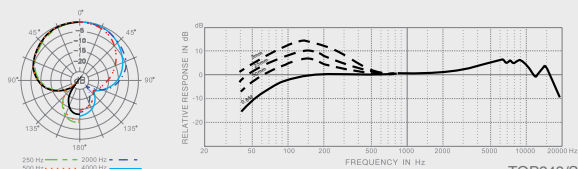
- Typical vocal frequency response
- Powerful in the low frequency band and more texture detail in the high frequency band
- High gain before feedback
- Low handling noise

The TOP248S model is the TOP248 with a lockable on/off switch.

WL Wireless Please refer to the page 95

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-54 dBV/Pa (2 mV)
Output Impedance	300 Ω
Min. Load Impedance	300 Ω
Max. SPL	150 dB SPL
Finish	Black
Connector	XLR3M
Dimensions	Ø54 x 180 mm (Ø2.13" x 7.09")
Net Weight	340 g (12 oz)
Accessories Furnished	HM38S clip with screw knob YA2 threaded adapter Pouch
Packaging	Colorful outer packaging



TOP248/S



TOP258

Vocal Dynamic Microphone

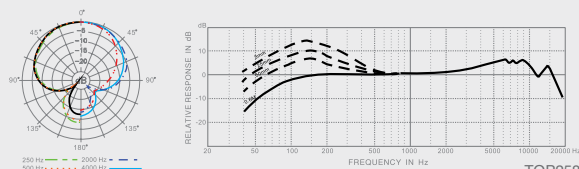
Lead Vocal / Back-Up Vocal / Speech / Winds / Strings / Percussion

The TOP258 microphone with flat grille is designed for professional vocal and instrument live sound applications. This dynamic supercardioid microphone incorporates neodymium magnets and an aluminum voice coil on a double membrane diaphragm. Due to the 60-240 Hz band boosting, the TOP258 sound is more powerful in the low frequency band, while having more texture detail in the high frequency band to meet professional demands. The TOP258 is equally suitable for strings and percussion.

- Wide frequency response
- Highly intelligible speech reproduction
- High gain before feedback
- Low handling noise
- Suitable for instrument miking

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-54 dBV/Pa (2 mV)
Output Impedance	300 Ω
Min. Load Impedance	300 Ω
Max. SPL	150 dB SPL
Finish	Black
Connector	XLR3M
Dimensions	Ø54 x 180 mm (Ø2.13" x 7.09")
Net Weight	345 g (12.2 oz)
Accessories Furnished	HM38S clip with screw knob YA2 threaded adapter Pouch
Optional Accessories	S40 windscreen
Packaging	Colorful outer packaging



TOP258



PRO248

Vocal Dynamic Microphone

Lead Vocal / Back-Up Vocal

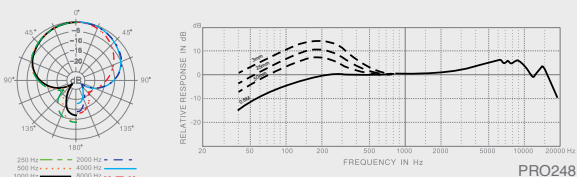
The PRO248 microphone is a professional dynamic supercardioid microphone incorporating reinforced grille, neodymium magnets and an aluminum voice coil on a double membrane diaphragm. Its output transformer gives the PRO248 a wide frequency response, high sensitivity and better directivity, delivering a natural sound with more detail. The PRO248 is suitable for professional live stage performance and studio recording.

- Typical vocal frequency response
- Powerful on the low frequency band, more texture detail on the high frequency band
- High gain before feedback

The PRO248S model is the PRO248 with an on/off switch.

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-54 dBV/Pa (2 mV)
Output Impedance	300 Ω
Min. Load Impedance	300 Ω
Max. SPL	150 dB SPL
Finish	Titanium blue
Connector	XLR3M
Dimensions	Ø52 × 165 mm (Ø2.05" × 6.5")
Net Weight	PRO248: 270 g (9.5 oz) PRO248S: 285 g (10 oz)
Accessories Furnished	HM38S clip with screw knob YA2 threaded adapter
Packaging	A1 protective carrying case Colorful outer sleeve



PRO258

Vocal Dynamic Microphone

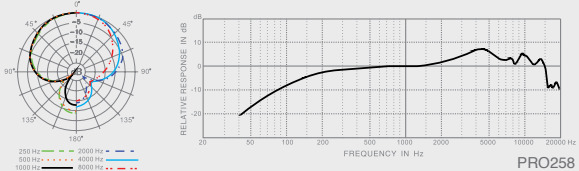
Lead Vocal / Back-Up Vocal / Woodwinds / Strings / Percussion

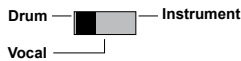
The PRO258 microphone with flat grille is designed for professional vocal and instrument live sound applications. This dynamic supercardioid microphone incorporates neodymium magnets, an aluminum voice coil on a double membrane diaphragm, and an output transformer, giving the PRO258 a wide frequency response and high sensitivity. Its warm, natural sound makes the PRO258 equally suitable for professional vocals, instrument recording, and live performance.

- Wide frequency response
- High intelligible speech reproduction
- High gain before feedback
- Excellent for strings and percussion

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-54 dBV/Pa (2 mV)
Output Impedance	300 Ω
Min. Load Impedance	300 Ω
Max. SPL	150 dB SPL
Finish	Titanium blue
Connector	XLR3M
Dimensions	Ø42 × 165 mm (Ø1.65" × 6.5")
Net Weight	280 g (9.9 oz)
Accessories Furnished	HM38S clip with screw knob YA2 threaded adapter
Packaging	A1 protective carrying case Colorful outer sleeve





3-position capsule switch control
Drum, Vocal, Instrument



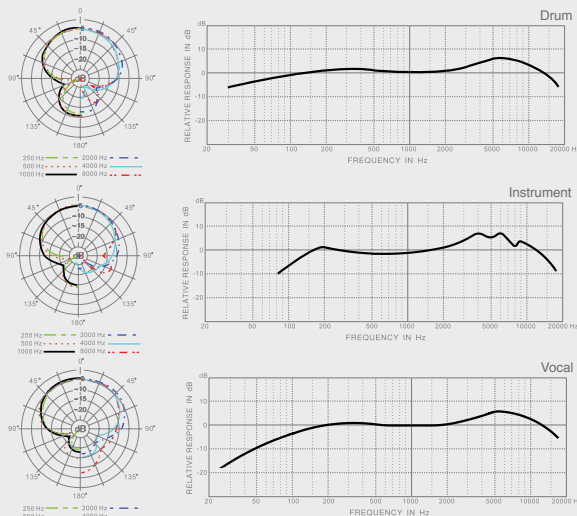
WH5

Classic Microphones

Vocal / Drum / Instrument

The Superlux WH5 dynamic microphone is a trilogy concept microphone with 3 different capsules built-in so that the user can select the capsule for their preferred sound. Classic appearance is integrated with the latest microphone technology for artists who demand a unique "oldies" appearance with "goodies" music performance. The external 3-position capsule switch control selects the right capsule for drums, instrument or vocal pick up.

- Classical appearance, latest technology
- 3 different frequency response capsules in one body
- Typical application for percussion, instrument, and vocal
- On/off control, and 3-position capsule selection control
- Internal shock mount for reducing handling noise
- Tilt limit, and position set mechanism for 45° forward and 80° backward setting
- Chrome polish finish for long-term operation and appearance



Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	Drum: 30~10,000 Hz / Vocal: 50~16,000 Hz / Instrument: 20~12,500 Hz
Sensitivity	Drum: -62 dBV/Pa (0.8mV) / Vocal: -54 dBV/Pa (2.0mV) Instrument: -55 dBV/Pa (1.8mV)
Output Impedance	200 Ω
Min. Load Impedance	200 Ω
Max. SPL	Drum: 147 dB SPL / Instrument: 134 dB SPL / Vocal: 134 dB SPL
Finish	Chrome plated
Connector	XLR3M
Dimensions	Ø80 x 76.5 x 200 mm (Ø3.15" x 3.01" x 7.87")
Net Weight	750 g (26.4 oz)
Accessories Furnished	D1 table stand, YA2 threaded adapter
Packaging	White Box

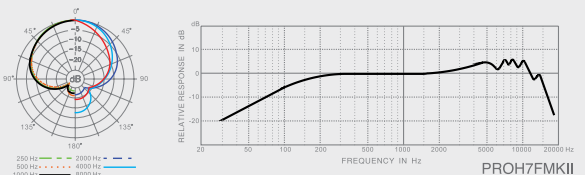
PROH7F MKII

Classic Vocal Microphone

Lead Vocals / Backup Vocals / Spoken Word

The PROH7F MKII is a supercardioid microphone with perfect performance and a classic appearance. Those customers who fondly remember the past, particularly the 50's and 60's golden age of jazz music, will find this microphone especially appealing. Though the PROH7F MKII looks like a vintage instrument, its technical performance is substantially modernized with very advanced specifications adapted to a variety of vocal miking uses.

- Classic and elegant in appearance with a contemporary performance
- Shock-mounted cartridge for minimized mechanical and vibration noise
- A self-tensioning swivel mount permits tilting 45° toward as well as up to 80° away from an audio source for greater flexibility
- External On/off switch
- Polished chrome finish for long-term operation and appearance



Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-15,000 Hz
Sensitivity	-55 dBV/Pa (1.8 mV)
Output Impedance	300 Ω
Min. Load Impedance	1,000 Ω
Max. SPL	134 dB SPL
Finish	Chrome plated
Connector	XLR3M
Dimensions (W x H x D)	56 x 191 x 67.5 mm 2.2" x 7.5" x 2.66"
Net Weight	520 g (18.3 oz)
Accessories Furnished	Pouch, YA2 threaded adapter
Packaging	Colorful outer packaging

D107A D107B NEW D108A D108B WL

Vocal Dynamic Microphone

Lead Vocal / Back-Up Vocal

The Superlux D107 and D108 series are a milestone in the world of professional vocal microphones, exhibiting exceptionally uniform on-axis and off-axis frequency response. The D107 series inherits the balanced tone, natural sound profiles, and structure of the D108 series. With its more compact and ergonomically-designed body and easy handling, the D107 series brings a new concept in professional vocal use.

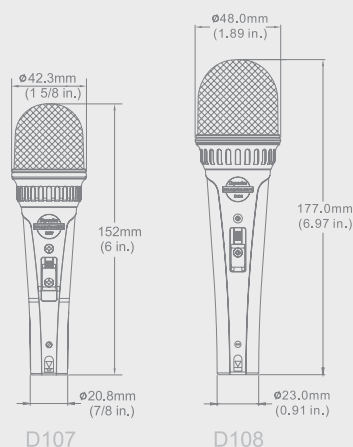
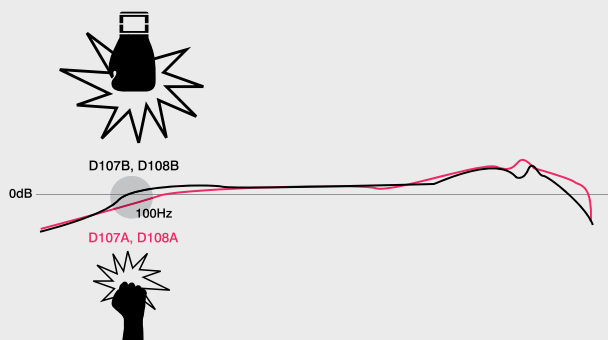
The Superlux D107 and D108 series are supercardioid directivity, suppressing the sound coming from the side and reducing the risk of unwanted acoustic coloration and feed back. The modular design of the capsule with its gold-plated connectors permits easy separation of the grille and capsule from the body of the microphone, facilitating maintenance.

The Superlux D107 and D108 series have the same voicing; the D107 series is a smaller version of the D108 series. They each come in two versions: the D107A and D108A are designed for recording with a tailored vocal sound and are ideal for close miking; the D107B and D108B are best for live sound performance with a tailored bass punch response.

	Application	Tone
D107A D108A	Recording	Meet proximity effect curve, best for close miking
D107B D108B	PA	Low frequency boost for more solid sound

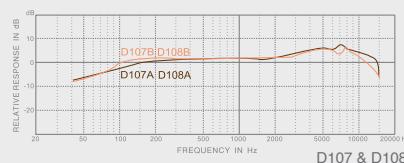
- Flat and clear true sound
- Frequency response is good for intelligibility, with a bright mid-high frequency band while the low frequency band is solid and powerful
- High gain before feedback
- High SPL capacity
- On/off switch with locking function
- Module capsule design, capsule or grille can be turned counterclockwise for easy replacement
- Gold-plated connectors

WL **Wireless** Please refer to the page 95



Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-54 dBV/Pa (2 mV)
Output Impedance	250 Ω
Min. Load Impedance	250 Ω
Max. SPL	150 dB SPL
Finish	D107A / D108A: Titanium grey D107B / D108B: Black
Connector	XLR3M
Dimensions	D107: Ø42.3 × 152 mm (Ø1.67" × 5.98") D108: Ø48 × 177 mm (Ø1.89" × 6.97")
Net Weight	D107: 188 g (6.6 oz) D108: 290 g (10.2 oz)
Accessories Furnished	HM38S clip with screw knob YA2 threaded adapter Pouch
Optional Accessories	S40 windscreen
Packaging	Colorful outer packaging



D107 & D108



D109

High Impedance Microphone

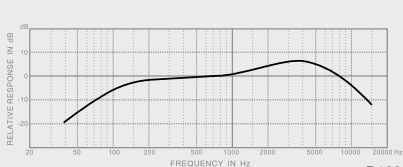
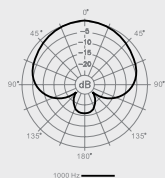
Guitar Amplifier Microphone / High-Impedance Input Device

The D109 is a high impedance, supercardioid dynamic microphone. It has a flat mesh grille, which is an effective pop screen filter against wind noise and close miking. The D109 is an ideal microphone for vocal reinforcement from a guitar amp with a high impedance microphone input or other high impedance input devices.

- High-impedance output
- Clean instrument pick up
- High gain before feedback
- Neodymium magnet with double convex diaphragm
- High signal to noise ratio

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	80-12,500 Hz
Sensitivity	-38 dBV/Pa (12.6 mV)
Output Impedance	20k Ω
Min. Load Impedance	100k Ω
Max. SPL	130 dB SPL
Finish	Titanium grey
Connector	XLR3M
Dimensions	$\varnothing 48 \times 173$ mm ($\varnothing 1.89" \times 6.81"$)
Net Weight	340 g (12 oz)
Accessories Furnished	6-meter mic cable with XLR3M to 6.3 mm TS connector HM38S clip with screw knob YA2 threaded adapter Pouch
Optional Accessories	CP838 low impedance balanced output converter S40 windscreen
Packaging	Colorful outer packaging



D109



D103

Vocal Dynamic Microphone

Vocal / Karaoke

The D103 series microphone features a shock mount capsule structure and double-layer dome diaphragm design that extends the high frequency band response, increasing the stability of the capsule and delivering powerful vocal sounds with lots of detail. The reinforced grille structure makes the D103 series the best for karaoke.

- High quality ND magnet
- Wide dynamic range
- High SPL capacity
- Reinforced grille
- Choose from 4 colors and 2 cables

D103/01P matte black with XLR-6.3 mm cable

D103/01X matte black with XLR-XLR cable

D103/02P matte grey XLR-6.3 mm cable

D103/02X matte grey XLR-XLR cable

D103/13P matte silver XLR-6.3 mm cable

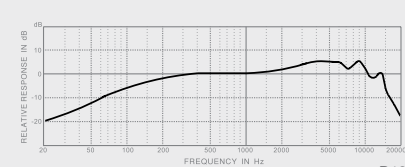
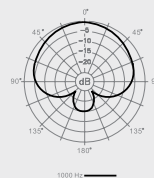
D103/13X matte silver XLR-XLR cable

D103/49P matte golden XLR-6.3 mm cable

D103/49X matte golden XLR-XLR cable

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-15,000 Hz
Sensitivity	-52 dBV/Pa (2.5 mV)
Output Impedance	500 Ω
Min. Load Impedance	500 Ω
Max. SPL	150 dB SPL
Finish	D103 / 01 matte black D103 / 02 matte grey D103 / 13 matte silver D103 / 49 matte golden
Connector	XLR3M
Dimensions	$\varnothing 51.5 \times 165$ mm ($\varnothing 2.03" \times 6.5"$)
Net Weight	300 g (10.6 oz)
Accessories Furnished	HM38 mic clip YA3 threaded adapter 5-meter mic cable with XLR to 6.3 mm TS connector (P) 5-meter mic cable with XLR to XLR connector(X)
Packaging	Colorful outer packaging



D103



FH12/S

Vocal Dynamic Microphone

Lead Vocal / Back-Up Vocal

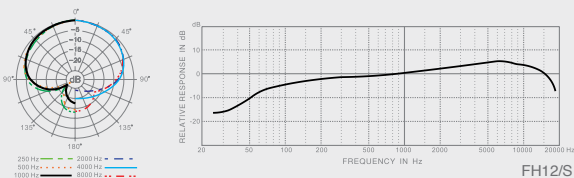
The FH12 and FH12S are vocal microphones of the Sonata Series. Featuring a rounded style pop screen grille and a capsule that can be exchanged simply by un-screwing the cartridge, the FH12 is a supercardioid dynamic microphone that delivers excellent sonic performance. Its transient response and directivity makes it the professional's best choice for capturing that ideal vocal sound .

- Modular design, capsule exchangeable
- High suppression of ambient noise
- High SPL capacity, high dynamic range, low distortion
- Low output impedance
- Powerful ND magnet, high sensitivity

The FH12S model is the FH12 with an on/off switch.

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-56 dBV/Pa (1.6 mV)
Output Impedance	250 Ω
Min. Load Impedance	250 Ω
Max. SPL	134 dB SPL
Finish	Grey
Connector	XLR3M
Dimensions	$\varnothing 49 \times 177$ mm ($\varnothing 1.93" \times 6.97"$)
Net Weight	400 g (14.1 oz)
Accessories Furnished	HM16S mic clip with screw knob YA2 threaded adapter
Optional Accessories	S40 windscreen
Packaging	A2 protective carrying case Colorful outer packaging



FH12/S



FI10

Instrument or Vocal Dynamic Microphone

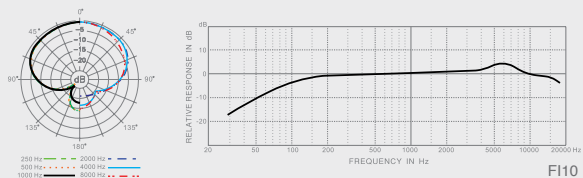
Vocal / Strings / Woodwinds / Percussion

The FI10 is an instrument microphone of the Sonata Series. Its flatter style pop screen grille makes it easy to get close-miking of a musical instrument. The modular design of the capsule with its gold-plated connectors permits easy separation of the grille and capsule from the body of the microphone, facilitating maintenance. With its supercardioid directivity, the FI10 ensures a greatly reduced chance of acoustic feedback.

- Modular design, capsule exchangeable
- Extended high frequency response
- Powerful ND magnet, high sensitivity
- Low output impedance
- Flat metal pop filter that is suitable for all instrument sound pick up

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-18,000 Hz
Sensitivity	-56 dBV/Pa (1.6 mV)
Output Impedance	250 Ω
Min. Load Impedance	250 Ω
Max. SPL	134 dB SPL
Finish	Grey
Connector	XLR3M
Dimensions	$\varnothing 49 \times 173$ mm ($\varnothing 1.93" \times 6.81"$)
Net Weight	395 g (13.9 oz)
Accessories Furnished	HM16S mic clip with screw knob YA2 threaded adapter
Optional Accessories	S40 windscreen
Packaging	A2 protective carrying case Colorful outer packaging



FI10

PRAC1 PRAC3 PRAC5

Vocal Dynamic Microphone



Vocal / Speech

The PRAC series is the most popular supercardioid vocal microphone. It has a typical vocal frequency response, sturdy body structure, round metal grille design, and an on/off switch. This mic set has 3 different packages to meet the demands of stage work.

- Typical vocal frequency response
- Powerful on low frequency band, more texture detail on high frequency band
- High gain before feedback
- 3 different packages

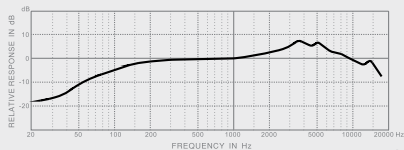
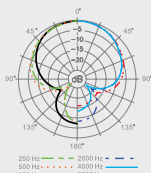
PRAC1: 1 PRAC package

PRAC3: 3 PRAC package

PRAC5: 5 PRAC package

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-54 dBV/Pa (2 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
Max. SPL	140 dB SPL
Finish	Grey
Connector	XLR3M
Dimensions	$\varnothing 53 \times 180$ mm ($\varnothing 2.09" \times 7.09"$)
Net Weight	363 g (12.8 oz)
Accessories Furnished	HM42A mic clip YA2 threaded adapter
Optional Accessories	S40 windscreen
Packaging	C1: A2 protective carrying case Colorful outer packaging C3, C5: A3 protective carrying case Colorful outer packaging



PRAC

PRAD1 PRAD3 PRAD5

Vocal Dynamic Microphone



Vocal / Speech / Percussion

The PRAD series is the most popular supercardioid vocal/instrument microphone. It has a typical vocal frequency response, sturdy body structure and flat metal grille design, making it also suitable for instrument sound pick up. This mic set has 3 different packages to meet the demands of stage work.

- Flat metal grille design
- Typical vocal frequency response
- Powerful on low frequency band, more texture detail on high frequency band
- High gain before feedback
- Powerful ND magnet, high sensitivity
- 3 different packages

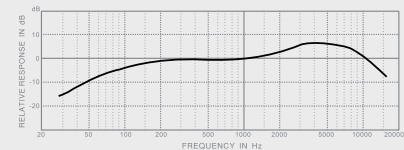
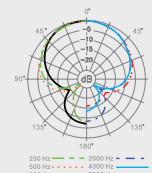
PRAD1: 1 PRAD package

PRAD3: 3 PRAD package

PRAD5: 5 PRAD package

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-54 dBV/Pa (2 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
Max. SPL	140 dB SPL
Finish	Grey
Connector	XLR3M
Dimensions	$\varnothing 53 \times 180$ mm ($\varnothing 2.09" \times 7.09"$)
Net Weight	370 g (13 oz)
Accessories Furnished	HM42A mic clip YA2 threaded adapter
Optional Accessories	S40 windscreen
Packaging	D1: A2 protective carrying case Colorful outer packaging D3, D5: A3 protective carrying case Colorful outer packaging



PRAD



ECO88S 6 PACK

Vocal Dynamic Microphone

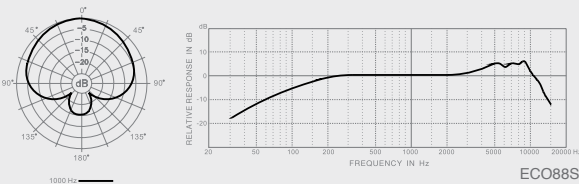
Vocal / Speech

The ECO88S 6 PACK is a 6 in one package, with zinc alloy body, reinforced grille and supercardioid directivity. It is built for the general user and suitable for all applications, which makes this economic design the best value choice for sound reinforcement.

- 6 pack, high value
- Nd magnet capsule, high sensitivity
- Reinforced metal grille

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	80-12,000 Hz
Sensitivity	-53 dBV/Pa (2.2 mV)
Output Impedance	500 Ω
Min. Load Impedance	500 Ω
Max. SPL	130 dB SPL
Finish	Titanium blue
Connector	XLR3M
Dimensions	$\varnothing 54 \times 180$ mm ($\varnothing 2.13" \times 7.09"$)
Net Weight	250 g (8.8 oz)
Accessories Furnished	HM9A mic clip YA2 threaded adapter Pouch
Packaging	Colorful outer packaging



ECO88S



ECO1

Vocal Microphone

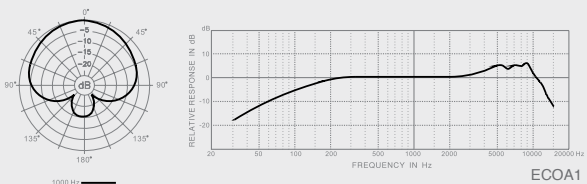
Vocal / Speech

ECO1 is sturdy, yet economical, suitable for all general stage sound reinforcement applications.

- Nd magnet capsule, high sensitivity
- Zinc alloy die-casting case
- A skid-proof, anti-roll design at the end of the mic

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	80-12,000 Hz
Sensitivity	-53 dBV/Pa (2.2 mV)
Output Impedance	500 Ω
Min. Load Impedance	500 Ω
Max. SPL	130 dB SPL
Finish	Black
Connector	XLR3M
Dimensions	$\varnothing 51 \times 175$ mm ($\varnothing 2" \times 6.89"$)
Net Weight	210 g (7.4 oz)
Accessories Furnished	HM9A mic clip, punch
Packaging	Blister packaging



ECO1

Headworn Microphones



PRA20

Headworn Dynamic Microphone

Speeches / Presentations / Conferences

The PRA20 is a head-worn dynamic microphone with no proximity effect when used in close miking applications, avoiding those unwanted "pop" sounds. These microphones have a light-weight, comfortable steel wire design and a tailored vocal frequency response that increases the intelligibility of speech. The PRA20 does not require phantom power and is especially suitable for all vocal miking.

- Strong and flexible gooseneck allows precise placement of microphone to capture the perfect sound
- No proximity effect, excellent wearing comfort
- Smooth, natural sound
- PRA20, PRA20TQG are for wireless systems

PRA20 1/8" (3.5 mm) TRS screw-on connector

PRA20TQG TA4F connector for wireless

PRA20XLR XLR3M connector

WL Wireless Please refer to the page 95



PRA30

Headworn Condenser Microphone

Vocals / Guitarists / Dancers / Drummers

The PRA30 is a high-quality headworn condenser microphone with an elastic steel frame, adjustable headband and no proximity effect, thereby avoiding those unwanted "pop" sounds when used in close miking applications. The PRA30 microphone provides a tailored vocal frequency response that increases intelligibility, making it especially suitable for singers or active dancers who can't use a handheld microphone.

- Strong and flexible gooseneck microphone, allows precise placement of microphone to capture the perfect sound
- Adjustable headband insures a perfect fit
- Excellent comfort
- Temperature and humidity protection structure
- Smooth, natural sound
- PRA30, PRA30TQG are for wireless systems

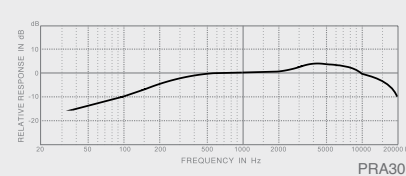
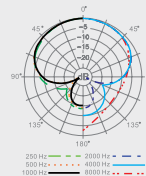
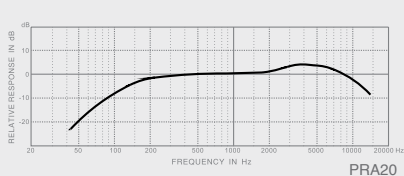
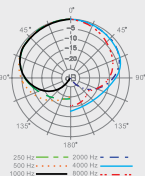
PRA30 1/8" (3.5 mm) TRS connector

PRA30TQG TA4F connector, for wireless system

PRA30XLR TA3F connector for a PS-418S preamp (powered by phantom)

PRA30DXLR TA3F connector for a PS-418D preamp (either battery or phantom)

Specifications	WL		WL		
Model No.	PRA20	PRA30	PRA30TQG	PRA30XLR	PRA30DXLR
Type	Dynamic	Back electret, Ø14 mm (Ø0.55")	Back electret, Ø14 mm (Ø0.55")	Back electret, Ø14 mm (Ø0.55")	Back electret, Ø14 mm (Ø0.55")
Polar Pattern	Cardioid	Supercardioid	Supercardioid	Supercardioid	Supercardioid
Frequency Response	50-15,000 Hz	50-15,000 Hz	50-15,000 Hz	50-15,000 Hz	50-15,000 Hz
Low Frequency Filter	N/A	N/A	N/A	N/A	80Hz, 12dB/oct
Sensitivity	-64 dBV/Pa (0.6 mV)	-46 dBV/Pa (5 mV)	-35 dBV/Pa (17.8 mV)	Phantom: -40 dBV/Pa (10 mV)	Phantom: -42 dBV/Pa (7.9 mV) Battery: -44 dBV/Pa (6.3 mV)
Output Impedance	200 Ω	200 Ω	200 Ω	200 Ω	Phantom: 200 Ω Battery: 270 Ω
Minimum Load Impedance	1,000 Ω	1,000 Ω	1,000 Ω	1,000 Ω	1,000 Ω
S/N Ratio	N/A	N/A	N/A	70 dB	68 dB
Equivalent Output Noise	N/A	N/A	N/A	24 dB	26 dB
Max.SPL	136 dB SPL	N/A	N/A	136 dB SPL	Phantom: 132 dB SPL Battery: 118 dB SPL
Dynamic Range	N/A	N/A	N/A	112 dB	Phantom: 106 dB Battery: 92 dB
Power Requirements	N/A	2.5~9V DC	2.5~9V DC	Phantom: 12~52V DC, 3.5 mA	Phantom: 9~52V DC, 3.5 mA Battery: 1.5V AA/UM3
Finish	Black	Black	Black	Black	Black
Connector	PRA20: 3.5 mm TRS PRA20TQG: TA4F for wireless system PRA20XLR: XLR3M 1.5-meter cable	3.5 mm TRS, 1.5-meter cable	TA4F,1.5-meter cable	TA3F,1.5-meter cable	TA3F,1.5-meter cable
Dimensions	Width: 155 mm (6.1") Gooseneck: 120 mm (4.72") Microphone: Ø16 mm (Ø0.63")	Width: 155 mm (6.1") Gooseneck: 120 mm (4.72") Microphone: Ø17.8 mm (Ø0.7")	Width: 155 mm (6.1") Gooseneck: 120 mm (4.72") Microphone: Ø17.8 mm (Ø0.7")	Width: 155 mm (6.1"); Gooseneck: 120 mm (4.72") Microphone: Ø17.8 mm (Ø0.7") PS418S: Ø21 × 106 mm (Ø0.83" × 4.18")	Width: 155 mm (6.1"); Gooseneck: 120 mm (4.72") Microphone: Ø17.8 mm (Ø0.7") PS418D: H × W × D 84 × 63 × 22.5 mm (3.3" × 2.48" × 0.89")
Net Weight	Microphone: 65 g (2.3 oz)	Microphone: 65 g (2.3 oz)	Microphone: 65 g (2.3 oz)	Microphone: 65 g (2.3 oz) PS418S: 118 g (4.2 oz)	Microphone: 65 g (2.3 oz) PS418D: 245g (8.6 oz)
Accessories Furnished	S11 windscreen, belt clamp	S11 windscreen, belt clamp	S11 windscreen, belt clamp	S11 windscreen, belt clamp, PS418S preamp	S11 windscreen, belt clamp, 1.5V AA alkaline battery, PS418D preamp
Packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging





E10A

Headworn Condenser Microphone

Vocals / Dancers / Drummers / Guitarists

The E10A is a condenser headworn miniature microphone designed for close-up applications where it always keeps the same distance between the mic and the sound source. The improved cable arrangement, flexible headband, and comfortable low-profile outline makes it perfect for long-term wear. It is ideally suited for sports, gyms, interviews, drama, speech, and musicians.

- Professional headworn vocal microphone
- Especially designed for hands-free microphone applications
- Low-profile design, with adjustable band to properly position the microphone
- E10ATQG is for use with wireless systems

E10ATQG TA4F connector for wireless systems
 E10AXLR TA3F connector for PS418S preamp (phantom power only)
 E10ADXLR TA3F connector for the PS418D preamp (either phantom power or battery)

WL Wireless Please refer to the page 95



E10B







Headworn Condenser Figure 8 Microphone

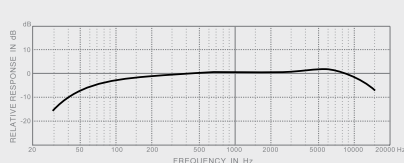
Speech / Drama / Dance Coach

The E10B is a back electret figure 8 headworn condenser mini-microphone with greater intelligibility and newly designed wiring for a sleek look, making it perfect for active users to have a low-profile appearance and long-term wearing comfort. It is designed for dancers, coaches, dramatists and all vocals.

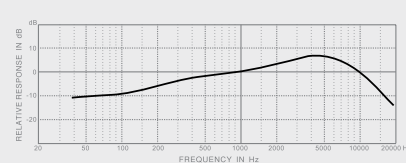
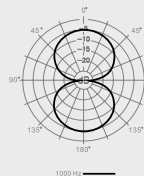
- Figure 8 directivity helps to eliminate ambient noise, giving better intelligibility
- High-quality headworn microphone for hands-free applications.
- Low-profile design, with adjustable band to properly position the microphone.
- E10B TQG is for wireless systems

E10BTQG TA4F for wireless systems
 E10BXLRL TA3F connector for PS418S preamp (phantom power only)
 E10BDXLRL TA3F connector for PS418D preamp (either phantom or battery)

Specifications	 WL			 WL		
Model No.	E10ATQG	E10AXLR	E10ADXLR	E10BTQG	E10BXLRL	E10BDXLRL
Type	Back electret, Ø9.7 mm (Ø0.38")	Back electret, Ø9.7 mm (Ø0.38")	Back electret, Ø9.7 mm (Ø0.38")	Back electret, Ø9.7 mm (Ø0.38")	Back electret, Ø9.7 mm (Ø0.38")	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid	Cardioid	Cardioid	Figure 8, noise-canceling	Figure 8, noise-canceling	Figure 8, noise-canceling
Frequency Response	50-15,000 Hz	50-15,000 Hz	50-15,000 Hz	50-15,000 Hz	50-15,000 Hz	50-15,000 Hz
Low Frequency Filter	N/A	N/A	80Hz@12 dB/oct/(PS418D)	N/A	N/A	80Hz, 12 dB/oct/ (PS418D)
Sensitivity	-36 dBV/Pa (15.8 mV)	-46 dBV/Pa (5 mV)	Phantom: -44 dB (6.31 mV) Battery: -45 dB (5.6 mV)	-33 dBV/Pa (22.4 mV)	-42 dBV/Pa (7.9 mV)	Phantom: -42 dBV/Pa (7.9 mV) Battery: -40 dBV/Pa (10 mV)
Output Impedance	200 Ω	200 Ω	Phantom: 200 Ω Battery: 600 Ω	200 Ω	200 Ω	Phantom: 200 Ω Battery: 600 Ω
Minimum Load Impedance	1,000 Ω	1,000 Ω	Phantom: 1,000 Ω Battery: 2,000 Ω	1,000 Ω	1,000 Ω	Phantom: 1,000 Ω Battery: 2,000 Ω
S/N Ratio	N/A	72 dB	Phantom: 72 dB Battery: 73 dB	N/A	76 dB	71 dB
Equivalent Output Noise	N/A	22 dB	Phantom: 22 dB Battery: 21 dB	N/A	18 dB	23 dB
Max. SPL	N/A	145 dB SPL	Phantom: 134 dB SPL Battery: 128 dB SPL	N/A	141 dB SPL	Phantom: 137 dB SPL Battery: 127 dB SPL
Dynamic Range	N/A	125 dB SPL	Phantom: 112 dB Battery: 107 dB	N/A	123 dB	Phantom: 114 dB Battery: 104 dB
Power Requirements	1.5~9V DC	12~52V DC, 3.5 mA	Phantom: 12~52V DC, 3.5 mA Battery: 1.5VDC AA/UM3	1.5~9V DC	Phantom: 12~52V DC, 3.5 mA	Phantom: 12~52V DC, 3.5 mA Battery: 1.5VDC (AA)
Finish	Black	Black	Black	Black	Black	Black
Connector	TA4F, 1.5-meter cable	TA3F, 1.5-meter cable	TA3F, 1.5-meter cable	TA4F, 1.5-meter cable	TA3F, 1.5-meter cable	TA3F, 1.5-meter cable
Dimensions	Width: 166 mm (6.5"); Gooseneck: 100 mm (3.94") Microphone: Ø12.5 mm (Ø0.5") Ø12.5 mm (Ø0.5")	Width: 166 mm (6.5"); Gooseneck: 100 mm (3.94") Microphone: Ø12.5 mm (Ø0.5") PS418S: Ø21 x 106 mm (Ø0.83" x 4.18")	Width: 166 mm (6.5"); Gooseneck: 100 mm (3.94") Microphone: Ø12.5 mm (Ø0.5") PS418D: H x W x D 84 x 63 x 22.5 mm (3.3" x 2.48" x 0.89")	Width: 166 mm (6.5"); Gooseneck: 100 mm (3.94") Microphone: Ø12.5 mm (Ø0.5")	Width: 166 mm (6.5"); Gooseneck: 100 mm (3.94") Microphone: Ø12.5 mm (Ø0.5") PS418S: Ø21 x 106 mm (Ø0.83" x 4.18")	Width: 166 mm (6.5"); Gooseneck: 100 mm (3.94") Microphone: Ø12.5 mm (Ø0.5") PS418D: H x W x D 84 x 63 x 22.5 mm (3.3" x 2.48" x 0.89")
Net Weight	Microphone: 40 g (1.4 oz)	Microphone: 40 g (1.4 oz) PS418S: 118 g (4.2 oz)	Microphone: 40 g (1.4 oz) PS418D: 245 g (8.6 oz)	Microphone: 40 g (1.4 oz)	Microphone: 40 g (1.4 oz) PS418S: 118 g (4.2 oz)	Microphone: 40 g (1.4 oz) PS418D: 245 g (8.6 oz)
Accessories Furnished	S23 windscreen	S23 windscreen PS418S preamp	S23 windscreen, 1.5V AA alkaline battery, PS418D preamp	S23 windscreen	S23 windscreen PS418S preamp	S23 windscreen, 1.5V AA alkaline battery, PS418D preamp
Packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging



E10A



E10B

Lavaliere Microphones



E12A

Miniature Omni Condenser Lavalier Microphone




TV / Broadcast / Speech / General Purpose

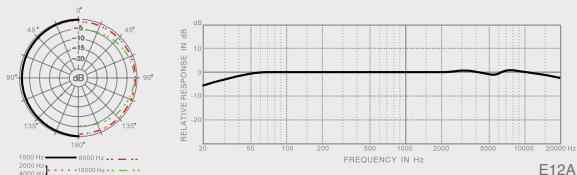
The E12A omni lavalier mini clip-on condenser microphone is ideal for inconspicuous recording. Its tailored frequency response gives accurate, intelligible speech recognition, making it well suited for the interview programs of TV and radio stations for recording where ambient noise is not an issue.

- Miniature shape
- Flat and wide frequency response
- Tailored frequency response that gives proper emphasis to speech intelligibility
- E12ATQG is for wireless systems

E12ATQG TA4F connector for wireless system
E12AXLR TA3F connector for PS418S preamp (phantom power only)
E12ADXL TA3F connector for PS418D preamp (either phantom power or battery)

WL Wireless Please refer to the page 95

Specifications	 WL		
Model No.	E12ATQG	E12AXLR	E12ADXL
Type	Back electret, Ø4 mm (Ø0.16")	Back electret, Ø4 mm (Ø0.16")	Back electret, Ø4 mm (Ø0.16")
Polar Pattern	Omni	Omni	Omni
Frequency Response	20-20,000 Hz	20-20,000 Hz	20-20,000 Hz
Low Frequency Filter	N/A	N/A	80Hz, 12 dB / oct / (PS418D)
Sensitivity	-33 dBV/Pa (22.4 mV)	-42 dBV/Pa (7.9 mV)	Phantom: -42 dBV/Pa (7.9 mV) Battery: -47 dBV/Pa (4.5 mV)
Output Impedance	200 Ω	200 Ω	Phantom: 200 Ω Battery: 600 Ω
Min. Load Impedance	1,000 Ω	1,000 Ω	Phantom: 1,000 Ω Battery: 2,000 Ω
S/N Ratio	N/A	76 dB	Phantom: 76 dB Battery: 74 dB
Equivalent Output Noise	N/A	18 dB	Phantom: 18 dB Battery: 20 dB
Max. SPL	N/A	137 dB SPL	Phantom: 137 dB SPL Battery: 129 dB SPL
Dynamic Range	N/A	119 dB	Phantom: 119 dB Battery: 109 dB
Power Requirements	2.5~9V DC	12~52V DC, 3.5 mA	Phantom: 12~52V DC, 3.5 mA Battery: 1.5VDC AA/UM3
Finish	Black	Black	Black
Connector	TA4F, 1.5-meter cable	TA3F, 1.5-meter cable	TA3F, 1.5-meter cable
Dimensions	Microphone: 10.5 x 7 x 4 mm (0.41" x 0.28" x 0.6")	Microphone: 10.5 x 7 x 4 mm (0.41" x 0.28" x 0.6") PS418S: Ø21 x 106 mm (Ø0.83" x 4.18")	Microphone: 10.5 x 7 x 4 mm (0.41" x 0.28" x 0.6") PS418D: H x W x D 84 x 63 x 22.5 mm (3.3" x 2.48" x 0.89")
Net Weight	19 g (0.7 oz)	Microphone: 19 g (0.7 oz) PS418S: 118 g (4.2 oz)	Microphone: 19 g (0.67 oz) PS418D: 245 g (8.6 oz)
Accessories Furnished	S53 windscreen, clamp	S53 windscreen, clamp PS418S preamp	S53 windscreen, clamp, 1.5V AA alkaline battery PS418D preamp
Packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging



WO518

Miniature Omni Condenser Lavaliers Microphone

TV Broadcasting / Speech / Cello / Double Bass / Eastern Strings

The WO518 is an omni lavaliers clip-on condenser microphone with a frequency response tailored to give accurate, intelligible speech recognition. It is ideally suited for the interview programs of TV broadcasting and video production. The extended bass frequency range of this mic makes it the best choice for cello and double bass sound pick-up.

- Boosted wire mesh grille increases the HF response
- Wind screen foam to reduce those unwanted "pop" sounds
- Flat and wide frequency response, high SPL, high dynamic range, low distortion
- WO518TQG is for wireless systems

WO518TQG TA4F connector for wireless system

WO518XLR TA3F connector for PS418S preamp (phantom power only)

WO518DXLR TA3F connector for PS418D preamp (either phantom power or battery)

WU518

Miniature Cardioid Condenser Lavaliers Microphone

Speech / Eastern String / General Purpose

The WU518 is a unidirectional electret lavaliers condenser clip-on microphone for inconspicuous recording. The cardioid directivity suppresses the ambient sound, giving high gain before feedback, making this mic especially suitable for live performance sound reinforcement.







- Boosted wire mesh grille increases the HF response
- Built-in 1.5-meter (5') cable
- Phantom or battery power
- WU518TQG is for wireless systems

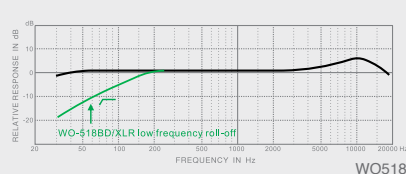
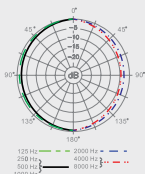
WU518TQG TA4F connector for wireless systems

WU518XLR TA3F connector for PS418S preamp (phantom power only)

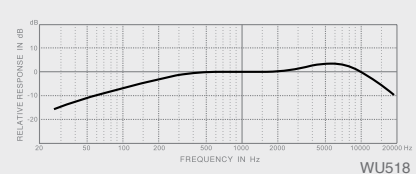
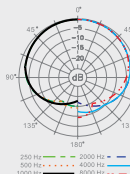
WU518DXLR TA3F connector for PS418D preamp (either phantom power or battery)

WL Wireless Please refer to the page 95

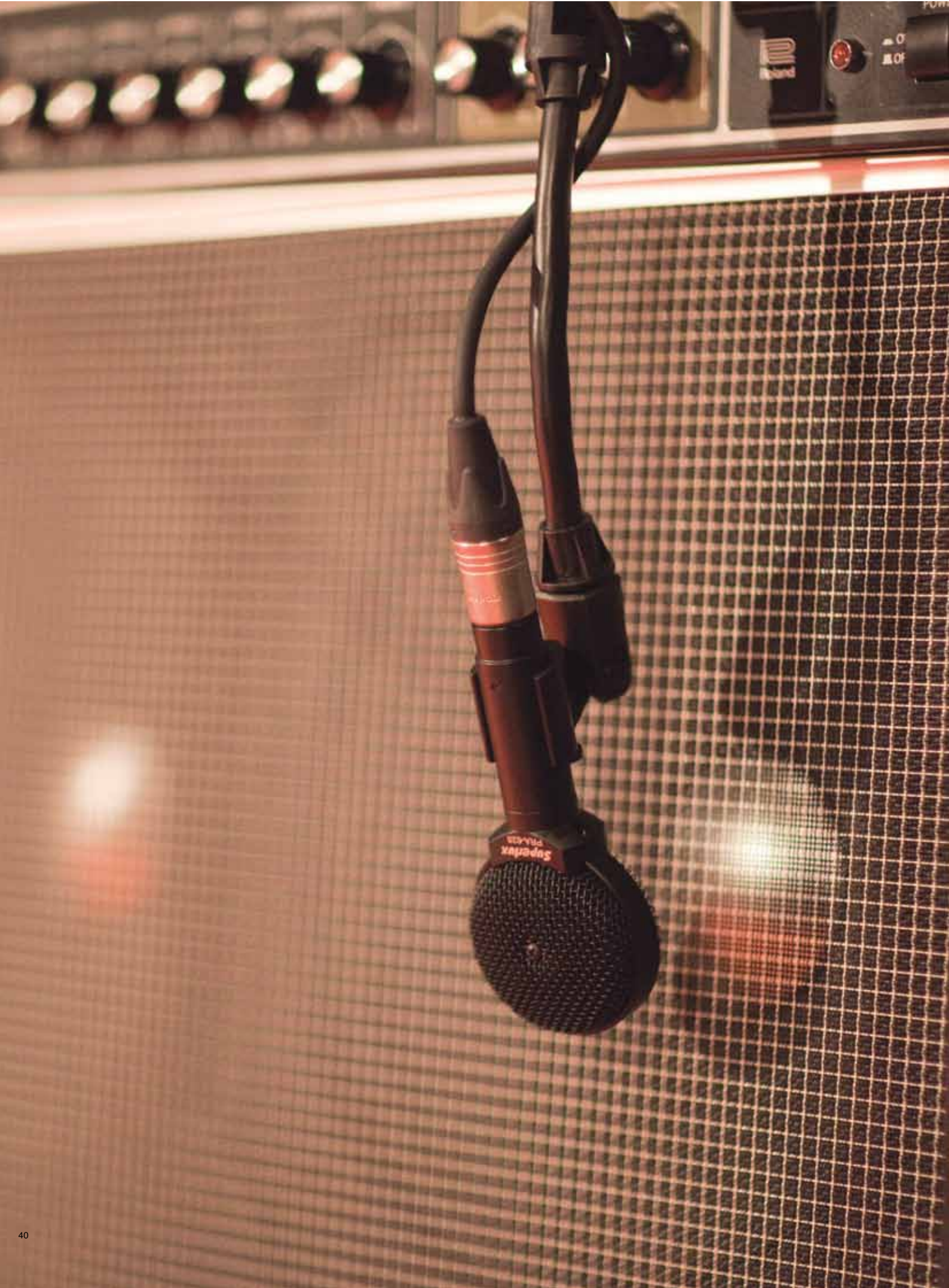
Specifications	 WL			 WL		
Model No.	WO518TQG	WO518XLR	WO518DXLR	WU518TQG	WU518XLR	WU518DXLR
Element	Back electret, Ø6 mm (Ø0.24")	Back electret, Ø6 mm (Ø0.24")	Back electret, Ø6 mm (Ø0.24")	Back electret, Ø6 mm (Ø0.24")	Back electret, Ø6 mm (Ø0.24")	Back electret, Ø6 mm (Ø0.24")
Polar Pattern	Omni	Omni	Omni	Cardioid	Cardioid	Cardioid
Frequency response	20-20,000 Hz	20-20,000 Hz	20-20,000 Hz	60-15,000 HZ	60-15,000 HZ	60-15,000 HZ
Low Frequency Filter	N/A	N/A	80Hz@12 dB / oct / (PS418D)	N/A	N/A	80Hz@12 dB / oct / (PS418D)
Sensitivity	-32 dBV/Pa (25.1 mV)	-44 dBV/Pa (6.3 mV)	Phantom: -40 dBV/Pa (10 mV) Battery: -43 dBV/Pa (7.1 mV)	-33 dBV/Pa (22.4 mV)	-45 dBV/Pa (5.6 mV)	Phantom: -46 dBV/Pa (5 mV) Battery: -48 dBV/Pa (4 mV)
Output Impedance	200 Ω	200 Ω	Phantom: 200 Ω Battery: 600 Ω	200 Ω	200 Ω	Phantom: 200 Ω Battery: 600 Ω
Min. Load Impedance	1,000 Ω	1,000 Ω	Phantom: 1,000 Ω Battery: 2,000 Ω	1,000 Ω	1,000 Ω	Phantom: 1,000 Ω Battery: 2,000 Ω
S/N Ratio	N/A	72 dB	Phantom: 76 dB Battery: 75 dB	N/A	72 dB	Phantom: 70 dB Battery: 70 dB
Equivalent Output Noise	N/A	22 dB	Phantom: 18 dB Battery: 19 dB	N/A	22 dB	Phantom: 24 dB Battery: 24 dB
Max. SPL	N/A	132 dB SPL	Phantom: 130 dB SPL Battery: 126 dB SPL	N/A	133 dB	Phantom: 137 dB SPL Battery: 131 dB SPL
Dynamic Range	N/A	110 dB	Phantom: 112 dB Battery: 107 dB	N/A	111 dB	Phantom: 113 dB Battery: 107 dB
Power Requirements	1.5~9V DC	12~52V DC, 3.5 mA	Phantom: 12~52V DC, 3.5 mA Battery: 1.5VDC AA/UM3	1.5~9V DC	Phantom: 12~52V DC, 3.5 mA	Phantom: 12~52V DC, 3.5 mA Battery: 1.5VDC AA/UM3
Finish	Black	Black	Black	Black	Black	Black
Connector	TA4F, 1.5-meter cable	TA3F, 1.5-meter cable	TA3F, 1.5-meter cable	TA4F, 1.5-meter cable	TA3F, 1.5-meter cable	TA3F, 1.5-meter cable
Dimensions	Microphone: Ø8 x 12 mm (Ø0.31" x 0.47") PS418S: Ø21 x 106 mm (Ø0.83" x 4.18")	Microphone: Ø8 x 12 mm (Ø0.31" x 0.47") PS418S: Ø21 x 106 mm (Ø0.83" x 4.18")	Microphone: Ø8 x 12 mm (Ø0.31" x 0.47") PS418D: H x W x D 84 x 63 x 22.5 mm (3.3" x 2.48" x 0.89")	Microphone: Ø8 x 12 mm (Ø0.31" x 0.47") PS418S: Ø21 x 106 mm (Ø0.83" x 4.18")	Microphone: Ø8 x 12 mm (Ø0.31" x 0.47") PS418S: Ø21 x 106 mm (Ø0.83" x 4.18")	Microphone: Ø8 x 12 mm (Ø0.31" x 0.47") PS418D: H x W x D 84 x 63 x 22.5 mm (3.3" x 2.48" x 0.89")
Net Weight	Microphone: 20 g (0.7 oz)	Microphone: 20 g (0.7 oz) PS418S: 118 g (4.2 oz)	Microphone: 20 g (0.7 oz) PS418D: 245 g (8.6 oz)	Microphone: 20 g (0.7 oz)	Microphone: 20 g (0.7 oz) PS418S: 118 g (4.2 oz)	Microphone: 20 g (0.7 oz) PS418D: 245 g (8.6 oz)
Accessories Furnished	S12 HF boost windscreen, S13 windscreen, clip, PS418S preamp	S12 HF boost windscreen, S13 windscreen, clip, PS418S preamp	S12 HF boost windscreen, S13 windscreen, clip, 1.5V AA alkaline battery, PS418D preamp	S12 HF boost windscreen, S13 windscreen, clip, PS418S preamp	S12 HF boost windscreen, S13 windscreen, clip, PS418S preamp	S12 HF boost windscreen, S13 windscreen, clip, 1.5V AA alkaline battery, PS418D preamp
Packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging



WO518



WU518



Instrument Microphones & Drum Sets

Instrument Microphones



PRA383

Clip-On Microphone with Gooseneck

Strings / Winds / Percussion / Brass

The PRA383 is ideal for saxophones, woods, strings and percussion because of its high SPL capability and flat response. The PRA383 is easy to clip onto various instruments and simple to adjust by bending the short gooseneck for the sweet spot. A good choice for mid-high frequency range instrument sound pick-up, the PRA383 is a necessity for both live sound and studio recording.




- Gooseneck with clip can be easily installed on brass and string instruments
- Cardioid polar pattern suppresses sound from rear and sides
- Built-in 1.5-meter cable for connecting to a preamplifier device

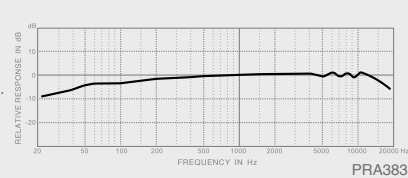
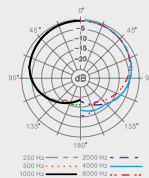
PRA383TQG TA4F connector for wireless system with a 1.5-meter cable

PRA383XLR TA3F connector for PS418S preamp (phantom power only)

PRA383DXLR TA3F connector for PS418D preamp (either phantom power or battery)

WL Wireless Please refer to the page 95

Specifications	 WL		
Model No.	PRA383TQG	PRA383XLR	PRA383DXLR
Type	Back electret, Ø9.7 mm (Ø0.38")	Back electret, Ø9.7 mm (Ø0.38")	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid	Cardioid	Cardioid
Frequency Response	40-18,000 Hz	40-18,000 Hz	40-18,000 Hz
Low Frequency Filter	N/A	N/A	80 Hz@12 dB/oct (PS418D)
Sensitivity	-44 dBV/Pa (6.3 mV)	-42 dB/Pa (7.8 mV)	Phantom Power: -44 dBV/Pa (6.3 mV) Battery: -45 dB/Pa (5.6 mV)
Output Impedance	200 Ω	200 Ω	Phantom power: 200 Ω Battery: 600 Ω
Min. Load Impedance	1,000 Ω	1,000 Ω	Phantom power: 1,000 Ω Battery: 2,000 Ω
S/N Ratio	N/A	71 dB	Phantom power: 72 dB Battery: 73 dB
Equivalent Output Noise	N/A	23 dB	Phantom power: 22 dB Battery: 21dB
Max. SPL	N/A	137 dB SPL	Phantom Power: 139 dB SPL Battery: 129 dB SPL
Dynamic Range	N/A	114 dB	Phantom Power: 117 dB Battery: 108 dB
Power Requirements	3-12V DC	12-52V DC, 3.5 mA	12-52V DC, 3.5 mA
Finish	Black	Black	Black
Connector	TA4F, 1.5-meter cable	TA3F, 1.5-meter cable	TA3F, 1.5-meter cable
Dimensions	Microphone: Ø12.5 x 27 mm (Ø0.5" x 1.1") (Ø0.5" x 1.1")	Microphone: Ø12.5 x 27 mm (Ø0.5" x 1.1") PS418S: Ø21 x 106 mm (Ø0.83"x4.18")	Microphone: Ø12.5 x 27 mm (Ø0.5" x 1.1") PS418D: H x W x D 84 x 63 x 22.5 mm (3.3" x 2.48" x 0.89")
Net Weight	160 g (5.64 oz)	Microphone: 160 g (5.64oz) PS418S: 118 g (4.2 oz)	Microphone: 160 g (5.64 oz) PS418D: 245 g (9.9 oz)
Accessories Furnished	N/A	PS418S preamp	PS418D preamp, 1.5V AA alkaline battery
Packaging	A1 carrying case Colorful outer sleeve	A1 carrying case Colorful outer sleeve	A1 carrying case, colorful outer sleeve





E101

Guitar Microphone



Classical Guitar / Acoustic Guitar

The E101 electret condenser microphone is designed for instrument and vocal pick-up. It is fitted with a specially designed guitar clip to pick up the natural sound texture of an acoustic guitar.



Its cardioid polar pattern enhances on axis signal and rejects sound from the rear. It is suitable for live vocal, drum, and brass sound pick up applications. Mounting accessories are included so that the microphone can be mounted for various uses such as drums, winds, speech, or singing. The E101 is an easy solution for all audio professionals.

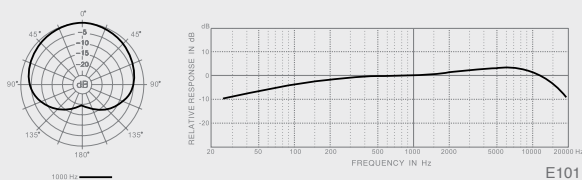
- Wide and uniform frequency response.
- Background noise suppressed, high gain before feedback.
- E101DXLR includes PS418D preamplifier with 80 Hz HPF
- Built-in 1.5-meter cable.

E101TQG TA4F connector for wireless system.

E101DXLR TA3F connector for PS418D preamp (either phantom power or battery)

WL Wireless Please refer to the page 95

Specifications	 WL	
Model No.	E101TQG	E101DXLR
Type	Back electret, Ø9.7 mm (Ø0.38")	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid	Cardioid
Frequency Response	40-18,000 Hz	40-18,000 Hz
Low Frequency Filter	N/A	80 Hz, 12 dB/oct (PS418D)
Sensitivity	-44 dBV/Pa (6.3 mV)	Phantom: -44 dBV/Pa (6.3mV) Battery: -45 dBV/Pa (5.6mV)
Output Impedance	200 Ω	Phantom: 200 Ω Battery: 600 Ω
Min. Load Impedance	1,000 Ω	Phantom: 1,000 Ω Battery: 2,000 Ω
S/N Ratio	N/A	69 dB
Equivalent Output Noise	N/A	25 dB
Max.SPL	N/A	Phantom: 139 dB SPL Battery: 129 dB SPL
Dynamic Range	N/A	Phantom: 114 dB Battery: 104 dB
Power Requirements	3-12V DC	12-52V DC, 4mA
Finish	Black	Black
Connector	TA4F, 1.5-meter cable	TA3F, 1.5-meter cable
Dimensions	Ø12.5 mm (Ø0.5")	Microphone: Ø12.5 mm (Ø0.5") PS418D (H × W × D): 84 × 63 × 22.5 mm (3.3" × 2.48" × 0.89")
Net Weight	30 g (1.06 oz)	Microphone: 30 g (1.06 oz) PS418D: 245 g (9.9 oz)
Accessories Furnished	All models include: spring clip, guitar clip, universal clamp, table clamp, necktie clip, S06 windscreen, E101DXLR equipped with PS418D and 1.5V AA alkaline battery	
Packaging	Colorful outer packaging	Colorful outer packaging



E101




D112

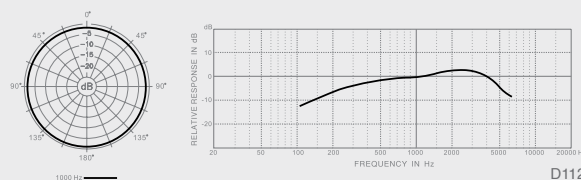
Harmonica Microphone

Harmonica

The D112 is a new Hi-Z blues harmonica microphone with unique curves to fit the hands when playing. It has a level knob for the player to adjust the sound to a suitable level. A permanently attached cable with 1/4" output connector can directly plug into the guitar amplifier or other high impedance devices.

- Hi-Z can directly plug into the guitar amplifier
- Warm and full sound
- Body curves fit the hands when playing.
- 6.3 mm TS output connector
- Permanent 6-meter attached shield cable
- Level knob for player to adjust sound level, center detent included.

Specifications	
Type	Dynamic
Polar Pattern	Omni
Frequency Response	100-6,000 Hz
Sensitivity	-50 dBV/Pa (3.2 mV)
Output Impedance	10 kΩ
Min. Load Impedance	100 kΩ
Max.SPL	140 dB SPL
Finish	Titanium blue
Connector	6.3 mm (1/4"), 6-meter cable
Dimensions	Ø63 × 80 mm (Ø2.48" × 3.15")
Net Weight	650 g (22.93 oz)
Optional Accessories	CP838 impedance converter
Packaging	Colorful outer packaging



D112



PRO218A

Kick Drum Microphone

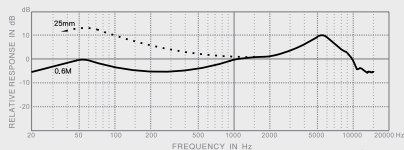
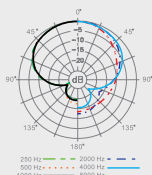
Kick Drum / High Dynamic LF Instrument

The PRO-218A supercardioid dynamic microphone is designed for bass drum, with tailored low frequency response and high SPL capacity up to 174 dB SPL. The PRO218A is best for bass drum or other bass instruments.

- Tailored low frequency response
- High gain before feedback
- High dynamic range
- The DRKB5C2MKII includes 1 PRO218A

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	20-10,000 Hz
Sensitivity	-64 dBV/Pa (0.6 mV)
Output Impedance	45 Ω
Min. Load Impedance	150 Ω
Max. SPL	174 dB SPL
Finish	Titanium blue
Connector	XLR3M
Dimensions	Ø58 × 140 mm (Ø2.28" × 5.51")
Net Weight	350 g (12.3 oz)
Accessories Furnished	HM27S clip with screw knob YA2 threaded adapter Pouch
Packaging	Colorful outer packaging



PRO218A



PRO228A

Tom-Tom Microphone

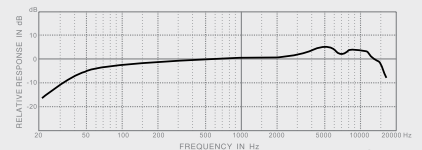
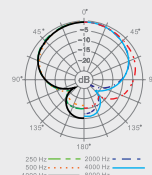
Tom-Tom / Snare / Percussion / Brass

The PRO228A is specially designed for tom-tom with permanent attached microphone clip and a high SPL capacity, up to 150 dB SPL. It is also suitable for brass instruments.

- Flat mid-low frequency band, wide frequency response
- High SPL capacity, high dynamic range, low distortion
- Best for instruments with mid-low frequency
- The DRKB5C2MKII includes 3 PRO228As

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-54 dBV/Pa (2.0 mV)
Output Impedance	300 Ω
Min. Load Impedance	300 Ω
Max. SPL	150 dB SPL
Finish	Titanium blue
Connector	XLR3M
Dimensions	Ø43 × 123 mm (Ø1.69" × 4.84")
Net Weight	180 g (6.52 oz)
Accessories Furnished	Fixed clip with screw knob YA2 threaded adapter Pouch
Packaging	Colorful outer packaging



PRO228A



PRO268B

Overhead Microphone

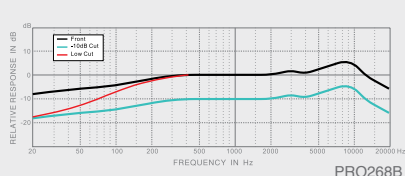
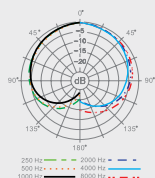
Overhead / Strings / Brass / Mid-High Frequency Instruments

The PRO268B is a back electret condenser microphone for drum set overhead. It is suitable for mid to high frequency instruments. It also features an inter-changeable capsule design.

- Back electret condenser microphone
- Flat low frequency band, mid-high frequency boost response
- High SPL capacity
- Wide dynamic range and low distortion
- High gain before feedback
- Dedicated design for mid-high range instruments
- DRKB5C2MKII includes 2 PRO268Bs

Specifications

Type	Back electret, Ø16 mm (Ø0.63")
Polar Pattern	Cardioid
Frequency Response	40-20,000 Hz
Low Frequency Filter	80 Hz, 12 dB/oct
Pad	-10 dB
Sensitivity	-43 dBV/Pa (7.1 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	69 dB
Equivalent Noise SPL	25 dB
Max.SPL	140 dB SPL
Dynamic Range	115 dB
Power Requirements	12-52V DC, 2 mA
Finish	Titanium blue
Connector	XLR3M
Dimensions	Ø29 × 240 mm (Ø1.14" × 9.45")
Net Weight	270 g (9.5 oz)
Accessories Furnished	HM30S clip with screw knob, YA2 threaded adapter S20 windscreen, Pouch
Packaging	Colorful outer packaging



PRO268B



PRA288A

Snare Microphone

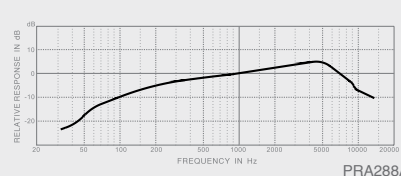
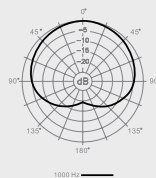
Snare Drum / Clarinet / Suona

The PRA288A is specially designed for snare pick-up. Its tailored frequency response, with low end roll off and slight high end roll off, makes it perfect for mid-high frequency instruments.

- Tailored frequency response for snare drum
- Cardioid directivity ensure high gain before feedback, suppressed ambient noise
- Mini shape, easy to install and hardly noticeable
- Sturdy metal structure
- DRKB5C2MKII includes one PRA288A

Specifications

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	80-20,000 Hz
Sensitivity	-56 dBV/Pa (1.6 mV)
Output Impedance	500 Ω
Min. Load Impedance	500 Ω
Max.SPL	140 dB SPL
Finish	Titanium blue
Connector	XLR3M
Dimensions	Ø29 × 107 mm (Ø1.14" × 4.21")
Net Weight	110 g (3.9 oz)
Accessories Furnished	HM10S clip with screw knob YA2 threaded adapter, Pouch
Packaging	Colorful outer packaging



PRA288A



Value Pack page 57

D10B Hum-bucking

Instrument Microphone



Strings / Brass / Percussion / Acoustic Guitar / Guitar Amplifier

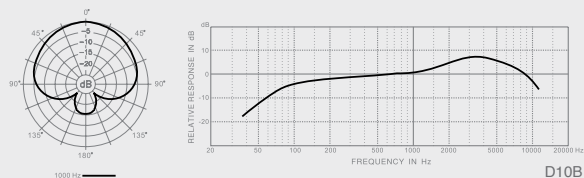
The D10B is a dynamic supercardioid microphone designed for musical instrument live sound and recording applications. The D10B exhibits a wide and flat frequency response and high SPL capacity, making it resistant to distortion. Built-in hum-bucking circuitry effectively reduces interference from electromagnetic waves and other devices.

The shock mount within the D10B also greatly reduces mechanical vibration and stage noises. All metal construction with a strengthened grille makes the D10B very durable for stage use. All accessories like mic clip, drum clamp, and pouch are included to fulfill every application requirement. It is a versatile, high value product.

- Dedicated design for mid-high range instruments
- Supercardioid polar pattern, high gain before feedback
- High SPL capability.
- Hum-bucking coil to reduce interference by power lines and electronic devices
- Value Pack includes microphone clip, shock mount, drum clamp and pouch.

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-18,000 Hz
Sensitivity	-54 dBV/Pa (2.0 mV)
Output Impedance	200 Ω
Min. Load Impedance	200 Ω
Max. SPL	135 dB
Finish	Titanium grey
Connector	XLR3M
Dimensions	Ø42.5 x 144.0 mm (Ø1.67" x 5.67")
Net Weight	220 g (7.8 oz)
Accessories Furnished	HM38S clip with screw knob HM54 shock mount HM25 drum clamp YA2 threaded adapter Pouch
Packaging	Colorful outer packaging



D10B



Value Pack page 57

E124D

Instrument Microphone



Acoustic Guitar / String / Brass / Piano / Percussion / Vocal

The E124D is a unidirectional electret condenser microphone with frequency response tailored to meet the instrument demand for professional musicians and sound engineers in both live performance and sound recording applications. Its smooth, flat frequency response is free of either a presence peak or a low-frequency roll-off, and it is powered by both 1.5V battery or phantom power, making it a perfect choice for musical instrument pick up, reinforcement systems, studio recording, and TV interviews.

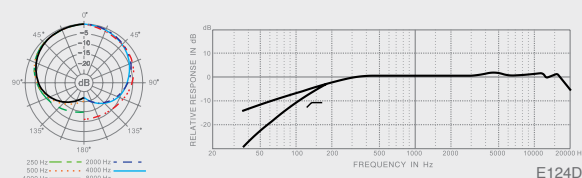
- Best for reproduction of strings, brass and cymbals
- Powered by both 1.5V AA battery or phantom power
- Built-in low cut filter
- Built-in shock mount structure reduces vibrating noise
- Pro-sumer product
- 6-meter microphone cable is included

E124D / P 6-meter XLR3F-6.3 mm TS mic cable

E124D / X 6-meter XLR3F-XLR3M mic cable

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	40-18,000 Hz
Low Frequency Filter	100 Hz, internal
Sensitivity	-50 dBV/Pa (3.2 mV)
Output Impedance	600 Ω
Min. Load Impedance	800 Ω
S/N Ratio	68 dB
Equivalent Output Noise	26 dB
Max. SPL	Phantom: 131 dB SPL Battery: 127 dB SPL
Dynamic Range	Phantom: 105 dB Battery: 101 dB
Power Requirements	Phantom: 12-52V DC, 2mA Battery: 1.5V AA/UM3
Finish	Black
Connector	XLR3M
Dimensions	Ø31 (Ø24) x 205 mm Ø1.22" (Ø0.94") x 8.07"
Net Weight	300 g (10.6 oz)
Accessories Furnished	6-meter microphone cable with XLR3F-XLR3M or XLR3F-1/4" connectors HM38S clip with screw knob YA2 threaded adapter S09 windscreen 1.5V AA alkaline battery, pouch
Optional Accessories	HM32 shock mount
Packaging	Colorful outer packaging



E124D



E100

Boundary Kick Drum Mic

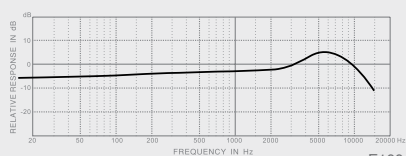
Kick Drum / High SPL Bass Section

Low profile boundary mic with built-in electronics can be easily placed on a pillow or other surface in a kick drum for excellent attack and bass punch. Very high SPL ability and lower open circuit sensitivity matches Kick drum performance characteristics without overloading the mic amplifier in a mixer. The E100 also comes with a fixed installed 1.5-meter cable.

- Cardioid directivity
- High SPL ability
- Powerful low frequency band, no coloration
- Built-in preamplifier circuitry
- Built-in fixed 1.5-meter cable

Specifications

Type	Back electret, Ø14 mm (Ø0.55")
Polar Pattern	Cardioid
Frequency Response	30-18,000 Hz
Sensitivity	-60 dBV/Pa (1 mV)
Output Impedance	600 Ω
Min. Load Impedance	2,000 Ω
S/N Ratio	70 dB
Equivalent Output Noise	24 dB
Max.SPL	149 dB SPL
Dynamic Range	125 dB
Power Requirements	12-52V DC, 4 mA
Finish	Black
Connector	XLR3M
Dimensions	Ø85 × 20.5 mm (Ø3.35" × 0.81")
Net Weight	270 g (9.5 oz)
Accessories Furnished	Pouch
Packaging	Colorful outer packaging



E100



E102

Instrument Microphone

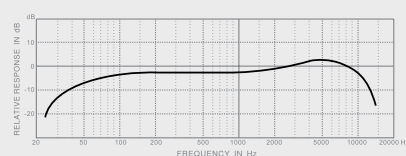
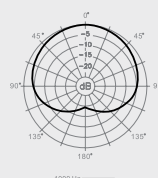
Piano / Percussion / Strings / Brass

Small diaphragm electret condenser is suitable for high frequency signal pickup. It's especially suitable for overheads, cymbals in a drum set, or mid-high frequency range instruments.

- Good mid-high frequency response
- High SPL, high dynamic range, low distortion
- Delicated high frequency, bright mid range

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	50-16,000 Hz
Sensitivity	-43 dBV/Pa (7.1 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	75 dB
Equivalent Output Noise	19 dB
Max.SPL	149 dB SPL
Dynamic Range	130 dB
Power Requirements	12-52V DC, 3 mA
Finish	Black
Connector	XLR3M
Dimensions	Ø21 × 200 mm (Ø0.83" × 7.90")
Net Weight	140 g (5.00 oz)
Accessories Furnished	S27 windscreen HM10S clip with screw knob YA2 threaded adapter Pouch
Packaging	Colorful outer packaging



E102



HO8

Multi-purpose Condenser Microphone

Home Recording / Vocal / Over Head / Guitar / String / Brass / Drums

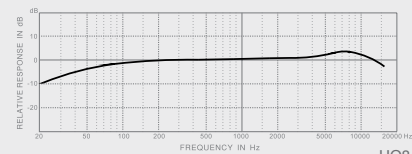
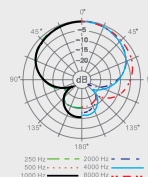
The HO8 is a large diaphragm studio condenser microphone with flat and uniform frequency response, high SPL capacity, high dynamic range, low distortion and high gain before feedback, making it not only suitable for instruments, but also perfect for vocals. It's a perfect gear for budget studio.

- For studio and live use
- Ø19 mm large diaphragm condenser microphone
- Tailored mid-high frequency for cymbals and vocal
- Flat and wide frequency response with a little boost in mid-high range
- High SPL capacity, high dynamic range, low distortion, high gain before feedback
- DRKF5H3 includes 2 HO8s

Specifications



Type	Back electret, Ø14 mm (Ø0.75")
Polar Pattern	Supercardioid
Frequency Response	40-18,000 Hz
Sensitivity	-39 dBV/Pa (11.2 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	74 dB
Equivalent Output Noise	20 dB
Max. SPL	136 dB SPL
Dynamic Range	116 dB
Power Requirements	12-52V DC, 3 mA
Finish	Grey
Connector	XLR3M
Dimensions	Ø54 × 170 mm (Ø2.13" × 6.69")
Net Weight	320 g (11.3 oz)
Accessories Furnished	H6A stand mount, YA2 threaded adapter, screw in nut, pouch
Optional Accessories	HM26C shock mount
Packaging	Colorful outer packaging



HO8



FK2

Kick Drum Microphone

Kick Drum / Bass Drum / Onidaiko /
High Dynamic Low Frequency Instrument

The FK2 is a dynamic microphone with high SPL capacity and cardioid polar pattern. It is best for low frequency signal pickup, especially for kick drum, or low frequency musical instruments. It has an integrated with a mic clip.

- Tailored low frequency response
- Soft bass with power
- High gain before feedback
- DRKF5H3 includes one FK2



FT4

Tom-Tom Microphone

Tom-Tom / Brass

The FT4 dynamic microphone is specially designed for tom-tom with its attached microphone clip. Its high SPL capacity, high dynamic range and low distortion make it perfect for mid-low frequency instruments.

- Tailored mid-low frequency response
- High SPL capacity
- High dynamic range, low distortion
- DRKF5H3 includes 3 FT4s



FS6




Snare Drum Microphone

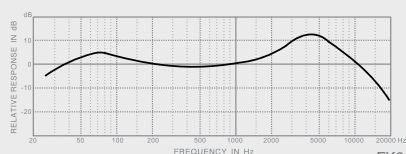
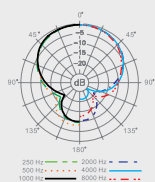
Snare / Brass / Winds

The FS6 is specially designed for snare drum with its fixed microphone clip. Its high SPL capacity, high dynamic range and low distortion make it perfect for snare, brass and winds.

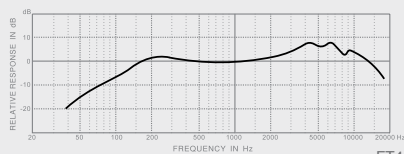
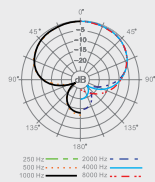
- Tailored frequency response for snare drum
- High gain before feedback
- DRKF5H3 includes one FS6

Specifications

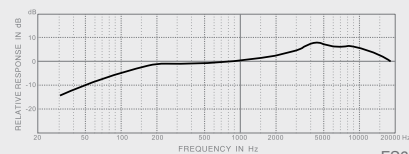
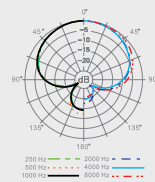
			
Type	Dynamic	Dynamic	Dynamic
Polar Pattern	Supercardioid	Supercardioid	Supercardioid
Frequency Response	30-10,000 Hz	20-12,500 Hz	50-16,000 Hz
Sensitivity	-62 dBV/Pa (0.8 mV)	-55 dBV/Pa (1.8 mV)	-55 dBV/Pa (1.8 mV)
Output Impedance	200 Ω	200 Ω	200 Ω
Min. Load Impedance	200 Ω	200 Ω	200 Ω
Max.SPL	147 dB SPL	150 dB SPL	140 dB SPL
Finish	Grey	Grey	Grey
Connector	XLR3M	XLR3M	XLR3M
Dimensions	$\varnothing 54.5 \times 116.5$ mm ($\varnothing 2.15" \times 4.59"$)	$\varnothing 47 \times 104.5$ mm ($\varnothing 1.85" \times 4.12"$)	$\varnothing 47 \times 104.5$ mm ($\varnothing 1.85" \times 4.12"$)
Net Weight	210 g (7.4 oz)	130 g (4.6 oz)	130 g (4.6 oz)
Accessories Furnished	Fixed clip with screw knob YA2 threaded adapter Pouch	Fixed clip with screw knob YA2 threaded adapter, Pouch	Fixed clip with screw knob YA2 threaded adapter, Pouch
Packaging	Colorful outer packaging	Colorful outer packaging	Colorful outer packaging



FK2



FT4



FS6



HI10

Hi-Hat Microphone

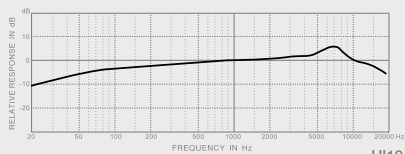
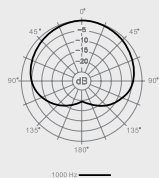
Hi-Hat / Cymbals / Guitar / Strings

The HI10 is an integrated electronics back electret condenser small diaphragm pencil style microphone with cardioid directivity tailored for cymbals and high frequency instruments. It provides bright, clear tone and cardioid directivity for high gain before feedback.

- Wide frequency response
- High sensitivity, low distortion
- High gain before feedback
- Pencil style condenser microphone
- Dedicated design for hi-hat and cymbals
- DRKF5H3 includes one HI10

Specifications

Type	Back electret, Ø14 mm (Ø0.55")
Polar Pattern	Cardioid
Frequency Response	50-18,000 Hz
Sensitivity	-38 dBV/Pa (12.6 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	69 dB
Equivalent Output Noise	25 dB
Max. SPL	134 dB SPL
Dynamic Range	109 dB
Power Requirements	12-52V DC, 5 mA
Finish	Grey
Connector	XLR3M
Dimensions	Ø21 x 94 mm (Ø0.83" x 3.7")
Net Weight	120 g (4.2 oz)
Accessories Furnished	S20 windscreen, HM10S clip with screw knob, YA2 threaded adapter, Pouch
Packaging	Colorful outer packaging



HI10



E109

Instrument Mic

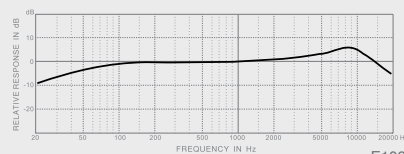
Hi-Hat / Cymbals / Guitar / Strings / Brass

The E109 is an integrated electronics 16 mm back electret condenser microphone with interchangeable capsules, flat and uniform frequency response and a specific high frequency band elevation, making it perfect for hi-hat, cymbals, guitar, violin, and high frequency instruments.

- High sensitivity for live performance
- High dynamic range
- Wide and uniform frequency response
- Uniform cardioid polar pattern
- Interchangeable capsule: the Supercardioid and Omni capsule are optional. Cardioid capsule is included
- DRK681 includes 3 E109s

Specifications

Type	Back electret, Ø16 mm (Ø0.63")
Polar Pattern	Cardioid
Frequency Response	40-20,000 Hz
Sensitivity	-43 dBV/Pa (7.1 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	72 dB
Equivalent Output Noise	22 dB
Max. SPL	137 dB SPL
Dynamic Range	115 dB
Power Requirements	12-52V DC, 3.5 mA
Finish	Black
Connector	XLR3M
Dimensions	Ø20 x 112 mm (Ø0.79" x 4.41")
Net Weight	120 g (4.2 oz)
Accessories Furnished	S20 windscreen, HM10S clip with screw knob, YA2 threaded adapter, Pouch
Packaging	Colorful outer packaging



E109



PRA628 MKII NEW

Instrument Dynamic Microphone

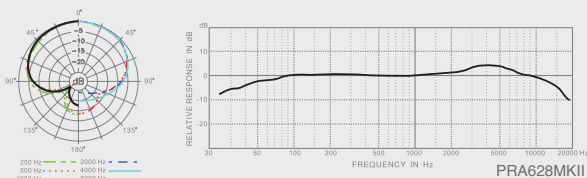
Guitar Amp Pick Up / Bass Amp Pick Up / Speaker Pick Up

The PRA628MKII is an optimized model of the PRA628. With extended frequency response, deeper in the lower bottom range, higher SPL capacity, supercardioid directivity, high gain before feedback, and flat pop screen design, it is suitable for guitar, bass amplifier pick up or instrument reinforcement.

- High dynamic range and extended frequency response
- High SPL up to 150 dB SPL
- Flat pop screen design allows it to be closer to the sound source
- Universal clamp and mic clip included
- Tailored frequency response reproduces the instrument's natural sound
- Sturdy metal body

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	80-18,000 Hz
Sensitivity	-55 dBV/Pa (1.8 mV)
Output Impedance	200 Ω
Max.SPL	150 dB SPL
Finish	Black
Connector	XLR3M
Dimensions	$\varnothing 60 \times 127 \times 36$ mm $\varnothing 2.36" \times 5" \times 1.42"$
Net Weight	168 g (5.9 oz)
Accessories Furnished	HM12DA gooseneck clamp HM10 mic clip Pouch
Packaging	Colorful outer packaging



PRA628MKII



PRA638

Instrument Condenser Microphone

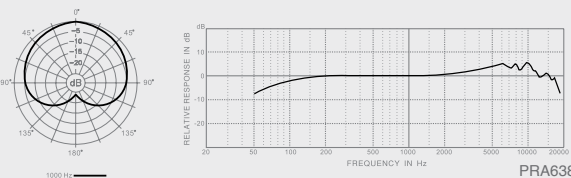
Brass / Piano / Acoustic Guitar / Strings

The PRA638 is a general purpose instrument condenser microphone with flat pop screen for placement closer to the sound source, and its cardioid polar pattern, high gain before feedback and extended frequency response make it perfect for general instrument reinforcement and recording.

- Flat pop screen for placement closer to the sound source
- Universal clamp and mic clip included
- 16 mm back electret condenser capsule
- Tailored frequency response reproduces the instrument's natural sound
- Sturdy metal body

Specifications

Type	Back electret, $\varnothing 16$ mm ($\varnothing 0.63"$)
Polar Pattern	Cardioid
Frequency Response	50-20,000 Hz
Sensitivity	-42 dBV/Pa (7.9 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	70 dB
Equivalent Output Noise	24 dB
Max.SPL	146 dB SPL
Dynamic Range	122 dB
Power Requirements	12-52V DC, 3.5 mA
Finish	Black
Connector	XLR3M
Dimensions	$\varnothing 60 \times 130 \times 35$ mm $\varnothing 2.36" \times 5.12" \times 1.38"$
Net Weight	190 g (6.7 oz)
Accessories Furnished	HM12DA gooseneck clamp HM10 mic clip Pouch
Packaging	Colorful outer packaging



PRA638



PRA218A

Kick Drum Microphone

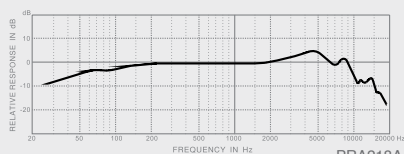
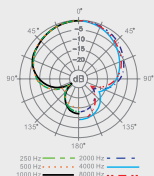
Bass Drum / Kick Drum / High Dynamic Range LF Instrument

The PRA218A is specially designed for kick drum with its warm sound and high SPL capability, making it suitable for other bass band or high SPL instruments. The PRA218A has a permanently attached microphone clip.

- Specially designed for kick drum and bass drum
- High SPL capacity up to 134 dB
- Sturdy metal body
- Durable, reliable professional performance
- High energy neodymium magnet for optimum output level
- DRKA5C2 includes one PRA218A
- DRKA3C2 includes one PRA218A

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	20-12,500 Hz
Sensitivity	-53 dBV/Pa (2.2 mV)
Output Impedance	500 Ω
Min. Load Impedance	500 Ω
Max. SPL	134 dB SPL
Finish	Black
Connector	XLR3M
Dimensions	$\varnothing 43 \times 120$ mm
Net Weight	210 g (7.4 oz)
Accessories Furnished	Fixed clip with screw knob YA2 threaded adapter Pouch
Packaging	Colorful outer packaging



PRA218A



PRA218B

Kick Drum Microphone

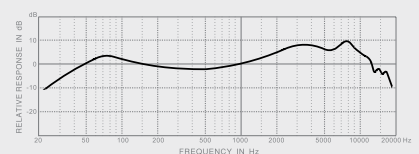
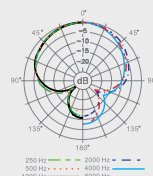
Kick Drum / Bass Drum / High SPL Instrument

The PRA218B is specially designed for kick drum with its warm sound and high SPL capability, making it suitable for other bass band or high SPL instruments.

- Special designed for kick drum and bass drum
- High SPL capacity up to 148 dB
- Sturdy metal body
- Durable, reliable professional performance
- High energy neodymium magnet for optimum output level
- DRKK5C2 includes one PRA218B

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	30-10,000 Hz
Sensitivity	-61 dBV/Pa (0.9 mV)
Output Impedance	200 Ω
Min. Load Impedance	200 Ω
Max. SPL	148 dB SPL
Finish	Black
Connector	XLR3M
Dimensions	$\varnothing 58 \times 140$ mm $\varnothing 2.28" \times 5.51"$
Net Weight	375 g (13.2 oz)
Accessories Furnished	HM27S clip with screw knob YA2 threaded adapter Screw in nut Pouch
Packaging	Colorful outer packaging



PRA218B



PRA228A

Tom-Tom Microphone

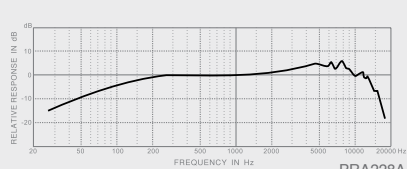
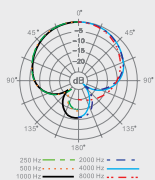
Tom-Tom / Snare / Strings / Guitar

The PRA228A is an especially fine tuned dynamic microphone for snare, tom-tom, floor tom and guitar with attached microphone clip.

- Specially designed for snare, tom-tom and guitar
- Sturdy metal body
- Durable, reliable professional performance
- High energy neodymium magnet increases the output level
- DRKA3C2 includes 2 PRA228As
- DRKA5C2 includes 4 PRA228As

Specifications

Type	Dynamic microphone
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-53 dBV/Pa (2.2 mV)
Output Impedance	500 Ω
Min. Load Impedance	500 Ω
Max. SPL	134 dB SPL
Finish	Black
Connector	XLR3M
Dimensions	Ø42 x 110 mm Ø1.65" x 4.33"
Net Weight	185 g (6.5 oz)
Accessories Furnished	Fixed clip with screw knob YA2 threaded adapter Pouch
Packaging	Colorful outer packaging



PRA228A



PRA268A

Instrument Microphone

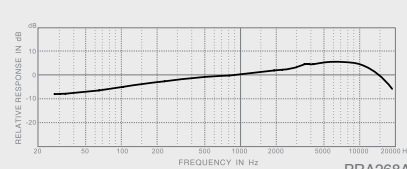
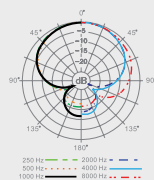
Overhead / Strings / Brass / Drums

This back electret condenser microphone is intended for drum set overhead or hi-hat. It is also suitable for mid-high frequency instruments. The PRA268A reproduces a brightened mid and detailed high range sound.

- Specially designed for mid-high instrument reinforcement and recording
- Sturdy metal body
- Durable, reliable professional performance
- High energy neodymium magnet increase the output level
- DRKA3C2 includes 2 PRA268As

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-43 dBV/Pa (7.1 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	69 dB
Equivalent Output Noise	25 dB
Max. SPL	137 dB SPL
Dynamic Range	112 dB
Power Requirements	12-52V DC, 2 mA
Finish	Black
Connector	XLR3M
Dimensions	Ø29 x 165 mm Ø1.14" x 6.5"
Net Weight	180 g (6.4 oz)
Accessories Furnished	S09 windscreen HM37S clip with screw knob YA2 threaded adapter Pouch
Packaging	Colorful outer packaging



PRA268A

Drum Sets



DRK681

8-Piece Condenser Drum Mic Set

Stage / Studio / Strings / Brass / Percussion 

This full condenser drum set is comprised of 4 PRA383XLRs covering tom-tom and snare, 1 boundary E100 kick mic, and 3 E109s for overheads and hi-hat. These high quality condenser microphones are also good for strings, winds and percussions and come packed in a sturdy aluminum case..

- DRK681 drum set includes:
- 1 E100 boundary kick mic, cardioid polar pattern
 - 4 PRA383XLRs covering tom-tom and snare; cardioid polar pattern, gooseneck for capturing the best sound.
 - 3 E109s condenser mics for overheads and hi-hat cardioid polar pattern.


For more detailed specifications, please refer to related pages of instrument microphones.

Accessories Furnished	3 HM10S mic clips with screw knob for E109 3 YA2 threaded adapters 3 S20 windscreen for E109s 4 PS418S preamps
Packaging	#3 aluminum box and colorful outer packaging



DRKB5C2 MKII

7-Piece Studio-Grade Drum Mic Set

Stage / Studio / Percussion 

The DRKB5C2MKII drum microphone set is an ideal candidate for both stage performances and the professional recording studio. It includes 7 mics to match different instruments.

The DRKB5C2 MKII is comprised of 1 PRO218A for kick mic, 3 PRO228A covering tom-toms and snares, 2 PRO268B condenser mics for overheads, and 1 PRA288A for snare drum metal noise.

These high quality condenser microphones are also good for strings, winds and percussions, providing wide frequency response, high open circuit sensitivity, fast impact response and high dynamic range.

- DRKB5C2 MKII drum set includes:
- 1 PRO218A for kick mic, supercardioid, 174 dB extra high SPL
 - 3 PRO228As covering tom-tom and snare, super cardioid
 - 2 PRO268Bs condenser mics for overheads, super cardioid
 - 1 PRA288A for snare drum metal noise, cardioid.

For more detailed specifications, please refer to related pages of instrument microphones.

Accessories Furnished	1 HM27S mic clips with screw knob for PRO218A 2 HM30S mic clips with screw knob for PRO268Bs 1 HM10S mic clips with screw knob for PRA288A 2 S20 windscreens for PRO268Bs 7 YA2 threaded adapters 3 Fixed clips with screw knob
Optional Accessories	HM12A universal clamp
Packaging	A4 box and colorful outer packaging



DRKF5H3
Super 8 Drum Mic Set

Stage / Studio / Percussion



The frequency response of each microphone from the DRKF5H3 is tailored according to the instrument spectrum, SPL and close miking characteristics of drums. Their unique design captures the flavor and the impact response of each individual drum in a set.

The DRKF5H3 is comprised of 2 HO8s covering cymbals, 1 FK2 for kick drum, 3 FT4s for tom-tom, 1 FS6 for snare, and 1 HI10 for hi-hat. This mic set is suitable for Jazz music and also excellent for other instruments.

DRKF5H3 drum set includes:

- 1 FK2 supercardioid, for kick
- 3 FT4s supercardioid, for tom-tom
- 1 FS6 supercardioid, for snare
- 2 HO8s large diaphragm condenser, super cardioid, for cymbals
- 1 HI10 condenser, cardioid, for hi-hat

For more detailed specifications, please refer to related pages of instrument microphones.

Accessories Furnished	1 HM10S mic clip with screw knob for HI10 8 YA2 threaded adapters 2 H6A brackets for HO8 2 Screw rings for HO8 5 Fixed clips with screw knob (FK2 / FT4 / FS6)
Optional Accessories	HM12A universal clamp HM12D universal clamp with gooseneck
Packaging	A6 protective carrying case and colorful outer packaging



DRKK5C2
7 Drum Mic Set with Cables and Clamps

Stage / Studio / Percussions



This versatile drum 7 mic set is comprised of 3 tom-tom mics, 1 snare mic (with permanent clip), 1 PRA-218B for kick, and 2 E102s condensers for overheads. Packed in an aluminum case with clips, drum clamps, threaded adapters and 7 microphone cables, this mic set can take care of almost any miking need!

DRKK5C2 drum set includes:

- 1 PRA218B supercardioid, for kick.
- 3 D10Cs supercardioid, for tom-tom
- 1 D10D supercardioid, for snare
- 2 E102s condenser, cardioid, for cymbals

For more detailed specifications, please refer to related pages of instrument microphones.

Accessories Furnished	1 HM27S mic clip with screw knob for PRA218B 4 HM28 mic clips for tom-tom and snare 5 Screw rings for PRA218B, D01C and D10D 2 HM10S mics clips with screw knob for E102s 7 YA2 threaded adapters 4 HM12A universal clamps 7 XLR3F-XLR3M 7-meter microphone cables (1 of 7 cables has a 90 degree connector)
Packaging	#3 protective aluminum box and colorful outer packaging



DRKA3C2

Compact 5 Mic Set

Live Stage / Practice Room



The DRKA3C2 drum set microphone is designed for live stage and practice rooms. Simple and complete, it is comprised of 2 PRA268AH condensers for overheads, 1 PRA218A for kick, and 2 PRA228A for tom-tom.

All microphones include permanent attached mic clip.

The DRKA3C2 drum set includes:

- 1 PRA218A supercardioid for kick
- 2 PRA228As supercardioid for tom-tom and snare
- 2 PRA268AHs condenser, supercardioid for cymbals and hi-hat

For more detailed specifications, please refer to related pages of instrument microphones.

Accessories Furnished	5 permanent attached mic clips 5 YA2 threaded adapters
Optional Accessories	HM12A universal clamp
Packaging	A3 protective box and colorful outer box



DRKA5C2

Extended 7 Mic Set

Live Stage / Project Studio / Practice Room / Percussion



The DRKA5C2 drum set microphone is designed for live stage and practice rooms. It is comprised of 2 PRA268AH condensers for overheads, 1 PRA218A for kick, and 4 PRA228A for tom-tom and snare.

All microphones include permanent attached mic clip.

The DRKA5C2 drum set includes:

- 1 PRA218A supercardioid, for kick,
- 4 PRA228As supercardioid, for tom-tom and snare
- 2 PRA268AHs condenser, supercardioid, for cymbals and hi-hat.

For more detailed specifications, please refer to related pages of instrument microphones.

Accessories Furnished	2 HM10S mic clips with screw knob for PRA268A 5 permanent attached mic clips 7 YA2 threaded adapters
Optional Accessories	HM12A universal clamp
Packaging	A3 protective box and colorful outer box

Value Packs

For the professional artists who are always performing at different occasions, Superlux offers a convenient microphone value pack. All the necessary elements are stored in one handy carrying bag, so it is very easy to travel with this value pack. Choose the value pack for yourself. The value packs includes: microphone, mic cable, mic clip, threaded adapter, microphone boom stand, nylon pouch, and a handy carry bag.



6-meter microphone cable



Nylon pouch



Carrying canvas bag



MSKA Singer Pack

Singer / Teacher / Presenter



High C/P value vocal microphone ECOA, best selling microphone boom stand MS108E, nylon pouch, HM9A mic clip, 6-meter mic cable, top-open carrying bag that holds everything.

The MSKA Singer Pack includes:

- 1 ECOA1 vocal microphone
- 1 6-meter mic cable, XLR3F-XLR3M connector or XLR3F-1/4" TS connector
- 1 Mic nylon pouch
- 1 HM9A mic clip
- 1 MS108E boom stand (5/8" to 3/8" threaded adapter included)
- 1 Top-open carrying bag

MSKAX: mic cable with XLR3F-XLR3M connector

MSKAP: mic cable with XLR3F-1/4" TS connector

For detailed specifications, please refer to related model ECOA on p.35.





MSK10B

Instrument Mic Pack

Guitar Player / String Player / Brass Player / Percussion / Vocal 

The MSK10B instrument microphone value pack contains instrument microphone D10B incorporating humbucking coil bundle with MS108E boom stand, additional microphone cable, mic clip, and carrying bag.

The MSK10B instrument microphone value pack includes:

- 1 D10B instrument microphone
- 1 6-meter mic cable, XLR3F-XLR3M connector or XLR3F-1/4" TS connector
- 1 Nylon mic pouch
- 1 HM9A mic clip
- 1 MS108E boom stand (5/8" to 3/8" threaded adapter included)
- 1 Top-open carrying bag

MSK10BX: mic cable with XLR3F-XLR3M connector

MSK10BP: mic cable with XLR3F-1/4" TS connector

For detailed specifications, please refer to related model D10B on p.46.



MSK124

Condenser Mic Pack

Guitar Player / String Player / Brass Player 

The MSK124 condenser mic pack is specially designed for professional instrument/vocal amplification application. It includes: E124D instrument/vocal microphone packed with light weight aluminium traveller stand MS128. The E124D condenser microphone can be powered by phantom or one 1.5V battery, making this package the best for acoustic instrument touring musicians.

The MSK124 condenser mic pack includes:

- 1 E124D instrument/vocal condenser microphone (phantom power or one 1.5V battery)
- 1 6-meter mic cable, XLR3F-XLR3M connector or XLR3F-1/4" TS connector
- 1 S09 wind screen
- 1 Nylon mic pouch
- 1 HM16S mic clip with screw knob
- 1 YA2 threaded adapter
- 1 MS128 light weight aluminum boom stand (5/8" to 3/8" threaded adapter included)
- 1 Top-open carrying bag

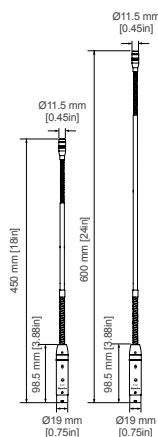
MSK124X: mic cable with XLR3F-XLR3M connector

MSK124P: mic cable with XLR3F-1/4" TS connector

For detailed specifications, please refer to related model E124D on p.46.



Installation



E326PRO NEW

High Quality Gooseneck Microphone



Conference / Lectern / House of Worship / Temple

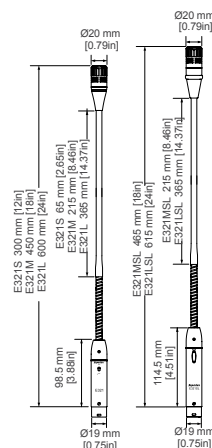
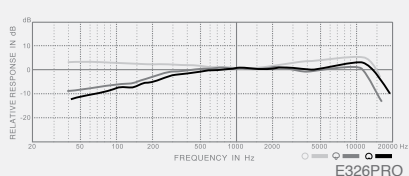
The E326 PRO is a high quality compact gooseneck back electret condenser conference microphone available in 45 and 60cm versions. Its durable double bend gooseneck has passed a bending test, of over 3000 times of bending. It has an inter-changeable capsule. A cardioid is included in the package, and the supercardioid and omni are optional.

- Rugged construction
- High precision engineered miniature condenser capsule
- 3 types of capsules: cardioid, supercardioid and omni
- Highly reliable contact for capsule modules
- Professional sound quality
- RF immunity
- Double bend gooseneck

E326U/M PRO cardioid, 45 cm (18") long
 E326H/M PRO supercardioid, 45 cm (18") long
 E326O/M PRO omni, 45 cm (18") long
 E326U/L PRO cardioid, 60 cm (24") long
 E326H/L PRO supercardioid, 60 cm (24") long
 E326O/L PRO omni, 60 cm (24") long

Specifications

Type	Back electret, Ø11.5 mm (Ø0.45")
Polar Pattern	Cardioid / Supercardioid / Omni
Frequency Response	20-20,000 Hz
Low Frequency Filter	150 Hz, -6 dB/oct
Sensitivity	-42 dBV/Pa (7.9 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	72 dB
Equivalent Output Noise	22 dB
Max. SPL	138 dB SPL
Dynamic Range	116 dB
Power Requirements	9-52V DC, 1.9 mA
Finish	Black
Connector	XLR3M
Dimensions	Capsule: Ø11.5 mm (Ø0.45") Length: 450 / 600 mm (18" / 24")
Net Weight	151 g (5.3 oz) / 167 g (5.9 oz)
Accessories Furnished	S55F windscreen
Packaging	Colorful outer packaging



E321

Gooseneck Microphone



Conference / Lectern / House of Worship / Temple

The E321 gooseneck microphones are black, with inter-changeable capsules; the standard model comes with a supercardioid capsule. Cardioid and omni capsules are also available as options. It features a built-in 150 Hz HPF.

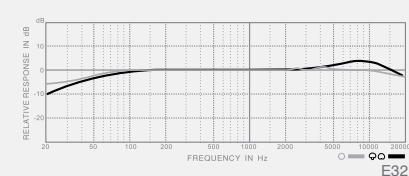
- High quality gooseneck vocal microphone
- Inter-changeable capsules with supercardioid, cardioid, and omni capsules available
- One bend near the base
- Three length options (S/M/L), an on/off switch and an LED lighted ring are available

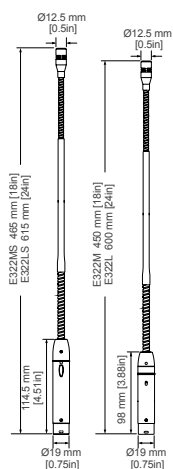
E321S 30 cm (12"), external HPF 150 Hz, -6 dB/oct
 E321S/SL 30 cm (12"), with on/off switch, and LED ring
 E321M 45 cm (18"), external HPF 150 Hz, -6 dB/oct
 E321M/SL 45 cm (18"), with on/off switch, and LED ring
 E321L 60 cm (24"), external HPF 150 Hz, -6 dB/oct
 E321L/SL 60 cm (24"), with on/off switch, and LED ring

U: Cardioid capsule
 H: Supercardioid capsule
 O: Omni capsule

Specifications

Type	Back electret, Ø16 mm (Ø0.63")
Polar Pattern	Cardioid / Supercardioid / Omni
Frequency Response	20-18,000 Hz
Low Frequency Filter	150 Hz, -6 dB/oct
Sensitivity	Cardioid / Supercardioid: -40 dBV/Pa (10 mV) Omni: -42 dBV/Pa (7.9 mV)
Output Impedance	600 Ω
Min. Load Impedance	2,000 Ω
S/N Ratio	Cardioid / Supercardioid: 72 dB; omni: 70 dB
Equivalent Output Noise	Cardioid / Supercardioid: 22 dB; omni: 24 dB
Max. SPL	Cardioid / Supercardioid: 135 dB SPL; omni: 137 dB SPL
Dynamic Range	Cardioid / Supercardioid: 113 dB; omni: 113 dB
Power Requirements	Phantom 9-52V DC, 4mA
Finish	Titanium grey
Connector	XLR3M
Dimensions	Capsule: Ø20 mm (Ø0.79"); Length: 300 / 450 / 600 mm (12" / 18" / 24")
Net Weight	200 g (7 oz)
Accessories Furnished	S20 windscreen
Packaging	Colorful outer packaging





E322

Gooseneck Microphone

Conference / Lectern / House of Worship / Temple

The E322 is a miniature condenser capsule, gooseneck microphone for conference applications. It has a double bend for easy positioning. It comes in 2 lengths and is available in black or white. It possesses an external accessible low cut filter to filter out ambient noise.

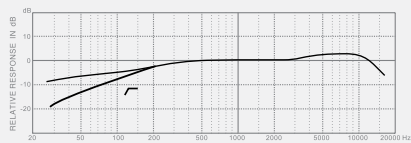
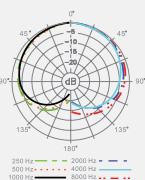
- High quality gooseneck vocal microphone
- 2 length (M/L) versions, available with on/off switch, and in black or white
- Double bend for easy positioning

E322MB	45 cm, black (external low cut filter)
E322MB/S	46.5 cm, black, on/off switch
E322MW	45 cm, white (external low cut filter)
E322MW/S	46.5 cm, white, on/off switch
E322LB	60 cm, black (external low cut filter)
E322LB/S	61.5 cm, black, on/off switch
E322LW	60 cm, white (external low cut filter)
E322LW/S	61.5 cm, white, on/off switch

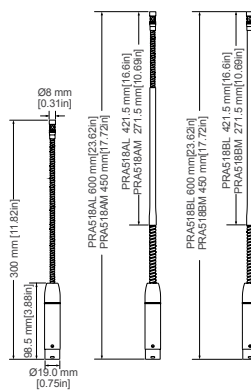
B: Black W: White

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	40-20,000 Hz
Sensitivity	-40 dB V/Pa (10 mV)
Output Impedance	600 Ω
Min. Load Impedance	2,000 Ω
S/N Ratio	70 dB
Equivalent Output Noise	24 dB
Max. SPL	127 dB SPL
Dynamic Range	103 dB
Power Requirements	9-52V DC, 4mA
Finish	Black, White
Connector	XLR3M
Dimensions	Capsule: Ø12.5 mm (Ø0.49") Length: without on/off switch 450 / 600 mm (18" / 24") with on/off switch 465 / 615 mm (18.3" / 24.2")
Net Weight	160 / 220 g (5.6 / 7.8 oz)
Accessories Furnished	S21F windscreen HM22 mounting flange HM23 shock mount flange
Packaging	Colorful outer packaging



E322



PRA518

Gooseneck Microphone

Conference / Lectern / House of Worship / Temple

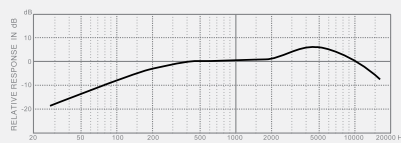
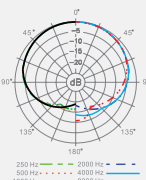
Mini back electret gooseneck condenser conference microphone PRA518 provides the frequency response and cardioid directivity ideal for conference applications. There are 5 versions to choose from: full bend, double bend or single bend, 30, 45 or 60 cm in length. The extra-small capsule produces a sleek appearance.

- Ø8 mm mini capsule
- Back electret cardioid capsule
- Tailored conference speech frequency response
- Single bend, double bend, and full bend goosenecks are available

PRA518AS	Ø8 × 30 cm (12") full bend
PRA518AM	Ø8 × 45 cm (18") double bend
PRA518AL	Ø8 × 60 cm (24") double bend
PRA518BM	Ø8 × 45 cm (18") single bend
PRA518BL	Ø8 × 60 cm (24") single bend

Specifications

Type	Back electret, Ø6 mm (Ø0.24")
Polar Pattern	Cardioid
Frequency Response	50-16,000 Hz
Sensitivity	-39 dB V/Pa (11.2 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	68 dB
Equivalent Output Noise	26 dB
Max. SPL	130 dB SPL
Dynamic Range	104 dB
Power Requirements	9-52V DC, 3 mA
Finish	Black
Connector	XLR3M
Dimensions	Capsule: Ø8 mm (Ø0.31") Length: 300 / 450 / 600 mm (12" / 18" / 24")
Net Weight	130-165 g (4.6-5.8 oz)
Accessories Furnished	HM22 mounting flange S04 windscreen
Packaging	Colorful outer packaging



PRA518



PRA528

Gooseneck Microphone

Conference / Lectern / Houses of Worship / Temple

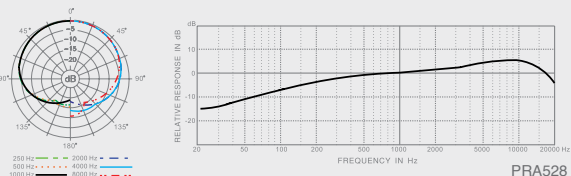
The PRA-528B/C series are specially designed back electret condenser microphones for conferences. They have the features needed for conferences such as tailored frequency response, excellent cardioid polar pattern, and high gain before feedback. Each member in the PRA-528B/C series has an adjustable gooseneck, which makes it convenient to change the direction when installed in fixed places. It has 2 length versions: 45 cm and 60 cm, and 2 connection methods: B, direct plug-in model and C, separate pre-amplifier model.

- Direct plug-in at fixed locations and separate preamp versions are available
- Back electret cardioid capsule
- Tailored for conference with reinforced vocal frequency response
- Single bend gooseneck structure

PRA528BM 45 cm, direct plug in
PRA528BL 60 cm, direct plug in
PRA528CM 45 cm, separate pre-amplifier, 2.5-meter long cable
PRA528CL 60 cm, separate pre-amplifier, 2.5-meter long cable

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	50-16,000 Hz
Sensitivity	-39 dBV/Pa (11.2 mV)
Output Impedance	200 Ω
S/N Ratio	68 dB
Min. Load Impedance	1,000 Ω
Equivalent Output Noise	26 dB
Max. SPL	132 dB SPL
Dynamic Range	106 dB
Power Requirements	Phantom 9-52V DC, 3 mA
Finish	Black
Connector	XLR3M
Dimensions	Capsule: Ø12.5 mm (Ø0.49") Length: 450 / 600 mm (18" / 24")
Net Weight	150~220 g (5.3~7.8 oz)
Accessories Furnished	PRA528B serial: S21F windscreen HM22 mounting flange HM23 shock mount flange PRA528C serial: HM22 mounting flange S05 windscreen
Packaging	Colorful outer packaging



PRA528



PRA618

Gooseneck Dynamic Microphone

Conference / Lectern / DJ

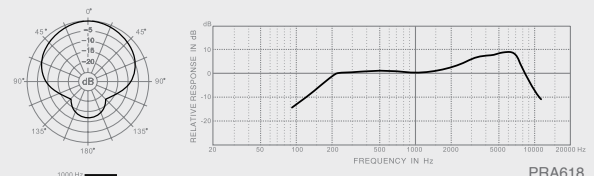
The PRA618 is a dynamic gooseneck microphone for systems without phantom power supply. It's easy to use, just plug and play. No phantom power is needed.

- Small dynamic supercardioid capsule
- Tailored vocal frequency response
- High gain before feedback
- Double bend gooseneck structure

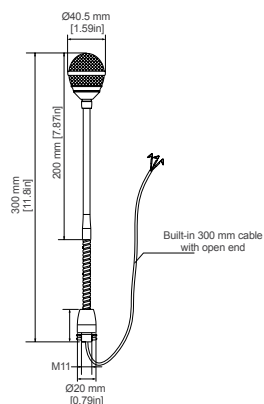
PRA618M 45 cm, double bend
PRA618L 60 cm, double bend

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	100-10,000 Hz
Sensitivity	-56 dBV/Pa (1.6 mV)
Output Impedance	500 Ω
Min. Load Impedance	2,000 Ω
Max. SPL	140 dB SPL
Finish	Black
Connector	XLR3M
Dimensions	Capsule: Ø40.5 mm (Ø1.59") Length: 450 / 600 mm (18" / 24")
Net Weight	PRA618M: 250 g (8.8 oz) PRA618L: 320 g (11.2oz)
Accessories Furnished	HM22 mounting flange
Optional Accessories	DS003 mic base
Packaging	Colorful outer packaging



PRA618



D302 NEW

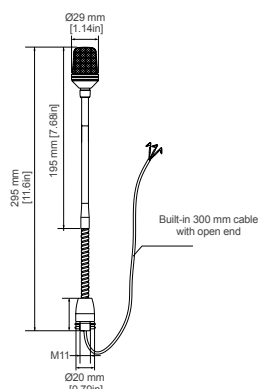
Installation Gooseneck Microphone

Conference / Lectern

The D302 conference style dynamic microphone is designed for the speech and conference installation market. It incorporates high sensitivity and wide frequency response for precision sound pick up. Simple mounting with tightening gaskets installs the microphone onto a podium or it can be attached with a 5/8" nut on the base. It shares the same capsule as the PRA618.

- 5/8" thread for easy mounting
- Supercardioid polar pattern emphasizes on-axis sound while suppressing surrounding noise.
- Tailored conference speech frequency response
- Noiseless single bending

D302 Gooseneck 30 cm, pigtail: 30 cm cable



E306 NEW

Installation Gooseneck Condenser Microphone

Conference / Lectern

The E306 conference style condenser microphone, which is designed for the speech, conference, and installation market. Its frequency response is designed for precision sound pick up. Mounting is simple with tightening gaskets to install the microphone onto a podium or it can be attached with a 5/8" nut on a base. It shares the same capsule as the PRA528DS.

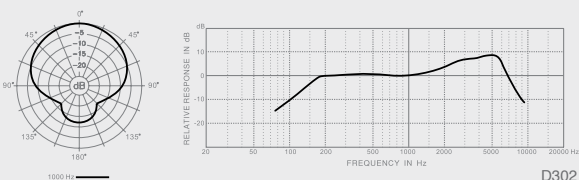
- 5/8" thread for easy mounting
- Cardioid polar pattern to emphasize on-axis sound while suppressing surrounding noise
- Tailored conference speech frequency response
- Noiseless single bending

E306 Gooseneck 29.5 cm, pigtail: 30 cm cable



Specifications

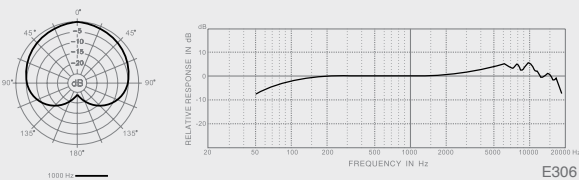
Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	100-10,000 Hz
Sensitivity	-56 dBV/Pa (1.6 mV)
Output Impedance	500 Ω
Min. Load Impedance	2,000 Ω
Max. SPL	140 dB SPL
Finish	Black
Connector	Pig tail
Dimensions	Capsule: Ø40.5 mm (Ø1.59") Length: 300 mm (12")
Net Weight	150 g (5.3 oz)
Packaging	White box



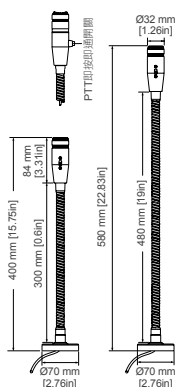
D302

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	50-16,000 Hz
Sensitivity	-40 dBV/Pa (10 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
Max. SPL	137 dB SPL
Power Requirements	3-9V DC
Finish	Black
Connector	Pigtail
Dimensions	Capsule: Ø29 mm (Ø1.14") Length: 295 mm (11.6")
Net Weight	150 g (5.3 oz)
Accessories Furnished	S18 windscreen
Packaging	White box



E306



PRA538

Heavy Duty Gooseneck Microphone



Communication / Lectern / PA

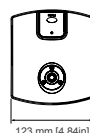
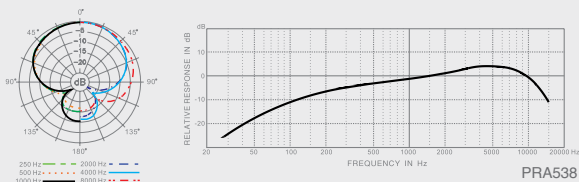
The PRA538 is a heavy duty thick gooseneck microphone for heavier use and long life. It features a small dynamic supercardioid capsule, tailored for precision sound pick up, and good directivity. The microphone can be installed using a metal flange with 3 screws, which are all included.

- 15 mm diameter durable thick gooseneck tube
- Mute and PTT switch option
- 40 cm and 58 cm option
- Pigtail, 1.8-meter cable
- Full bend gooseneck structure

PRA538S	40 cm
PRA538M	58 cm
PRA538SS	40 cm, installed on DS003
PRA538MS	58 cm, installed on DS003
PRA538MS PTT	Push to talk

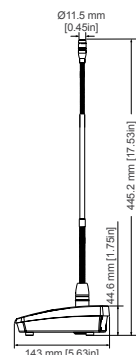
Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	100-15,000 Hz
Sensitivity	-58 dBV/Pa (1.3 mV)
Output Impedance	500 Ω
Min. Load Impedance	2,000 Ω
Max. SPL	135 dB SPL
Finish	Black
Connector	Pigtail
Dimensions	Capsule: $\varnothing 32$ mm ($\varnothing 1.26$ ") Length: 400 / 580 mm (15.75" / 22.83")
Net Weight	490 g- 530 g (17.2 oz-18.7 oz)
Accessories Furnished	S19 windscreen
Packaging	White box



E309D PRO

Gooseneck Condenser Microphone with Base

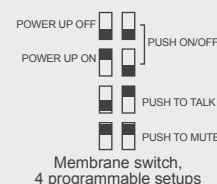


Conference / Lectern / Houses of Worship / Temple

The E309D PRO is a high quality gooseneck microphone with an interchangeable capsule. It is mounted on a metal base which includes a membrane switch which provides 4 kinds of set-up: PTT, PTM, power up on and power up off. The metal base has both a XLR3M output and a terminal block connection.

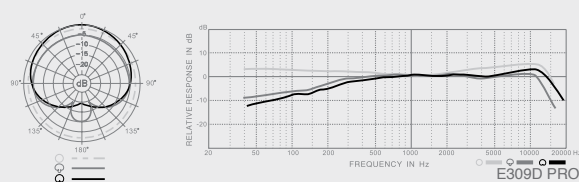
- Membrane switch, 4 programmable setups
- On/off switch with LED indicator
- High quality condenser capsule and is available in a cardioid, supercardioid or omni pickup pattern
- RF immunity
- Double bend gooseneck structure

E309DU PRO Cardioid capsule
E309DH PRO Supercardioid capsule
E309DO PRO Omni capsule



Specifications

Type	Back electret, $\varnothing 11.5$ mm ($\varnothing 0.45$ ")
Polar Pattern	Cardioid / Supercardioid / Omni
Frequency Response	20-20,000 Hz
Sensitivity	-42 dBV/Pa (12.6 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	75 dB
Equivalent Output Noise	19 dB
Max. SPL	124 dB SPL
Dynamic Range	105 dB
Power Requirements	48V DC, 5.5 mA
Finish	Black
Connectors	XLR3M & terminal block
Dimensions	Capsule: $\varnothing 11.5$ mm ($\varnothing 0.45$ "); Height: 445 mm (17.52")
Net Weight	938 g (33.1 oz)
Accessories Furnished	S55F windscreen
Optional Accessories	10-meter mic cable (pigtail-XLR3M) SFM10FM : 10-meter XLR3M-XLR3F
Packaging	Colorful outer packaging





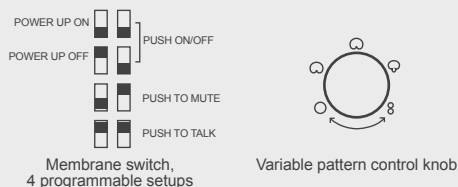
E361 NEW

Continuous Variable Pattern Gooseneck Mic with Base

Conference / Lectern / House of Worship / Temple

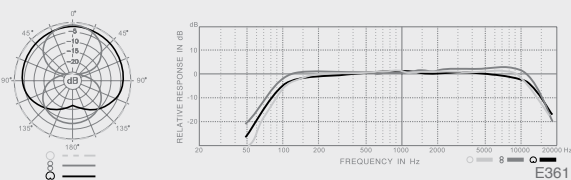
The E361 is a condenser gooseneck microphone with a continuously-variable pickup pattern achieved by its dual capsule design. The variable pattern control is selected by the knob on its base, making the E361 flexible for a variety of applications. It mounts on a metal base with a membrane switch that provides 4 kinds of set-up: PTT, PTM, power up on, and power up off. The metal base has both a XLR3M output and terminal block connection.

- Membrane switch, 4 programmable setups
- On/off switch with LED indicator
- -31 dBV highly sensitive condenser capsule
- RF immunity
- Double bend gooseneck structure



Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Continuous variable pattern
Frequency Response	80-18,000 Hz
Sensitivity	-31 ± 2 dBV/Pa (28.2 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	79 dB
Equivalent Output Noise	15 dB
Max. SPL	120 dB SPL
Dynamic Range	105 dB
Power Requirements	48V DC, 8.6 mA
Finish	Black
Connector	XLR3M
Dimensions	Capsule: Ø16 mm (Ø0.63") Height: 465 mm (18.31")
Net Weight	943 g (33.2 oz)
Accessories Furnished	S56 windscreen
Optional Accessories	10-meter microphone cable (pigtail-XLR3M) SFM10FM: 10-meter XLR3M-XLR3F microphone cable
Packaging	Colorful outer packaging



PRA528DS

Gooseneck with Base

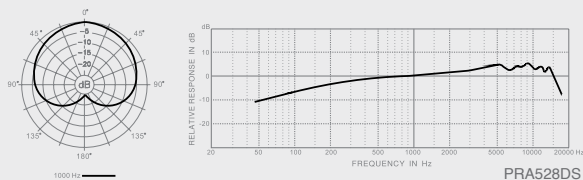
Conference / Lectern / PA

The PRA528DS is a gooseneck microphone mounted on a base. Specially tailored with conference speech frequency response, it gets higher gain before feedback, as well as greater sound pick up distance. It can be powered by phantom or battery. It has a larger pop screen to prevent wind noise and flush mount XLR-3M socket for easy set-up.

- Dual powered by phantom or battery
- Back electret condenser
- Tailored for conference with enhanced speech frequency response
- Double bend gooseneck

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	50-16,000 Hz
Sensitivity	-35 dBV/Pa (17.8 mV)
Output Impedance	Phantom: 200 Ω Battery: 600 Ω
Min. Load Impedance	Phantom: 1,000 Ω Battery: 2,000 Ω
S/N Ratio	70 dB
Equivalent Output Noise	24 dB
Max. SPL	Phantom: 124 dB SPL Battery: 114 dB SPL
Dynamic Range	Phantom: 100 dB Battery: 90 dB
Power Requirements	Phantom: 12-52V DC, 3 mA Battery: 1.5V AA/UM3, 1.2 mA
Finish	Black
Connector	XLR3M
Dimensions	Capsule: Ø29 mm (Ø1.14") Height: 460 mm (18.11") without the base
Net Weight	1,000 g (35.3 oz)
Accessories Furnished	S18 windscreen 1.5 V AA alkaline battery
Optional Accessories	SFM10FM: 10-meter XLR3F-XLR3M microphone cable
Packaging	A3 protective carry case, colorful outer packaging



Gooseneck Microphone Optional Accessories



HM22

Mounting Flange

Installation aperture: Ø42 mm (1.65")



HM23

Shock Mount Flange

Installation aperture: Ø50.8 mm (2")



HM24

XLR3F flush socket with open end cable

Cable Length: 25 cm (10")

Installation aperture: Ø43 mm (Ø1.69")



HM24C

XLR3F flush socket with XLR3M connector

Cable Length: 2-meter (6')

Installation aperture: Ø43 mm (Ø1.69")



GT2B

5/8" Screw Flange



GT6F

XLR3F base, surface mount with open end cable



GM13D

34 cm gooseneck with TA3F to XLR3M connectors



GM13G

34 cm gooseneck with XLR3F to XLR3M connectors



PS518

Gooseneck Mic Base

10-meter mic cable(open end-XLR3M), can be connected from the rear or the bottom

Powered by 48V DC Phantom

Programmable soft-touch membrane switch:

Push to talk / push to mute

power up on / power up off



DS002

Gooseneck Mic Base

XLR3F to XLR3M socket for convenient connection



DS003

Gooseneck Mic Base

XLR3F to XLR3M socket for convenient connection

DS003 flush XLR3F Socket

DS003S same as DS003 with on / off switch

DS003A Raised XLR3F socket with lock

DS003AS same as DS003A with on / off switch



DS003AS

DS003S



E303

Acoustic Boundary Cardioid

Lectern / Conference / Tap Dance / Piano

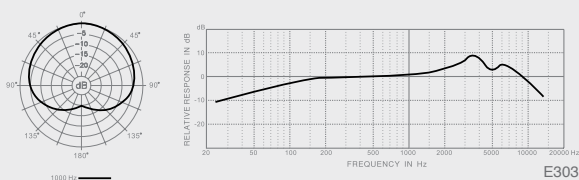
The E303 directional boundary microphone is designed for flat surface placement. The miniature condenser capsule provides wide frequency response and reduces reflections to minimize phasing distortion. Its clean and high sensitivity signal results in clear sound without coloration. It features a built-in pre-amplifier that doesn't need an external power adapter.

- Sturdy die-cast case
- Double layers metal grille
- High gain before feedback

E303B black
E303W white

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	30-18,000 Hz
Sensitivity	-39 dBV/Pa (11.2 mV)
Output Impedance	600 Ω
Min. Load Impedance	2,000 Ω
S/N Ratio	70 dB
Equivalent Output Noise	24 dB
Max. SPL	127 dB SPL
Dynamic Range	103 dB
Power Requirements	Phantom 9-52V DC, 4 mA
Finish	Black, white
Connector	TA3M
Dimensions	Ø85 × 20.5 mm (Ø3.35" × 0.81")
Net Weight	180 g (6.3 oz)
Accessories Furnished	33' (10-meter) TA3F-XLR3M microphone cable
Packaging	Colorful outer packaging



E304

Acoustic Boundary Omni

Lectern / Conference / Tap Dance / Piano

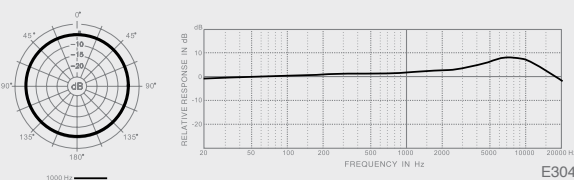
The E304 omni boundary microphone is designed for flat surface placement. The miniature condenser capsule provides wide frequency response and reduces reflections to minimize phasing distortion. Its clean and high sensitivity signal results in clear sound without coloration. It features a built-in pre-amplifier that doesn't need an external power adapter.

- Sturdy die-cast case
- Double layers metal grille
- High gain before feedback

E304B black
E304W white

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Omni
Frequency Response	20-18,000 Hz
Sensitivity	-39 dBV/Pa (11.2 mV)
Output Impedance	600 Ω
Min. Load Impedance	2,000 Ω
S/N Ratio	70 dB
Equivalent Output Noise	24 dB
Max. SPL	127 dB SPL
Dynamic Range	103 dB
Power Requirements	Phantom 9-52V DC, 4 mA
Finish	Black, white
Connector	TA3M
Dimensions	Ø85 × 22.5 mm (Ø3.35" × 0.88")
Net Weight	200 g (7 oz)
Accessories Furnished	33' (10-meter) TA3F-XLR3M microphone cable
Packaging	Colorful outer packaging





PRA418

Omni Acoustic Boundary

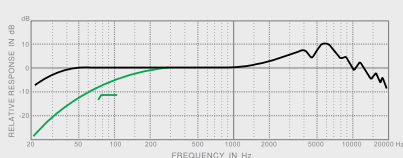
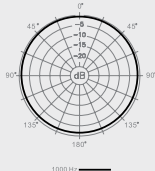
Lectern / Conference / Tap Dance / Piano / Drama

The PRA418 omni boundary microphone is designed for flat surface placement. The miniature condenser capsule provides wide frequency response and reduces reflections to minimize phasing distortion. Clean and high sensitivity signal results in clear sound without coloration. The mic preamplifier is included in the PS418D. It can be powered by phantom or 1.5V battery.

- PS418D preamp, built-in 80 Hz HPF to reduce ambient noise
- Sturdy die-cast case
- Double layer metal grille
- AA battery allows 1200 hours continuous use

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Omni
Frequency Response	30-20,000 Hz
Low Frequency Filter	80 Hz
Sensitivity	Phantom: -42 dBV/Pa (7.9 mV) Battery: -44 dBV/Pa (6.3 mV)
Output Impedance	Phantom: 200 Ω; Battery: 600 Ω
Min. Load Impedance	Phantom: 1,000 Ω; Battery: 2,000 Ω
S/N Ratio	68 dB
Equivalent Output Noise	26 dB
Max. SPL	Phantom: 132 dB SPL; Battery: 118 dB SPL
Dynamic Range	Phantom: 106 dB; Battery: 92 dB
Power Requirements	Phantom 9-52V DC, 2 mA or 1.5V AA battery
Finish	Black
Connector	TA3M
Dimensions	Ø65 × 15 mm (Ø2.56" × 0.59")
Net Weight	80 g (2.8 oz)
Accessories Furnished	PS418D preamplifier 25' (7.5-meter) TA3F-TA3F microphone cable 1.5V AA alkaline battery
Packaging	A1 protective carrying case Colorful outer sleeve



PRA418



PRA428

Cardioid Acoustic Boundary

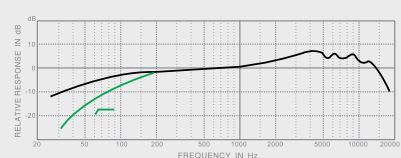
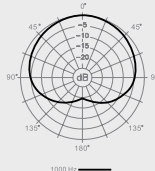
Lectern / Conference / Tap Dance / Piano / Drama

The PRA428 cardioid boundary microphone is designed for flat surface placement and is suitable for a professional stage or noisy working environment. Its built-in switchable HPF filters out the sound of footsteps on the stage. The miniature condenser capsule provides wide frequency response and a natural tone, ideal for professionals. The mic preamplifier is included in the PS418D. It can be powered by phantom or 1.5V battery.

- PS418D preamp, built-in 80 Hz HPF to reduce ambient noise
- Sturdy die-cast case
- Double layer metal grille
- AA battery working 1200 hours continuously

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	50-20,000 Hz
Low Frequency Filter	80 Hz
Sensitivity	Phantom: -44 dBV/Pa (6.3 mV) Battery: -45 dBV/Pa (5.6 mV)
Output Impedance	Phantom: 200 Ω; Battery: 600 Ω
Min. Load Impedance	Phantom: 1,000 Ω; Battery: 2,000 Ω
S/N Ratio	66 dB
Equivalent Output Noise	28 dB
Max. SPL	Phantom: 134 dB SPL; Battery: 120 dB SPL
Dynamic Range	Phantom: 106 dB; Battery: 92 dB
Power Requirements	Phantom 9-52V DC, 2 mA or 1.5V AA battery
Finish	Black
Connector	TA3M
Dimensions	64 × 92 × 16 mm (2.44" × 3.62" × 0.63")
Net Weight	110 g (3.9 oz)
Accessories Furnished	PS418D preamplifier 25' (7.5-meter) TA3F-TA3F microphone cable 1.5V AA alkaline battery
Packaging	A1 protective carrying case Colorful outer sleeve



PRA428



E323

Flush Mount Cardioid Boundary

Speech / General Purpose

The E323 flush mount boundary microphone has a cardioid polar pattern that can reduce the possibility of feedback when installed in a speaker amplification application. The E323 is finished in no-gloss black or white, with a built-in power circuit, and XLR3M connector.

- Full metal structure, double layer grille
- 2 anti-vibration rubber washers and mounting screws
- XLR3M output connector

E323B black
E323W white



E324

Flush Mount Omni Boundary

Speech / Surveillance / General Purpose

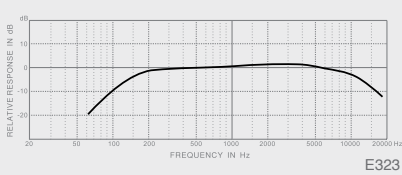
The E324 flush mount omni polar pattern boundary microphone has a wide range of pick up sound response. Finished in no-gloss black or white, with built-in power circuit, and XLR3M connector.

- Full metal structure, double layer grille
- 2 anti-vibration rubber washers and mounting screws
- XLR3M output connector

E324B black
E324W white

Specifications

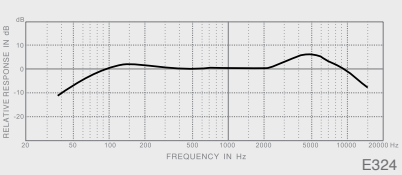
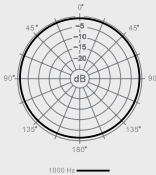
Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	60-14,000 Hz
Sensitivity	-35 dBV/Pa (17.8 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	68 dB
Equivalent Output Noise	26 dB
Max. SPL	132 dB SPL
Dynamic Range	106 dB
Power Requirements	Phantom 12-48V DC, 2 mA
Finish	Black or white
Connector	XLR3M
Dimensions	Ø28 (34) × 73 mm [Ø1.1" (1.34") × 2.87"]
Net Weight	53 g (1.87 oz)
Accessories Furnished	Washer, shock mount sleeve, fix nut
Packaging	White box



E323

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Omni
Frequency Response	20-20,000 Hz
Sensitivity	-32 dBV/Pa (25 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	68 dB
Equivalent Output Noise	26 dB
Max. SPL	132 dB SPL
Dynamic Range	106 dB
Power Requirements	Phantom 12-48V DC, 2 mA
Finish	Black or white
Connector	XLR3M
Dimensions	Ø28 (34)×73 mm [Ø1.1" (1.34")×2.87"]
Net Weight	53 g (1.87 oz)
Accessories Furnished	Washer, shock mount sleeve, fix nut
Packaging	White box



E324



E308

Ceiling Microphone with Inter-Changeable Capsules

Conference / House of Worship / Surveillance / Stage

The E308 is a low profile miniature condenser ceiling microphone. It can be fixed on the rotating steel holding spring and suspended from the ceiling or in a high position sweet spot to pick up the sound of a choir or orchestra. It offers 3 inter-changeable capsules to meet different applications. It has a 10-meter microphone cable with TA3F connector between the capsule and power adapter.

- Inter-changeable 3 capsules to meet different applications
- Inconspicuous ceiling installation
- 10-meter (33') TA3F microphone cable included
- Phantom power required

E308B black

E308W white

U: indicates cardioid capsule

H: indicates supercardioid capsule

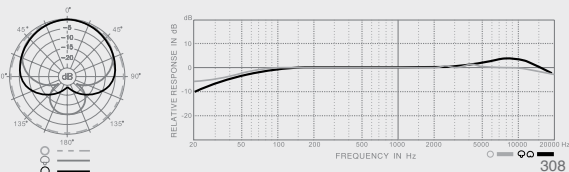
O: indicates omni capsule



Inter-changeable capsules

Specifications

Type	Back electret, Ø16 mm (Ø0.63")
Polar Pattern	Cardioid / supercardioid / omni
Frequency Response	20-18,000Hz
Sensitivity	-44 dBV/Pa (6.3 mV)
Output Impedance	500 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	76 dB
Equivalent Output Noise	18 dB
Max. SPL	138 dB SPL
Dynamic Range	120 dB
Power Requirements	Phantom 12-52V DC, 4 mA
Finish	Black or white
Connector	TA3F
Dimensions	Capsule: Ø20 mm (Ø0.79"); cable: 10-meter (32.8')
Net Weight	300 g (10.6 oz)
Accessories Furnished	Preamplifier S20 windscreen Steel holding spring Pipe clip
Packaging	Colorful outer packaging



PRA52

Ceiling Microphone

Conference / House of Worship / Surveillance / Stage

The PRA52 is a miniature condenser ceiling microphone. It can be fixed on the rotating steel holding spring and suspended from the ceiling or in a high position sweet spot to pick up the sound of a choir or orchestra. It comes in black or white to meet different applications. There is a 10-meter microphone cable with XLR3M connector between the capsule and power adapter.

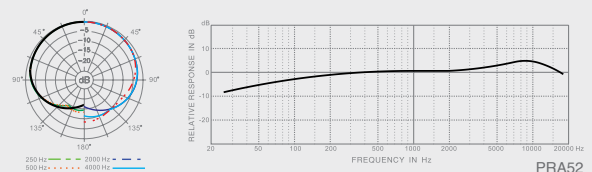
- High sensitivity
- Excellent sound pick up and RF immunity
- Phantom power required
- 10-meter microphone cable with XLR3M connector

PRA52B black

PRA52W white

Specifications

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Frequency Response	40-18,000 Hz
Sensitivity	-43 dBV/Pa (7.1 mV)
Output Impedance	600 Ω
Min. Load Impedance	2,000 Ω
S/N Ratio	70 dB
Equivalent Output Noise	24 dB
Max. SPL	132 dB SPL
Dynamic Range	108 dB
Power Requirements	Phantom 12-52V DC, 4 mA
Finish	Black or white
Connector	XLR3M
Dimensions	Ø12x27 mm (Ø0.47"x1.06")
Net Weight	220 g (7.76 oz)
Accessories Furnished	S06 windscreen Steel holding spring Pipe clip
Packaging	Colorful outer packaging





D401S

Omni Podcast Microphone

Podcaster / Interview / Speech Recording / Communication / Language Learning Classroom

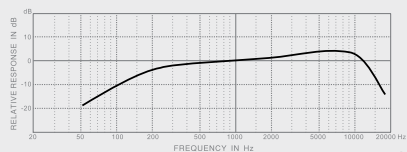
The Superlux D401S is an omni-directional, dynamic microphone with no proximity effect, and no coloration. It features uniform sensitivity and flat on-axis response to provide clear, articulate speech for interviews, broadcasts, or podcasts. It is very suitable for recording application, as there is no feedback concern or coloration.

Its sleek profile offers comfortable handling, attractive design and suppressed wind noise

- Omni directional, uniform sensitivity, balanced and natural sound.
- Low impedance, high dynamic range
- Spherical pick-up, capturing speech from all directions and delivering, consistent output signal when in long term use
- Strengthened metal grille, sturdy die-cast shaft for maximum impact protection

Specifications

Type	Dynamic
Polar Pattern	Omni
Frequency Response	80-15,000 Hz
Sensitivity	-54 dB (2 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
Max. SPL	135 dB SPL
Finish	Titanium grey
Connector	XLR3M
Dimensions	$\varnothing 47 \times 174$ mm ($\varnothing 1.85 \times 4.33$ ")
Net Weight	280 g (9.9 oz)
Accessories Furnished	HM38S mic clip with screw knob YA2 threaded adapter
Packaging	White box



D401S



PRA535/NC

Push to Talk Microphone

Emergency / Communication / Transportation / Airplane / Noisy and Traveling Environments

The PRA535 series microphone has push to talk function with excellent attenuation of ambient noise. The PRA535 is a noise cancelling type, the PRA535NC is an ultra noise cancelling type, both with a built-in 3.4-meter coil spring output cable.

- Push to talk switch
- Excellent in clearness of speech recognition and intelligibility
- Excellent attenuation of ambient noise
- Premium durability to high temperature, humidity, vibration and dropping
- Corrosion-resistant body (against oil, acid, and alkali)

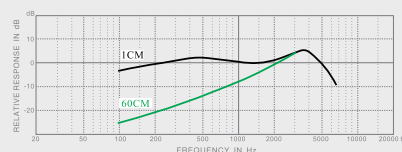
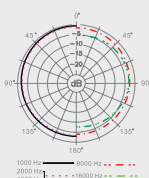
PRA535 6.3 mm TS connector, noise cancelling

PRA535NC Pigtail, ultra noise cancelling

PRA535NC/P 6.3 mm TS output connector, ultra noise cancelling

Specifications

Type	Dynamic
Polar Pattern	Omni
Frequency Response	100-5,000 Hz
Sensitivity	-66 dBV/Pa (0.5 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
Max. SPL	145 dB SPL
Finish	Black
Connector	Pigtail or 6.3 mm (1/4")
Dimensions	$67 \times 94 \times 50$ mm ($2.64 \times 3.7 \times 1.97$ ")
Net Weight	250 g (8.8 oz)
Accessories Furnished	Wall bracket
Packaging	White box



PRA535



PRA448

Flush Mount Microphone

Warehouse / Factory / School / Restaurant / Fast Food Stores / Apartment / Security Access

The PRA448 dynamic microphone is specially designed to flush mount on a wall. It can be used both indoors and outdoors and comes with a stainless steel plate, standard gauge box plate size for easier installation and is available with, a DPDT push switch for momentary on/off.

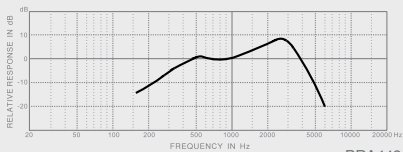
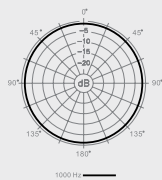
- Clear voice
- Standard gauge box plate size
- DPDT on/off switch (PRA448S)

PRA448S with on/off switch

Specifications



Type	Dynamic
Polar Pattern	Omni
Frequency Response	150-4,500 Hz
Sensitivity	-45 dBV/Pa (7.9 mV)
Output Impedance	500 Ω
Min. Load Impedance	2,000 Ω
Max. SPL	135 dB SPL
Finish	Stainless steel
Connector	Pigtail
Dimensions	115 x 70 x 33 mm (4.53" x 2.76" x 1.3")
Net Weight	80 g (2.8 oz)
Packaging	White box



PRA448

Conference System & Measurement

SC70 Conference System



SC70 Central Control Unit



SC 70 Series is a system whose ease of setup, operation and expansion makes it ideal for conferences, boardrooms, government offices, committee rooms, press centers, courtrooms, etc. With a variety of inputs and outputs, the SC70 Central Control Unit features remote conference ability.

Easy Setup

Setting up the SC70 system is quick and easy. The basic requirements are simply to attach the Chairman and Delegate Units to the system's central unit, connecting each unit according to your requirements. Lockable connectors make the system simple and reliable.

Easy Expansion

A Central Unit can handle up to 70 chairman and delegate units. When there is a need for more than 70 delegates, the system allows connection of up to 3 central units and expansion of up to 210 delegate units daisy-chained together. Each Chairman/Delegate Unit includes a unidirectional gooseneck microphone, with 45 cm and 60 cm goosenecks to choose from.

Easy Storage

Each gooseneck microphone is detachable for easy storage.

Conference Discussion In Order

The number of simultaneously usable Chairman/Delegate Units can be selected in order to maintain good order.

Automatic Microphone Off

SC 70 series features an automatic microphone off function to switch the microphone off automatically after a preset interval elapses (three positions: off, 20 or 40 seconds), even when the delegates forget to turn off their microphone.

- Easy set-up and operation for portable use
- Excellent sound quality
- Built in loudspeaker in hi-fi quality
- Expandable up to 210 microphones by daisy-chaining 3 Central Control Units
- Remote conference communication capability
- Selectable from 1, 3 or 6 Delegate Units activated simultaneously
- Headphones/Rec out for each microphone unit for recording
- Gooseneck microphone length selectable from 45 cm and 60 cm
- Integrated light ring for indicating that Chairman/Delegate unit is activated

- Up to 70 Chairman/Delegate units per SC70 central unit
- Featuring expansion up to three SC70 central units for a total of 210 Chairman/Delegate Units in one system
- System supports having all microphones on for recording purposes

MIC LIMITER



MIC LIMITER

Number of simultaneously usable Delegate Units can be selected. When "0" is selected, only Chairman Unit can be activated.

TIME OUT



TIME OUT

Switches off the microphone automatically even when the delegates forget to turn off after a preset interval elapses (three positions: off, 20 or 40 seconds).

TEST/MIC ON



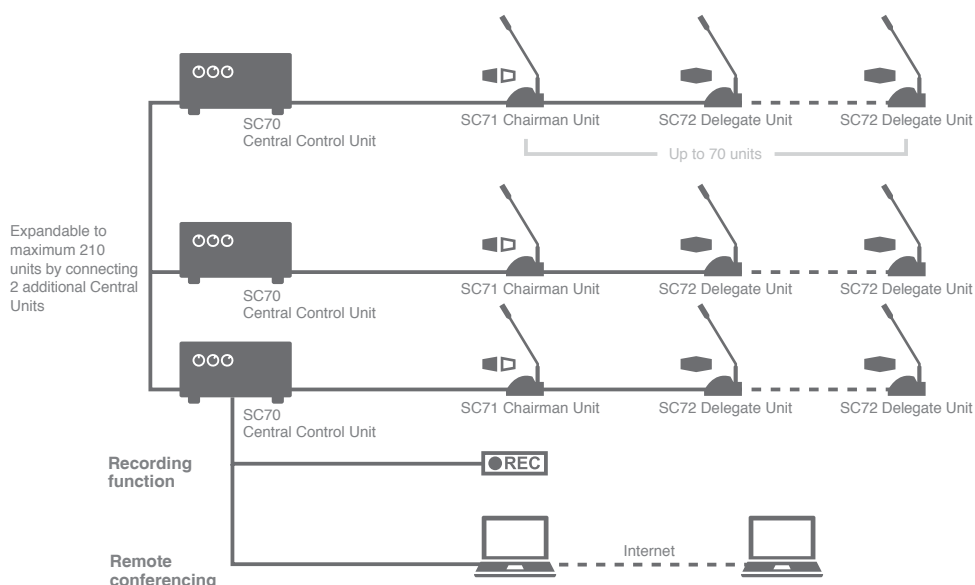
TEST/MIC ON

Easy checking of the connection status of all connected units by activating this feature

SC70 Central Control Unit

Inputs	Microphone: -60 dB, 600 Ω, Unbal., phone jack Aux: -20 dB, 10 kΩ, Unbal., phone jack
Outputs	Rec out: -20 dB, 10 kΩ, Unbal., phone jack, 2 RCA
Equalizer Insert	Input: -20 dB, 10 kΩ, RCA Output: -20 dB, 10 kΩ, RCA
Expansion I/O	Input: -20 dB, 10 kΩ, 2 RCA Output: -20 dB, 10 kΩ, 2 RCA Control: ≥10k Ω, voltage output, 2 RCA
Controls	Priority chime: a single-tone chime is activated by press down priority override control. Microphone limit: number of simultaneously workable SC71 and SC72 can be set to 1, 3, or 6 Microphone automatic off: OFF / 20 sec / 40 sec (selectable)
Number of Conference Units	70 units (Max. 35 per line) Up to 210 units with 3 central control units
Operating Temperature	0°C -40°C
Operating Humidity	under 90%
Power Requirements	AC mains 115/230 VAC, 50/60 Hz
Consumption	Max. 60W
Rated Output	35V DC, 650 mA x2
Finish	Black
Dimensions (W x H x D)	210 x 107.1 x 316 mm (8.3" x 4.2" x 12.4")
Net Weight	4 kg (8.8 lbs)

System Connection Diagram



SC71

Chairman Unit



- Push to talk control
- Priority override control
- Each Chairman Unit includes an internal speaker, and when speaker is working the microphone is turned off automatically to avoid feedback
- 1/8" (3.5 mm) headphone/record output with volume control

SC72

Delegate Unit



- Push to talk control
- Each Delegate Unit includes an internal speaker, and when speaker is working the microphone is turned off automatically to avoid feedback
- 1/8" (3.5 mm) headphone/record output with volume control

E322M / BL4

E322L / BL4

Condenser Gooseneck Microphone

- Unidirectional directivity
- Red ring lights up to indicate microphone is on
- E322M/BL4 is 45 cm and E322L/BL4 is 60 cm long

	SC71 Chairman Unit	SC72 Delegate Unit
Outputs	Headphones: 32 Ω Rec out: 10 kΩ, -20 dB, Unbal., mini jack (with volume control) Internal speaker: 130 Ω, 200 mW Contact output: 24V DC, Max. 50 mA (open collector output)	Headphones: 32 Ω Rec out: 10 kΩ, -20 dB, Unbal., mini jack (with volume control) Internal speaker: 130 Ω, 200 mW Contact output: 24V DC, Max. 50 mA (open collector output)
Control	Speech button: Microphone and speaker on/off control by speech switch Priority button: Microphone, speaker on/off, other microphone off and single-tone chime activation	Microphone and speaker on/off by speech button
Operating Temperature	0°C-40°C	0°C-40°C
Operating Humidity	under 90%	under 90%
Power Requirements	35V DC, ≤ 30 mA, supplied by SC70 central control unit	35V DC, ≤ 30 mA, supplied by SC70 central control unit
Finish	Case: Black Front Panel: Silver	Case: Black Front Panel: Silver
Dimensions (W x H x D)	114.5 x 78.4 x 152.9 mm (4.5" x 3.1" x 6")	114.5 x 78.4 x 152.9 mm (4.5" x 3.1" x 6")
Net Weight	785 g (27.7 oz)	785 g (27.7 oz)

Condenser Gooseneck Microphone

Type	Back electret, Ø9.7 mm (Ø0.38")
Polar Pattern	Cardioid
Output Impedance	600 Ω
Open Circuit Sensitivity	-40 dB V/Pa (10 mV)
LED Indicator	Red ring lamp
Frequency Response	50-16,000 Hz
Connector	Combined type of XLR-4-32
Finish	Black
Length	M: 450 mm (18") L: 600 mm (24")
Net Weight	M: 160 g (5.6 oz) L: 220 g (7.8 oz)
Applicable Unit	For use with SC71 chairman and SC72 delegate units

Expansion Cable

Connector	8 pins DIN socket and 8 pins DIN plug
Length	XE2NU: 2-meter XE10NU: 10-meter

Measurement Microphones



ECM999

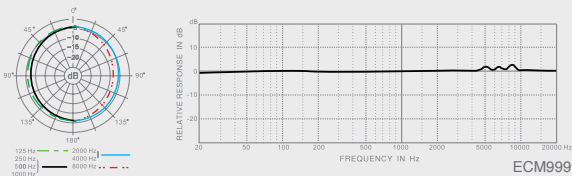
1/2" Measurement Microphone

Measurement / Recording

The ECM999 is an omni-directional microphone for free-field measurement with built-in highly-reliable circuit, 1/4" pre-polarized condenser capsule, high stability, low distortion, and less noise in performance. Its excellent flat frequency response makes it an ideal candidate for sonic analysis systems and for special recording as well.

- Sturdy metal construction, durable black finish
- Very flat response, excellent electro-acoustic characteristics
- Ideal for room sonic analysis systems, measurement, testing and recording
- Powered by phantom power 12-52V DC
- Standard 1/2" measurement diameter

Specifications	
Type	Back electret, Ø6 mm (Ø0.24")
Polar Pattern	Omni
Frequency Response	20-20,000 Hz
Sensitivity	-37 dBV/Pa (14 mV)
Output impedance	200 Ω
Minimum Load Impedance	1,000 Ω
S/N Ratio	70 dB
Equivalent Output Noise	24 dB
Max. SPL	132 dB SPL
Dynamic Range	108 dB
Power Requirements	12-52V DC, 2 mA
Finish	Black
Connector	XLR3M
Dimensions	Ø21 × 192 mm Ø0.83" × 7.56"
Net Weight	140 g (4.9 oz)
Accessories Furnished	HM10S mic clip with screw knob YA2 threaded adapter S02 windscreen
Packaging	A1 carrying case, colorful outer sleeve



ECM888B

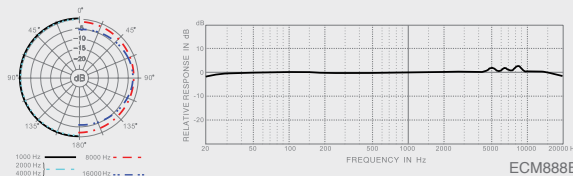
1/4" Measurement Microphone

Measurement / Recording

The ECM888B is a 1/4" standard measurement microphone powered by an internal battery. There is no external power needed for easier connection to various devices such as a real time analyzer, PC, or palm-size devices. Its wide and flat frequency response makes the ECM888B an ideal measurement and recording microphone.

- Metal structure with champagne silver finish
- Wide frequency response from 20 Hz to 20 kHz
- Suitable for spectrum analyzer, audio testing and measurement applications
- Internal battery, 6V 4LR44 battery
- 1/4" industrial standard diameter

Specifications	
Type	Back electret, Ø6 mm (Ø0.24")
Polar Pattern	Omni
Frequency Response	20-20,000 Hz
Sensitivity	-48 dBV/Pa (4 mV)
Output Impedance	800 Ω
Minimum Load Impedance	3 kΩ
S/N Ratio	72 dB
Equivalent Output Noise	22 dB
Max. SPL	132 dB SPL
Dynamic Range	110 dB
Power Requirements	6V 4LR44, 0.5 mA, >200 hours
Finish	Champagne silver
Connector	XLR3M
Dimensions	Ø21 × 170 mm Ø0.83" × 6.7"
Net Weight	150 g (5.3 oz), without battery
Accessories Furnished	HM32 shock mount YA2 threaded adapter 4LR44 battery
Packaging	A1 protective carrying case, colorful sleeve





E302

Mini Test Microphone

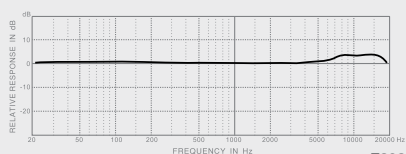
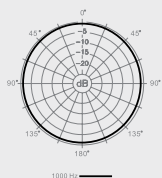
Home Theater / PC / Notebook

Omni measurement microphone is especially designed for home theater automatic alignment setting. Permanent attached cable with 3.5 mm stereo plug. It's suitable for popular plug-in power mic inputs and simple to use.

- Sturdy metal construction, black finish
- Very flat response, excellent electro-acoustic characteristics
- Ideal for home theater automatic alignment setting
- Permanent attached 8-meter cable 3.5 mm stereo plug, wired as mono

Specifications

Type	Back electrets, Ø6 mm (Ø0.24")
Polar Pattern	Omni
Frequency Response	20-20,000 Hz
Sensitivity	-42 dBV/Pa (7.94 mV)
Output Impedance	2.2 kΩ
Power Requirements	3-9V DC, 0.5 mA
Finish	Black
Connector	1/8" (3.5 mm) stereo mini plug, wired as mono 8-meter cable
Dimensions	Ø21 × 128.5 mm Ø0.83" × 5.1"
Net Weight	180 g (6.3 oz)
Accessories Furnished	DS01 table stand, HM9A mic clip
Packaging	White box



E302

Rotatable



PINK STICK

Signal Generator

Measurement / Recording

The Pink Stick is a random noise generator with built-in XLR-3M connector. It can be directly plugged into the microphone pre-amplifier which provides phantom power, so no battery is needed. Its rotary switch selects between pink noise, 1 kHz tone, and pulse tone and there is mute setting in between every signal for easy protection.

- Built-in pink noise, 1kHz, and pulse tone
- Extremely compact size
- Integral XLR3M connector for direct plug-in to the microphone preamplifier
- Phantom powered
- No batteries required
- Mute setting in between every signal for easy protection

Specifications

Type	Balanced mic level output
Noise Pattern	Pink noise, 1 kHz, pulse
Output Level	Pink noise: -14 dBu 1 kHz: -4.5 dBu Pulse: -29 dBu
Power Requirements	48V DC phantom
Finish	Champagne silver
Connector	XLR3M
Dimensions	Ø22 × 110 mm Ø0.89" × 4.35"
Net Weight	120 g (4.2 oz)
Packaging	Plastic locket



If you like to unwind after work with a karaoke performance, then the Tenlux Karaoke microphone series is exactly what you are looking for. With just the right bass and a bright high-frequency response, these microphones are designed specifically for the ultimate karaoke experience. Whether your system is wired or wireless, the Tenlux Karaoke series, combined with Tenlux amplifiers and speakers, can provide the best choice for your recreational karaoke.

Tenlux

Karaoke Series

Wired Microphones



PRO108T

Premium Karaoke Microphone

Professional / Commercial KTV / KTV Club

With 30 years of R&D of microphones, Tenlux now is introducing the ultimate KTV dynamic microphone to the KTV market. It represents pure, warm, smooth sound and is full of musical character.

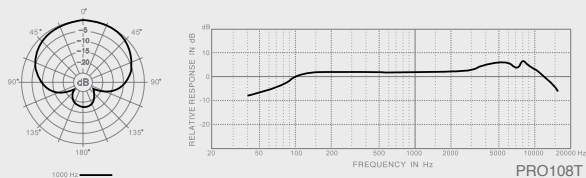
The PRO108T can easily pick up the high SPL dynamic and transient response. Feel the powerful, solid sound penetrate your heart with lots of details. With the flat off-axis frequency response against the unwanted acoustic coloration from other sources, it is an excellent microphone for live vocal performance.

The PRO108T's supercardioid directivity enhances the sound coming from the front and suppresses other sounds coming from the sides, thus ensuring a pure sound with no feedback. In addition, the improved capsule suspension system reduces handling noise. No matter whether you use it indoors or out, for speech or singing, the PRO108T is the best choice.

- Special vocal response curve and transformer output
- Pure, warm, smooth sound that is full of musical character
- Low proximity effect
- Flat off-axis frequency response against acoustic coloration from other sources
- High SPL capacity
- Low handling noise
- Custom double-layer dome diaphragm design with ribs ensures precise diaphragm movement

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-54 dBV/Pa (2 mV)
Output Impedance	300 Ω
Min. Load Impedance	300 Ω
Max.SPL	150 dB SPL
Finish	Chrome plated
Connector	XLR3M
Dimensions	Ø54 x 180 mm (Ø2.13" x 7.09")
Net Weight	340 g (12 oz)
Accessories Furnished	HM13 wall mount microphone holder
Optional Accessories	MA08 wall mount microphone holder S40 windscreen (black, blue, orange, red, yellow 5 colors to choose)





Tom's
Angel
Tom's II
Linda
Tom's III
Ruby

Tom's Family Microphone Series

Karaoke Microphone



Tom's

Angel

Tom's II

Linda

Tom's III

Ruby

Family KTV / KTV Club

Tom's family microphone series is specially designed for the KTV market. It combines fashion, professional sound quality and reliability, successfully capturing all KTV customers.

Tom's family microphone series has 6 models in three groups: TOM'S & ANGEL, TOM'S II & LINDA, TOM'S III & RUBY. These express the concept of three generations singing together, and the microphones can meet the requirements of all ages.

The high quality ND magnet and double-layer dome diaphragm design make it easy for singers to perform, and the reinforced steel grille and anti-rolling design makes it perfect for KTV.

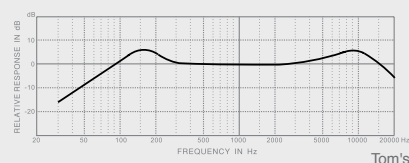
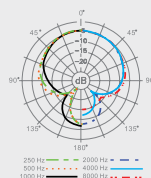
- International vocal frequency response standard reproduces the high band detail and powerful low band
- Supercardioid directivity with high gain before feedback
- 6 colors to choose from
- 3 frequency responses to suit different sound characters

Specifications

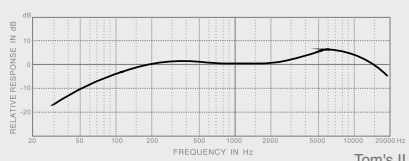
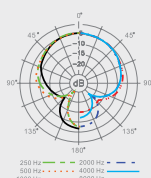
Model	Tom's	Angel	Tom's II	Linda	Tom's III	Ruby
Relationship	Father	Mother	Tom II	Wife	Son	Daughter
Age	70	68	40	38	14	12
Character	Implicit performance	Implicit performance	Full of flavor	Full of flavor	Clear and lively	Clear and lively
Color	Black	Rose gold	Grey	Champagne silver	Blue	Red
Frequency Response	150 Hz boost	150 Hz boost	Typical	Typical	100 Hz boost	100 Hz boost
Color Meaning	Sonorous calm	Still strong and vigorous	Energetic	Noble and generous	Lively	Bright cute
Occupation	Golf coach	Retired model	Professional golf player	Accountant	7th grade student	5th grade student

Specifications

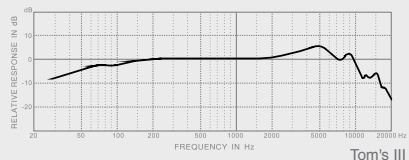
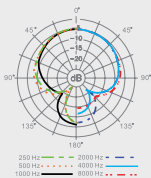
Type	Dynamic	
Polar Pattern	Supercardioid	
Frequency Response	50-16,000 Hz	
Sensitivity	-54 dBV/Pa (2 mV)	
Output Impedance	200 Ω	
Min. Load Impedance	200 Ω	
Max. SPL	150 dB SPL	
Finish	TOM'S: Black TOM'S II: Grey TOM'S III: Glue ANGEL: Rose gold LINDA: Champagne silver RUBY: Red	
Connector	XLR3M	
Dimensions	Ø55 × 180 mm (Ø2.17" × 7.08")	
Net Weight	362 g (12.7 oz)	
Accessories Furnished	Ø6 mm × 5-meter cable with XLR3F-6.3 mm (1/4") connector	
Optional Accessories	MA08 wall mount microphone holder S40 windscreen (black, blue, orange, red, yellow 5 colors to choose)	
Packaging	A2 protective carry case	



Tom's



Tom's II



Tom's III

TOM'S PC TOM'S PG

Commercial KTV Box Microphone In Pair



Tom's PC

Tom's PG

Commercial KTV Box / KTV Club

Based on the excellent sales of TOM'S family series microphones, Tenlux introduces an upgraded design for the commercial KTV box: TOM'S PC (chrome plated) and TOM'S PG (grey). Its 2-in-1 package and anti-rolling ring meet market requests. It presents a standard vocal response, making it very easy for singers to sound their best and its sturdy structure ensures reliability. With modular parts and fast, high quality after-service, it is the best for the commercial KTV market.

- Specially designed for commercial KTV box
- International vocal frequency response standard
- Reinforced steel grille
- Anti-rolling design
- 2 colors: chrome plated or grey
- 2-in-1 package



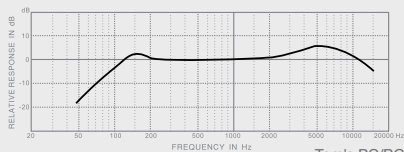
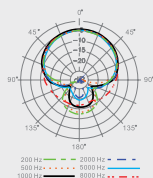
TOM'S PC: chrome plated
TOM'S PG: grey

Hex anti-rolling ring

Specifications



Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-15,000 Hz
Sensitivity	-53 dBV/Pa (2.2 mV)
Output Impedance	200 Ω
Min. Load Impedance	200 Ω
Max.SPL	150 dB SPL
Finish	TOM'S PC: Chrome plated TOM'S PG: Grey
Connector	XLR3M Silver plated
Dimensions	Ø55 x 180 mm (Ø2.17" x 7.09")
Net Weight	382.5 g (13.5 oz)
Accessories Furnished	2 hexagon anti-rolling ring
Optional Accessories	MA08 wall mount microphone holder S40 windscreen (black, blue, orange, red, yellow 5 colors to choose)
Packaging	A2 protective carry case



Tom's PC/PG

TOM'S FC TOM'S FG

Commercial Karaoke Microphone for Installation

Commercial KTV Box / KTV Club

With TOM'S PC/PG successfully selling in the commercial KTV market, Tenlux introduces KTV microphones for the installation market. These feature unique, unbreakable microphones and cables and are very suitable for the jukebox karaoke machine, commercial KTV box, and rental market. TOM'S FC/FG have not only inherited all the benefits from TOM'S PC/PG, but also feature an improved microphone structure. They offer a highly durable, low noise on/off switch and built-in, fixed reinforced cable structure to protect the microphone from broken cables, noisy signals, and loose connectors.

The two-color design suits different applications. TOM'S FC is chrome plated and TOM'S FG is grey. Connectors come in XLR3M or 1/4" TS (6.3 mm). The most important design for TOM'S FC/FG is to reproduce the true vocal character of the individual.

- International vocal frequency response standard
- Supercardioid, high gain before feedback
- Metal body, fixed 6-meter dual-wire shielding cable, with XLR3M or 1/4" connector
- Reinforced, fixed built-in cable prevents cable breaking, noise, loose connector
- All parts can be easily dismantled, assembling for maintenance
- Patented on/off switch, low noise, durable with locking function
- Anti-rolling design
- Reinforced steel grille, tamper-proof structure
- Modular design structure

TOM'S FC/X: chrome plated, XLR3M connector

TOM'S FC/P: chrome plated, 1/4" TS (6.3 mm) connector

TOM'S FG/X: grey, XLR3M connector

TOM'S FG/P: grey, 1/4" TS (6.3 mm) connector

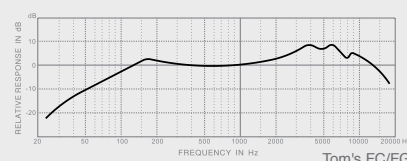
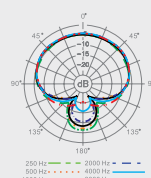


Tom's FC

Tom's FG

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	80-15,000 Hz
Sensitivity	-55 dBV/Pa (1.8 mV)
Output Impedance	200 Ω
Min. Load Impedance	200 Ω
Max. SPL	150 dB SPL
Finish	TOM'S FC: chrome plated TOM'S FG: grey
Connector	TOM'S FC/P: 6.3 mm (1/4"), Ø7.5 mm × 6-meter Cable TOM'S FC/X: XLR3M, Ø7.5 mm × 6-meter Cable TOM'S FG/P: 6.3 mm (1/4"), Ø7.5 mm × 6-meter Cable TOM'S FG/X: XLR3M, Ø7.5 mm × 6-meter Cable
Dimensions	Ø55 × 172 mm (Ø2.17" × 6.77")
Net Weight	778 g (27.4 oz), cable included
Optional Accessories	MA08 wall mount microphone holder S40 windscreen (black, blue, orange, red, yellow 5 colors to choose)
Packaging	Colorful outer packaging



Tom's FC/FG



DM718

Karaoke Microphone

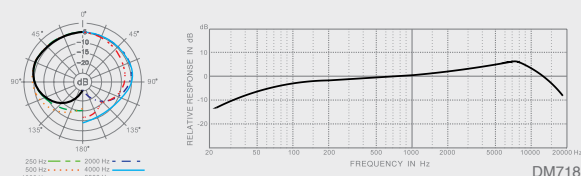
Family Karaoke

The Tenlux DM718 is the first microphone with a patented anti-rolling design. The octagonal anti-rolling ring fixed on the both ends have not only the function of anti-rolling, but also protects the capsule from hitting impacts. Its sturdy cast zinc alloy body and hardened elastic mesh grille resists damage from falls. The DM718 offers an extended frequency standard vocal response and high sensitivity, making it very easy for singers and is the best for karaoke.

- Patented octagonal anti-rolling ring
- Standard vocal and extended frequency response
- Sturdy cast zinc alloy body
- Hardened elastic mesh grille

Specifications

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	80-12,000 Hz
Sensitivity	-53 dBV/Pa (2.2 mV)
Output Impedance	500 Ω
Min. Load Impedance	500 Ω
Max. SPL	148 dB SPL
Finish	Titanium blue
Connector	XLR3M silver plated
Dimensions	$\varnothing 55 \times 176$ mm ($\varnothing 2.17'' \times 6.92''$)
Net Weight	268 g (9.45 oz)
Accessories Furnished	HM13 wall mount microphone holder $\varnothing 5.5$ mm \times 4.5-meter cable (XLR3F-6.3 mm (1/4'))
Optional Accessories	MA08 wall mount microphone holder S40 windscreen (black, blue, orange, red, yellow 5 colors to choose)
Packaging	Paper box with colorful outer sleeve



DM718



DM718A

Karaoke Microphone

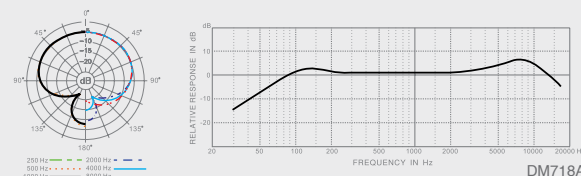
Family Karaoke

The DM718A dynamic karaoke microphone is an upgraded version of the best selling DM718. It has inherited all the benefits of the DM718 and also presents various innovations and new techniques. It features a hardened elastic mesh grille and professional capsule. These improvements help to resist the impact vibration and reduces the proximity effect. The uniform off-axis frequency response produces a clear and identical sound within 0°-45°, reducing the possibility of unwanted feedback or extraneous noise. The attractive blister packaging makes display easy.

- Hardened elastic mesh grille and professional capsule
- Powerful sound, detailed high frequency response
- International standard vocal frequency response
- Uniform supercardioid directivity
- Easy display with blister packaging
- Patented octagonal anti-rolling ring

Specifications

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	50-16,000 Hz
Sensitivity	-54 dBV/Pa (2 mV)
Output Impedance	200 Ω
Min. Load Impedance	200 Ω
Max. SPL	150 dB SPL
Finish	Titanium blue
Connector	XLR3M silver plated
Dimensions	$\varnothing 55 \times 177$ mm ($\varnothing 2.17'' \times 6.97''$)
Net Weight	328 g (11.6 oz)
Accessories Furnished	$\varnothing 5.5$ mm \times 5-meter cable (XLR3F-6.3 mm (1/4')) Pouch
Optional Accessories	MA08 wall mount microphone holder S40 windscreen (black, blue, orange, red, yellow 5 colors to choose)
Packaging	Blister packaging



DM718A



DM838

Karaoke Microphone

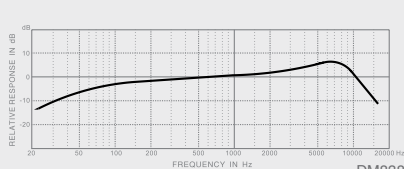
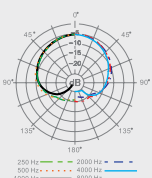
Family Karaoke

The DM838 is a very high value karaoke microphone, with ND magnet diaphragm, high sensitivity, and a standard karaoke tone that makes it easy to sing along with your favorite song.

- ND magnet capsule
- The elastic hardened mesh grille
- Wide frequency response
- Sturdy cast zinc alloy body
- Paper box with buffer protection

Specifications

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	80-12,000 Hz
Sensitivity	-53 dBV/Pa (2.2 mV)
Output Impedance	500 Ω
Min. Load Impedance	500 Ω
Max. SPL	148 dB SPL
Finish	Black
Connector	XLR3M, silver plated
Dimensions	Ø54 × 174.5 mm (Ø2.13" × 6.87")
Net Weight	250 g (8.8 oz)
Accessories Furnished	Ø5.5 mm × 8-meter cable (XLR3F-6.3 mm(1/4"))
Optional Accessories	MA08 wall mount microphone holder S40 windscreen (black, blue, orange, red, yellow 5 colors to choose)
Packaging	Colorful outer packaging



DM838



DM858

NEW

Karaoke Microphone

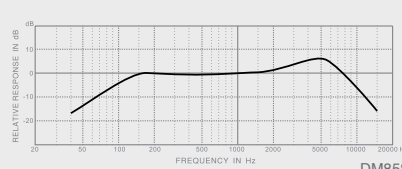
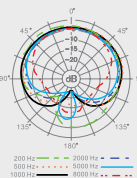
Family Karaoke

The DM858 has inherited all the benefits of the DM8 series microphones. It is also smaller, with a reinforced structure and upgraded diaphragm quality to suit the popular computer karaoke. With the DM858's standard karaoke sound and highly sensitive ND magnet capsule, it is easy to sing and match that karaoke sound.

- Compact size, for PC karaoke
- ND magnet capsule
- Sturdy cast zinc alloy body
- Paper box with buffer protection
- 5-meter cable and wall mount microphone holder included

Specifications

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	50-16,000 Hz
Sensitivity	-55 dBV/Pa (1.8 mV)
Output Impedance	500 Ω
Min. Load Impedance	500 Ω
Max. SPL	155 dB SPL
Finish	Black
Connector	XLR3M, silver plated
Dimensions	Ø49 × 149.1 mm (Ø1.93" × 5.87")
Net Weight	230 g (8.1 oz)
Accessories Furnished	HM13 wall mount microphone holder Ø5.5 mm × 5-meter cable (XLR3F-6.3 mm(1/4")) Pouch
Optional Accessories	MA08 wall mount microphone holder S40 windscreen (black, blue, orange, red, yellow 5 colors to choose)
Packaging	Colorful outer packaging



DM858



DM102 NEW

Family Karaoke

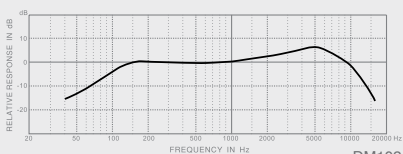
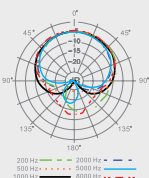
Family KTV

The DM102 is a very high value karaoke microphone. With an ND magnet diaphragm, high sensitivity, and a standard karaoke tone, it presents the individual character of the performer..

- ND magnet diaphragm
- Standard karaoke sound
- Paper box with buffer protection

Specifications

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	50-16,000 Hz
Sensitivity	-55 dBV/Pa (1.8 mV)
Output Impedance	500 Ω
Min. Load Impedance	500 Ω
Max. SPL	155 dB SPL
Finish	Black, plastic body
Connector	XLR3M silver plated
Dimensions	Ø53.5 × 173.5 mm (Ø2.11" × 6.83")
Net Weight	130 g (4.6 oz)
Accessories Furnished	5-meter cable (XLR3F-6.3 mm (1/4")) Pouch
Optional Accessories	MA08 wall mount microphone holder S40 windscreen (black, blue, orange, red, yellow 5 colors to choose)
Packaging	Colorful outer packaging



DM102



VT9 Series NEW

Practical Wireless System

Family Karaoke / PA

The VT9 Series wireless system is built for karaoke and general PA applications. This highly reliable wireless system has been carefully designed to ensure that a clear and warm vocal sound will be reproduced within an effective operating distance. This series is the most popular for installation in karaoke boxes, schools, speech venues, and night clubs.

- Quartz oscillation fixed frequency receiver, no need to match the channel
- Frequency range: 170 MHz-250 MHz
- HF with multiple narrow-band filter to minimize the interference
- Low voltage working design, battery powered handheld transmitter works even when voltage is lowered to 5V
- ALC circuitry protects microphone from high sound pressure, lowering the possibility of distortion
- Eliminate unwanted pulse noise design while turning transmitter on or off
- Quartz oscillation mode to ensure ultra-stability
- Advance compander circuitry reduces noise and increases dynamic range
- Feedback eliminator to increase the maximum feedback level
- Independent output and mixed output

For more specifications, please refer to wireless category page 104.



VT825

Practical Wireless System

Karaoke / Family Entertainment / PA

The VT825 series wireless microphone system is specially designed for karaoke and general PA applications. Its high quality condenser capsule and compander circuitry ensure that a clear and warm vocal sound will be reproduced, while a highly reliable wireless system protects the signal from drop-out. It also offers pilotone and noise-lock squelch technology to prevent random noise interference from sources like computers, karaoke machines and DVD players. The VT825 is the best choice for installation in karaoke boxes, schools, speech, family entertainment, and night clubs.

VT8 Receiver

- VHF band, Quartz oscillation fixed frequency receiver, no need to match the channel
- HF with multiple narrow-band filter to minimize interference
- Advance compander circuitry to reduce noise and increase dynamic range
- RF & AF signal level LED indicator
- International EIA 19" rack mount 1U receiver
- Pilotone and noise-lock squelch technology
- Output level is selectable from high or low level
- Unique color code to match the frequency between the receiver and transmitter

VT2 Handheld Transmitter

- Professional condenser capsule
- Eliminates pulse noise while turning transmitter on/off
- Battery power-saving design, continuous 12-hour operation
- Low battery voltage indicator

Optional Six Fixed Frequencies

Model / Frequency (Hz)	FREQ 1	FREQ 2
VT825AA	202.400	203.300
VT825BB	206.400	208.200
VT825CC	212.825	213.400
VT825DD	241.850	243.550
VT825EE	244.200	248.100
VT825FF	246.850	250.000

System

Carrier Frequency	VHF 160~250 MHz
Frequency Stability	± 0.005% with temperature compensation
Max. Deviation Range	± 15 kHz auto
Dynamic Range	> 110 dB
S/N Ratio	≥ 102 dB
THD	< 1%
Frequency Response	50-18,000 Hz

VT8 Receiver

Receiving Mode	Dual antennas
Sensitivity	12 dBμV @ S/N > 80 dB
Spurious Rejection	70 dB
False Image Interfere Rate	> 60 dB
Harmonic Interference	> 75 dB
Output Level	Switchable from -2 dB/5,000 Ω and -12 dB/600 Ω unbalanced output
Power Requirements	12-15V DC / 0.5A
Dimensions	240 × 44 × 212 mm (9.45" × 1.74" × 8.35")
Net Weight	2.2 kg (4.85 lbs)

VT2 Handheld Transmitters

Capsule	Professional condenser
Antenna	Hidden design
Transmission Power	10-20 mW
Radiated Harmonics	-45 dBc
Battery	9V battery or rechargeable battery
Power Consumption	30 mA
Dimensions	Ø52 × 240 mm (Ø2.05" × 9.45")
Net Weight	250 g (8.8 oz)

Power Amplifiers



TK300



TK200

TK300 TK200

TK300 3 Channel Amplifier

TK200 2 Channel Amplifier

Karaoke / KTV Box / Mid Event Stage

The TK serial professional karaoke amplifier is specially designed for the karaoke market, with high quality components and a sleek, fashionable shape. The TK300 has 3 channels 300 W and the TK200 has 2 channels 200 W; both feature high, mid, low EQ control, 4 effects, 11 stage key change function and various types of input/output connectors, meeting all yours karaoke needs.

- 4 standard karaoke effects: Reverb, Echo, Repeat, Delay
- 11 stage key change function to extend the key range
- Blue LED display and blue LED backlight brighten the Tenlux
- Mic input channel has high, mid, low EQ control
- Front panel, 3 mic inputs; rear panel, 2 mic inputs (3 level adjust knobs)
- Auto balance control switch to unify the level balance from different sources
- Built-in external effect in / out connectors
- Input music source auto / manual control switch
- Additional power output: unswitched output 200 W, switched output 100 W
- Independent BGM level control
- Additional signals output connectors: Pre, subwoofer, music, record out

TK300

- 300W+300W+300W 3-channel amplifier
- Independent center channel with Treble and Bass EQ control
- Music channel with Treble and Bass EQ control
-

TK200

- 200W+200W 2-channel amplifier
- Music channel with Treble, Mid and Bass EQ control

Specifications

Max. Output Power	TK300: 300 W + 300 W + 300 W TK200: 200 W + 200 W
THD@1k Hz, 8Ω, 50W	0.03%
Input Sensitivity / Impedance	Mic: 6 mV / 3.3 kΩ DVD, TAPE, AUX: 300 mV / 47 kΩ BGM: 300 mV / 47 kΩ
Output Level / Impedance	PRE OUT: 2.2V / 2.2 kΩ SUB OUT: 2.2V / 2.2 kΩ REC OUT: 300 mV / 2.2 kΩ MUSIC OUT: 2.2V / 2.2 kΩ
Frequency Response	20-20,000 Hz, ± 3 dB (Mic & Music)
Key Control Range	11 steps, ± 5 tones
Video Input: level/impedance	1Vp-p / 75 Ω
Video Output: level/impedance	1Vp-p / 75 Ω
Power Requirements (depends on region)	115V / 230V, 50 / 60 Hz
Power Consumption	760 W
Dimensions (W×H×D)	420 × 138 × 430 mm 16.54" × 5.44" × 16.93"
Net Weight	TK300: 15.2 kg (33.5 lbs) TK200: 13.5 kg (29.7 lbs)

Speakers



TS8 TS10

TS8 Dual High Frequency Tweeters and 8-inch Woofer
TS10 Dual High Frequency Tweeters and 10-inch Woofer

Karaoke / KTV Box / Mid Event Stage

The TS series karaoke professional speaker is specially designed for karaoke entertainment with professional stage speaker components. The unique dual high frequency diaphragm design widens the speaker coverage. Operating with the TK series amplifier presents a rich, warm vocal texture, with high power, high sensitivity and good reliability. With easy installation, the TS speakers are the best value for the karaoke market.

- Crystal mid-high frequency, rich and full low frequency
- Matched pair symmetry cabinet design, accurate sound field, good ambient sound
- 2-way, 3-component design
- High power capacity, suitable for commercial location
- Metal protective grille, good looking, durable and safe
- Suspension design, easy to install, less space

Specifications

Model No.	TS8	TS10
Type	2-ways, 3 components, bass reflex cabinet	2-ways, 3 components, bass reflex cabinet
Max. Power	350 W	450 W
Rated Power	150 W	200 W
Components	Dual 77 mm conical HF 200 mm conical woofer	Dual 77 mm conical HF 250 mm conical woofer
Frequency Response	45 Hz-20,000 Hz	40 Hz-20,000 Hz
Sensitivity@ 1W/1m	90 dB SPL	90 dB SPL
Impedance	8 Ω	8 Ω
Crossover Frequency	2,000 Hz	2,000 Hz
Dimensions (WxHxD)	454 × 266 × 240 mm 17.88" × 10.48" × 9.45"	504 × 295 × 269 mm 19.85" × 11.62" × 10.59"
Net Weight	7.5 kg (16.5 lbs)	10.5 kg (23.1 lbs)
Optional Accessories	SPS869 speaker wall mount	



Superlux SF12AS

12" Active Subwoofer Speaker

Karaoke / KTV Box / Mid Event Stage

The Superlux SF12AS molded powered subwoofer is the ideal solution where big sound and compact cabinet are required. Combining the amazing low-frequency performance of a subwoofer driver with a high-efficiency 500 watt amplifier channel and an electronic crossover, the SF12AS eliminates the need for a separate crossover to drive a full-range system. A line level XLR output is also provided for daisy chaining to additional active subwoofer speakers or additional power amps.

- Matched with TS8 & TS10, provides earth-shaking low frequency energy
- Built-in 500W RMS ultra-high power amplifier
- 12-inch long throw subwoofer
- Bass reflex cabinet design
- Frequency response: 43 Hz-275 Hz
- Upright or horizontal position available

For more specifications, please refer to speaker category page 138.

Tenlux Karaoke Packs

A Pack



Includes

- 2 TOM'S PC wired microphones
- 1 VT96 hand held wireless system with 2 transmitters
- 1 TK200 2-channel amplifier
- 2 TS8 8-inch main speakers
- 2 SPS869 speaker wall mounts
- 2 5-meter microphone cables
- 2 MA09 dual mic wall mount clips



TK200 2-channel amplifier



TS8 8-inch main speaker



SPS869 speaker wall mounts



5-meter microphone cables



MA09 dual mic wall mount clips

B Pack



Includes:

- 2 TOM'S PC wired microphones
- 1 VT825 hand held wireless system with 2 transmitters
- 1 TK300 3-channel amplifier
- 3 TS10 10-inch main speakers
- 1 SF12AS 12-inch active subwoofer speaker
- 3 SPS869 speaker wall mounts
- 2 5-meter microphone cables
- 2 MA09 dual mic wall mount holders



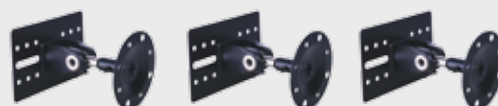
TK300 3-channel amplifier



TS10 10-inch main speakers



SF12AS 12-inch active
subwoofer speaker



SPS869 speaker wall mounts

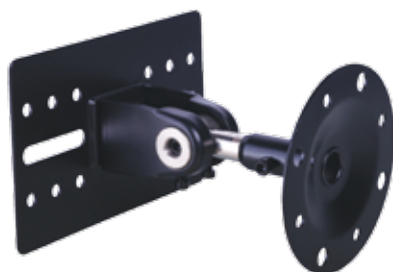


5-meter microphone cables



MA09 dual mic wall mount holders

Accessories



SPS869

Speaker Wall Mount

Capacity	25 kg
Net Weight	0.9 kg
Material	Iron
Fits	TS8, TS10 speaker



HM13

Wall Mount Microphone Holder

ID: 33.5 mm, fits all Tenlux microphones



MA08

Wall Mount Microphone Holder

ID: 33.5 mm, includes microphone cable hook, fits all Tenlux microphones



MA09

Wall Mount Dual Microphone Holder

ID: 33.5 mm, fits all Tenlux microphones



S40

Windscreens

Suitable for Ø46-52 mm microphone, 5 colors to choose from: black, orange, blue, red, yellow.





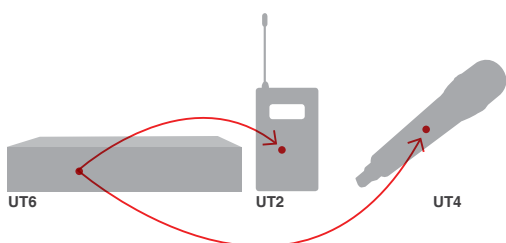
Wireless Systems

Wireless Systems

UT6 Series



99 channel true diversity



Infrared frequency control
1-button FIC frequency infrared communication, syncing transmitter and receiver



UT6

True Diversity Receiver

Theater / Stage / Conference / Church / Temple / Live Concert / Rental Companies

The UT Series of UHF wireless systems is designed for professional users, offering 16 groups with a choice of up to 99 frequencies of UHF channels. The UT6 true diversity receiver ensures the receiving stability of the wireless signal. Its color LCD display, 1-button FIC frequency infrared communication, syncing transmitter and receiver, and a choice of a variety of condenser and dynamic microphones for transmitter to complete the system, all ensure that the UT series will meet the critical demands of even professional users.

- True diversity receiver and metal case
- 24 MHz bandwidth, 99 frequencies UHF channels
- Tone code squelch setting
- Transmitter battery status meter display
- 1-button FIC frequency infrared communication syncing transmitter and receiver
- Easy to read color LCD display
- "SCAN" button allows the receiver to auto-scan and lock on to an open, interference-free frequency

Specifications

Carrier Frequency Range	620~960 MHz 621.275-642.675 MHz 99 CH 740.125-751.875 MHz 32 CH 799.275-820.675 MHz 99 CH
Oscillation Mode	PLL synthesized
Channels	99
Space Between Channels	125 kHz
Bandwidth	24 MHz
Carrier Stability	±5 ppm ≤ 10 kHz
Image Interference Ratio	>70 dB
Audio Frequency Response	50 Hz - 18 kHz
S/N Ratio	>105 dB
THD	≤ 0.5% @ 1 kHz
Max. Output	Balanced : -14 dBV/100 Ω, Unbalanced : -4 dBV/5 kΩ
Display	Color LCD
DC Power Input	12~18V, 1.25A
Power Requirements	Input 100~240 VAC, Output 12 VDC/1.25A
Dimensions	46 x 210 x 225 mm (1.81" x 8.27" x 8.86")
Net Weight	1.14 kg (2.51 lbs)
Packaging	Protective carrying case & colorful outer packaging



UT4

Handheld Transmitter

The UT4 is a professional handheld transmitter and can be used with a variety of dynamic or condenser microphone capsules. It offers 16 groups of UHF channels with a choice of up to 99 frequencies. The UT4 features 1-button FIC frequency infrared communication, syncing transmitter and receiver. Its battery power status display gives an indication of battery life.

- 1-button FIC frequency infrared communication, syncing transmitter and receiver
- 99 frequencies UHF channels
- Interchangeable capsule
- LCD display for battery power status
- Two AA alkaline battery provides over 8 hours continuous use

Specifications

Carrying Frequency Range	620~960M Hz 621.275-642.675 MHz 99 CH 740.125-751.875 MHz 32 CH 799.275-820.675 MHz 99 CH
Oscillation Mode	PLL synthesized
Channels	99
Channels Space Between Channels	125 kHz
Bandwidth	24 MHz
Carrier Stability	±0.005%
Maximum Deviation	±48 kHz
Spurious Emissions	<-60 dBc
RF Output Power	20 mW
Frequency Setting	Infrared controlled by receiver
Dynamic Range	>110 dB
Display	LCD display
Power Consumption	≤100 mA@3V (2×1.5V AA alkaline batteries)
Dimensions	Ø50 × 260 mm (Ø1.97" × 10.24")
Net Weight	275 g (9.7 oz)



UT2

Bodypack Transmitter

The UT2 is a professional bodypack transmitter and can be used with a variety of high quality headsets or lavalier microphones. It offers 16 groups of UHF channels with a choice of up to 99 frequencies in a 24 MHz bandwidth. 1-button FIC frequency infrared communication, syncing transmitter and receiver, offers easy setup of frequencies. The UT2 also features a battery power status display. An adjustable microphone or guitar gain control makes it equally suitable for vocal or instrument applications.

- 1-button FIC frequency infrared communication, syncing transmitter and receiver
- 99 frequencies of UHF channels
- A variety of headworn and lavalier microphones can work with the UT2 transmitter
- LCD display for battery power status
- Two AA alkaline batteries give over 8 hours continuous use
- Gain control for microphone and instrument

Specifications

Carrier Frequency Range	620-960 MHz 621.275-642.675 MHz 99 CH 740.125-751.875 MHz 32 CH 799.275-820.675 MHz 99 CH
Oscillation Mode	PLL synthesized
Channels	99
Space Between Channels	125 kHz
Bandwidth	24 MHz
Carrier Stability	±0.005%
Maximum Deviation	±48 kHz
Spurious Emissions	< -60 dBc
RF Output Power	20 mW
Frequency Setting	Infrared controlled by receiver
Dynamic Range	>110 dB
Display	LCD display
Power Consumption	≤100 mA@3V (2×1.5V AA alkaline batteries)
Dimensions	190 × 65 × 25 mm (7.48 × 2.56 × 0.98 in.)
Net Weight	100 g (3.5 oz)

Optional Microphones

Handheld Microphones

S125

1/2" True Condenser Microphone



The S125's precision 1/2" gold sputtered diaphragm presents studio-grade quality with extended frequency response, high resolution and detail. This all new design has added a triple-layer windscreen for up-close vocals in recording studios as well as on the stage.

Headset Microphones

PRA30TQG

Condenser Microphone



The PRA30 headworn microphone with its elastic steel frames and adjustable head band carefully designed to human ergonomic standards, gives the best wearability performance for even active users. Its high sound quality with no proximity effect can protect from pop sounds when used in close miking applications. This microphone provides a tailored frequency response that gives proper elevation in the vocal range of singing. Especially designed for any hands-free microphone occasion, the PRA30 is ideal for all live performances.

Instrument Microphone

PRA383TQG

Clip-on Microphone with Gooseneck



Designed specifically for use with instruments such as saxophones, woods, eastern and western strings, and percussion, this condenser gooseneck mic is capable of handling high sound pressure levels with a flat response. It is easy to clip onto various instruments and is simple to adjust by bending the short gooseneck for that sweet spot. The PRA383TQG is an ideal choice in live sound and recording studios applications for any mid-high frequency range instrument sound pick-up.



D108A

Dynamic Microphone

The D108A's tailored vocal sound profile gives a clear and warm vocal reproduction. Its supercardioid directivity gives high gain before feedback and the modular capsule with its gold-plated contacts is designed for reliability, making this sturdy microphone a best choice for all professional users.

TOP248

Dynamic Microphone

The TOP248 microphone is designed for professional vocal and instrument live sound applications. This dynamic microphone incorporates neodymium magnets and an aluminum voice coil on a double membrane diaphragm. Due to its 60~240Hz band boosting, the TOP248 provides more bass punch, yet has transparency in the high frequencies. The TOP248 is the best choice for pop music, soul and Jazz music.



PRO238C

Electret Condenser Microphone

PRO238C is a multi-purpose cardioid condenser microphone, offering high quality sound, low handling noise and an anti-rolling design. This all-purpose mic is suitable for vocals, instruments, conferences and interviews.



PRA20TQG

Dynamic Microphone

This comfortable, durable head-worn dynamic microphone is especially designed for those occasions when a hand-held microphone is not desirable. Its high sound quality with no proximity effect can protect from pop sounds when used in close miking applications. With its fully adjustable head band and a tailored frequency response that gives proper elevation in the vocal range of singing, the PRA20TQG is especially suitable for speech and does not require phantom power to operate.



E10ATQG

Cardioid Condenser Microphone

The E10A is a low impedance condenser headworn mini-microphone designed for close-up applications where there is a constant distance between the mic and the sound source. The frequency response is wide and flat for a natural sound. Ideal for sports, gym, interviews, drama, speech or musicians, the improved cable arrangement of the E10ATQG is designed both for simplicity and easy concealment.



E10BTQG

Figure 8 Condenser Microphone

The E10B features a figure 8 directivity, giving high gain before feedback, and is suitable for use in a noisy environment. It is designed for close-up speech where there is a constant distance between the mic and the sound source such as in sports, interviews, live stage and personal sound reinforcement. It comes with newly designed wiring for a sleek and low profile appearance and its elastic steel frame fits all head sizes, ensuring long-term comfortable wear, making it an excellent choice for users in a noisy environment.



WO518TQG

Omni Directional Lavalier Microphone

The WO518TQG is an omni lavalier clip-on condenser microphone for hidden recording. Its tailored frequency response gives accurate, intelligible speech reproduction. Suitable for doing interviews for the broadcast industry, the extended bass frequency range of this lavalier mic also makes it ideal for sound pick up of such instruments as the cello and double bass.



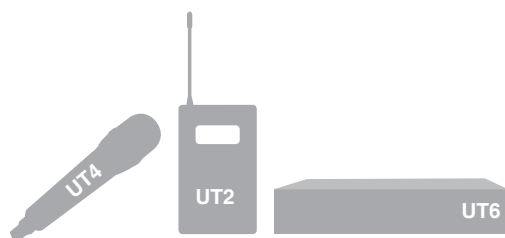
E12ATQG

Omni Directional Mini Lavalier Microphone


The E12ATQG omni lavalier mini clip-on condenser microphone is perfect for hidden recording. Its tailored frequency response gives accurate, intelligible reproduction of speech and is suitable for interviews in the broadcast industry.

Lavalier Microphones

Wireless Systems



UT64 / 125

True Condenser Handheld System  

UT4/125 Transmitter with S125 condenser capsule
UT6 True diversity receiver

Handheld Systems



UT62 / 20



Dynamic Headworn System  

PRA20TQG Dynamic headworn microphone
UT2 Bodypack transmitter
UT6 True diversity receiver

Headworn Systems





UT62 / O518

Lavalier System  

WO518TQG Omni Lavalier microphone
UT2 Bodypack transmitter
UT6 True diversity receiver



UT62 / 12A

Lavalier System  

E12ATQG Omni Mini Lavalier microphone
UT2 Bodypack transmitter
UT6 True diversity receiver

Lavalier Systems



UT64 / 108A

Dynamic Handheld System



UT4/108A Transmitter with D108 dynamic capsule
UT6 True diversity receiver



UT64 / TOP248

Dynamic Handheld System



UT4/TOP248 Transmitter with TOP248 dynamic capsule
UT6 True diversity receiver



UT64 / 238C

Condenser Handheld System



UT4/238C Transmitter with PRO238C condenser capsule
UT6 True diversity receiver



UT62 / 30

Condenser Headworn System



PRA30TQG Condenser headworn microphone
UT2 Bodypack transmitter
UT6 True diversity receiver



UT62 / 10A

Condenser Headworn System



E10ATQG Cardioid headworn microphone
UT2 Bodypack transmitter
UT6 True diversity receiver



UT62 / 10B

Condenser Headworn System



E10BTQG Figure 8 headworn microphone
UT2 Bodypack transmitter
UT6 True diversity receiver



UT62G

Guitar System



GA03 Instrument cable
UT2 Bodypack transmitter
UT6 True diversity receiver



UT62 / 383

Instrument System



PRA383TQG Clip-on microphone with gooseneck
UT2 Bodypack transmitter
UT6 True diversity receiver



Instrument System

Optional Accessories for UT6 Wireless System



UDA28 NEW Antenna Distributer

The UDA28 antenna distributer can work with four UHF diversity receivers. It not only greatly expands receiving range and efficiency but also reduces the time needed for antenna installation. The UDA28 adopts the latest wide dynamic range, utilizes low distortion components, and its advanced circuit design achieves very low inter-modulation distortion and eliminates the spurious interference present in multiple system applications. The UDA28 can be coupled with the AT0 antenna extension kit and AT2 antenna signal booster, which offer a 13 dB gain for the receiving wireless signal, and greatly increase the stability of the wireless system.

- Frequency Range 620 MHz-960 MHz
- The UDA28 can work with four UHF diversity receivers
- Easy install, greatly expands the receiving range and efficiency
- Suppresses interference from mixing frequencies in a multiple channel system
- Coupling with AT0 antenna extension kit and AT2 antenna signal booster can increase the signal level.

Carrier Frequency Range	620-960 MHz 621.275-642.275 MHz 99CH 740.125-751.875 MHz 32CH 799.275-820.675 MHz 99CH
Third Order Interception	+22 dBm
Gain	+1.0 dB (Center Band)
Output Port Isolation	15 dB min
Impedance	50 Ω
Bandwidth	24 MHz
Connector	TNC male
Power Requirements	12-18V DC
Current Drain	@170 mA
Dimensions	420 x 226 x 44 mm (16.54" x 8.9" x 1.73")
Weight	2 kg (4.4 lbs)
Accessories furnished	8 TNC-TNC (45 cm cable), power supply, rack mounting kit
Packaging	White box

AT2 Antenna Signal Booster

UHF antenna signal booster works between 620 MHz-960 MHz, offers 13 dB gain to compensate the loss from the very long antenna cable, and allows better S/N ratio, improving the the operating range and signal stability.

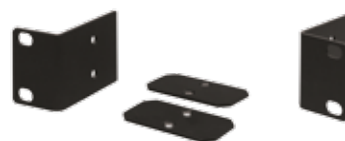
Carrier Frequency Range	620~960 MHz
Max. input level	<+20 dBm
Noise coefficient	< 2.5 dB (Center Band)
Gain	+13 dB (Center Band)
Input SWVR	≤ 2.5
Impedance	50 Ω
Power requirements	8V DC, regulated
Max. consumption	@80 mA
Dimensions	Ø28 x 102 mm (Ø1.1" x 4")
Net weight	102 g (3.6 oz)
Packaging	White box



RK1

Rack Ears

The RK1 can install one UT6 receiver into a 1U rack space.



RK2

Rack Ears

The RK2 can install two UT6 receivers into a 1U rack space.



AT0 ^{NEW}

Remote Antenna

The AT0 is an antenna extension for UHF system that provides a significant gain over the 1/4-wave monopole. The best impedance match is when the radials are angled downward at a 45-degree angle. This creates a 1/2-wave dipole antenna effect, so the receiving status will remain stable, giving better results than a 1/4-wave monopole antenna. With the included threaded adapter, the AT0 can easily mount on a microphone stand.

Carrier Frequency Range	UHF 620-960 MHz
Impedance	50 Ω
Connector	TNC male
Dimensions	$\varnothing 166 \times 150$ mm ($\varnothing 6.6" \times 5.9"$)
Weight	230 g (8.1 oz)
Packaging	White box



AT1 ^{NEW}

Directional Antenna

The AT1 directional antenna provides a high gain signal in a specific direction when you use the wireless system over a very long distance, upgrading receiving and transmitting capabilities. With the built-in 12 dB booster and another 6 dBi gain from the high directional antenna structure, the efficiency of receiving and transmitting over long distances is greatly increased. The AT1 can be installed on any microphone stand using the included 5/8" threaded adapter. The design of the overall structure makes the AT1 suitable for outdoor environment applications.

Carrier Frequency Range	UHF 620~960 MHz
Gain	12 dB (receiving), 0 dB (receiving / transmitting)
Standing Wave Ratio	$\leq 1.5:1$ (receiving), $\leq 2:1$ (receiving / transmitting)
3 dB Beamwidth	80° vertical, 140° horizontal
Connector	2 TNC female
Dimensions (H x W x D)	340 x 270 x 40 mm 13.4" x 10.6" x 1.6"
Net Weight	580 g (20.4 oz)
Packaging	White box

Wireless System

VT9 Series



VT9 Series NEW

Practical Wireless System

Family Karaoke / PA

The VT9 Series wireless system is built for karaoke and general PA applications. This system has been carefully designed to ensure that a clear and warm vocal sound will be reproduced. This highly reliable wireless system has excellent coverage with superior RF stability within its effective operating distance. This series is the most popular for installation in karaoke systems, schools, speech, and night club applications.

- Quartz oscillation fixed frequency receiver - no need to match the channel
- Frequency range: 170 MHz - 270 MHz
- RF with multiple narrow-band filter to minimize interference
- Low voltage working design; battery powered handheld transmitter works even when voltage is lowered to 5V
- ALC circuitry protects microphone from high sound pressure, minimizing distortion
- Eliminates unwanted pulse noise while turning transmitter on or off
- Quartz oscillation mode to ensure ultra-stability
- Advance compander circuitry reduces noise and increases dynamic range
- Feedback eliminator greatly reduces the possibility of unwanted feedback
- Independent output and mixed output

System

Carrier Frequency	VHF 170-270 MHz
Frequency Response	80 Hz-15,000 Hz
Frequency Stability	± 0.005%
S/N Ratio	>70 dB
Total Harmonic Distortion	<0.5% (1,000 Hz)
Channel numbers	2
Operating Range	40 meters in open area

VT9 Receiver

Squelch Control	Noise Lock
Receiving Sensitivity	-85 dBm
False Image Interfere Rate	≥ 80 dB
Power Requirement	DC 12V / 200 mA external
Output Type	Separate or mixed output

VT6 Handheld & VT7 Bodypack Transmitters

Indicator	Green: battery enough; Red: battery low	
Frequency Deviation	±23 kHz	
Stability	±0.005%	
Modulation	FM	
Transmission Power	≤10 mW	
Power Requirement	9V tier battery (VT6); 2 x 1.5V AA battery (VT7)	

Optional Three Fixed Frequencies

Model / Frequency (Hz)	Frequency 1	Frequency 2
VT96AA VT97AA VT967AA	225.8 MHz	253.4 MHz
VT96BB VT97BB VT967BB	227.6 MHz	255.8 MHz
VT96CC VT97CC VT967CC	229.1 MHz	257.6 MHz

The model numbers with suffixes "-AA", "-BB" or "-CC" represent different carrier frequencies.



E10B



E12A

VT7



VT9



VT6



VT96 Handheld System includes:

- 1 VT9 Receiver
- 2 VT6 Handheld transmitters



VT97 / 12A Lavalier System includes:

- 1 VT9 Receiver
- 2 VT7 Bodypack transmitters
- 2 E12A/ 3.5 mm plug lavalier microphones



VT97 / 10B Headworn System includes:

- 1 VT9 Receiver
- 2 VT7 Bodypack transmitters
- 2 E10B/ 3.5 mm plug headworn microphones



VT967 / 12A Handheld & Lavalier System includes:

- 1 VT9 Receiver
- 1 VT6 Handheld transmitter
- 1 VT7 Bodypack transmitter
- 1 E12A/ 3.5 mm plug lavalier microphone



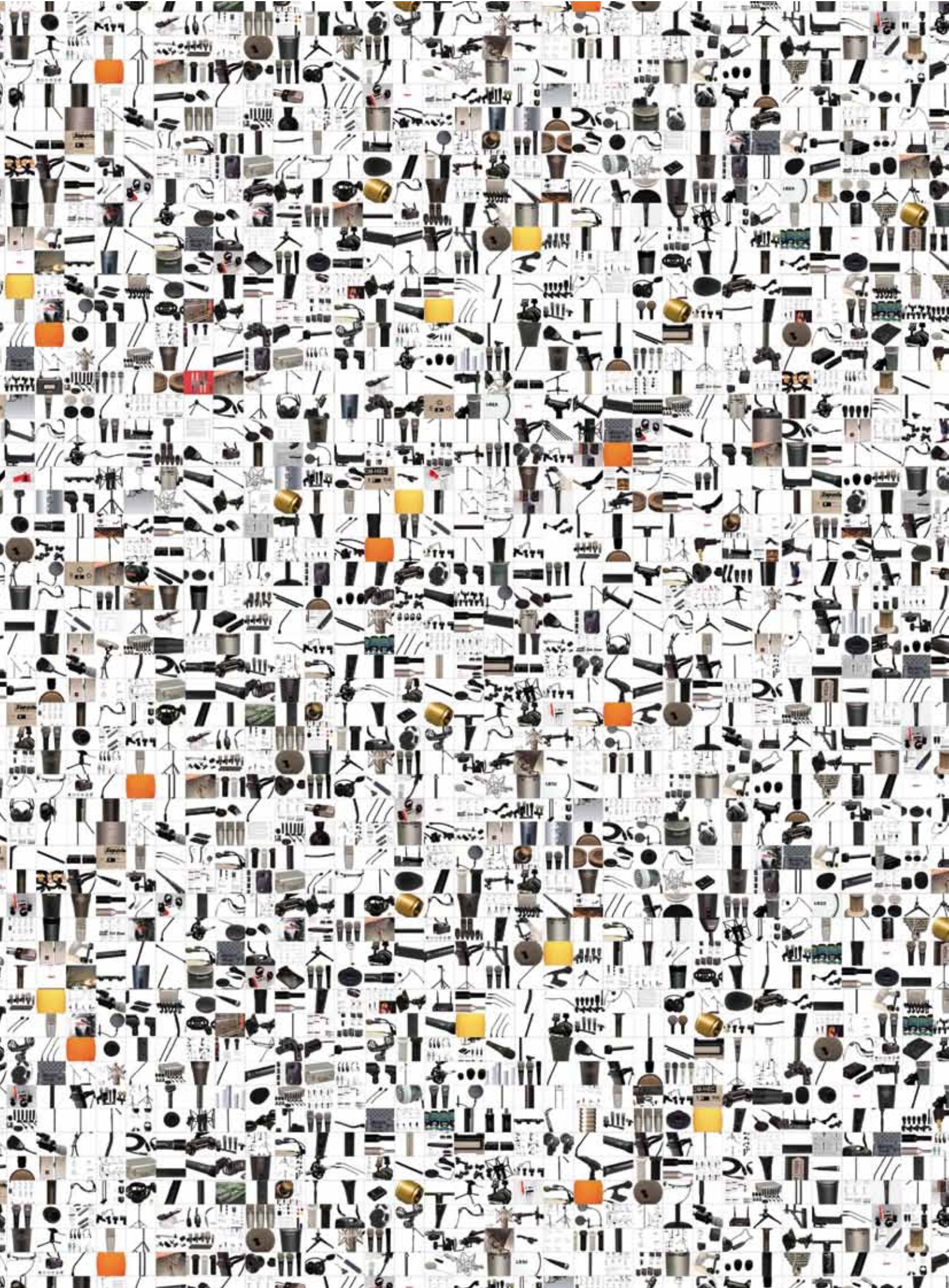
VT967 / 10B Handheld & Headworn System includes:

- 1 VT9 Receiver
- 1 VT6 Handheld transmitter
- 1 VT7 Bodypack transmitter
- 1 E10B/ 3.5 mm plug headworn microphone



VT97 / 12A+10B Lavalier & Headworn System includes:

- 1 VT9 Receiver
- 2 VT7 Bodypack transmitters
- 1 E12A/ 3.5 mm plug lavalier microphone
- 1 E10B/ 3.5 mm plug headworn microphone



Microphone Accessories

Preamplifiers, Phantom Power Supplies



PS418D

Pre-Amplifier

The condenser miniature microphones, for example, PRA383, E308, PRA30, and WU518, need phantom power to work. The PS418D is just what they need. It can be powered by phantom power or battery, and switchable low cut filter helps to reduce low band noise.

- Two options for Power Requirements: phantom or battery
- Low-cut filter switch
- Transistor output transformer circuit

Specifications

Frequency Response	25-20,000 Hz
Output Impedance	Phantom: 200 Ω Battery: 270 Ω
Min. Load Impedance	1,000 Ω
Power Requirements	Phantom: 9-52V DC, 2 mA Battery: 1.5V AA/UM3
Low Frequency Filter	80 Hz @ 12 dB / oct
Connector	TA3M (input); XLR3M (output)
Dimension (WxHxD)	63 x 84 x 22.5 mm (2.48" x 3.3" x 0.89")
Net Weight	245 g (9.9 oz)
Packaging	White box



PS418S

Pre-Amplifier

The PS418S provides a pre-amplifier to miniature microphones, such as PRA383, E308, PRA30, and WU518 that have tiny inline design minimized space requirements. The PS418S is necessarily powered by phantom supply.

- Low profile design
- Phantom power needed

Specifications

Frequency Response	25-20,000 Hz
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
Power Requirements	9-52VDC, 2 mA
Connector	TA3M (input); XLR3M (output)
Dimensions	$\varnothing 21 \times 106$ mm ($\varnothing 0.83" \times 4.18"$)
Net Weight	118 g (4.2 oz)
Packaging	White box



PS2A

Phantom Power Supply

The PS2A is a 48V dual channel phantom power supply. It widens the microphone output's dynamic range and produces more output gain. It operates with an auto power source ranging from 110V AC to 230V AC.

- The PS2A phantom power unit can be used to power 2 condenser microphones or a pair of stereo condenser microphones
- Low undulation and background noise output (lower than common mixer's phantom unit around -12 dB), it is the best for recording.
- The PS2A fits any 48V condenser microphone, it presents low noise natural true sound.

Specifications

Power Requirements	AC 110~230V (50~60 Hz)
DC Output	48 \pm 2V
Signal Separability	\geq 95 dB
Current Output	Max. 2 x 6.5 mA (short circuit)
Undulatory Voltage	\leq 0.15 mV
Power Consumption	2 W
Connector	XLR
Dimensions (W x H x D)	160x55x130 mm (6.3"x2.2"x5.1")
Net Weight	1.4 kg (3.1 lbs)
Accessories Furnished	Power cord
Packaging	White box



PS2B

Phantom Power Supply

The PS2B provides both 12V and 48V output voltage, powered by two 9V batteries or 12V DC output AC adapter (option). It is very convenient and reliable for either indoor or outdoor use.

- Powered by two 9V batteries or 12 VDC adapter (option)
- Supply power to 2 microphones simultaneously
- 3-position switch (12V / OFF / 48V): 48V for microphones with working voltage between 24V- 48V; 12V for microphones with lower voltages
- Low-noise circuit design

Specifications

Power Requirements	Two 9V (1604A) batteries or 12V DC adapter (Optional)
Connectors	Input: 2 XLR3F, Output: 2 XLR3M
Dimensions (with foot pads)	155x57x108 mm (6.1"x2.2"x4.3")
Weight (with batteries)	650 g (22.9 oz)
Accessories Furnished	2 x 9V (1604A) batteries
Packaging	Colorful outer packaging

阻抗轉換器



CP818

Impedance Converter

- XLR3F-1/4" (6.3 mm) TS
- Permits use of longer microphone cables
- Maintains high-frequency response
- Reduces noise pickup
- Convert low impedance to high or versa

Specifications

Input Impedance	250 Ω (nominal)
Output Impedance	50,000 Ω (nominal)
Frequency Response	20-20,000 Hz



CP828

Impedance Converter

- XLR3M-1/4"(6.3 mm) TS
- Permits use of long microphone cables
- Maintains high-frequency response
- Reduces noise pickup
- Simple DI suitable for electric guitar, electric bass, electric violin, keyboard and sending signal to the mixer
- Convert low impedance to high or versa

Specifications

Input Impedance	250 Ω (nominal)
Output Impedance	50,000 Ω (nominal)
Frequency Response	20-20,000 Hz



CP838

Impedance Converter

- XLR3M-1/4"(6.3 mm) TS socket
- Permits use of long microphone cables
- Maintains high-frequency response
- Reduces noise pickup
- Perfectly matched by connecting to Superlux D112 Harmony microphone (the TS connector should plug into the low impedance microphone input for better results)
- Convert low impedance to high or versa

Specifications

Input Impedance	250 Ω (nominal)
Output Impedance	50,000 Ω (nominal)
Frequency Response	20-20,000 Hz

Pop Filters



HM20

Metal Mesh Pop Filter

The HM20 Professional Pop Filter eliminates plosives and protects your microphone from saliva. Constructed from long-lasting stretched mesh steel, the metal mesh perforations direct plosive energy downward and away from the microphone capsule. It's easy to clean, and includes 12" gooseneck and 5/8" threaded screw mounting bracket. It is compatible with most mic mounts and tripod stands.

- Ø127.5 mm (Ø5") metal pop screen
- Long lasting stretched mesh steel construction
- Metal mesh perforations direct plosive energy downward about 30 dB
- Easy to clean
- 12" gooseneck and 5/8" threaded screw mounting bracket included



Microphone is not included

HM43

Metal Mesh Pop Filter

The HM43 is a high quality, professional metal pop filter for Superlux S241 studio condenser microphone. The clip can hold the S241 steadily, it is also suitable for Ø20-22 mm condenser microphones.

- The HM43 is the pop filter for Superlux S241 condenser microphone
- Metal pop filter with a Ø70 mm diameter
- It also suitable for microphones with a diameter between 20-22 mm
- Easy to clean



HM18AG

Professional Pop Filter (2 screens)

The HM18AG is a professional double layer pop filter. It includes 2 screens: metal mesh and nylon fabric. With a 5/8" threaded adapter, the HM18AG can be mounted on a microphone stand to protect the microphone from explosive pop sound. It will not affect high frequency response.

- It includes double layer metal mesh and double layer nylon fabric
- 5/8" threaded adapter
- Easy to mount on microphone stand



MA91

Large Diameter Double Layer Filter

The HM91 is a professional pop filter. It includes double layer filters with Ø185 mm. The bracket pad can protect the microphone from scratches. Its gooseneck diameter is Ø8.5 mm, filter frame Ø185 mm (Ø7.28") and net weight is 0.45 kg (0.9 lbs).

- Double layer filter
- Ø185 mm (Ø7.28") nylon pop screen
- Bracket pad protects the microphone from scratches

General Microphone Clips



HM8

Adapter

CMH8 serial large diaphragm condenser microphone adapter (M22 × 1.0), YA2 threaded adapter included

HM8: Champagne silver
HM8B: Black



HM9

Mic Clip

For Ø20-35 mm microphone
HM9A with plastic thread (5/8")
HM9B with metal thread (5/8")



HM10

Mic Clip

For Ø19-24 mm microphone
HM10A with plastic thread (5/8")
HM10S with screw knob and metal thread (5/8")



HM16

Mic Clip

For Ø23-30 mm microphone
HM16B with metal thread (5/8")
HM16S with screw knob and metal thread (5/8")



HM29

Wireless Mic Clip

For Ø29-39 mm wireless microphone
HM29B with metal thread (5/8")
HM29S with screw knob and metal thread (5/8")



HM37

Mic Clip

For Ø18-20 mm microphone
HM37B with metal thread (5/8")
HM37S with screw knob and metal thread (5/8")



HM38

Mic Clip

For Ø24-26 mm microphone
HM38B with metal thread (5/8")
HM38S with screw knob and metal thread (5/8")



HM39

Wireless Mic Clip

For Ø32-38 mm wireless microphone
HM39B with metal thread (5/8")
HM39S with screw knob and metal thread (5/8")



HM42

Mic Clip

For Ø24-32 mm microphone
HM42A with plastic thread (5/8")
HM42B with metal thread (5/8")



HM101B

Mic Clip

For Ø16-45 mm microphone, with metal thread (5/8")



YA1 (Copper)

5/8"-3/8" Threaded Adapter

YA2 (Zinc alloy)

5/8"-3/8" Threaded Adapter

YA3 (Plastic)

5/8"-3/8" Threaded Adapter

*1 in 1 pack or 10 in 1 pack

Model name code

Thread for Europe is Ø3/8",
thread for US is Ø5/8"
A Clip with plastic thread(5/8")
B Clip with metal thread(5/8")
C Camera adapter
S Clip with screw knob and metal thread (5/8")

Microphone clips

Model	Diameter
HM8	CMH8 Exclusive
HM9	20~35 mm
HM10	19~24 mm
HM16	23~30 mm
HM29	29~39 mm
HM37	18~20 mm
HM38	24~26 mm
HM39	32~38 mm
HM42	24~32 mm
HM101B	16~45 mm

Camera Microphone Mount Adapters



YA10

Camera Microphone Adapter

Adapter for camera mount microphone with hot-shoe locking screw and 5/8" metal thread



HM35C

Camera Microphone Shock Mount

Suitable for Ø15-27 mm microphones mounted onto camera.



HM40C

Camera Microphone Shock Mount

Suitable for Ø12-30 mm microphones mounted onto camera.

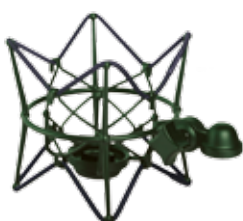
懸掛式避震夾 & 避震夾專用夾 Shock Mounts & Dual Microphone Adapters



HM57

Elastic Shock Mount

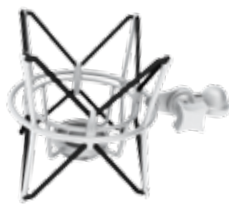
Elastic Shock mount for CMH8A/B/C/D/G, CMH8AH/BH/CH, M22x1 thread, 2 colors to choose from Champagne silver or black, YA2 threaded adapter included



HM57E

Elastic Shock Moun

Elastic shock mount for microphone with M25x1 thread, dark green color, YA2 threaded adapter included.



HM7C

Elastic Shock Mount

Elastic shock mount is suitable for large diaphragm condenser microphone, for example: CMH8A/B/C/D/G, CMH8AH/BH/CH. M22 x 1 thread, Champagne silver color, YA2 threaded adapter included



HM26

Elastic Shock Mount

Elastic shock mount, YA2 threaded adapter included. HM26A is suitable for CMH8A/B/C/D/G, CMH8AH/BH/CH. HM26B is suitable for Ø22-26 mm microphone. HM26C is suitable for HO8



HM31

Elastic Shock Mount

Shock mount is suitable for R102 & R102MKII ribbon microphone, YA2 threaded adapter included



HM30

Shock Mount

ID 20.4 mm, pipe length 40.5 mm, suitable for Ø20.8-24 mm microphones such as S502, PRO218A, PRA218B, and PRA318L



HM32

Shock Mount

Suitable for Ø20-26 mm microphone, pipe can be extended from 54-76 mm, 2 ways to install rubber band, screw knob and YA2 threaded adapter included



HM33

Shock Mount

Suitable for Ø22-24 mm microphone, 5/8"-3/8" YA2 adapter included



HM35

Shock Mount

Suitable for Ø15-27 mm microphone, 5/8"-3/8" YA2 adapter included



HM40

- a Elastic shock mount
- b Acoustic arrangement
- c Screw knob
- d Metal thread

HM40

Shock Mount

Suitable for Ø12-30 mm microphone, 5/8"-3/8" YA2 adapter included, pipe length 90 mm



HM54

Shock Mount

Suitable for Ø24-40 mm microphone, pipe can be extended from 54-74 mm, 2 ways to install rubber band, screw knob and YA2 threaded adapter included.



- a 2 ways to install rubber band, fits different diameters
- b Pipe can be extended

Mic clip

Model	Diameter or suitable microphones
HM7	CMH8 Series, except for CMH8K
HM30	PRO218A, S502
HM32	20~26 mm
HM33	22~24 mm
HM35	15~27 mm
HM40	12~30 mm
HM40C	12~30 mm
HM54	24~40 mm

Dual microphone adapters



C2

Dual Microphone Adapter

The distance between 2 microphones can be adjusted from 6-17 cm



HM15

Dual Microphone Adapter

The distance between 2 microphones is 17 cm for ORTF stereo recording mode, the diameter of 2 microphones clip adapter is 3/8", YA2 threaded adapter for mic stand included



MA90

Stereo Recording Microphone Bar

MA90 is the best tool for A/B & ORTF stereo recording
Length: 620 mm (24.4")
Net Weight: 0.64 kg (1.41 lbs)
Microphone angle detent every 15°

Drum Clamps



DMC01

Drum Clamp

Clamps to drum rim, rod sticks, built-in 3/8" thread for microphone clip



DMC02

Drum Clamp

Clamps to drum rim, rod sticks, built-in 3/8" thread for microphone clip



DMC03

Drum Clamp

Clamps to drum rim, rod sticks, built-in 3/8" thread for microphone clip



HM12A

Drum Clamp

Clamps to drum rim, rod sticks, built-in 5/8" thread for microphone clip



HM12E

Drum Clamp

Clamps to drum rim, rod sticks, built-in 5/8" thread for microphone clip



HM12F

Drum Clamp

Clamps on both ends attach to drum rim, rod sticks and microphone



HM12C

Universal Clamp

Clamps on both ends of gooseneck attach to drum rim, rod sticks and microphone

There are 3 models:

HM12C: 80 mm

HM12CA: 120 mm

HM12CB: 160 mm



HM12D

Universal Clamp

Clamps on both ends of gooseneck attach to drum rim, rod sticks and microphone, built-in 5/8" thread for microphone clip

There are 5 models:

HM12D: 80 mm

HM12DA: 120 mm

HM12DB: 160 mm

HM12DC: 200 mm

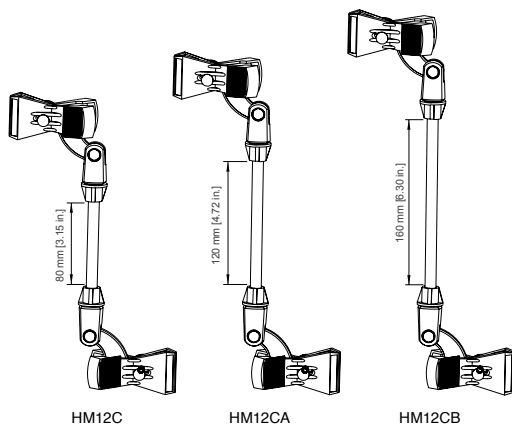
HM12DD: 300 mm



HM25

Drum Clamp

Clamps to drum rim, microphone clip attached, microphone height adjustable

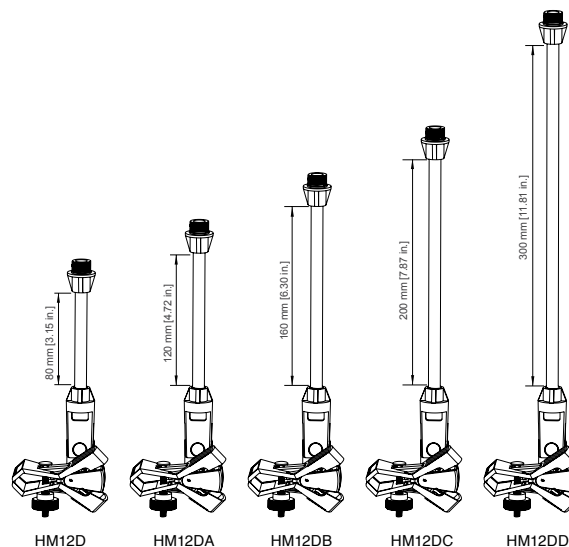


HM12C

HM12CA

HM12CB

HM12C Series



HM12D

HM12DA

HM12DB

HM12DC

HM12DD

HM12D Series



S02

Measurement Microphone Foam

Suitable for Ø7-10 mm microphone such as ECM999



S04

Gooseneck Microphone Foam

Suitable for Ø7-10 mm microphone such as PRA518



S08F

Pencil Type Microphone Foam

Suitable for Ø20 mm microphone such as CMH8K



S09

Instrument Microphone Foam

Suitable for Ø23-30 mm microphone such as E124



S09F

1/2" Diaphragm Microphone Foam

Suitable for Ø22 mm microphone such as S241



S11

Headworn Microphone Foam

Suitable for Ø10-18 mm microphone such as PRA20/30



S13F

Lavalier Microphone Foam

Suitable for Ø8 mm microphone such as WO(U)518



S25

XY Stereo Microphone Foam

Suitable for E524D



S40

Vocal Handheld Microphone Foam

Suitable for Ø46-52 mm microphone. There are 5 colors to choose from: Black, Orange, Blue, Red, Yellow



S65

Large Diaphragm Microphone Foam

Suitable for Ø50-55 mm microphone such as CMH8 series



S14

Shotgun Foam

Suitable for Ø18-21 mm microphone, for example: PRA116B, PRA118S



S15

Shotgun Foam

Suitable for Ø18-21 mm microphone, for example: PRA118L

Specifications

Model no.	Inside diameter	Depth	Diameter	Microphone diameter	Suitable microphones	Color
S02	6	25	21	7-10	ECM999	Black
S04	6	31	25	7-10	PRA518	Black
S06	10	13	18	10-15	PRA52	Black, White
S07	21	55	46	22-30	PRA318S / L E531	Black
S08F	20	19	35	20	CMH8K	Black
S09	22	52	46.5	23-30	E124	Black
S09F	22	36	46.5	22	S241	Black
S11	16	17	28	10-18	PRA20 / 30	Black
S12	8	5	11	8	WO(U)518	Black
S13	8	5	20	8	WO(U)518	Black
S14	17	260	43	18-21	PRA116B PRA118S	Black
S15	17	390	43	18-21	PRA118L	Black
S18	20	52	38	21-29	PRA528DS	Black
S19	29	30	50	30-34	PRA538	Black
S20	18	30	45	19-25	E109	Black
S21F	12.5	28	27	12.5	E322 PRA528 Series	Black, White
S22F	12.5	36	35	12.5	E322 PRA528 Series	Black, White
S23	7	25	25	8-12	E10A, E10B	Black, Grey
S25	19	38	80x55x55	20-22	E524D	Black
S27	6	25	21	7-10	E102	Black
S32	21	150	45	21.5-23	E525S	Black
S33	21	295	45	21.5-23	E525L	Black
S40	50	60	55	46-52	Hand held vocal	Black, Blue, Orange, Red, Yellow
S50	35	71	70	35-55	E522, E523	Black
S53	5.5	16	23	6-9	E12A	Black
S55F	11	17.5	23	11.5-12	E309D PRO	Black
S56	15	45	33	16	E361	Black
S58	40	65	80	40-45	PRO238MKII	Black
S65	46	90	52	50-55	CMH8 Series	Black

F indicates there is a frame inside the foam Unit: mm



FOR PROFESSIONALS
Superlux
300 OHMS CCAW COIL

Superlux

Headphones & Headsets



HD669

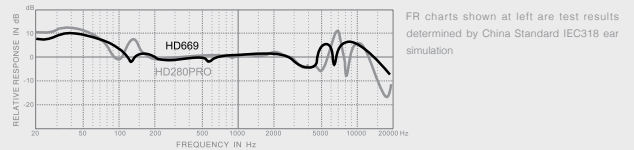
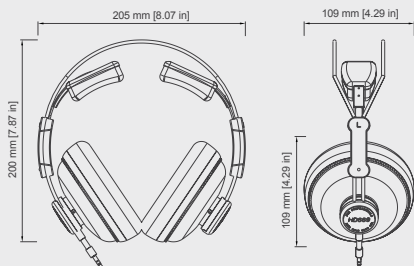
Professional Studio Standard Monitoring Headphones

Studio

The HD669 is a closed-back, circumaural headphones designed for professional monitoring applications. Although suitable for a very wide range of applications, the exceptional attenuation of external noise makes the HD669 particularly useful for use in a high noise environment. The balanced, high definition and clarity sound of the HD669 assures that a professional sound engineer can have full confidence when recording or monitoring.

Its patented sturdy headband structure provides long-lasting durability even in challenging conditions, yet its light weight and optimized mechanical pressure provides long-term wearing comfort. The HD669 comes equipped with 2 detachable straight cables: The short cable is 1-meter long for personal sound source on-the-move applications and the long cable is 3-meter long for professional monitoring applications. These cables can be connected together for even more distance if desired. Included cable clip can secure detachable cable from pulling out by incident.

- Dynamic, closed-back headphones
- High resolution drivers
- Precision tuned acoustic chamber
- Patented durable structure
- Comfortable, self-adjusting headband pads
- Comfortable, long-lasting ear pads
- Detachable, single side cable
- Optimized headband pressure
- Light weight
- Cable clip included



Both the HD669 and HD280PRO have a similar frequency curve. HD669 delivers natural and excellent balanced sound, presenting the crystal clarity and high resolution demanded by professional users.

Specifications

Type	Dynamic, closed-back
Driver	Ø50 mm, neodymium
Sensitivity	98 dB SPL (1 mW)
Frequency Response	10-30,000 Hz
Max. Input Power	200 mW
Rated Impedance	56 Ω (Copper-coated aluminum wire)
Ear Pads	Leatherette
Cables	1-meter (3.3 ft.) & 3-meter (9.8 ft.) straight, single-sided; plug-in cable on headphones (mini stereo connector)
Connector	Gold plated stereo mini plug
Headphone Caliper Pressure	Approx. 5 N
Net Weight (without cable)	235 g (8.3 oz)
Accessories Furnished	Soft carrying pouch 1-meter (3') straight cable 3-meter (9.8') straight cable 3.5 mm to 6.3 mm (1/8" to 1/4") gold-plated stereo adapter Cable clip
Optional Accessories	EPK602 ear pad kit (includes a pair of ear pads and a pair of foam disks) FD3YWS 3-meter (9.8') coiled cable HA3D headphone amplifier



HD668B

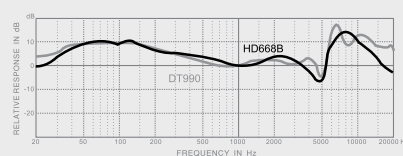
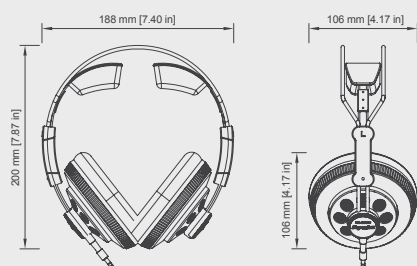
Professional Studio Standard Monitoring Headphones

Studio

The HD668B is a semi-open dynamic headphone whose sound quality meets the demands of even professional recording studios. The balanced and high definition sound of the HD668B assures that a professional sound engineer can have full confidence when mixing down or during post production. Its patented sturdy headband structure provides long-lasting durability even in challenging conditions, yet its light weight and optimized mechanical pressure provides long-term wearing comfort. The HD668B comes equipped with 2 detachable straight cables:

The short cable is 1-meter long for personal sound source on-the-move applications and the long cable is 3-meter long for professional monitoring applications. These cables can be connected together for even more distance if desired. Included cable clip can secure detachable cable from pulling out by incident.

- Dynamic, semi-open headphones
- High resolution drivers
- Precision tuned acoustic chamber
- Patented durable structure
- Comfortable, self-adjusting headband pads
- Comfortable, long-lasting ear pads
- Detachable, single side cable
- Optimized headband pressure
- Light weight
- Cable clip included



*FR charts shown at left are test results determined by China Standard IEC318 ear simulation

Both the HD668B and DT990 have a similar frequency curve. The HD668B delivers a natural and excellently balanced sound, presenting the crystal clarity and high resolution demanded by professional users.

Specifications

Type	Dynamic, semi-open
Driver	Ø50 mm, neodymium
Sensitivity	98 dB SPL (1 mW)
Frequency Response	10-30,000 Hz
Max. Input Power	300 mW
Rated Impedance	56 Ω (copper-coated aluminum wire)
Ear Pads	Leatherette
Cables	1-meter (3.3 ft.) & 3-meter (9.8 ft.) straight, single-sided; plug-in cable on headphones (mini stereo connector)
Connector	Gold plated stereo mini plug
Headphone Caliper Pressure	Approx. 3.5N
Net Weight (without cable)	222 g (7.8 oz)
Accessories Furnished	Soft carrying pouch 1-meter (3') straight cable 3-meter (9.8') straight cable 3.5 mm to 6.3 mm (1/8" to 1/4") gold-plated stereo adapter Cable clip
Optional Accessories	EPK601 ear pad kit (includes a pair of ear pads and a pair of foam disks) FD3YW/S 3-meter (9.8') coiled cable HA3D headphone amplifier



HD662F / White

HD662B / Grey



HD662 / Red

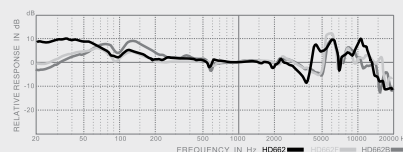
HD662 Series

Professional Monitoring Headphones

Studio / Onstage

The HD662 series offer three distinctive sound profiles, each with its own character: The HD662 features a deep and rich bass, the HD662F has a true bass response, and the HD662B has a powerful bass punch. As for the sound image presented by these headphones, the HD662 gives you the feeling of actually being on stage with the artists while the HD662F makes you feel as if you sitting on the front row and the HD662B puts you in the middle of the concert hall. These three headphones also deliver clarity, accurate and well balance sound. The ergonomically designed vinyl ear pieces combined with light weight and self-adjusting headband of these headphones make them very comfortable. Whether you are monitoring, tracking, mixing or just listening to your MP3 music, you can expect comfort and sonic accuracy from HD662 series headphones.

- Dynamic, closed-back circumaural headphones
- High noise attenuation
- Self-adjusting headband for great fit and maximum comfort
- Single sided, straight cable
- Outstanding quality and value
- Environmentally friendly packaging, great for displays and ease to store



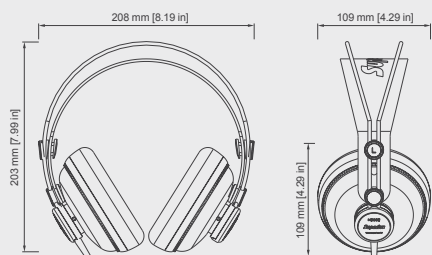
*FR charts shown at left are test results determined by China Standard IEC318 ear simulation



HD662
Deep and rich bass response
"On stage" sound feel.
Both HD662 and DT770 have a similar curve. HD662 delivers deep bass, natural and well-balanced sound.

HD662F
True bass response
"Front row" sound feel.
Both HD662F and SRH-440 have a similar curve. HD662F delivers true bass response, crystal clarity and precise sound characters.

HD662B
powerful bass punch
"In hall" sound feel
Both HD662B and SRH840 have a similar curve. HD662B delivers precisely tailored frequency response with powerful bass punch, clear midrange and extended highs.



Specifications

Type	Dynamic, closed-back
Driver	Ø50 mm, neodymium
Sensitivity	98 dB SPL (1 mW)
Frequency Response	10-30,000 Hz
Max. Input Power	HD662: 200 mW HD662B & HD662F: 300 mW
Rated Impedance	32 Ω (Copper-coated aluminum wire)
Ear Pads	Leatherette
Cable	2.5-meter (8.2 ft.) straight, single-sided
Connector	Screw-on gold plated stereo mini plug
Headphone Caliper Pressure	Approx. 5 N
Net Weight (with cable)	286 g (10.05 oz)
Accessories Furnished	Soft carrying pouch Screw-on gold-coated 3.5 mm to 6.3 mm stereo adapter
Optional Accessories	EPK602 ear pad kit (Includes a pair of ear pads and a pair of foam disks)



HD681F / White

HD681B / Grey



HD681 / Red

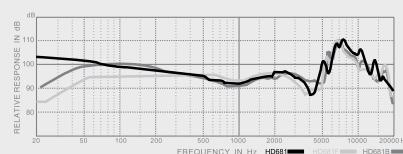
HD681 Series

Professional Monitoring Headphones

Studio

The HD681 series headphones offer 3 distinctive sound profiles, each with its own character: The HD681 features an exceptionally deep low frequency, the HD681F has a flat extended frequency response, and the HD681B has an excellent balanced character, and powerful bass punch. As for the sound image presented by these headphones, the HD681 gives you the feeling of actually being on stage with the artists while the HD681F makes you feel as if you sitting on the front row and the HD681B puts you in the middle of the concert hall, enjoying a deep, rich sound. These three headphones also deliver excellent balance and clarity. The ergonomically-designed vinyl ear pieces combined with the light weight and self-adjusting headband of these headphones make them very comfortable. Whether you're monitoring, tracking, mixing, or just listening to an MP3 or other audio source, you can expect comfort and sonic accuracy from your HD681 series headphones.

- Dynamic, semi-open circumaural earphones
- Accurate and detailed sound greatly enhances your listening experience
- Self-adjusting headband for great fit and maximum comfort
- Single sided, straight cable
- Outstanding quality and value
- Environmentally friendly packaging, great for displays and ease to store



FR charts shown at left are test results determined by China Standard IEC318 ear simulation.



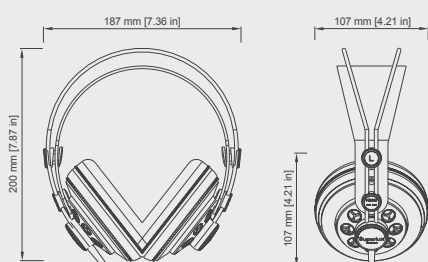
HD681
Deep low frequency "On stage" sound, perfect for enjoying the beauty of classical music & other large ensembles. Both the HD681 & HP890 have a similar curve, presenting a bright and clear sound. When playing classical music, the HD681 will surprise you with its breadth, clarity and dynamic presence.



HD681F
Flat extended frequency response "Front row" sound image, great for pop music and capturing that sweet vocal sound. Both the HD681F & AD500 have a similar curve. The HD681F delivers a sweet sound just as if the singer was standing right in front of you.



HD681B
Balanced character and powerful bass "In hall" feel, great for enjoying rock music and similar exciting performance. Both the HD681B & K240 Studio have a similar curve. The HD681B optimizes a powerful bass and balanced tone, and it will be difficult to resist the urge to dance to the rhythm from your headphones.



Specifications

Type	Dynamic, semi-open
Driver	Ø50 mm, neodymium
Sensitivity	98 dB SPL (1 mW)
Frequency Response	10-30,000 Hz
Max. Input Power	300 mW
Rated Impedance	32 Ω (copper-coated aluminum wire)
Ear Pads	Leatherette
Cable	2.5-meter (8.2 ft.) straight, single-sided
Connector	Screw-on gold plated stereo mini plug
Headphone Caliper Pressure	Approx. 3.5 N
Net Weight	276 g (9.75 oz)
Accessories Furnished	Soft carrying pouch
	Screw-on gold-coated 3.5 mm to 6.3-mm stereo adapter
Optional Accessories	EPK601 ear pad kit (Includes a pair of ear pads and a pair of foam disks)



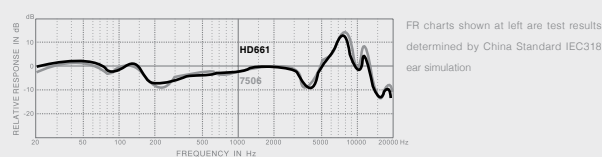
HD661^{NEW}

Professional Studio Standard Monitoring Headphones

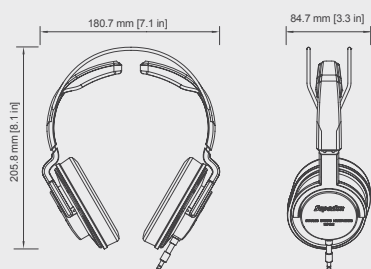
Studio / Onstage

The HD661 is a closed-back, circumaural headphone designed for professional monitoring applications in studio, on stage and in broadcast. Although suitable for a very wide range of applications, the exceptional attenuation of external noise of the HD 661 makes it particularly useful for use in a high noise environment. The balanced, high definition and clear sound of the HD661 assures that a professional sound engineer can have full confidence when recording or monitoring. Its patented sturdy headband structure provides long-lasting durability even in challenging conditions, yet its light weight and optimized mechanical pressure provides long-term wearing comfort.

- Dynamic, closed-back circumaural headphones
- High noise attenuation
- Ø40 mm high resolution drivers
- Precision tuned acoustic chamber
- Patented self-adjusting headband for great fit and maximum comfort
- Rotating ear pad construction for convenient single-ear monitoring
- Detachable, single side cable
- Light weight



Both the HD661 and MDR7506 have a similar frequency curve. The HD661 delivers a wide dynamic range and high resolution sound, presenting the crystal clear audio details demanded by professional users.



Specifications

Type	Dynamic, closed-back
Driver	Ø40 mm, neodymium
Sensitivity	102 dB SPL (1 mW)
Frequency Response	10-20,000 Hz
Max. Input Power	200 mW
Rated Impedance	68 Ω (Copper-coated aluminum wire)
Ear Pads	Leatherette
Cables	1-meter (3.3 ft.) & 3-meter (9.8 ft.) straight, single-sided; plugin cable on headphones (mini stereo connector)
Connector	Gold plated stereo mini plug
Headphone Caliper Pressure	Approx. 4.5 N
Net Weight (without cable)	190 g (6.7 oz)
Accessories Furnished	Soft carrying pouch 1-meter (3') straight cable 3-meter (9.8') straight cable 3.5 mm to 6.3 mm (1/8" to 1/4") gold-plated stereo adapter Cable clip
Optional Accessories	EPK604 ear pad kit (includes a pair of ear pads) FD3YW/S 3-meter (9.8') coiled cable HA3D headphone amplifier



HD572 Series NEW

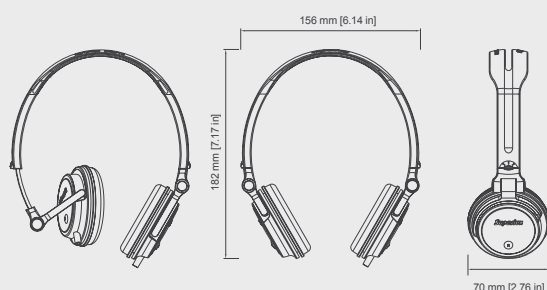
Monitor Headphones

Recording / DJ

The HD572 series is a supra-aural closed-back headphone that comes in 2 versions to suit both professionals and music lovers. The HD572 features a powerful bass punch, expressly designed to convey the power of drums, while the enhanced mid and high frequencies give high resolution and detail, working well even in noisy environments. The HD572B presents a professional monitoring feel. With its excellent balance in low, mid and high bands and comfortable wearing even in a long session, the HD572B has become a great choice for professionals and consumers alike.

The folding swing-arms allow for one-sided monitoring and will fold into a small package that takes almost no space in your bag. All these features plus a wide, comfortable, molded and detented adjustable headband, make the HD572 series ideal for studio and DJ use. The ruggedly constructed HD572 series' comfort level is as impressive as its powerful low end and accurate sonic imaging.

- Closed supra-aural, dynamic design
- 30 mm drivers
- Neodymium magnets
- Folding swing-arms allow for one-sided monitoring
- Wide, comfortable headband
- Detented adjustable headband
- High SPL capability



Great Value in a Foldable Headphone! Two sound profiles to suit your tastes

HD572

HD572 features an exceptional bass punch to emphasize the power of drums, while the enhanced mid and high frequencies give high resolution and detail.

HD572B

The HD572B presents a professional monitoring feel with its excellent balance in low, mid and high bands and it will remain comfortable even in a long session.

Specifications

Type	Dynamic, supra-aural, closed-back
Driver	Ø30 mm, neodymium
Sensitivity	99 dB SPL (1 mW)
Frequency Response	20-20,000 Hz
Max. Input Power	200 mW
Rated Impedance	24 Ω (Copper-coated aluminum wire)
THD	< 0.25% @ 1kHz / 1V
Ear Pads	Leatherette
Cables	2-meter (6.6 ft.)
Connector	Gold-plated stereo mini plug
Headphone Caliper Pressure	Approx. 3.5 N
Net Weight	130 g (4.58 oz)
Accessories Furnished	Gold-plated 3.5 mm to 6.3 mm adapter Soft carrying pouch
Optional Accessories	Ear pads



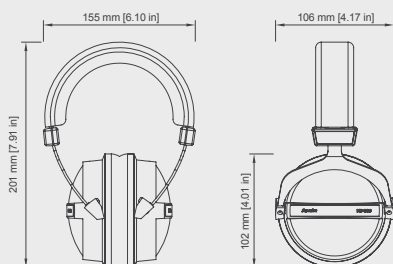
HD660

Professional Monitoring Headphones

Studio

The HD660 is a closed-back dynamic headphone for the most demanding professionals. The accurate sound profile and comfortable headband make the HD660 the perfect monitoring headphone for recording studios, post production or broadcasting applications. With a carefully tailored frequency response, the HD660 offers an excellent clarity of sound with a natural and balanced character. Soft earpads and adjustable, sliding earpieces, together with a single-sided connecting cable, ensure listening comfort during long term use. A durable plastic storage box ensures secure protection during transportation.

- Dynamic, closed-back headphones
- Natural and well-balanced sound profile
- Ultra-detailed high and mid-range reproduction
- High noise attenuation
- Durable headband construction with optimized pressure
- Single sided cable



Specifications

Type	Dynamic, closed-back
Driver	Ø40 mm, neodymium
Sensitivity	96 dB SPL (1 mW)
Frequency Response	10-30,000 Hz
Max. Input Power	100 mW
Rated Impedance	150 Ω
Ear Pads	Leatherette
Cable	3-meter (9.8 ft.) coiled, single-sided cable
Connector	Screw-on gold plated stereo mini plug
Headphone Caliper Pressure	Approx. 6 N
Net Weight (with cable)	250 g (8.8 oz)
Accessories Furnished	3.5 mm to 6.3 mm (1/8" to 1/4") gold-plated stereo screw-on adapter A7 plastic carrying case
Optional Accessories	EPK603 ear pad kit (includes a pair of ear pads and a pair of foam disks)



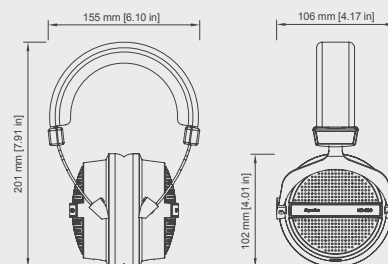
HD330

Audiophile Headphones

Monitoring / Music Appreciation

The HD330 is a semi-open dynamic audiophile headphone suitable for most kinds of music. The accurate sound profile and comfortable headband make the HD330 the perfect headphone for both the music enthusiast and the professional recording engineer. With a carefully tailored frequency response and enhanced bass, the HD330 offers a bass punch and excellent clarity of sound with a natural and balanced character. Soft earpads and adjustable, sliding earpieces, together with a single-sided connecting cable, ensure listening comfort during long-term use. A sturdy plastic storage box ensures secure protection during transportation.

- Dynamic, semi-open headphones
- Enhanced bass
- Natural and well-balanced sound profile
- Ultra-detailed high and mid-range reproduction
- Durable headband construction with optimized pressure
- Single sided cable



Specifications

Type	Dynamic, semi-open
Driver	Ø40 mm, neodymium
Sensitivity	96 dB SPL (1 mW)
Frequency Response	10-30,000 Hz
Max. Input Power	100 mW
Rated Impedance	150 Ω
Ear Pads	Leatherette
Cable	3-meter (9.8 ft.) coiled, single-sided cable
Connector	Screw-on gold plated stereo mini plug
Headphone Caliper Pressure	Approx. 6 N
Net Weight (with cable)	300 g (10.58 oz)
Accessories Furnished	3.5 mm to 6.3 mm (1/8" to 1/4") gold-plated stereo screw-on adapter A7 plastic carrying case
Optional Accessories	EPK603 ear pad kit (includes a pair of ear pads and a pair of foam disks)



HD631 Series NEW

DJ Headphones

DJ / Professional Monitoring

The HD631 series is a high sound quality headphone developed specifically for professional DJs, designed to clearly emphasize the beat of the music as well as capturing its more subtle nuances. With its 51 mm (2") extra-large diaphragms and high-energy Neodymium magnets, the HD631 series presents an excellent, balanced sound profile while giving an extra punch to the low end frequencies. Even the most critical professional DJ will find the HD631 series ideal for delivering the exact sound performance they need to do their job. The HD631 series headphones offer two distinctive sound profiles, each with its own character:

The HD631 features an exceptionally rich low-mid response, ideal for delivering a powerful musical beat. The HD631B has excellent balance in treble, middle and low frequencies while also giving a powerful bass punch. Both headphones deliver exceptional clarity and musical detail. With its high ambient noise isolation ear pad design, the HD631 series headphones can easily help you to cue up the next song even in a noisy environment. The swivel mechanism of the ear cups can turn 180 degrees for more convenient single-ear, on-shoulder, and various other monitoring styles. Comfortable caliper pressure and an ingenious auto-adjustable headband construction will ensure a perfect fit over the shape of the head, maintaining comfort even in long sessions. The HD631 series comes equipped with a detachable 3m (9.8ft.) coiled cable for use with your personal sound source or for professional monitoring applications.

The HD631 series is a truly great value and should be your first choice in a DJ headphone.

- Powerful bass and clear mid-to-high sound ranges capture subtle nuances of the music
- 51mm (2") large diaphragm offers high efficiency and wide dynamic range
- Patented auto-adjustable headband construction offers a truly comfortable fit
- Rotating ear pad construction for convenient single-ear monitoring
- Detachable 3m (9.8 ft.) coiled cable, Included cable clip secures the detachable cable from pulling out by accident

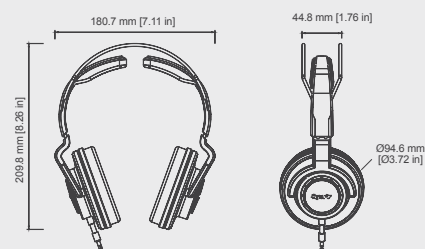
Two sound profiles to suit your taste

HD631

Exceptionally rich low-mid response gives a powerful rhythm presence

HD631B

Excellent balance in treble, middle and low frequency provides an accurate sound with a powerful bass punch



Specifications

Type	Dynamic, closed-back
Driver	Ø51 mm, neodymium
Sensitivity	101 dB SPL (1 mW)
Frequency Response	20-20,000 Hz
Max. Input Power	3,000 mW
Rated Impedance	40 Ω (Copper-coated aluminum wire)
THD	<0.25% @ 1 kHz / 1V
Ear Pads	Leatherette
Cable	3-meter (9.8 ft.) coiled, single-sided; plug-in cable on headphones (mini stereo connector)
Connector	Gold plated stereo mini plug
Headphone Caliper Pressure	Approx. 5 N
Net Weight (without cable)	300 g (10.6 oz)
Accessories Furnished	Soft carrying pouch
	3-meter (9.8 ft.) coiled cable
	3.5 mm to 6.3 mm (1/8" to 1/4") gold-plated stereo adapter
	Cable clip
Optional Accessories	Ear pads



HD651 NEW

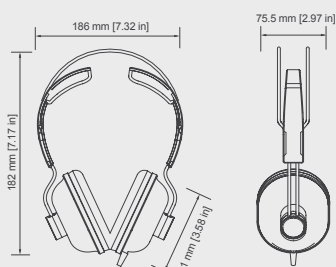
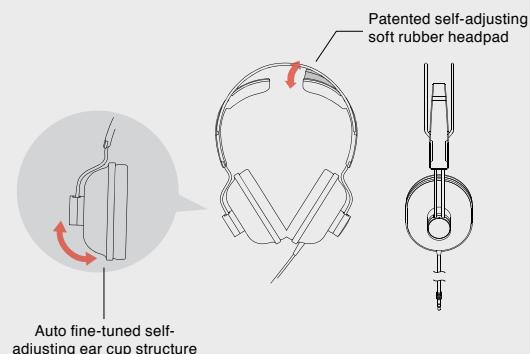
Circumaural Closed-Back Headphones

MP3 / Entertainment

HD651 presents accurate and rich bass, and excellent vocal sound. These closed-back headphones combine excellent sound with optimum price/performance and it is the best practical choice for a music lover and artist. The patent self-adjusting headpad construction, soft, circumaural leatherette ear pads, and low weight ensure a perfect fit. Powerful 40 mm (1.6 in.) speakers provide a superbly natural, uncolored sound. When you are listening to an MP3, you can expect comfort and sonic accuracy from your HD651 headphones. HD651 comes multicolor options and allow you to pick up one of your favorite color following your feel.

- Dynamic, closed-back design
- Accurate and rich bass, and excellent vocal sound
- 40 mm speaker driver
- High-energy neodymium magnet
- Excellent price/performance
- Multicolor available
- Patented self-adjusting soft rubber headpad construction

HD651 comes multicolor options: purple, red, black, grey, white, yellow, green, and more.



Specifications

Type	Dynamic, closed-back
Driver	Ø40 mm, neodymium
Sensitivity	98 dB SPL (1 mW)
Frequency Response	20-20,000 Hz
Max. Input Power	200 mW
Rated Impedance	32 Ω
THD	< 0.25% @ 1 kHz / 1V
Ear Pads	Leatherette
Cable	2-meter (6.6 ft.)
Connector	Stereo mini plug
Headphone Caliper Pressure	Approx. 4.5 N
Net Weight	185 g (6.5 oz)
Accessories Furnished	Soft carrying pouch



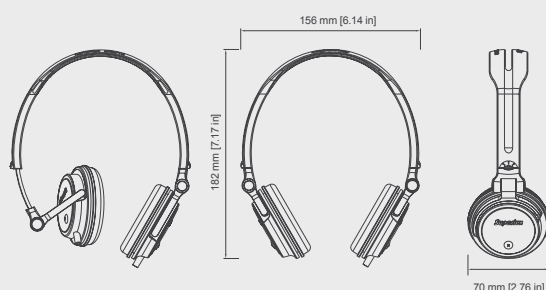
HD572A NEW

Lightweight Collapsible Headphones

MP3 / Entertainment

The HD572A is a supra-aural open headphone with flat ear pads, offering extremely comfortable wearing. Open headphones sound more 'natural' than closed models, but cannot avoid both sound leaking out from the headphones, and sound leaking in. A white body along with 5 color ear pads included makes the HD572A a perfect headphone to suit your own on-the-go style. Featuring high sound pressure level tolerance and a foldable earpads for compact storage, the HD572A is ideally suited for use with portable sound devices such as MP3 players or smartphones. Its solid powerful bass and bright mid- high frequency band makes it perfect for pop and rock music, outperforming regular mini headphones.

- Comfortable supra-aural open design
- Delivers amazing sound
- Solid powerful bass and bright mid-high frequency band
- Foldable style for easy transport
- Lightweight and comfortable for music-on-the-move
- All-purpose headphones for serious listening with home entertainment systems , portable players and multimedia devices
- Multiple colors available



Specifications

Type	Dynamic, supra-aura, open
Driver	Ø30 mm, neodymium
Sensitivity	102 dB SPL (1 mW)
Frequency Response	20-20,000 Hz
Max. Input Power	200 mW
Rated Impedance	24 Ω (Copper-coated aluminum wire)
THD	< 0.25% @ 1kHz / 1V
Ear Pads	sponge
Cables	1.2-meter (3.94 ft.)
Connector	Gold-plated stereo mini plug
Net Weight	121 g (4.3 oz)
Accessories Furnished	Soft carrying pouch



HD551 / Red

HD551B / Black



HD551F / White

HD551 Series NEW

Music Appreciation Headphones

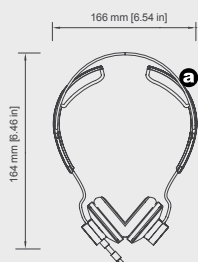
MP3 / Portable Player / Music Cell Phone

The HD551 series is a supra-aural closed-back headphone that comes in 3 versions to suit the musical preferences of all music lovers. Featuring highly efficient drivers, excellent sensitivity and an ability to handle up to 102 dB SPL, it will accurately present your music with little or no interference from ambient noises in the environment.

The HD551 series headphones offer 3 distinctive sound profiles, each with its own character: The HD551 features an exceptionally deep low frequency, the HD551F presents a flat extended frequency response, and the HD551B has an excellent balanced character with a powerful bass punch. As for the sound image presented by these headphones, the HD551 gives you the feeling of actually being on stage with the artists while the HD551F makes you feel as if you sitting on the front row and the HD551B puts you in the middle of the concert hall, enjoying a deep, rich sound. These three headphones also deliver excellent balance and clarity.

The patented ergonomically-designed headbands and ear pieces, combined with their light weight, make them very comfortable. The supra-aural earpads are made with a green macromolecular soft rubber, featuring a self-adjusting closed air chamber automatically adjusted by the caliper pressure to ensure consistent sound quality and no sound leakage. The soft rubber earpads do not have a cushion inside, but instead use the air to be the damping material. Also, the custom design of the self-adjusting headband and headpads make the HD551 Series have a very comfortable fit and a stylish look. Whether you're listening to an MP3 or other audio source, you can expect comfort and beautiful sound from your HD551 series headphones.

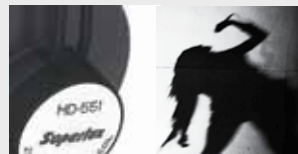
- Beautifully transparent and detailed sound profile
- High efficiency drivers and wide dynamic range
- Detachable 1-meter (3.3') and 3-meter (9.8') cables included, single-sided
- Included cable clip to prevent pulling out the headphone cable by accident



- a** Patented self-adjusting headpads to provide the ultimate comfortable fit
- b** Patented supra-aural soft rubber earpads featuring a self-adjustable air chamber automatically adjusted by caliper pressure.



HD551 Deep low frequency
"On stage" sound, perfect for enjoying the beauty of classical music & other large ensembles. HD551 presents a bright and clear sound and will surprise you with its breadth, clarity and dynamic presence.



HD551F Flat extended frequency response
"Front row" sound image, great for pop music and capturing that perfect vocal sound. The HD551F delivers a sweet sound, just as if the singer was standing right in front of you.



HD551B Powerful Bass Presence
"In hall" feel, great for enjoying rock music and similar exciting performances. The HD551B optimizes a powerful bass and balanced tone, and it will be difficult to resist the urge to dance to the rhythm from your headphones.

Specifications

Type	Dynamic, supra-aural, closed-back
Driver	Ø37 mm, neodymium
Sensitivity	102 dB SPL (1 mW)
Frequency Response	20-20,000Hz
Max. Input Power	200 mW
Rated Impedance	32 Ω (Copper-coated aluminum wire)
THD	< 0.25% @ 1 kHz/1V
Ear Pads	Green macromolecule soft rubber
Cable	1-meter (3.3 ft.) & 3-meter (9.8 ft.) straight, single-sided; plug-in cable on headphones
Connector	Gold plated stereo mini plug
Headphone Caliper Pressure	Approx. 3.5 N
Net Weight (without cable)	90 g (3.17 oz)
Accessories Furnished	Soft carrying pouch 1-meter (3.3 ft.) straight cable 3-meter (9.8 ft.) straight cable 3.5 mm to 6.3 mm (1/8" to 1/4") gold-plated stereo adapter Cable clip
Replacement Parts	Soft rubber earpad Soft rubber headpad



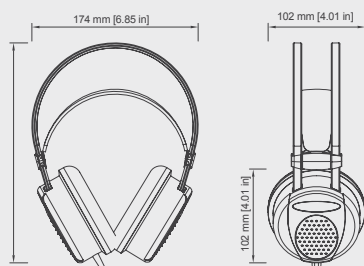
HD440

Booming Bass Headphones

Entertainment & Computer Gaming

The HD440 features a booming bass and crystal-clear high frequency. It's great for most kinds of music and exceptional for computer gaming. The included self-adjusting headband and optimized headband pressure offer a truly comfortable fit for long-term use.

- Dynamic, closed-back headphones
- Booming bass headphones
- Great for most kinds of music
- Self-adjusting headband for optimum fit
- High noise attenuation for optimum ambient-noise control
- Single side cable



Specifications

Type	Dynamic, closed-back
Driver	Ø40 mm, neodymium
Sensitivity	96 dB SPL (1 mW)
Frequency Response	20-20,000 Hz
Max. Input Power	100 mW
Rated Impedance	150 Ω
Ear Pads	Leatherette
Cable	2.5-meter (8.2 ft.) straight, single-sided cable
Connector	Screw-on gold plated stereo mini plug
Headphone Caliper Pressure	Approx. 4 N
Net Weight	300 g (10.6 oz)
Accessories Furnished	3.5 mm to 6.3 mm (1/8" to 1/4") gold-plated stereo screw-on adapter Soft carrying pouch
Optional Accessories	Ear pad kit (includes a pair of ear pads and a pair of foam disks)



HD386 Series NEW

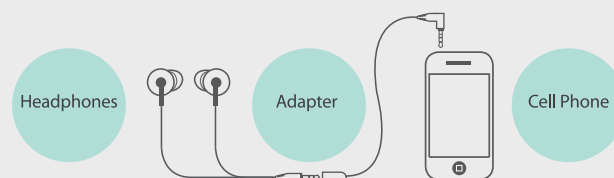
In-Ear Headphones

MP3 / Portable Player / Music Cell Phone

The HD386 headphone features a crystal-clear and balanced sound profile that presents the detailed character and richness of each instrument. Great for most kinds of music, the HD386 is ideal for capturing those sweet vocal sounds. As for the sound image presented by the HD386, it gives you the feeling of actually being there, as if you were sitting on the front row in a concert hall.

The HD386 has a comfortable, personalized fit with superior noise isolation to ensure your complete enjoyment of the music. Six color options are available to allow you to pick up one in your favorite color and a sturdy carrying case is included for safely storing your HD386.

- Powerful Neodymium magnet for superior sound
- 13.5mm driver for wide and flat frequency response and studio quality sound
- Three sizes of ear adapters for a truly comfortable fit
- Convenient hard carrying case



Optional Accessories

E901P / 3.5

E901P / 2.5

Music Phone Adapter

This accessory adds a concealed microphone to your Superlux earphones for music cell phones, and the microphone is tuned to enhance intelligibility with a boost from 2 kHz to 5 kHz to enable clear conversations even in noisy environments. The control button for sending/ending calls allows you to switch easily between music and calls. There are 2 plug sizes, 2.5 mm and 3.5 mm to match your music cell phone.

E901P / 3.5: 3.5 mm 4-pin plug, 90 cm long, compatible with Apple iPhone and Blackberry Curve

E901P / 2.5: 2.5 mm 4-pin plug, 90 cm long, compatible with mobile phones with 4-pin, 2.5 mm headset jack

Specifications

Type	Dynamic, in-ear
Driver	Ø13.5 mm, neodymium
Sensitivity	103 dB SPL (1 mW)
Frequency Response	20-20,000 Hz
Max. Input Power	50 mW
Rated Impedance	16 Ω (Copper-coated aluminum wire)
Cables	1.2-meter (3.9 ft.)
Connector	Gold plated stereo mini plug
Net Weight	16 g (0.56 oz)
Accessories Furnished	Convenient carrying box
	Ear adapter, black, large, 1 pair
	Ear adapter, grey, medium, 1 pair
	Ear adapter, white, small, 1 pair, already put on headphones



HD381F / White

HD381B / Grey



HD381 / Black

HD381 Series

In-Ear Headphones

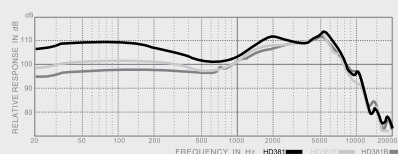
MP3 / Portable Player / In-Ear Monitor

The HD381 series headphones feature a comfortable, personalized fit with superior noise isolation and offer 3 distinctive sound profiles, each with its own character: The HD381 features a rich bass and boosted low end; the HD381F has a flat extended frequency response suitable for most kinds of music and delivers a sweet vocal sound; the HD381B has a crystal-clear sound quality that faithfully reproduces every detail, while also providing a deep and tight bass. As for the sound image represented by these headphones, the HD381 gives you the feeling of actually being on stage with the artists while the HD381F makes you feel as if you sitting on the front row and the HD381B puts you in the middle of the concert hall, enjoying a detailed, rich sound. The comfortable ear adapters come in large, medium, and small sizes to fit your ears perfectly. The patented multi-functional cable wrapper / clip wraps the earphone cable neatly or can be clipped on clothes or necktie for added convenience. The HD381 series' high quality reproduction of the natural sound is ideally suited for personal entertainment and the HD381B also can be used for professional in-ear monitoring.

- Dynamic, in-ear headphones
- Comfortable and personalized fit
- Natural, balanced sound
- High efficiency and wide dynamic range
- Patented dual function cable wrapper / clip included
- Included items: 0.6-meter (2 ft.) extension cable, 1 pair of large ear adapters and 1 pair of medium ear adapters



Patented multi-function cable wrapped clip



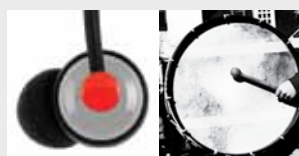
*FR charts shown at left are test results determined by China Standard IEC318 ear simulation



HD381
Rich bass and powerful low end, "On stage" sound, perfect for enjoying that booming bass sound. Both the HD381 & CX400 have a similar curve, presenting a pronounced bass presence. The HD381 will surprise you with its powerful low end performance.



HD381F
Flat frequency response, "Front row" sound image, great for most kinds of music and capturing those sweet vocal sounds. Both the HD381F & MDREX90LP have a similar curve. The HD381F features a flat response, suitable for most kinds of music, and delivers a sweet vocal sound, as if the singer was standing right in front of you.



HD381B
Crystal clear sound, deep and tight bass, "In hall" feel, great for professional in-ear monitoring applications. Both the HD381B & MA850G/ A have a similar curve. The HD381B reproduces sound with a crystal clarity and a deep and tight bass. It's the best choice for personal entertainment as well as professional in-ear monitoring.

Specifications

Type	Dynamic, in-ear
Driver	Ø13.5 mm, neodymium
Sensitivity	103 dB SPL (1 mW)
Frequency Response	20-20,000 Hz
Max. Input Power	50 mW
Rated Impedance	16 Ω (copper-coated aluminum wire)
Cables	0.6-meter (2 ft.)
Connector	Gold plated stereo mini plug
Net Weight (without cable)	12 g (0.42 oz)
Accessories Furnished	Cable wrapper
	0.6-meter (2 ft.) extension cable
	Ear adapter, black, large, 1pair
	Ear adapter, grey, medium, 1pair
	Ear adapter, white, small, 1 pair, already put on headphone



HD251V ^{NEW}

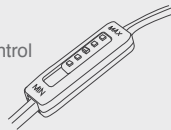
Stereo Hi-Fi Earphones

MP3 / Portable Player / Music Cell Phone

The HD251 has an integrated volume control on the cable allowing you to adjust the level without taking out your music player. With its ergonomic shape design, the HD251V is optimized for MP3, CD, music phones, and portable media players. Its dynamic speaker system has powerful neodymium magnets for a clear, transparent, and powerful bass audio reproduction. Put on the HD251V and enjoy your music while you are working, walking, or relaxing at home. The low profile design of the HD251V means it easily fits in your pocket or handbag and travels with you.

- Integrated volume control
- Optimized for MP3, CD, music phones, and portable media players
- Strong bass reproduction, stereo sound
- Outstanding wearing and handling comfort on the go
- Convenient carrying case for handling and storage
- Multicolor options

Volume control



Specifications

Type	Dynamic, in-ear
Driver	Ø13.5 mm, neodymium
Sensitivity	110 dB SPL (1 mW)
Frequency Response	20-20,000 Hz
Max. Input Power	50 mW
Rated Impedance	16 Ω (copper-coated aluminum wire)
Cables	1.2-meter (3.94 ft.)
Connector	Stereo mini plug
Net Weight	16 g (0.56 oz)
Accessories Furnished	1 pair of ear pads Convenient carrying case



HD391NC ^{NEW}

Noise-Cancelling In-Ear Headphones

High Noise Environments / Music Appreciation

The HD391NC in-ear headphones are the answer to being able to hear in a noisy environment. It utilizes a noise-cancelling technology which can greatly reduce unwanted background noise while still offering a clear, rich sound. The HD391NC has a built-in miniature microphone in each earpiece that picks up ambient noises and feeds that signal to a processor which will produce a noise-cancelling signal that is designed to specifically counteract the frequencies of the ambient noise. This effectively eliminates almost all of the unwanted background noise without affecting the music you prefer to hear. Consequently, a quiet and peaceful environment is created by the HD391NC for you to enjoy your music or other audio input.

- Advanced circuitry design reduces up to 90% of unwanted ambient sound
- Compact in-ear design is ideal for travel
- Delivering an exceptionally clear, rich audio signal even when in noise-cancelling mode
- Ideal for use with all audio sources, including MP3 & other portable players
- Monitor switch deactivates noise cancellation feature so you can listen outside when you need to
- Audio functions (in passive mode) even without a battery
- Sleek control box offers on/off and monitor switches and a clothing clip
- Two-pin airline adapter connects to in-flight entertainment
- Powered by a single AAA battery for noise-cancelling electronics

Specifications

Type	Noise-cancelling, dynamic, in-ear
Driver	Ø13.5 mm, neodymium
Sensitivity	103 dB SPL (1 mW)
Frequency Response	20-20,000 Hz
Max. Input Power	50 mW
Rated Impedance	16 Ω (copper-coated aluminum wire)
Noise Reduction	Up to 20 dB
Battery	1.5V AAA alkaline
Battery Life	Up to 50 hours, typical (alkaline)
Cables	1.2-meter (3.9 ft.)
Connector	Gold plated stereo mini plug
Net Weight	42 g (1.5 oz) with battery
Accessories Furnished	Soft carrying pouch AAA battery Airline adapter Ear adapter, black, large, 1 pair Ear adapter, gray, medium, 1 pair Ear adapter, white, small, 1 pair, already installed on headphone



HMC651 NEW
Multi-Media Headset

Computer Gaming / Network Meeting

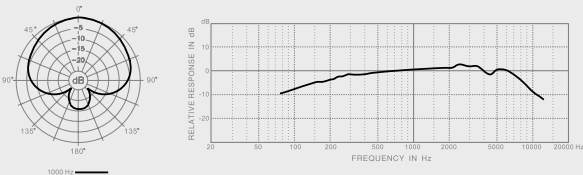
The HMC651 combines both the HD651 stereo headphones and a high quality condenser microphone, which will ensure the capture of clear vocals. The patented self-adjusting headpad construction, automatically self-adjusting ear cup structure, soft, circumaural leatherette ear pads, and low weight ensure a perfect fit. Available multiple color options makes the HMC651 a perfect choice for computer gaming and internet chatting.

- Adjustable swing arm for microphone allows it to move upward against the headband out of the way when not needed
- Dynamic, closed-back headphones with single-sided cable
- Headphones featuring accurate and rich bass, and excellent vocal sound presentation
- Patented self-adjusting soft rubber headpad construction
- Highly reliable condenser microphone reproduces a clear vocal sound
- For internet chatting and computer gaming

HMC651 comes in multiple color options: purple, red, black, grey, white, yellow, green, and more.

Specifications

Headphone Type	Dynamic, closed-back
Sensitivity	98 dB SPL (1 mW)
Frequency Response	20-20,000 Hz
Max. Input Power	200 mW
Rated Impedance	32 Ω
Headphone Caliper Pressure	Approx 4.5 N
Microphone Type	Back electret condenser
Polar Pattern	Supercardioid
Frequency Response	50-15,000 Hz
Sensitivity	-40 dBV/Pa (10.0 mV)
Max. SPL	130 dB SPL (THD≤ 1% 1 kHz)
Equivalent Output Noise	26 dB (IEC/DIN 651)
Rated Impedance	200 Ω
Dynamic Range	104 dB
Power Requirements	1.5 - 5V DC
Current Consumption	3 mA
Accessories Furnished	Soft carrying pouch, windscreen





HMC660

Professional Headset with Incorporated Condenser Mic

Studio / Broadcast

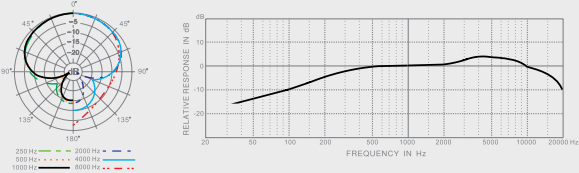
The HMC660 series of stereo headsets are designed for the professionals that demand high quality monitoring and communication. Their precision acoustic design, integrating drivers, ear padding, and headband, combined with a professional condenser microphone for a balanced tone with high dynamic range make these headsets perfect for both listening and talking. They are ideal for live broadcasts, DJ's, desktop video conferences, on-line gaming and multimedia applications.

- Closed-back earphones for optimum ambient-noise attenuation
- Excellent details and clear midrange and extended highs
- Professional headset derived from the HD660 studio headphone
- Closed-back headphones for optimum ambient-noise attenuation
- Integrated professional condenser microphone PRA30 with supercardioid polar pattern gives high gain before feedback
- Reliable and easy-to-fix mesh windscreen to reduce POP noises

HMC660	3-meter (9.8') coil spring cord, open end
HMC660X	3-meter (9.8') coil spring cord, screw-on 3.5 mm (1/8") stereo headphone plug with a 3.5 mm (1/8") to 6.3 mm (1/4") adapter and an XLR mic plug.
HMC660E	3-meter (9.8') coil spring cord, screw-on 3.5 mm (1/8") stereo headphone plug with a 3.5 mm (1/8") to 6.3 mm (1/4") adapter and a 3.5 mm (1/8") stereo mic plug wired as mono

Specifications

Headphone Type	Dynamic, closed-back
Sensitivity	96 dB SPL (1 mW)
Frequency Response	10-30,000 Hz
Max. Input Power	100 mW
Rated Impedance	150 Ω
Headphone Caliper Pressure	Approx. 6 N
Microphone Type	Back electret condenser
Polar Pattern	Supercardioid
Frequency Response	50-15,000 Hz
Sensitivity	-40 dBV/Pa (10 mV)
Max. SPL	136 dB SPL (THD ≤ 1% 1 kHz)
Equivalent Output Noise (A-weighted)	24 dB (IEC/DIN 651)
Rated Impedance	200 Ω
Dynamic Range	112 dB
Power Requirements	9 to 52V DC phantom power
Current Consumption	3 mA
Accessories Furnished	S11 windscreen A7 plastic carrying case



HMD660

Professional Headset with Incorporated Dynamic Mic

Studio / Broadcast

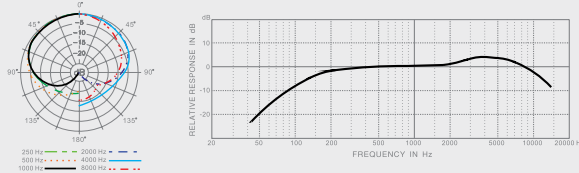
The HMD660 series of stereo headset are designed for the professionals that demand high quality monitoring and communication. Their precision acoustic design integrating drivers, ear padding, and headband combined with a professional dynamic microphone for a balanced tone with high dynamic range make these headsets perfect for both listening and talking. They are ideal for live broadcasts, DJ's, desktop video conferences, on-line gaming and multimedia applications.

- Dynamic, closed-back headphones
- Excellent details and clear midrange and extended highs
- Professional headset derived from the HD660 studio headphone
- Closed-back headphones for optimum ambient-noise attenuation
- Integrated professional dynamic microphone PRA20 with cardioid polar pattern gives high gain before feedback.
- Reliable and easy-to-fix mesh windscreen to reduce POP noises

HMD660	3-meter (9.8') coil spring cord, open end
HMD660X	3-meter (9.8') coil spring cord, screw-on 3.5 mm (1/8") stereo headphone plug with a 3.5 mm (1/8") to 6.3 mm (1/4") adapter and an XLR mic plug
HMD660E	3-meter (9.8') coil spring cord, screw-on 3.5 mm (1/8") stereo headphone plug with a 3.5 mm (1/8") to 6.3 mm (1/4") adapter and a 3.5 mm (1/8") stereo mic plug wired as mono

Specifications

Headphone Type	Dynamic, closed-back
Sensitivity	96 dB SPL (1 mW)
Frequency Response	10-30,000 Hz
Max. Input Power	100 mW
Rated Impedance	150 Ω
Headphone Caliper Pressure	Approx. 6 N
Microphone Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	150-10,000 Hz
Sensitivity	-60 dBV/Pa (1 mV)
Max. SPL	136 dB SPL (THD ≤ 1% 1 kHz)
Rated Impedance	250 Ω
Accessories Furnished	S11 windscreen A7 plastic carrying case





A/HD381 B/HD681 C/HD662

Headphone Demo Station

A/HD381
Battery powered / AC powered
HD381, HD381B & HD381F
included

B/HD681
Battery powered / AC powered
HD681, HD681B & HD681F
included

C/HD662
Battery powered / AC powered
HD662, HD662B & HD662F
included

Demo Station / Multi-Functional Display

Superlux is now offering you a unique platform for headphone demonstrations and displays. It is a sales kit which allows customers to test and compare various models of headphones. One kit can accommodate up to three headphones simultaneously. Powered by two AA batteries or AC power, it is easy to use and easy to move anywhere you want to exhibit your products.

- A sales kit for testing and comparison
- Battery powered or AC powered
- Port for iPod Nano for music demos
- HA3D headphones amp included (Mic pre-amp is an option)
- Built-in external audio source input jack
- Built-in extra headphone output jack , making it easy to bring your own headphones for comparison
- Can be hung on a wall with thief- and pulling-proof or placed on a table and even fixed in place with screws if desired

-

Portable PA Systems & Speakers

SP Series

Portable PA Systems

Travel Musician / Busker / Guitarists / Public / Speakers / Vocalists / Performers

The SP Series compact design allows for ease of transportation, while its user-friendly controls offer ease of operation, making it the perfect choice for schools, churches, civic organizations and small musical groups. The SP Series features dual two-way speakers driven by a powered mixer with a class-D power amp, making it ideal for both vocal and musical applications. The convenient accessory compartment storage for cables and additional microphones. This clever design allows the powered mixer to be installed in the speaker compartment or detached for easy positioning and access. The SP Series is a high-performance live-sound system that will deliver your music or message where you go, indoor or out.

- Less weight, and easy to carry, transport and setup.
- Powered mixer with class D power amp, 2-band channel EQ, reverb, and mic stand mountable.
- Built-in limiter to prevent overload and damage to amp and speakers
- XLR3F, 1/4" (6.3 mm) and RCA jacks for versatile inputs
- Powered mixer can be used either while installed in the speaker compartment or detached for easy positioning and access.
- Storage compartment in the speaker cabinet for packing the included cables, and your microphones.
- Speakers can be used as mains or floor monitor.

System Includes

- 2 speakers: SP108 with 8" 2-way; SP110 with 10" 2-way
- 1 Powered Mixer
- 2 speaker cables, 4.5-meter
- 1 power cord



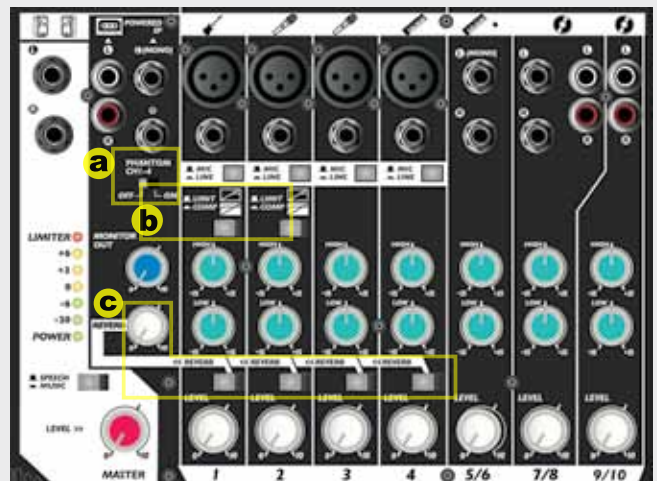
SP108

Ⓐ MUSIC/SPEECH switch:

Ensures the sound system will have the ultimate vocal clarity in speech applications.

Ⓑ Reverb Processor:

Adds reverberation to your mics and instruments on 4 mic/line channels.



SP110

Ⓐ Phantom Power:

Provides 15V DC phantom power for condenser mics on 4 mic channels.

Ⓑ LIMIT/COMP switches:

Provides limiting or compression to mic/line channels 1 and 2 for dynamic control

Ⓒ DIGITAL REVERB:

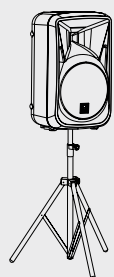
Adds high quality digital reverb, giving additional ambience to your sound source



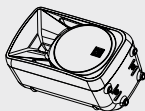
SP108

Portable PA System

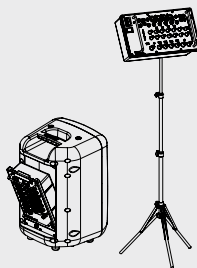
- 300W, 8-ch powered mixer
- 8" 2-way speaker



On a speaker stand



Floor monitor



Powered mixer can be used either while installed in the speaker compartment or detached on a MS432 stand for easy positioning and access.

SP110^{NEW}

Portable PA System

- 500W, 10-ch powered mixer
- 10" 2-way speaker
- Phantom power for condenser microphones
- Compressor and limiter circuitry on channel 1 and 2 for flexible dynamic control
- 35 mm speaker stand socket included

Mixer

Model No.	SP108	SP110
Max. Output Power @10% THD at 1 kHz (Speaker L / R)	150 W + 150 W / 6Ω	250 W + 250 W / 4Ω
Output Power (RMS) @10% THD at 1 kHz (Speaker L / R)	100 W + 100 W / 6Ω	200 W + 200 W / 4Ω
Frequency Response	20 Hz–20 kHz	20 Hz–20 kHz
THD	≤0.5 % @20 Hz–20 kHz, +14 dBu	≤0.5 % @20 Hz–20 kHz, +14 dBu
Hum and Noise 20 Hz–20 kHz, R _s =150Ω, MIC / LINE switch=MIC	≤ -67 dBu residual output noise (SPEAKER L/R) ≤ -87 dBu residual output noise (Monitor, Rec outputs)	≤ -64 dBu residual output noise (SPEAKER L/R) ≤ -87 dBu residual output noise (Monitor, Rec outputs)
Crosstalk (1 kHz)	≤ -70 dB between input channels	≤ -70 dB between input channels
Phantom Power	NA	Channel 1-4
Compressor / Limiter	NA	ON: Compressing; OFF: Limiting (Channel 1-2)
EQ on input channels	±15 dB, HIGH 10 kHz, LOW 100 Hz	±15 dB, HIGH 10 kHz, LOW 100 Hz
Power Requirements	115V / 60 Hz; 230V / 50 Hz	115V / 60 Hz; 230V / 50 Hz
AC Connector	Male IEC	Male IEC
Power Consumption	70 W	65 W
Net Weight (mixer and two speakers)	16.9 kg (37.2 lbs)	23 kg (50.7 lbs)
Dimensions (H×W×D)	Speaker: 455 × 275 × 265 mm (17.9 × 10.8 × 10.4 in.) Mixer: 95 × 290 × 160.5 mm (3.7 × 11.4 × 6.3 in.)	Speaker: 545 × 343 × 300 mm (21.5 × 13.5 × 11.8 in.) Mixer: 175 × 330 × 112 mm (6.9 × 13 × 4.4 in.)

Speaker

Enclosure	Bass-reflex type, PP, black	Bass-reflex type, PP, black
Speaker Driver	LF: 8" (20 cm) HF: 1" (2.54 cm) compression driver	LF: 10" (25.4 cm) HF: 1" (2.54 cm) compression driver
Crossover	4 kHz	4 kHz
Frequency Response (-10 dB)	55 Hz-20 kHz	52 Hz-20 kHz
Max. Output SPL	112 dB SPL	116 dB SPL
Optional Items	VT96 VHF wireless system (two handheld transmitters) MS432, microphone stand with adjustable height 52-140 cm and microphone stand adapter SPS410AB light Aluminum speaker stand	

SF Flagship Series

Sound Reinforcement Speakers



Full-range Speakers

- Both passive and active versions are available in the SF series
- Neodymium transducer provides incredibly deep bass and acoustic power
- High-output precision titanium compression driver
- One piece structure of rear panel and heat-sink provides optimized cooling
- Molded composite cabinet is lightweight for ultimate portability
- 45 and 55 degree angles for aiming up toward performers when used as a floor monitor
- Flyable, pole mountable, floor wedge-able, stackable and wall mountable

Active models plus:

- 2-way bi-amplified, optimized active speaker system
- Built-in active crossover with 24 dB/oct 4th order, Mic/line input and loop output



The SF Flagship Series includes 10-inch, 12-inch, 15-inch full-range speakers and an 18-inch subwoofer. Active models all involve high efficiency class-D power amplifiers.

DESIGNED FOR PERFORMANCE

This speaker series has been carefully designed from the ground up to ensure that all of the necessary components for a portable system will work together in the most efficient manner, not only providing increased performance levels but also reliability. These design improvements have extended also into the construction of the speakers, making them sturdier than ever and tough enough to handle the impacts incurred by road use. The SF series will satisfy the demand by professional users for a 3-way speaker system that is light weight, portable and tough while also delivering superior sound quality.

LOW FREQUENCY

The low frequency driver with neodymium magnet is light but can deliver a smooth frequency response while handling very high sound pressure levels. The large diameter voice coil offers not only efficiency, but exceptionally low distortion for truly clean lows.

HIGH FREQUENCY

Featuring a high quality voice coil, the HF compression driver is used to deliver crystal clear highs. The 90°x45° directivity waveguide horn ensures broad, consistent coverage over the entire audience area.

RELIABILITY

All Superlux loudspeakers must endure extremely tough testing, including an overload test, to ensure years of reliable service. Active models' large integrated diecast heat-sinks, offering an exceptionally efficient cooling system, combined with built-in HF and LF protective circuitry and an extremely rugged composite enclosure with metal grille, ensure that all Superlux loudspeakers can withstand the rigors of road abuse.

EASY TO HANDLE

The SF series has been designed for maximum ease in handling from storage to the back of your car to the gig or the stage. Through careful modeling and real-life testing, handle locations have been positioned at the exact balance points, ensuring easy handling when carrying these speakers. The molded cabinets have one handle on top and one handle on the side, making it equally easy to place the loudspeaker on a tripod stand or into the back of your car.

VERSATILE PLACEMENT

The SF series is everything you could need in a versatile loudspeaker system. With enclosures that feature both 45° and 55° angle sides and flexible connectivity, these loudspeakers are equally useful either as a main speaker or a low-profile monitor. A standard pole mount socket with stabilizing screw and built-in non-slip rubber feet allow both secure stand mounting and free standing configurations. Integrated standard

SF118AS

18-inch Active Subwoofer Speaker

If you prefer to have a deeper and extended low frequency response while using the SF series speakers, then the SF118AS is the right choice for you. It offers a high energy boost to those low frequencies, giving your sound that extra punch.

- Professional 18-inch active subwoofer speaker
- High power 500W(RMS), class-D
- Volume control and loop through output
- Protection circuitry with limiter
- 35 mm pole mount socket



SF118AS control and connecting panel



SF118AS, SPA01 pole, SF112A



SF110A, SF112A, SF115A control and connecting panel

Specifications

Model No.	SF118AS
Type	18-inch subwoofer speaker
Power Amp	500 W (Class D), RMS
Frequency Response (-10 dB)	38 Hz -135 Hz
Input Sensitivity	Line: 0.775 V (0 dBu)
Max. Peak SPL	131 dB SPL
Crossover Frequency	100 Hz
Input Type	Balanced differential line
Impedance	Input: 23 kΩ Output: 280 Ω
Driver	L18AS Ferrite Driver 18" (457.2 mm), 4" coil
Enclosure Material	MDF
Finish	Black
Connectors	Input: XLR3F Output: XLR3M Loop Through: XLR3M
AC Connector	Male IEC
Indicators (on rear)	Power: Green; Overload: Red
Power Requirements	115V / 60 Hz; 230V / 50 Hz
Dimensions (H x W x D)	64 x 55 x 53 cm; 25.5 x 22 x 21 in.
Net Weight	42.7 kg (94 lbs)
Optional Accessories	SPA01 subwoofer pole



SF110 ^{NEW}

10-inch Passive Full-Range Speaker

- 600W peak power handling
- 10-inch LF driver
- 1.75-inch HF compression driver



SF112

12-inch Passive Full-Range Speaker

- 1200W peak power handling
- 12-inch LF driver
- 1.75-inch HF compression driver



SF115 ^{NEW}

15-inch Passive Full-Range speaker

- 1400W peak power handling
- 12-inch LF driver
- 1.75-inch HF compression driver

SF110A ^{NEW}

10-inch Active Full-Range Speaker

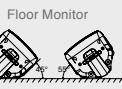
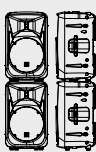
- 200W power amp



ON A STAND

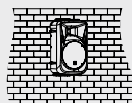


Stacking



Floor Monitor

On a Wall



SF112A

12-inch Active Full-Range Speaker

- 400W power amp

SF115A ^{NEW}

15-inch Active Full-Range Speaker

- 400W power amp

Specifications: Passive Version

Model No.	SF110	SF112	SF115
Power Handling RMS/Peak	150 W / 600 W	300 W / 1200 W	350 W / 1400 W
Rated Impedance	8 Ω	8 Ω	8 Ω
Sensitivity @1W/1m	94 dB SPL	98 dB SPL	99 dB SPL
Protection	Internal overload lamp on HF driver	Internal overload lamp on HF driver	Internal overload lamp on HF driver
Connectors	2 Speakon-style connectors	2 Speakon-style connectors	2 Speakon-style connectors
Net Weight	11.8 kg (26 lbs)	15.5 kg (34.1 lbs)	22.2 kg (48.9 lbs)

Specifications: Active Version

Model No.	SF110A	SF112A	SF115A
LF Power Amp	150 W (Class AB), RMS	300 W (Class D), RMS	300 W (Class D), RMS
HF Power Amp	50 W (Class AB), RMS	100 W (Class AB), RMS	100 W (Class AB), RMS
Input Sensitivity	Line: 1.23 V (+4 dBu)	Line: 1.23 V (+4 dBu)	Line: 1.23 V (+4 dBu)
Crossover Frequency	2.4 kHz	2.4 kHz	2.4 kHz
EQ or HPF	Switchable 80 Hz HPF	Switchable 80 Hz HPF	Switchable 80 Hz HPF
Input Impedance	Line: 20 kΩ Mic: 2 kΩ	Line: 20 kΩ Mic: 2 kΩ	Line: 20 kΩ Mic: 2 kΩ
Connectors	Input: XLR3F; Loop through: XLR3M	Input: XLR3F; Loop through: XLR3M	Input: XLR3F; Loop through: XLR3M
AC Connector	Male IEC	Male IEC	Male IEC
Indicators	Front: White-Power; Rear: Power-Green; Overload: Red (LF, HF)	Front: White-Power; Rear: Power-Green; Overload: Red (LF, HF)	Front: White-Power; Rear: Power-Green; Overload: Red (LF, HF)
Power Requirements	115V / 60 Hz; 230V / 50 Hz	115V / 60 Hz; 230V / 50 Hz	115V / 60 Hz; 230V / 50 Hz
Net Weight	16 kg (35.2 lbs)	20 kg (44 lbs)	26.7 kg (58.8 lbs)

Identical Specifications

Type	10-inch, two-way	12-inch, two-way	15-inch, two-way
Frequency Response (-10 dB)	60 Hz -18 kHz	50 Hz -18 kHz	45 Hz -18 kHz
Max. Peak SPL	122 dB SPL	128 dB SPL	129 dB SPL
Driver	LF: L10G ferrite, 10" (254 mm); HF: H44F, 1.75" (44 mm)	LF: L12FN neodymium, 12" (304 mm); HF: H44F, 1.75" (44 mm)	LF: L15FN neodymium, 15" (381 mm); HF: H44F, 1.75" (44 mm)
HF Horn Coverage Angles	90° × 45° (H × V)	90° × 45° (H × V)	90° × 45° (H × V)
Mounting Method	Integral 1 3/8" pole mount receptacle	Integral 1 3/8" pole mount receptacle	Integral 1 3/8" pole mount receptacle
Suspension	5 × M8 (2 on top, 2 on bottom, 1 on rear)	5 × M8 (2 on top, 2 on bottom, 1 on rear)	5 × M8 (2 on top, 2 on bottom, 1 on rear)
Enclosure Material	PP	PP	PP
Finish	Black	Black	Black
Dimensions (HxWxD)	53.5 × 32 × 33.5 cm (21 × 12.5 × 13.1 in.)	62.3 × 37.8 × 36.3 cm (24.5 × 14.9 × 14.3 in.)	70 × 47 × 41 cm (27.5 × 18.5 × 16.1 in.)
Optional Accessories	SPS410B speaker stand, AX110 U-bracket mounting kit	SPS410B speaker stand, AX112 u-bracket mounting kit	SPS410B speaker stand, AX115 u-bracket mounting kit

SF Best Value Series

Sound
Reinforcement
Speakers



SF12AS & SF15AS ^{NEW} 12 and 15 inches Active Subwoofer Speakers

The SF Best Value Series inherits the SF Flagship Series' high performance and versatile enclosure. It comes in 10-inch, 12-inch, and 15-inch full range speakers in passive and active versions, and 12-inch and 15-inch active subwoofers, making it possible to form a complete 3-way system with molded enclosures whose extended low frequency response and solid bass give an unmatched musical sound profile. Active full range speakers feature a dedicated 2-band EQ for perfect sound adjustment and the studio-quality microphone preamp ensures excellent vocal sound. Built-in protection circuitry protects the power amplifier and speaker drivers to ensure dependability. This series is also suitable for side-fill or floor monitor applications. They are pole mountable, floor wedge-able, stackable and wall mountable, making the SF series perfect for portable sound system or installation applications. The SF series was created to satisfy professionals' requirements, whether used in disco pubs, small/medium concerts, lectures or presentations.

Both passive and active versions are available in the SF series

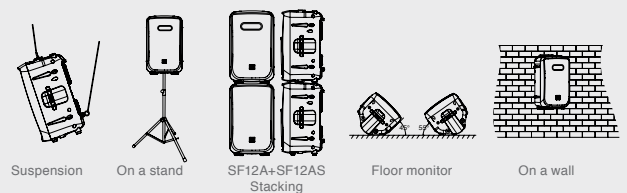
- Full-range Speakers
- High sensitivity long-throw low frequency transducer provides incredibly deep bass and acoustic power
- High-output precision titanium compression driver
- Molded composite cabinet is lightweight for ultimate portability
- Ergonomically shaped handles for easy carrying and setup 45 and 55 degree angles for aiming up toward performers when used as a floor monitor
- Ultra-wide, smooth sound dispersion
- Additional link output allows linking of additional speakers to the system
- Flyable, pole mountable, floor wedge-able, stackable and wall mountable

Active models plus:

- 2-way bi-amplified, optimized active speaker system
- Integrated signal processor for ultimate system control and speaker protection
- Extremely low noise Mic/Line input with volume control and LED clip indicator
- Dedicated 2-band EQ for perfect sound adjustment

The Superlux molded powered subwoofer is the ideal solution where big sound and compact portability are required. Combining the amazing low-frequency performance of an subwoofer driver with high-efficiency 500 Watt amplifier channel and an electronic crossover, the SF12AS and SF15AS eliminate the need for a separate crossover to drive a full-range system. Through the satellite speaker output, the performance match active full range speaker can be connected to subwoofer speaker. A line level XLR output is also provided for daisy chaining to powered speakers or additional power amps. Combining with full range speaker, the active speaker creates an extended low frequency response and comes a big full sound from a very small package. The result is a compact, self-contained 3-way system that sounds much bigger than it looks.

- Professional active subwoofer speakers
- 500W(RMS) Class-D power amplifiers
- Very compact and lightweight - only 20.4kg (44.9 lbs) Integral handle
- Aluminum cast frame high power subwoofer driver
- Integral limit and protection circuitry
- XLR line level outputs for loop through and satellite output



SF12AS & SF15AS
control and connecting panel



SF10A, SF12A, SF15A
control and connecting panel



SF10, SF12, SF15
connecting panel

Best value in a portable speaker system for a variety of applications



Disco / Pub
A pair of SF12A and a pair of SF12AS, or
a pair of SF15A and a pair of SF15AS



Small Concert
A pair of SF12A and a SF12AS, or
a pair of SF15A and a SF15AS



Presentations
A pair of SF12A, or
a pair of SF15A and a SF15AS



SF10 **NEW**

10-inch Passive Full-Range Speaker

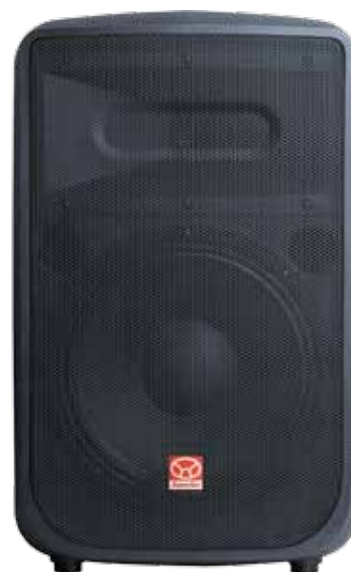
- 600 W peak power handling
- 10-inch LF driver
- 1.34-inch HF compression driver



SF12

12-inch Passive Full-Range Speaker

- 1200 W peak power handling
- 12-inch LF driver
- 1.34-inch HF compression driver



SF15 **NEW**

15-inch Passive Full-Range Speaker

- 1400 W peak power handling
- 15-inch LF driver
- 1.34-inch HF compression driver

SF10A **NEW**

10-inch Active Full-Range Speaker

- 200 W power amplifier

SF12A

12-inch Active Full-Range Speaker

- 400 W power amplifier

SF15A **NEW**

15-inch Active Full-Range Speaker

- 400 W power amplifier

Specifications: Passive Version

Model No.	-	SF10	SF12	SF15
Power Handling RMS/Peak	-	150 W / 600 W	300 W / 1200 W	350 W / 1400 W
Rated Impedance	-	8 Ω	8 Ω	8 Ω
Sensitivity @1W/1m	-	94 dB SPL	96 dB SPL	96 dB SPL
Protection	-	Internal overload lamp on HF driver	Internal overload lamp on HF driver	Internal overload lamp on HF driver
Connectors	-	2 Speakon-style	2 Speakon-style	2 Speakon-style
Net Weight	-	12 kg (26.4 lbs)	16 kg (35.2 lbs)	22.7 kg (50 lbs)

Specifications: Active Version

Model No.	SF12AS / SF15AS	SF10A	SF12A	SF15A
LF Power Amp	500 W (Class D), RMS	100 W RMS (Class D); 160 W Peak	200 W RMS (Class AB); 320 W Peak	200 W RMS (Class AB); 320 W Peak
HF Power Amp	-	25 W (Class AB); 40 W Peak	50 W (Class AB); 80 W Peak	50 W (Class AB); 80 W Peak
Input Sensitivity	Line: 0.775 V (0 dBu)	Line: 1.23 V (+4 dBu)	Line: 1.23 V (+4 dBu)	Line: 1.23 V (+4 dBu)
Crossover	100 Hz	2.4 kHz	2.4 kHz	2.4 kHz
EQ or HPF	-	12 kHz / ±15dB; 80 Hz / ±15dB	12 kHz / ±15dB; 80 Hz / ±15dB	12 kHz / ±15dB; 80 Hz / ±15dB
Input Impedance	Line: 23 kΩ	Line: 20 kΩ Mic: 2 kΩ	Line: 20 kΩ Mic: 2 kΩ	Line: 20 kΩ Mic: 2 kΩ
Connectors	Input: XLR3F; Output: XLR3M Link Out: XLR3M	Input: XLR3F & 1/4" (6.3 mm) Link Out: XLR3M	Input: XLR3F & 1/4" (6.3 mm) Link Out: XLR3M	Input: XLR3F & 1/4" (6.3 mm) Link Out: XLR3M
AC Connector	Male IEC	Male IEC	Male IEC	Male IEC
Indicators (on rear)	Green: Power; Red: Overload	Green: Power; Red: Overload	Green: Power; Red: Overload	Green: Power; Red: Overload
Power Requirements	115V / 60 Hz; 230V / 50 Hz	115V / 60 Hz; 230V / 50 Hz	115V / 60 Hz; 230V / 50 Hz	115V / 60 Hz; 230V / 50 Hz
Net Weight	20.4 kg (44.9 lbs) / 23 kg (50.6 lbs)	14.5 kg (31.9 lbs)	20 kg (44 lbs)	27 kg (59.5 lbs)

Identical Specifications

Type	12-inch and 15-inch subwoofer	10-inch, two-way	12-inch, two-way	15-inch, two-way
Frequency Response (-10 dB)	43 Hz - 275 Hz / 40 Hz - 275 Hz	60 Hz - 20 kHz	55 Hz - 20 kHz	52 Hz - 20 kHz
Max. Peak SPL	128 dB SPL	122 dB SPL	125 dB SPL	124 dB SPL
Driver	LF: L12E ferrite driver, 12" (305 mm) HF: H34G, 1.34" (34 mm)	LF: L10G ferrite driver, 10" (254 mm) HF: H34G, 1.34" (34 mm)	LF: L12G ferrite driver, 12" (305 mm) HF: H34G, 1.34" (34 mm)	LF: L15G ferrite driver, 12" (381 mm) HF: H34G, 1.34" (34 mm)
HF Horn Coverage Angles	-	90° × 45° (H × V)	90° × 45° (H × V)	90° × 45° (H × V)
Mounting Method	Integral 1 3/8" pole mount receptacle	Integral 1 3/8" pole mount receptacle	Integral 1 3/8" pole mount receptacle	Integral 1 3/8" pole mount receptacle
Suspension	5 × M8 (2 on top, 2 on bottom, 1 on rear)	5 × M8 (2 on top, 2 on bottom, 1 on rear)	5 × M8 (2 on top, 2 on bottom, 1 on rear)	5 × M8 (2 on top, 2 on bottom, 1 on rear)
Enclosure Material	PP	PP	PP	PP
Finish	Black	Black	Black	Black
Dimensions (HxWxD)	62.3 × 37.8 × 36.3 cm (24.5 × 14.9 × 14.3 in.) 70 × 47 × 41 cm (27.5 × 18.5 × 16.1 in.)	53 × 33.5 × 32 cm 20.7 × 13.19 × 12.6 in.	62.3 × 37.8 × 36.3 cm 24.5 × 14.9 × 14.3 in.	70 × 47 × 41 cm 27.5 × 18.5 × 16.1 in.
Optional Accessories	SPS410B speaker stand AX112 u-bracket mounting kit	SPS410B speaker stand AX110 u-bracket mounting kit	SPS410B speaker stand AX112 u-bracket mounting kit	SPS410B speaker stand AX115 u-bracket mounting kit

SD Series NEW

Sound
Reinforcement
Speakers



SD10

10" Two-way Passive Speaker

- 300 W peak power handling
- Powerful 10" long-excursion LF driver
- 1.34" HF titanium-diaphragm compression driver

SD10A

10" Two-way Active Speaker

- 150 W power amplifier

The new SD-Series from Superlux combines affordability with high performance.

The SD Series covers a full range of main speakers and floor monitors to meet the demands of a variety of applications. There are fourteen models in total for the SD Series, including seven passive and seven active models, ranging in size from 10" to dual 15" full range speakers, perfectly designed to fit the budgets of performing musicians, churches, and schools while delivering the full frequency response and high output of more costly systems. High-performance self-powered speaker systems offer a degree of simplicity unmatched by traditional amp and speaker PA systems. Not only are all components matched right out of the box, but they are optimized for maximum reliability and the self-powered ones will save setup time for every musician, DJ, and audio/video provider at any venue.

Superlux crafts the SD line of sound reinforcement speakers for both great sound and affordability. High powered woofers provide amazing punch, while a pure titanium 34 mm compression driver assures excellent high frequency performance. High-frequency response is also enhanced with a new titanium HF driver and 90° by 60° non-resonant horn. Each model has large handles and main speaker with built-in pole sockets, assuring both durability and flexibility.

- Both passive and active versions are available in the SD series
- Powerful long throw LF driver provides incredibly deep bass and acoustic power
- Proprietary 1.4-inch (34 mm) titanium diaphragm HF driver gives exceptional high frequency reproduction
- Designed to deliver high sound pressure levels
- Proprietary horn design gives 90° x 60° wide dispersion angle
- Overload-protection circuitry ensures optimal driver protection
- Ergonomically shaped handles for easy transport
- Rugged steel grill provides optimal speaker protection
- Professional speakon-style connectors
- Internal cabinet bracing provides extra strength and freedom from vibration
- High-quality components and exceptionally rugged construction ensure long life

Specifications: Passive Version

Model No.	SD10
Type	10" two-way FOH speaker
Power Handling	150W / 300W RMS / Peak
Rated Impedance	8 Ω
Sensitivity @ 1W/1m	94 dB SPL
Protection	Internal overload lamp on HF driver
Connectors	2 Speakon-style and 2 x 1/4"(6.3 mm) phone connectors
Net Weight	13.4 kg (29.5 lbs.)

Specifications: Active Version

Model No.	SD10A
LF Power Amp RMS	120 W
HF Power Amp RMS	30 W
Input Impedance	Line: 20 kΩ Mic: 2 kΩ
Input Sensitivity	Line: 1.23 V (+4 dBu)
Controls	Level & 2-band EQ
Connectors	Input: 6.3 mm (1/4") & XLR3F Output: XLR3M (Loop Through)
AC Connector	Male IEC
Indicators (on rear)	Power: Green; Overload: Red
Power Requirements	115V / 60 Hz 230V / 50 Hz
Net Weight	16.5 kg (36.3 lbs)

Identical Specifications

Frequency Response	60 Hz-19 kHz (-10 dB)
Max. SPL	116 dB SPL
LF Driver	10"
HF Driver	1-inch exit, 34 mm titanium diaphragm compression driver
Dispersion Angle	90° x 60° (HxV)
Mounting	Integral 1 3/8" pole mount receptacle
Finish	Black carpet
Dimensions (HxWxD)	56.5 x 35 x 30.5 cm 22.2 x 13.8 x 11.8 in.



SD12

12" Two-way Passive Speaker

- 500 W peak power handling
- Powerful 12" long-excursion LF driver
- 1.34" HF titanium-diaphragm compression driver



SD15

15" Two-way Passive Speaker

- 600 W peak power handling
- Powerful 15" long-excursion LF driver
- 1.34" HF titanium-diaphragm compression driver



SD215

Dual 15" Two-way Passive Speaker

- 1200 W peak power handling
- Dual powerful 15" long-excursion LF driver
- 1.34" HF titanium-diaphragm compression driver

SD12A

12" Two-way Active Speaker

- 250 W power amplifier

SD15A

15" Two-way Active Speaker

- 250 W power amplifier

SD215A

Dual 15" Two-way Active Speaker

- 500 W power amplifier

Specifications: Passive Version

Model No.	SD12	SD15	SD215
Type	12" two-way FOH speaker	15" two-way FOH speaker	Dual 15" two-way FOH speaker
Power Handling	250W / 500W RMS / Peak	300W / 600W RMS / Peak	600W / 1200W RMS / Peak
Rated Impedance	8 Ω	8 Ω	4 Ω
Sensitivity @1W/1m	94 dB SPL	96 dB SPL	99 dB SPL
Protection	Internal overload lamp on HF driver	Internal overload lamp on HF driver	Internal overload lamp on HF driver
Connectors	2 Speakon-style and 2 × 1/4" (6.3 mm) phone connectors	2 Speakon-style and 2 × 1/4" (6.3 mm) phone connectors	2 Speakon-style and 2 × 1/4" (6.3 mm) phone connectors
Net Weight	18 kg (39.7 lbs.)	22.5 kg (49.60 lbs.)	34 kg (75 lbs.)

Specifications: Active Version

Model No.	SD12A	SD15A	SD215A
LF Power AmpRMS	200 W	200 W	400 W
HF Power AmpRMS	50 W	50 W	100 W
Input Impedance	Line: 20 kΩ Mic: 2 kΩ	Line: 20 kΩ Mic: 2 kΩ	Line: 20 kΩ Mic: 2 kΩ
Input Sensitivity	Line: 1.23 V (+4 dBu)	Line: 1.23 V (+4 dBu)	Line: 1.23 V (+4 dBu)
Controls	Level & 2-band EQ	Level & 2-band EQ	Level & 2-band EQ
Connectors	Input: 6.3 mm (1/4 in.) & XLR3F Output: XLR3M (Loop Through)	Input: 6.3 mm (1/4 in.) & XLR3F Output: XLR3M (Loop Through)	Input: 6.3 mm (1/4 in.) & XLR3F Output: XLR3M (Loop Through)
AC Connector	Male IEC	Male IEC	Male IEC
Indicators (on rear)	Power: Green; Overload: Red	Power: Green; Overload: Red	Power: Green; Overload: Red
Power Requirements	115V / 60 Hz 230V / 50 Hz	115V / 60 Hz 230V / 50 Hz	115V / 60 Hz 230V / 50 Hz
Net Weight	21.7 kg (47.8 lbs)	26.4 kg (58.2 lbs)	37.9 kg (83.5 lbs)

Identical Specifications

Frequency Response (-10 dB)	50 Hz-19 kHz	47 Hz-19 kHz	40 Hz-19 kHz
Max.SPL	121 dB SPL	SD15 / SD15A: 124 / 123 dB SPL	125 dB SPL
LF	12"	15"	dual 15"
HF Driver	1-inch exit, 34 mm titanium diaphragm compression driver	1-inch exit, 34 mm titanium diaphragm compression driver	1-inch exit, 34 mm titanium diaphragm compression driver
Dispersion Angle	90° × 60° (H × V)	90° × 60° (H × V)	90° × 60° (H × V)
Mounting	Integral 1 3/8" pole mount receptacle	Integral 1 3/8" pole mount receptacle	N/A
Finish	Black carpet	Black carpet	Black carpet
Dimensions (H×W×D)	65.5 × 41 × 32.5 cm 25.8 × 16.1 × 12.8 in.	73.5 × 45 × 37.5 cm 28.9 × 17.7 × 14.8 in.	112.5 × 48 × 40.5 cm 44.3 × 18.9 × 15.9 in.

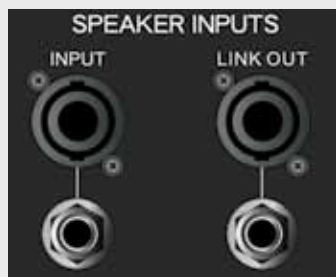
SD Series

Sound
Reinforcement
Speakers

Control & Connecting Panel:
Same for all active models



Connecting Panel:
Same for all passive models





SD010

10" Two-way Passive Floor Monitor Speaker

- 300 W peak power handling
- Powerful 10" long-excursion LF driver
- 1.34" HF titanium-diaphragm compression driver

SD012

12" Two-way Passive Floor Monitor Speaker

- 500 W peak power handling
- Powerful 12" long-excursion LF driver
- 1.34" HF titanium-diaphragm compression driver

SD015

15" Two-way Passive Floor Monitor Speaker

- 600 W peak power handling
- Powerful 15" long-excursion LF driver
- 1.34" HF titanium-diaphragm compression driver

SD010A

10" Two-way Active Floor Monitor Speaker

- 100 W power amplifier

SD012A

12" Two-way Active Floor Monitor Speaker

- 200 W power amplifier

SD015A

15" Two-way Active Floor Monitor Speaker

- 200 W power amplifier

Specifications: Passive Version

Model No.	SD010	SD012	SD015
Type	10" two-way, floor monitor	12" two-way, floor monitor	15" two-way, floor monitor
Power Handling	150W / 300W RMS / Peak	250W / 500W RMS / Peak	300W / 600W RMS / Peak
Rated Impedance	8 Ω	8 Ω	8 Ω
Sensitivity @ 1W/1m	94 dB SPL	94 dB SPL	96 dB SPL
Protection	Internal overload lamp on HF driver	Internal overload lamp on HF driver	Internal overload lamp on HF driver
Connectors	2 Speakon-style and 2 x 1/4" (6.3 mm) connectors	2 Speakon-style and 2 x 1/4" (6.3 mm) connectors	2 Speakon-style and 2 x 1/4" (6.3 mm) connectors
Net Weight	13 kg (28.65 lbs.)	17 kg (49.60 lbs.)	21.9 kg (42 lbs.)

Specifications: Active Version

Model No.	SD010A	SD012A	SD015A
Power Amp(RMS)	100 W	200 W	200 W
Input Impedance	Line: 20 k Ω Mic: 2 k Ω	Line: 20 k Ω Mic: 2 k Ω	Line: 20 k Ω Mic: 2 k Ω
Sensitivity	Line: 1.23 V (+4 dBu)	Line: 1.23 V (+4 dBu)	Line: 1.23 V (+4 dBu)
Controls	Level & 2-band EQ	Level & 2-band EQ	Level & 2-band EQ
Connectors	Input: 6.3 mm (1/4") & XLR3F Output: XLR3M (Loop Through)	Input: 6.3 mm (1/4") & XLR3F Output: XLR3M (Loop Through)	Input: 6.3 mm (1/4") & XLR3F Output: XLR3M (Loop Through)
AC Connectors	Male IEC	Male IEC	Male IEC
Indicators (on rear)	Power: Green; Overload: Red	Power: Green; Overload: Red	Power: Green; Overload: Red
Power Requirements	115V / 60 Hz 230V / 50 Hz	115V / 60 Hz 230V / 50 Hz	115V / 60 Hz 230V / 50 Hz
Net Weight	16.1 kg (35.4 lbs)	20.7 kg (45.6 lbs)	25.8 kg (56.8 lbs)

Identical Specifications

	SD010A	SD012A	SD015A
Frequency Response	59 Hz-19 kHz (-10 dB)	50 Hz-19 kHz	45 Hz-19 kHz
Max. SPL	116 dB SPL	121 dB SPL	124 dB SPL
LF Driver	10"	12"	15"
HF Driver	1-inch exit, 34 mm titanium diaphragm compression driver	1-inch exit, 34 mm titanium diaphragm compression driver	1-inch exit, 34 mm titanium diaphragm compression driver
Dispersion Angle	90° x 60° (H x V)	90° x 60° (H x V)	90° x 60° (H x V)
Mounting	25° and 30° wedge monitor position	25° and 30° wedge monitor position	25° and 30° wedge monitor position
Finish	Black carpet	Black carpet	Black carpet
Dimensions (HxWxD)x	32.5 x 55 x 44.3 cm 12.8 x 21.7 x 17.4 in.	33.8 x 64 x 52 cm 13.3 x 25.2 x 20.5 in.	51.8 x 45 x 74 cm 20.4 x 17.7 x 29.1 in.

SM Series

Sound
Reinforcement
Speakers



SM12F

12" Two-way FOH Speaker

The SM Series PA loudspeakers have represented the best performance, highest quality, and most advanced driver technology available to portable PA users. This series delivers a clean tone with high sound pressure level capacity, and covers from 12", 15", dual 15" full range speakers to 18" subwoofer with 300 W to 1200 W RMS power handling. All this performance is housed in rugged Superlux enclosures for years of superb performance. The SM Series will easily meet the demands of professional installations from disco pubs to live concert events.

Both the SM12F and SM15F use a woofer with a 3" coil, while the upgraded versions SM112F, SM115F, SM215 and SM118S come with a 4" coil woofer. All those models with the suffix F feature the flying track, offering you the option of selecting economical, forged eyebolts for fixed installation or the convenience of detachable track fittings for portable applications. Just choose the hardware kit that's right for your application.

- 1.75 inch Titanium diaphragm compression driver
- Extended frequency response and wide dynamic range
- Extremely high sound pressure level capacity
- HF overload protection
- Professional speakon-type connectors with link out
- Sturdy Plywood enclosure

Suspension Structure:



Hanging ring on rear panel



Flying track extrusion on top

Specifications

Model No.	SM12F
Type	12" two-way FOH speaker
Power Handling(RMS)	300 W
Power Handling(Peak)	1200 W
Frequency Response(-10dB)	60 Hz - 20 kHz
Impedance	8 Ω
Sensitivity@1W/1m	98 dB SPL
Max. SPL (Peak)	129 dB SPL
Crossover	2 kHz
Dispersion Angle	90° x 75° (H x V)
Enclosure Material	Plywood
Finish	Black
Suspension	Two flying track extrusion on top, and one hanging ring on rear
Driver	LF: L12P Ferrite Driver 12" (304.8 mm), 3" coil HF: H44B, 1.75" (44.5 mm)
Connectors	2 Speakon-style connectors
Dimensions (H x W x D)	650 x 440 x 350 mm 25.6 x 17.3 x 13.8 in.
Net Weight	28.0 kg (61.6 lbs)



SM15F

15" Two-way FOH Speaker

- 1400 W peak power handling
- Powerful 15" long-excursion LF driver, 3" coil
- 1.75" HF titanium-diaphragm compression driver
- Flying track extrusion

SM112F

12" Two-way FOH Speaker

- 1800 W peak power handling
- Powerful 12" long-excursion LF driver, 4" coil
- 1.75" HF titanium-diaphragm compression driver
- Flying track extrusion

SM115F

15" Two-way FOH Speaker

- 2400 W peak power handling
- Powerful 15" long-excursion LF driver, 4" coil
- 1.75" HF titanium-diaphragm compression driver
- Flying track extrusion

Specifications

Model No.	SM15F	SM112F	SM115F
Type	15" two-way FOH speaker	12" two-way FOH speaker	15" two-way FOH speaker
RMS Power Handling	350 W	450 W	600 W
Peak Power Handling	1400 W	1800 W	2400 W
Frequency Response(-10dB)	45 Hz - 20 kHz	60 Hz - 20 kHz	50 Hz - 20 kHz
Impedance	8 Ω	8 Ω	8 Ω
Sensitivity@1W/1m	99 dB SPL	98 dB SPL	99 dB SPL
Max. Peak SPL	130 dB SPL	131 dB SPL	133 dB SPL
Crossover	2 kHz	2 kHz	1.8 kHz
Dispersion Angle	90° × 75° (H × V)	90° × 75° (H × V)	90° × 75° (H × V)
Enclosure Material	Plywood	Plywood	Plywood
Finish	Black	Black	Black
Suspension	Two flying track extrusion on top, and one hanging ring on rear	Two flying track extrusion on top, and one hanging ring on rear	Two flying track extrusion on top, and one hanging ring on rear
Driver	LF: L15P Ferrite Driver 15" (381 mm), 3" coil HF: H44B, 1.75" (44.5 mm)	LF: L12AS Ferrite Driver 12" (304.8 mm), 4" coil HF: H44AS 1.75" (44.5 mm)	LF: L15AS Ferrite Driver 15" (381 mm), 4" coil HF: H44AS, 1.75" (44.5 mm)
Connectors	2 Speakon-style connectors	2 Speakon-style connectors	2 Speakon-style connectors
Dimensions (H × W × D)	750 × 500 × 400 mm 29.5 × 19.7 × 15.7 in.	650 × 440 × 350 mm 25.6 × 17.3 × 13.8 in.	750 × 500 × 400 mm 29.5 × 19.7 × 15.7 in.
Net Weight	33.0 kg (72.6 lbs)	31.0 kg (68.3 lbs)	36.0 kg (79.3 lbs)

SM Series

Sound
Reinforcement
Speakers



SM215

Dual 15" Two-way FOH Speaker

- 4800 W peak power handling
- Dual powerful 15" long-excursion LF driver, 4" coil
- 1.75" HF titanium-diaphragm compression driver

Specifications

Model No.	SM215
Type	Dual 15" two-way FOH speaker
RMS Power Handling	1200 W
Peak Power Handling	4800 W
Frequency Response (-10 dB)	40 Hz - 20 kHz
Impedance	4 Ω
Sensitivity @ 1W/1m	102 dB SPL
Max. Peak SPL	138 dB SPL
Crossover	1.8 kHz
Dispersion Angle	90° x 75° (H x V)
Enclosure Material	Plywood
Finish	Black
Driver	LF: L15AS ferrite Driver x2 15" (381 mm), 4" coil HF: H44AS, 1.75" (44.5 mm)
Connectors	2 Speakon-style connectors
Dimensions (HxWxD)	1120 x 500 x 500 mm 44.1 x 19.7 x 19.7 in.
Net Weight	56.0 kg (123.3 lbs)



SM012

12" Two-way Floor Monitor Speaker

- 1200 W peak power handling
- Powerful 12" long-excursion LF driver, 3" coil
- 1.75" HF titanium-diaphragm compression driver

SM015

15" Two-way Floor Monitor Speaker

- 1400 W peak power handling
- Powerful 15" long-excursion LF driver, 3" coil
- 1.75" HF titanium-diaphragm compression driver

SM118S

18" Subwoofer Speaker

- 2400 W peak power handling
- Powerful 18" long-excursion LF driver, 4" coil

Specifications

Model No.	SM012	SM015	SM118S
Type	12" two-way floor monitor	15" two-way floor monitor	18" subwoofer
RMS Power Handling	300 W	350 W	600 W
Peak Power Handling	1200 W	1400 W	2400 W
Frequency Response(-10dB)	60 Hz - 20 kHz	45 Hz - 20 kHz	35 Hz - 1 kHz
Impedance	8 Ω	8 Ω	8 Ω
Sensitivity@1W/1m	98 dB SPL	99 dB SPL	100 dB SPL
Max. Peak SPL	129 dB SPL	130 dB SPL	133 dB SPL
Crossover	1.8 kHz	1.8 kHz	-
Dispersion Angle	90° × 75° (H × V)	90° × 75° (H × V)	-
Enclosure Material	Plywood	Plywood	Plywood
Finish	Black	Black	Black
Driver	LF: L12P ferrite Driver 12" (304.8 mm), 3" coil HF: H44B, 1.75" (44.5 mm)	LF: L15P ferrite Driver 15" (381 mm), 3" coil HF: H44B, 1.75" (44.5 mm)	LF: L18AS ferrite Driver 18" (457.2 mm), 4" coil
Connectors	2 Speakon-style connectors	2 Speakon-style connectors	2 Speakon-style connectors
Dimensions (H×W×D)	650 × 400 × 470 mm 25.5 × 15.7 × 18.5 in.	730 × 440 × 530 mm 28.7 × 17.2 × 20.7 in.	670 × 550 × 700 mm 26.4 × 21.6 × 27.6 in.
Net Weight	24.5 kg (53.9 lbs)	28.5 kg (62.7 lbs)	38.0 kg (83.7 lbs)

SA Series

Line Array
Speakers



SA28

Modular Line Array Speaker

This rectangular cabinet is designed for the upper section of a high-output, 1400 watt (peak), 2-way MF/HF line array system. It is perfect for middle-sized venue applications or in smaller line array systems for use as distributed clusters in arenas, stadiums and in large performance spaces including houses of worship and stages. Combining these speakers with the 18" SA118S or dual 15" SA215S subwoofers will extend the bass performance, giving extra punch. Their 120° horizontal coverage pattern is ideal for wide area and long throw applications; the vertical coverage angle is approximately 10°. The HF section is comprised of 2 HF compression 1.75" titanium drivers and dual 8" mid-band woofers with 2" coils. A precise HF vertical wave guide provides excellent far-field summing. Greater mid-bass clarity and high frequency accuracy make the SA28 a good choice for a line array MF/HF system. New proprietary rigging allows for rapid venue load-in and load-out, linking hardware included. Multiply birch plywood enclosure with scratch resistant paint also makes the SA28 tough and reliable for heavy use.

- Dual 8" MF and dual 1.75" HF compression drivers
- High output power and up to 131dB SPL
- Modular design and easy to install
- Low distortion and wide dynamic
- HF protection system
- Professional speakon-type connectors
- For permanent installation and touring band

Specifications

Model No.	SA28	
Type	Dual 8" MF and dual 1.75" HF	
Frequency Response (-10dB)	80 Hz - 18 kHz	
Horizontal Coverage	120°	
Vertical Coverage	Splay angle dependent	
Power Handling (RMS)	MF: 300 W	HF: 80 W
Sensitivity@1W/1m	MF: 100 dB SPL	HF: 110 dB SPL
Max. Peak SPL	MF: 131 dB SPL	HF: 134 dB SPL
Drivers	MF: L8C x 2	HF: H44CN x 2
Impedance	MF: 8 Ω	HF: 8 Ω
Enclosure Geometry	Trapezoidal	
Enclosure Material	Plywood	
Finish	Black	
Rigging System	Integrated in box design	
Connectors	2 Speakon-type connectors, wired ±1 LF, ±2 HF	
Dimensions (HxWxD)	260x700x470 mm 10.24x27.56x18.5 in.	
Net Weight	38 kg (83.7 lbs)	
Optional Accessories	AX-28 rigging grid (max capacity: 8xSA28)	



SA215S

Dual 15" Subwoofer Speaker

- Dual powerful 15" long-excursion LF drivers with 4" coil
- High efficiency, up to 138 dB SPL
- Bass-Reflex design
- 1200 W RMS power handling
- Professional speakon-type connectors



SA118S

18" Subwoofer Speaker

- Powerful 18" long-excursion LF drivers with 4" coil
- High efficiency, up to 133 dB SPL
- Bass-Reflex design
- 600 W RMS power handling
- Professional speakon-type connectors

Specifications

Model No.	SA215S	SA118S
Type	Dual 15-inch subwoofer speaker	18-inch subwoofer speaker
Frequency Response(-10dB)	35 Hz - 300 Hz	35 Hz - 1 kHz
Power Handling RMS	1200 W	600 W
Sensitivity@1W/1m	102 dB SPL	100 dB SPL
Max. Peak SPL	138 dB SPL	133 dB SPL
Driver	L15ASx2	L18AS
Impedance	4 Ω	8 Ω
Enclosure Geometry	Rectangle	Rectangle
Enclosure Material	Plywood	Plywood
Finish	Black	Black
Connectors	2 Speakon-type connectors, wired ±1	2 Speakon-type connectors, wired ±1
Dimensions (H x W x D)	452 x 882 x 746 mm 17.8 x 34.73 x 29.37 in.	670 x 550 x 700 mm 26.38 x 21.65 x 27.56 in.
Net Weight	58 kg (127.8 lbs)	38 kg (83.7 lbs)

BES^{Series}

Studio
Monitor
Speakers



BES5A

5" Two-way Active Studio Monitor Speaker

The Superlux BES Series monitors combine the best sound engineering, ID style, quality construction and superb value, making them ideal for all monitoring applications..

Engineers specializing in application, acoustics, mechanics and electronics have worked together to create this series of active monitors including the active sub-woofer to match with the main monitors.

The best value represented by these monitors is achieved through its production plan: Superlux builds these speakers with key components in our own facility including the drivers and molded enclosures.

The BES series of studio monitors incorporates the BES5A with a molded enclosure and the BES6, BES8 and BES110AS with wooden enclosures. The BES110AS is a 10" active subwoofer, offering extended bass response. The BES series models offer an exceptionally high quality and the best value for all monitoring applications.



BES5A control and connecting panel



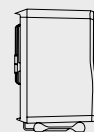
BES110A control and connecting panel

Project Studio / Near Field Monitoring / Computer Recording / Home Theater

The Superlux BES5A is a very compact bi-amplified active monitor speaker. Its bass reflex system delivers outstanding monitoring precision for digital or analog production in stereo or surround formats, with performance comparable to much larger systems. Advanced driver and enclosure design are carefully matched with superior amplifier and electronic circuitry. Bass response has been widened down to 50 Hz while distortion is substantially lower. The BES5A's excellent directivity characteristics and accurate imaging together with its compact size and flexible connectivity make the BES5A the perfect monitoring tool for a wide range of applications.

- Advanced bi-amplified power, 40 W for LF and 30 W for HF
- 5" cone woofer and 1" titanium dome high frequency drivers
- Integrated die-cast heat-sink and back panel ensures the ultimate efficient cooling
- XLR3F balanced input and 1/4" unbalanced input.
- Volume control and TRIM Control for High and Low
- Magnetic shielding

Optional Accessories
Anti-vibration table stand
model# AV-T1



Specifications	
Model No.	BES5A
Type	Bi-amp 5" 2-way active speaker
Crossover Frequency	2.5 kHz, 24 dB/oct
Frequency Range (-10 dB)	50 Hz-22 kHz
Max. SPL	101 dB SPL
Magnetic Shielding	Yes
Drivers LF/ HF	5" LF / 1" titanium dome HF
Enclosure Type/ Material	Bassreflex, PP
Power Amp LF/ HF	40 W / 30 W
S/N Ratio	≥ 93 dB
Input Sensitivity, VR @center	XLR3F: + 4 dBu 6.3 mm (1/4"): -10 dBu
Connectors	XLR3F & 6.3 mm (1/4")
Impedance	10 kΩ
Controls	Volume at the front Power on / off at the front TRIM for HF: -1.5 / 0 / +1.5 dB@ 15 kHz TRIM for LF: -1.5 / 0 / +1.5 dB@ 60 Hz
Indicators	Green for power and red for clipping
Power Consumption	60 W
AC Power Requirements, depends on region	115V / 60 Hz 230V / 50 Hz
Dimensions (HxWxD)	287 × 178 × 217 mm 11.3 × 7 × 8.5 in.
Net Weight (1 speaker)	6.4 kg (14.1 lbs)
Shipping Weight (2 speakers)	16 kg (35.2 lbs)



BES110AS

10" Active Studio Subwoofer Monitor Speaker

Project Studio / Near Field Monitoring / Computer Recording / Home Theater

The BES110AS is a subwoofer speaker of the BES series and is the best match to work with the full range speakers for extending bass response. In a speaker surround sound system, combined with the BES5A or BES6, the BES110A will enhance the bass to very deep and low frequencies in order to achieve a precise wide frequency response monitoring system. Featuring XLR input/output connectors, phase reverse switch, variable low pass filter and volume controls makes the BES110AS an excellent subwoofer to meet the critical demands of studios. No matter whether it is in a stereo or a surround sound system, adding a BES110AS subwoofer to the system will enhance the performance of a studio monitoring system.

- Best for working with BES5A or BES6 full range monitors
- 180 watts advanced power amp
- Low frequency extend to 25 Hz
- Balanced inputs (L/R/SUBWOOFER) with link outputs
- Variable low pass filter from 40 Hz to 120 Hz, 80 Hz at Center Click
- Phase switch for phase alignment

Specifications

Model No.	BES110AS	BES6	BES8
Type	10" active subwoofer studio monitor	6.5" bi-amp two-way speaker	8" bi-amp two-way speaker
Crossover	40-120 Hz (adjustable)	2.3 kHz, 24 dB/oct	2.3 kHz, 24 dB/oct
Frequency Range (-10 dB)	25 Hz-150 Hz	65 Hz-20 kHz	50 Hz-20 kHz
Max. SPL	110 dB SPL	106 dB SPL	106 dB SPL
Magnetic Shielding	N/A	Yes	Yes
Drivers LF/ HF	10" woofer	6.5" woofer, 1" silk dome tweeter	8" woofer, 1" silk dome tweeter
Enclosure Type/ Material	Bassreflex, MDF	Bassreflex, MDF	Bassreflex, MDF
Power Amp LF/ HF	180 W	75 W / 25 W	75 W / 25 W
S/N Ratio	≥ 100 dB	≥ 93 dB	≥ 93 dB
Input Sensitivity, VR @center	XLR3F: +4 dBu	XLR3F & 6.3 mm (1/4"): +4 dBu RCA: -10 dB V	XLR3F & 6.3 mm (1/4"): +4 dBu RCA: -10 dBV
Connectors	3×XLR3F, 3×XLR3M	XLR3F, 6.3 mm (1/4"), RCA	XLR3F, 6.3 mm (1/4"), RCA
Impedance	10 kΩ	10 kΩ	10 kΩ
Controls	Volume control Low pass filter: 40-120 Hz, 80 Hz@center Power switch	Volume control Power switch Mid presence control: -3 dB, 0, +3 dB, +6 dB	Volume control Power switch Mid presence control: -3 dB, 0, +3 dB, +6 dB
Indicators	Power: Green; Overload: Red	Green: Power	Green: Power
Power Consumption	160 W	90 W	90 W
AC Power Requirements (depends on region)	115V / 60 Hz 230V / 50 Hz	115V / 60 Hz 230V / 50 Hz	115V / 60 Hz 230V / 50 Hz
Dimensions (HxWxD)	480 × 330 × 475 mm 18.9 × 13 × 18.7 in.	380 × 250 × 340 mm 14.96 × 9.84 × 13.39 in.	420 × 290 × 380 mm 16.54 × 11.42 × 14.96 in.
Net Weight	27 kg (59.5 lbs)	9 kg (19.8 lbs)	15 kg (33 lbs)

BES6

6.5" , 8" Two-way Active Studio Monitor Speaker

Project Studio / Near Field Monitoring / Computer Recording / Home Theater

BES6 and BES8 are active studio monitors with a MDF enclosure.

Professional Sound Engineers rely on studio monitors to reproduce an accurate sound profile to find bugs and achieve excellent music quality. Superlux crafts the BES6 and BES8 to provide accuracy, detail and high definition in order to meet the requirements of even the most demanding professionals. The BES6 uses a 6.5" woofer and the BES8 an 8" woofer; both employ a 1" silk dome tweeter. They all come with a 100 W in total bi-amp power amplifier plus a precise electronic crossover network. All these features will achieve a reference grade studio monitor performance.

- Advanced bi-amp power amplifier, 75 W for LF and 25 W for HF
- MID presence and overall volume controls
- 1" silk dome tweeter
- Versatile input connectors with XLR3F, 6.3 mm (1/4") and RCA
- Magnetic shielding



Control and connecting panel for both BES6 and BES8



Electronics



HA3D

Portable Headphone Amplifier

Field Recording & Studio

Superlux HA3D is a portable, stereo headphone amplifier designed for demanding and critical audio monitoring. This audiophile-quality headphone amp is ideal for adding headphone feeds for portable, studio, and audio enthusiast applications.

The HA3D provides 3 independent headphone feeds from balanced or unbalanced line sources. Each headphone output is controlled by the associated level control, equipped with independent peak LED, and 1/4-inch output connector. With its extended bandwidth and high current/voltage drive capability the HA3D can drive headphones of various impedances to high levels with very low distortion, important for monitoring in high SPL environments. It can be powered from two-AA batteries or external DC. The HA3D will provide years of superb audio performance under the most demanding field conditions.

- 3 independent headphone outputs with individual volume controls
- Frequency response from 10 Hz to 50 kHz
- ≥ 120 dB dynamic range
- High power driving capability, drives headphones to high levels with very low distortion
- Individual peak indicators show overload of each headphone feed
- Master Stereo / Mono switch
- Powered by 2 AA alkaline batteries or adapter with 5-17V DC output
- Versatile input and output connectors
- Sturdy Aluminum alloy structure

Specifications

Frequency Response	10 Hz-50 kHz, ± 1.0 dB, any input to any output, gain control set to 50%
Voltage Gain	(Gain, Loop Out, Headphone output) Bal. Line, -3 dB, 34 dB; HP Input, -1 dB, 35 dB
Output Clipping Level	+18 dBu minimum with 600 Ω load +16 dBu minimum with 300 Ω load
Headphone Output Impedance	200 Ω
Input Clipping Level	XLR3F: +24 dBu
Dynamic Range	≤ 120 dB (Balanced line inputs)
THD + Noise	0.03% maximum(10 Hz-22 kHz @ +10 dBu input and output level, 300 Ω load, 10 Hz-22 kHz filter bandwidth)
Inputs	XLR3F electronically balanced, 22 k Ω impedance 1/4-inch unbalanced, 9.1 k Ω impedance; 1/8-inch unbalanced, 9.1 k Ω impedance; Note: only one set of inputs (balanced or unbalanced) should be connected at a time
Loop Output	Unbalanced 200 Ω output Impedance
Internal Voltage Rails	± 15 V, regulated
Power Internal	2 AA alkaline batteries, 12 hours life typical driving one 75 Ω headset; external 5-17 VDC via coaxial connector, (5.5 mm outer diameter, 2.1 mm inner diameter), pin positive, sleeve negative. Voltages above 17 VDC cause no damage to unit, but will open an internal poly fuse. Poly fuse will reset when voltage is removed.
Power LED	Green indicates power and good battery; red indicates power with low batteries. LED turns red when approximately 4 hours of battery life remain
Operating Temperature Range	0 $^{\circ}$ -70 $^{\circ}$ C (32 $^{\circ}$ -160 $^{\circ}$ F)
Dimensions (H \times W \times D)	43 \times 94 \times 140 mm (1.69" \times 3.7" \times 5.51")
Net Weight	(unit only) 0.56 kg, 1.24 lbs
Accessories Furnished	1-meter length, tip-ring-sleeve interconnection cable, one end is 1/8" (3.5 mm), the other end is 1/4" (6.3 mm), rubber feet(4 pcs)
Optional Accessories	12V DC / 500 mA power adapter
Packaging	Colorful outer packaging



FMX22D NEW

Battery Microphone Amplifiers / Mixer

Field Recording / Studio

The FMX22D is a 2 channel studio grade microphone mixer designed for remote or field mixing in video, film, broadcast or professional recording applications. The compact and lightweight mixer boasts an impressive feature set starting with 2 transformer balanced XLR microphone inputs and stereo (L/R) XLR outputs. Separate stereo tape output and tape return input are provided, both feature 1/8" (3.5 mm) mini stereo jacks.

The mixer supplies +15V and +48V phantom power and a 1/4" TRS phone/headphone monitor output allows monitoring of main and tape return inputs. Both channels feature user switchable, two-stage limiting for control over signal overload and distortion. The low-cut filter removes low frequency noise caused by wind and proximity effect. Also provided is an internal test tone oscillator and slate microphone for signal calibration. The FMX22D is powered via 2 AA alkaline batteries or external DC power source.

- 2 full function microphone preamps with stereo link
- 48V or 15V phantom power supply
- 2 frequency low cut filters and adjustable limiters
- Independent gain/level control for each input and L/C/R panning controls
- Dual 7-segment peak level LED meter with 3 stage brightness control
- Built-in 1 kHz tone generator plus slate microphone for sound file identification and level matching with recorders/camcorders.
- Balanced and unbalanced line level outputs for connecting with professional and prosumer recording devices
- Tape return monitor input with independent level alignments. A 3-position monitor switch with center position for normal monitoring, and left side to switch on tape return, while the right side is instant release for momentary tape return
- Powerful headphone output for professional headphone monitoring
- Operates with 2 AA batteries as well as external DC power
- Sturdy aluminum alloy case

Specifications

Inputs	2-XLR 3-pin female
Outputs	2-XLR 3-pin male
Monitor/ Headphone Out	1/4" (6.3 mm) TRS Phone output jack
ALT I/O	Tape Out: 1/8" (3.5 mm) unbalanced output jack Tape RTN: 1/8" (3.5 mm) unbalanced input jack
Input Impedance	Transformer-balanced, 2 kΩ
Output Impedance	XLR3M: 120 Ω; Tape (3.5 mm): 2.1 kΩ
Gain	Mic In to Line Out: 66 dB Mic In to Line Out: 56 dB phantom power on Mic In to Tape Out: 56 dB Mic In to Tape Out: 46 dB phantom power on
Hum & Noise	EIN: -126 dBu minimum (150 Ω source, flat weighting, 20 - 20 kHz bandwidth, gain control set at 50%, phantom off)
Frequency Response	20 Hz-30 kHz
THD	0.08% max
Phantom Power	+15V & +48V
Power	2 AA alkaline batteries - 6 hours life typically (phantom off) External 5-17 VDC via coaxial connector, (5.5 mm outer diameter, 2.1 mm inner diameter), pin positive, sleeve negative. Voltages above 17 VDC cause no damage to unit, but will open an internal poly fuse. Poly fuse will reset when voltage is removed.
Operating Temperature Range	00-700 (320-1600)
Dimensions (H x W x D)	43 x 94 x 140 mm (1.69" x 3.7" x 5.51")
Net Weight	0.95 kg (2.1 lbs)
Optional Accessories	12V DC / 500mA power adapter



FMX42D NEW

Field Mixer, 4 Inputs, Battery Power

Field Recording / Studio

The FMX42D is a 4-channel, compact, self-contained stereo mixer for applications in broadcasting, recording and sound reinforcement.

The high-reliability FMX42D integrates all the operating features of a professional stereo mixer in a single unit that is small and lightweight enough for location use, but with the reliability of a studio console.

Operating with 4 AA batteries or external DC power, the FMX42D is designed for field recording or video taping. There are balanced outputs, as well as unbalanced line level or mic level outputs and dual headphones outputs: one with 1/8" (3.5 mm) for popular headphones, and the other with XLR connector for the boom operator. It has tape return for camera audio monitoring to ensure the audio quality. Each input channel has independent gain, low cut filter and pan L/C/R controls. All these features plus dual 10-segment LED meters and tone generator make the FMX42D a perfect choice for professionals.

- Wide and flat frequency response, low distortion, and high level output
- High reliability design for working in difficult temperature and humidity environments
- Protection circuitry will avoid interference from RF and damage from overload or short circuit
- Each mic/line input featuring independent low cut filter and pan control
- +48V phantom power supply
- Built-in reference tone (1 kHz tone oscillator) for level matching and connection test
- Headphone outputs with XLR and 1/8" (3.5 mm) jacks
- Master outputs with XLR jacks
- Aux input, tape return and line level output
- Front panel slate mic with momentary push button for fail safe press-and-release voice slating
- Built-in limiter
- Switchable tape return input (for monitoring to confirm that audio is actually being recorded to tape)
- Powered by 4 AA batteries or external power adapter

Specifications

Input Impedance	2 kΩ, transformer balanced
Output Impedance	600 Ω (Both balanced and unbalanced line level outputs)
Frequency Response	20 Hz to 20 kHz ± 1.5 dB
Distortion	<0.1% (1kHz @ 0dBu output)
Noise	-126 dBu EIN
Overall Gain	66 dB
Output Clipping Level	>22 dBu
Low Cut Filter	100 Hz, 6 dB/oct
Tone Oscillator	1 kHz, ± 5%, <0.2% THD (@ 0 dBu)
Aux Input	Unbalanced line level, input impedance of 47 kΩ, AC coupled, via stereo 1/8" (3.5 mm) jack
Tape Return	Input Impedance 10 kΩ
Headphone Output	Output Impedance 10 Ω
Phantom Power	+48V, 14 mA max.
Battery Power	4 1.5V AA/UM3 alkaline
External Power	9-17 VDC via 2.1 x 5.5 mm coaxial power plug; center positive; input protected against reversed polarity
Dimensions (H x W x D)	38 x 266.5 x 165 mm (1.5" x 10.5" x 6.5")
Net Weight	1.1 kg (2.35 lbs)
Optional Accessories	12V DC / 500 mA power adapter



FM41^{NEW}

Automatic Mixer

Meetings / Teleconferencing / Worship Services / Courtroom Proceedings / Radio and TV Broadcasting and A/V applications

The FM41 is a microprocessor controlled, automatic switching, five-channel mixer. The four microphone inputs are XLR-type balanced, with 48-volt phantom power available on pins 2 and 3. The Aux input is an RCA jack accepting auxiliary-level input from sources such as tape decks and VCRs. There is no signal processing of the Aux input. The mixer output is XLRM-type balanced, non-inverting.

All FM41 auto mixers can be daisy-chained via the link cable and special connectors on the rear panel. The control bus and the audio are carried between mixers by the link cable. The result is that all microphones on a multi-mixer system can be controlled by one microphone connected to any mixer. Since all of the mixers are independently powered, there is no practical limit to the number of auto mixers that can be daisy-chained.

- Four automatic Mic/Line inputs, plus Aux in
- Automatic threshold setting
- 48V phantom power individually selectable for each channel
- Limiters on each mic channel prevent individual channel overload
- Balanced inputs and output, selectable Mic/Line-level
- XLR inputs can be switched between mic and line signals
- Sub-D connector for TTL output, plus closure-control input for external control of each channel
- NOMA operation provided, can be turned on/off
- Daisy-chain capability for additional FMX41s, allowing more mic inputs

Specifications

Input Impedance	Mic: 8 k Ω Line: 50 k Ω	Aux: 50 k Ω Link in: 20 k Ω
Output Impedance	Line (Balanced): 300 Ω Mic (Balanced): 200 Ω Unbalanced: 400 Ω	Link Out: 100 Ω Preamp Out: 750 Ω
Maximum Input Level	Mic: -24 dBV Line: +27 dBV	Aux: +17 dBV
Maximum Output Level	+22 dBu	
Nominal Output Level (0 VU)	Line (Balanced) +4 dBu Mic (Balanced) -46 dBu	
Unbalanced	-10 dBV (open circuit)	
Preamp Out	-10 dBV (open circuit)	
Maximum Monitor Output	700 mW, 20 Ω load	
Maximum Gain	72 dB	
Frequency Response	40 Hz-20 kHz	
Equivalent Input Noise	-127 dBV (150 Ω) at maximum gain	
Input Attenuation	10 dB	
Mic/Line Input Pads	50 dB	
Maximum NOMA Attenuation	20 dB	
Microphone Phantom Power	+48 V	
Control Voltage Out	+4V DC	
Power Requirements	115/230V AC, 50/60 Hz	
Operating Temperature	0 $^{\circ}$ -40 $^{\circ}$ (32 $^{\circ}$ -104 $^{\circ}$)	
Dimensions(H x W x D)	44 x 430 x 327 mm (1.75" x 16.93" x 12.88")	
Net Weight	3.1 kg (6.83 lbs)	
Accessories Furnished	AC power cable, link cable, rack mount adapters, security caps	



E1250^{NEW}

Mixer / Amplifier

Conference / PA / Background Music

The E1250 is an easy to use conferencing/paging mixer amplifier that is suitable for small board rooms, paging, factories, schools, hospitals, stores, and commercial applications. With its integrated mixer, tone controls, voice priority and power amplifier, the E1250 is a multi-functional mixer/amplifier with great value for money.

- 240 W power amplifier
- 3 microphone inputs, 2 aux inputs, 1 aux output
- 100 V and 70 V constant voltage output and low impedance 4 Ω to 16 Ω speaker output
- Auto-mute priority function
- Independent volume control for each channel
- Treble and bass tone controls
- 5-segment LED meter for level monitoring
- Output short circuit protection

Specifications

Output Power	240 W
Output and Load Impedance	100 V / 42 Ω ; 70 V / 21 Ω ; 4 Ω -16 Ω
Output Voltage Regulation	\leq 2 dB
Output	4 Ω -16 Ω low impedance; 70V, 100V constant voltage
Aux Output	1 V (0 dBV)
Input	MIC1-3: 600 Ω , 2.5 mV(-52 dBV), unbal. phone jacks AUX1-2: 10 k Ω , 3.6 mV(-10 dBV), unbal. RCA jacks
Frequency Response	50 Hz-18 kHz (\pm 3 dB)
THD	<0.3% (1,000 Hz, 1/3 fixed output power, aux in)
S/N Ratio	20 Hz-20 kHz, volume control @ center >65 dB (MIC 1-3) >75 dB (Aux 1-2)
Tone Controls	Bass: 100 Hz, \pm 10 dB Treble: 10 kHz, \pm 10 dB
Protection	Overload, short circuit
Mute Function	Mic 1 overrides other inputs by 30 dB
Power Requirements	115/230V AC, 50/60 Hz
Power Consumption	495 W
Dimensions (W x H x D)	420 x 89 x 384 mm (16.54" x 3.5" x 15.12")
Net Weight	12.8 kg (28.2 lbs)



H1500

H2200

H4000

Power Amplifiers

Sound Reinforcement

The H Series amplifiers give you clean, dynamic power with sound quality and reliability that pros depend on. The power supply is the heart of an amplifier, converting raw AC power from the wall to clean DC for the audio circuitry. The H Series uses a powerful high-current toroidal transformer and ample filter capacitance to ensure generous energy reserves. This makes a critical difference in sound quality, allowing the amp to effortlessly punch out high level transients, even when driving a very low impedance. H series amplifiers deliver true studio-quality sound. A full complementary output circuit using the highest-grade linear output devices delivers ultra-low distortion (<0.08% THD) and a ruler-flat frequency response. Its full protection system ensures reliability for the critical demands of professionals. These H series power amplifiers are built for the highest sonic demands and work perfectly with the Superlux line array speaker system.

- Ultra-high quality and reliable design for professionals
- High-current toroidal transformer ensures generous energy reserves and low noise
- Clipping limiter to avoid overload
- Selectable input sensitivity
- XLR balanced input and link output connectors
- Binding post and speakon-type output connectors
- Front volume control for easy level setting
- Signal, limiter and protection indicators for monitoring the performance of power amplifier
- Independent protection circuitry for each channel with DC offset, temperature and limiter

H1500: both channels 400 W

H2200: both channels 900 W

H4000: both channels 2000 W

Specifications

Model No.	H4000	H2200	H1500
Output Power @ each channel			
THD 0.5%, 1 kHz			
4 Ω Load	2000 W	900 W	400 W
8 Ω Load	1250 W	600 W	250 W
8 Ω Bridge	N/A	N/A	800 W
Input Sensitivity	Selectable from 0 dB (0.775 V) / 1.4 V / 26 dB		
Input Impedance	30 k Ω (bal., stereo); 15 k Ω (bal., parallel input)		
Frequency Response	20 Hz-20 kHz (± 0.3 dB)	20 Hz-20 kHz (± 0.3 dB)	20 Hz-20 kHz (± 0.3 dB)
Damping Factor	700	300	300
Slew Rate	>30 V/ μ s	>30V/ μ s	>30V/ μ s
Crosstalk	>90 dB @ 1 kHz	>90 dB @ 1 kHz	>90 dB @ 1 kHz
S/N Ratio	>100 dB	>100 dB	>100 dB
THD+N	<0.08% @ 1 kHz	<0.08% @ 1 kHz	<0.08% @ 1 kHz
Inter-Modulation Distortion	<0.1% @ 1 kHz, 1W	<0.1% @ 1 kHz, 1W	<0.1% @ 1 kHz, 1W
Protection	Power on/off, transistor thermal protection, short circuit and limiter		
Controls	Front Panel: Power on/off, volume control on each channel Rear Panel: Input sensitivity selection, grounding / floating H1500: Bridge / Stereo / Parallel H2200 & H4000: Stereo / Parallel		
Indicators	Power on, protect, clip, signal, parallel / bridge at each channel (bridge indicator only on H1500)		
Connectors	Inputs: XLR; Link out: XLR Speaker Output: speakon-type connector and binding post at each channel		
Dimensions	483 x 132 x 487 mm 19" x 5.2" x 19.2"	483 x 132 x 487 mm 19" x 5.2" x 19.2"	483 x 132 x 407 mm 19" x 5.2" x 16"
Net Weight	37.6 kg (82.8 lbs)	31.5 kg (69.4 lbs)	28.6 kg (63 lbs)
Gross Weight	38.6 kg (85 lbs)	32.5 kg (71.6 lbs)	29.6 kg (65.2 lbs)



Personal Audio

Headphones, USB Products, Microphones

USB Products Headphones



D303UT NEW

USB Dynamic Microphone

Computer Gaming / Podcasting / Recording

This USB/Professional balanced analog dynamic cardioid vocal microphone includes a headphone output and an analog line output. The package includes a HD381B in-ear monitor headphone, 1.5-meter USB cable and a table stand. The D303UT can be used as a standard analog microphone or a USB microphone through direct input to the USB port of a computer.

For more specifications,
please refer to USB category page 22

E203UT NEW

USB Condenser Microphone

Computer Gaming / Podcasting / Recording

This USB/Professional balanced analog condenser cardioid vocal microphone includes a headphone output and an analog line output. The package contains an HD381B in-ear monitor headphone, 1.5-meter USB cable and a table stand. This E203UT can be used as a standard analog microphone or a USB microphone through direct input to the USB port of a computer.

For more specifications,
please refer to USB category page 22.



E30AU NEW

USB Condenser Microphone

Internet Chatting / Podcasting / Recording

The E30AU is designed for recording music, podcasts, or field recording, but its range of functionality also makes it more useful than a typical USB microphone. It's perfect for internet chatting, voice recognition software, web casting and even VoIP. The E30AU can be hung on the top of a LCD monitor or put on a table, and it is also a fantastic device for recording on the go.

For more specifications,
please refer to USB category page 21

U01 NEW

USB converter

Computer Gaming / Web Chattering

The U01 is a plug-and-play USB converter and is compatible with Mac OS or Windows, allowing you to adapt your analog microphone and headphone to your computer for enhancing the sound performance while computer gaming or listening to music. Featuring microphone input, headphone output, microphone mute button and volume control, the U01 is a perfect tool for your computer entertainment and conversations without needing a software driver.

For more specifications,
please refer to USB category page 23.

E302

Mini Test Microphone Home Theater / Computer

The E302 is an omni-directional measurement condenser microphone with flat response that is specially designed for home theater speaker alignment setting. Featuring an integrated cable with 3.5 mm stereo plug, the E302 is suitable for popular plug-in power mic inputs to a computer.

For more specifications,
please refer to Measurement
Microphone category page 79.



HD651 NEW

Circumaural Closed-back Headphones

Music Appreciation / Entertainment

The HD651 presents accurate and rich bass, and excellent vocal sound. These closed-back headphones combine excellent sound with optimum price/performance and are the most practical choice for a music lover or artist. The patented self-adjusting headpad construction, soft, circumaural leatherette ear pads, and low weight ensure a perfect fit. HD651 comes in multicolor options and allows you to select your favorite color to match your mood.

For more specifications, please refer to Headphone category page 124.



HMC651 NEW

Multi-Media Headset

Computer Gaming / Network Meeting

The HMC651 combines both the HD651 stereo headphones with a high quality condenser microphone, ensuring the capture of clear vocals. The patented self-adjusting headpad construction, automatically self-adjusting ear cup structure, soft, circumaural leatherette ear pads, and low weight ensure a perfect fit. Available multiple color options makes the HMC651 a perfect choice for computer gaming and internet chatting.

For more specifications, please refer to Headphone category page 129.



HD551 NEW

Music Appreciation Headphones

MP3 / Portable Player / Music Cell Phone

The HD551 series of supra-aural closed-back headphones feature highly efficient drivers, excellent sensitivity, and an ability to handle up to 102 dB SPL. It will accurately present your music with little or no interference from ambient noise in the environment. The HD551 series headphones offer 3 distinctive sound profiles, each with its own character: The HD551 features an exceptionally deep low frequency, the HD551F presents a flat extended frequency response, and the HD551B has an excellent balanced character with a powerful bass punch. These three headphones deliver excellent balance and clarity.

For more specifications, please refer to Headphone category page 125.



HD440

Booming Bass Headphones

Entertainment & Computer Gaming

The HD440 features a booming bass and crystal-clear high frequency. It's great for most kinds of music and exceptional for computer gaming. The included self-adjusting headband and optimized headband pressure offer a truly comfortable fit for long-term use. The included sturdy plastic storage box ensures secure protection during transportation.

For more specifications, please refer to Headphone category page 126.



HD391NC NEW

Noise-Cancelling In-Ear Headphones

High Noise Environments / Music Appreciation

The HD391NC in-ear headphones are the answer to being able to hear in a noisy environment. It utilizes a noise-cancelling technology which can greatly reduce unwanted background noise while still offering a clear, rich sound. A quiet and peaceful environment is created by the HD391NC for you to enjoy your music or other audio input.

For more specifications, please refer to Headphone category page 128.



HD386 Series NEW

In-Ear Headphones

Music Appreciation / Entertainment / MP3

Superlux has created the HD386 in-ear headphones to offer the user an enjoyable experience in listening to beautiful music while walking or exercising. The HD386 delivers a natural and excellently balanced sound, presenting a crystal clarity and high resolution. All these combined with a beautiful shape and multiple color selection makes the HD386 an ideal portable in-ear headphone choice.

For more specifications, please refer to Headphone category page 126.



HD381 Series

In-ear Headphones

Music Appreciation / In-Ear Monitor

The HD381 series headphones feature a comfortable, personalized fit with superior noise isolation and offer 3 distinctive sound profiles, each with its own character: The HD381 features a rich bass and boosted low end; the HD381F has a flat extended frequency response suitable for most kinds of music and delivers a sweet vocal sound; the HD381B has a crystal-clear sound quality that faithfully reproduces every detail, while also providing a deep and tight bass.

For more specifications, please refer to Headphone category page 127.



HD251V NEW

Stereo Hi-Fi Earphones

Music Appreciation / Entertainment / MP3

The HD251 has an integrated volume control on the cable allowing you to adjust the level without taking out your music player. With its ergonomic shape design, the HD251V is optimized for MP3, CD, music phones, and portable media players. Put on the HD251V and enjoy your music while you are working, walking, or relaxing at home.

For more specifications, please refer to Headphone category page 128.

Microphones



E421B NEW

Pro Shotgun with Battery Box for Camcorder

Camera / Flash Recorder /Digital Recording

"I want better sound quality," is commonly heard when people finish making a video. If you are not satisfied by the microphone capture quality of your camcorder, then the E421B is the solution. The E421B is comprised of 2 parts: a microphone and a battery box. The microphone can be connected directly with any "plug-in power" recording devices. For those devices with plug-in power, the microphone will be powered by the battery box with 4 AA alkaline batteries. A low cut filter is provided with the battery box for cutting out unwanted wind or handling noise. A 5-meter extension cable is included for setting the microphone away from the camcorder/recorder and close to the speakers or performers for capturing good sound.

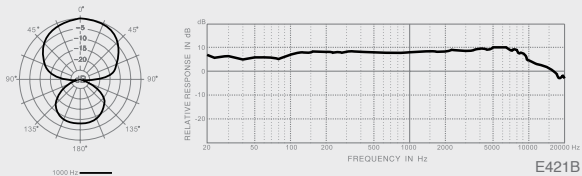
A simple rule for successful audio recording is -- the closer the microphone, the less problem.

- Professional grade acoustic interference tube
- High sensitivity condenser capsule
- Rugged and light-weight ABS construction
- Integrated and adjustable shock mount to reduce handling noise
- Integral camera cold shoe mount
- 2-part design allows the microphone to connect directly to "plug-in power" recording devices
- Supplied additional 5-meter cable for boom pole mount
- 4 AA batteries for easier field replacement
- Low cut filter on battery box for cutting unwanted wind noise
- Red cap to attract people's attention, encouraging them to speak into it

Specifications



Type	Back electret, Ø9.7 mm (Ø0.39")
Polar Pattern	Shotgun
Frequency Response	20-20,000 Hz
Low Frequency Filter	80 Hz, 12 dB/oct @ battery box
Sensitivity	-34 dBV/Pa (20 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	74 dB
Equivalent Output Noise	20 dB
Max. SPL	134 dB SPL
Dynamic Range	114 dB
Power Requirements	6V DC, 4 AA/UM3 battery, 6.7 mA
Finish	Black
Connector	3.5 mm (1/8") stereo mini plug
Dimensions	Microphone: Ø20×205 mm (Ø0.79"×8.08") Battery with shock mount: 120.2 × 77.7 × 70 mm (4.74" × 3.06" × 2.76")
Net Weight	Microphone: 30 g (1.1 oz) Mic + battery box + 4 AA battery + cable: 219 g (7.7 oz)
Furnished Accessories	PS4 battery box, 4 AA alkaline batteries, shock mount, 15 cm (0.5 ft.) cable 5-meter (16.4 ft.) cable, S32 windscreen
Optional Accessories	HM6 table stand
Packaging	Colorful outer packaging



E421B



E401B NEW

Shotgun for Camcorder

Camcorder / Flash Recorder / DV / MD / DAT

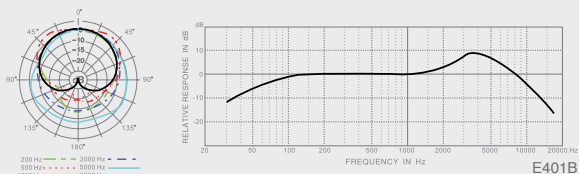
The E401B is a compact shotgun for smaller camcorders.

The E401B incorporates a low cut filter to cut down wind noise and includes a wind screen that provides extra protection against wind. Just one AA alkaline battery powers the E401B for hundreds of operating hours. The E401B is the right choice for your personal camcorder.

- Compact shotgun microphone with highly directional and high resolution recording
- Powered by one AA battery
- Low cut filter to reduce wind noise
- High-sensitivity condenser capsule
- Flat on-axis response

Specifications

Type	Back electret, Ø9.7 mm (Ø0.39")
Polar Pattern	Shotgun
Frequency Response	50-18,000 Hz
Low Frequency Filter	80 Hz, 12 dB/oct
Sensitivity	-40 dBV/Pa (10 mV)
Output Impedance	1,000 Ω
Min. Load Impedance	2,000 Ω
S/N Ratio	72 dB
Equivalent Output Noise	22 dB
Max. SPL	136 dB SPL
Dynamic Range	114 dB
Power Requirements	1.5V AA/UM3 battery, 4 mA
Finish	Black
Connector	3.5 mm (1/8") stereo mini plug, 1.5-meter cable
Dimensions	Ø29 x 167 mm (Ø1.14" x 6.59")
Net Weight	140 g (4.9 oz)
Furnished Accessories	HM29B mic clip YA2 threaded adapter Table stand Windscreen 1.5V AA alkaline battery
Optional Accessories	HM35C camera microphone shock mount
Packaging	Colorful outer packaging



E531B

MS Stereo Microphone

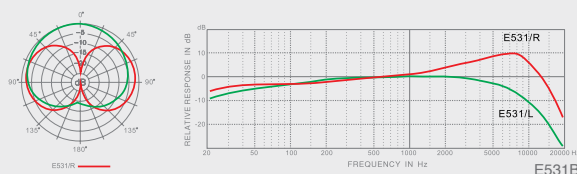
Flash Recording / Camcorder / Live Recording

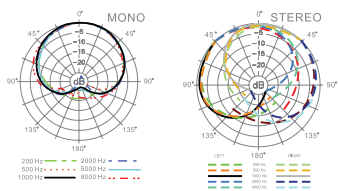
The E531B with stereo capsules in a MS setup arrangement makes it easy to record in stereo and get a realistic, spacious sound capture at a live event. It can also be switched between its 90° and 120° setting to control stereo image width. Choose the 90° setting for instrument solos and speech to get a clear and focused sound image when the sound source occupies a narrow space. The 120° setting is a good choice for a band, choir, and large stage performances which occupy a wider space.

- Easy to use MS stereo recording
- MS stereo electret condenser capsules arrangement
- Switchable between 90° and 120° stereo width
- Power switch and low batter power LED indicator
- Permanent attached cable with stereo 1/4" (3.5 mm) angle plug
- Powered by one AAA battery

Specifications

Type	Back electret, Ø9.7 mm (Ø0.39")
Polar Pattern	Cardioid + figure 8
Frequency Response	100-15,000 Hz
Sensitivity	-45 dBV/Pa (5.6 mV)
Output Impedance	1,000 Ω
Min. Load Impedance	2,000 Ω
S/N Ratio	69 dB
Equivalent Output Noise	25 dB
Max. SPL	110 dB SPL
Dynamic Range	85 dB
Power Requirements	1.5V AA/UM3 battery, 4 mA
Finish	Black
Connector	3.5 mm (1/8") stereo mini plug, 1.5-meter cable
Dimensions	29 x 126.5 x 29 mm (1.14" x 4.98" x 1.14")
Net Weight	110 g (3.9 oz)
Furnished Accessories	HM29B mic clip YA2 threaded adapter Table stand S07 windscreen 1.5V AA alkaline battery
Optional Accessories	HM35C camera microphone shock mount
Packaging	Colorful outer packaging






E532B ^{NEW}

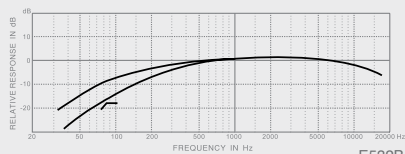
XY Stereo Microphone

Flash Recording / Camcorder / Live Recording

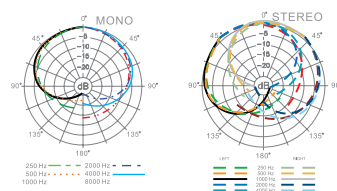
The E532B with stereo capsules in a XY setup arrangement makes it easy to record in stereo and get a realistic, spacious sound capture at a live event. Working very well with a camcorder or a flash recorder, the E532B has an integrated 1.5-meter cable with a 1/8" mini stereo plug, allowing placement of the microphone closer to performers to increase recording quality. The switchable low cut filter will reduce wind noise and stage rumbling. It is powered by one AA alkaline battery that can last for hundreds of hours of use.

- Matched pair, XY arrangement capsules
- Designed for popular camcorders and palm size flash recorders
- Switchable low cut filter to reduce wind noise and stage rumble
- Powered by one AA battery and has a built-in low power indicator

Specifications			
Type	Back electret, Ø9.7 mm (Ø0.39")		
Polar Pattern	Cardioid + Cardioid		
Frequency Response	40-18,000 Hz		
Low Frequency Filter	80 Hz, 12 dB/oct, internal		
Sensitivity	-40 dBV/Pa (10 mV)		
Output Impedance	1,000 Ω		
Min. Load Impedance	2,000 Ω		
S/N Ratio	69 dB		
Equivalent Output Noise	25 dB		
Max. SPL	110 dB SPL		
Dynamic Range	85 dB		
Power Requirements	1.5V AA/UM3 battery, 4 mA		
Finish	Black		
Connector	3.5 mm (1/8") stereo mini plug, 1.5-meter cable		
Dimensions	29x131x29 mm (1.14" x5.16"x1.14")		
Net Weight	110 g (3.9 oz)		
Furnished Accessories	HM29B mic clip YA2 threaded adapter Table stand S07 windscreen 1.5V AA alkaline battery		
Optional Accessories	HM35C camera microphone shock mount		
Packaging	Colorful outer packaging		



E532B




E522B

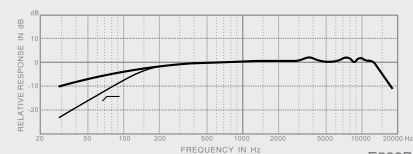
XY Stereo Microphone

Broadcast / TV / Amateur Recording / Flash Recording

The E522B with stereo capsules in a XY setup arrangement makes it easy to record in stereo and get a realistic, spacious sound capture at a live event. Working very well with a camcorder or a flash recorder, the microphone comes with a cable with 1/8" mini stereo plug, allowing users to place the microphone closer to performers to increase recording quality. Its switchable low cut filter will reduce wind noise and stage rumbling. It is powered by one AA alkaline battery that can last for hundreds of hours of use.

- Matched pair, XY arrangement capsules
- On/off switch with locking plate
- Internal low cut switch for reducing wind noise and stage rumbling
- Stereo unbalanced output
- Powered by an AA battery and built-in low power indicator

Specifications			
Type	Back electret, Ø9.7 mm (Ø0.39")		
Polar Pattern	Cardioid + Cardioid		
Frequency Response	30-20,000 Hz		
Low Frequency Filter	150 Hz, internal		
Sensitivity	-47 dBV/Pa (4.4 mV)		
Output Impedance	200 Ω		
Min. Load Impedance	1,000 Ω		
S/N Ratio	70 dB		
Equivalent Output Noise	24 dB		
Max. SPL	126 dB SPL		
Dynamic Range	102 dB		
Power Requirements	1.5V AA/UM3 battery, 2 mA		
Finish	Black		
Connector	XLR3M		
Dimensions	Grille net: 64 x 38 mm, Ø23.5 x 218 mm (2.52" x 1.5", Ø0.93" x 8.59")		
Net Weight	310 g (10.9 oz)		
Furnished Accessories	3-meter XLR3F~3.5 mm mini stereo plug 0.5-meter XLR3F~3.5 mm mini stereo plug HM38S clip with screw knob YA2 threaded adapter Nylon bag 1.5V AA alkaline battery		
Optional Accessories	HM40C camera microphone shock mount S50 windscreen		
Packaging	Colorful outer packaging		



E522B



Table stand is optional

D106

Dynamic Microphone for Net Meetings

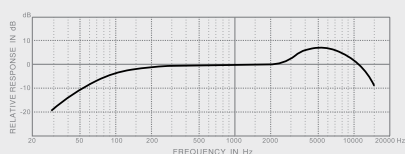
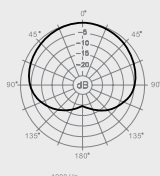
Students / Net Meetings

The D106 is a very affordable cardioid microphone for net meetings and general applications. Accompanied by a 3.5 mm plug and 3.5 mm to 6.3 mm adapter, the D106 is also a convenient choice for the Superlux MA818 portable mini-PA.

- Tailored response for reproducing clear vocal sound
- Cardioid directivity for high gain before feedback
- On/off switch
- A convenient choice for MA818
- Includes 3.5 mm to 6.3 mm (1/8" to 1/4") adapter

Specifications

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	70-12,000 Hz
Sensitivity	-53 dBV/Pa (2.2 mV)
Output Impedance	500 Ω
Min. Load Impedance	500 Ω
Max. SPL	135 dB SPL
Finish	Black
Connector	3.5 mm (1/8") mono plug, 3-meter cable
Dimensions	$\varnothing 54 \times 208$ mm ($\varnothing 2.13" \times 8.19"$)
Net Weight	265 g (9.3 oz)
Furnished Accessories	HM42A mic clip YA2 threaded adapter 1/8" to 1/4" adapter
Optional Accessories	DS106 table stand
Packaging	White box



D106



D10A

Dynamic Microphone

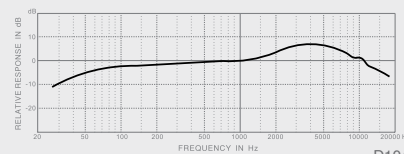
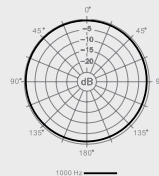
General Purpose / Net Meetings

The D10A is a light weight omnidirectional microphone with a comfortable feel without handling noise or the proximity effect. Features such as an integrated belt clip and 1.5-meter cable with anti-tensile structure make the D10A a perfect microphone for home recordings, small meetings and net meetings as well as general PA applications. The D10A is a convenient choice for use with the Superlux MA818 portable mini-PA and MA500 personal voice enhancer.

- 1/8" (3.5 mm) mini plug, suitable for computer-type audio input
- Omnidirectional directivity without handling noise or proximity effect
- Belt clip for easy storage when not in use
- Optional DS106 table stand for use in net meetings
- A good match for the MA500 personal voice enhancer and also works well with the MA818 portable mini-PA
- 1.5-meter cable with 3.5 mm stereo mini plug, wired as mono

Specifications

Type	Dynamic
Polar Pattern	Omnidirectional
Frequency Response	85-12,500 Hz
Sensitivity	-55 dBV/Pa (1.8 mV)
Output Impedance	200 Ω
Min. Load Impedance	200 Ω
Max. SPL	135 dB SPL
Finish	Black
Connector	3.5 mm (1/8") stereo mini plug, 1.5-meter cable
Dimensions	$\varnothing 36 \times 137$ mm ($\varnothing 1.42" \times 5.4"$)
Net Weight	95 g (3.4 oz)
Furnished Accessories	Clip
Optional Accessories	DS106 table stand
Packaging	White box



D10A



EM210



Miniature Lavalier Microphone

Teacher / Mobile Retail Stands / Compact PA System

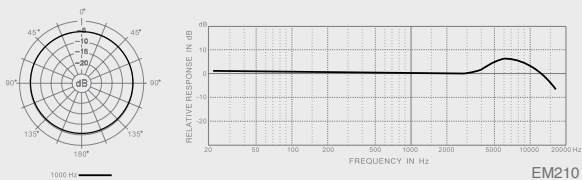
Accompanied by a PS210 battery power adapter, a 3-meter cable, and a tie clip, the EM210 is a miniature omnidirectional microphone. The EM210 is a convenient choice for the Superlux MA500 personal voice enhancer and MA818 portable mini-PA. When used with the MA500 or MA818, the integrated cable is only 1.5 meters long.

- Miniature lavalier microphone with tip clip
- Powered by one AA 1.5V battery
- Provides clear vocal sound
- Includes windscreen for reducing wind noise
- Integrated 3-meter cable with mini plug
- A good choice for the MA500 personal voice enhancer and the MA818 portable mini-PA

Specifications

Type	Back electret, Ø9.7 mm (Ø0.39")
Polar Pattern	Omni
Frequency Response	30-18,000 Hz
Sensitivity	-46 dBV/Pa (5 mV)
Output Impedance	1,000 Ω
Min. Load Impedance	2,000 Ω
Max. SPL	110 dB SPL
Power Requirements	1.5V-6V DC
Finish	Black
Connector	3.5 mm (1/8") mono plug, 3-meter cable
Dimensions	Ø13.5 × 20.5 mm (Ø0.53" × 0.81")
Net Weight	25 g (0.9 oz)
Furnished Accessories	Necktie clip PS210 battery power adapter (6.3 mm / 1/4" phone plug) 1.5V AA alkaline battery
Packaging	Colorful outer packaging





E105

Headworn Cardioid Microphone

Sports / Interview / Drama

The E105 is a condenser headworn miniature microphone designed for close-up applications, always keeping the same distance between the mic and the sound source. Its cardioid directivity ensures high gain before feedback. The improved cable arrangement, flexible headband, and hidden comfortable outline make it perfect for long-term wear. It is suitable for sports, the gym, interviews, dramas, speech, and small PAs. The E105 is a convenient choice for the MA500 personal voice enhancer and the MA818 personal mini-PA.





- Strong and flexible gooseneck make it easy to position the capsule
- Flexible steel headband for comfortable use
- Includes windscreen for reducing popping noise
- A convenient choice for the MA500 personal voice enhancer and the MA818 portable mini-PA

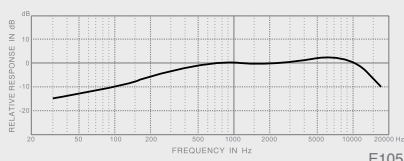
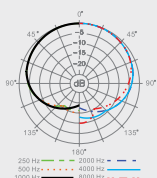
E105 1/8" (3.5 mm) stereo mini plug

E105TQG TA4F connector, for working with wireless body pack transmitters

E105XLR TA3F connector, includes PS418S preamp (powered by phantom)

E105DXLR TA3F connector, includes PS418D preamp (powered by battery or phantom)

Specifications				
Model NO.	E105	E105TQG	E105XLR	E105DXLR
Type	Back electret, Ø6 mm (Ø0.24")	Back electret, Ø6 mm (Ø0.24")	Back electret, Ø6 mm (Ø0.24")	Back electret, Ø6 mm (Ø0.24")
Polar Pattern	Cardioid	Cardioid	Cardioid	Cardioid
Frequency Response	80-18,000 Hz	80-18,000 Hz	80-18,000 Hz	80-18,000 Hz
Low Frequency Filter	NA	NA	NA	80 Hz, 12 dB/oct (@PS418D)
Sensitivity	-46 dBV/Pa (5 mV)	-35 dBV/Pa (17.8 mV)	Phantom: -46 dBV/Pa (5 mV)	Phantom: -46 dBV/Pa (5 mV) Battery: -50 dBV/Pa (3.2 mV)
Output Impedance	200 Ω	200 Ω	Phantom: 200 Ω	Phantom: 200 Ω Battery: 600 Ω
Min. Load Impedance	1,000 Ω	1,000 Ω	Phantom: 1,000 Ω	Phantom: 1,000 Ω Battery: 2,000 Ω
S/N Ratio	NA	NA	71 dB	71 dB
Equivalent Output Noise	NA	NA	23 dB	23 dB
Max. SPL	NA	NA	139 dB SPL	Phantom: 139 dB SPL Battery: 129 dB SPL
Dynamic Range	NA	NA	116 dB	Phantom: 116 dB Battery: 105 dB
Power Requirements	1.5-9V DC	1.5-9V DC	Phantom: 12-52V DC, 3.5 mA	Phantom: 12-52V DC, 3.5 mA Battery: 1.5V AA/UM3 alkaline battery
Finish	Black	Black	Black	Black
Connector	3.5 mm stereo mini plug, 1.5-meter cable	TA4F, 1.5-meter cable	TA3F, 1.5-meter cable	TA3F, 1.5-meter cable
Dimensions	Width: 166 mm (6.5") Gooseneck: 100 mm (3.94") Microphone: Ø8.2 mm (Ø0.32")	Width: 166 mm (6.5") Gooseneck: 100 mm (3.94") Microphone: Ø8.2 mm (Ø0.32")	Width: 166 mm (6.5") Gooseneck: 100 mm (3.94") Microphone: Ø8.2 mm (Ø0.32") PS418S: Ø21 × 106 mm (Ø0.83" × 4.18")	Width: 166 mm (6.5") Gooseneck: 100 mm (3.94") Microphone: Ø8.2 mm (Ø0.32") PS418D: H × W × D 84 × 63 × 22.5 mm (3.3" × 2.48" × 0.89")
Net Weight	Microphone: 30 g (1.05 oz)	Microphone: 30 g (1.05 oz)	Microphone: 30 g (1.05 oz) PS418S: 118 g (4.2 oz)	Microphone: 30 g (1.05 oz) PS418D: 245 g (8.6 oz)
Furnished Accessories	S23 windscreen	S23 windscreen	S23 windscreen PS418S preamplifier	S23 windscreen PS418D preamplifier (phantom or battery) 1.5V AA alkaline battery
Packaging	White box	White box	White box	White box



E105



E108

Headworn Bi-Directional Microphone

Sport / Interview / Drama

The E108 is a miniature headworn condenser microphone that is designed for close-up applications, always keeping the same distance between the mic and the sound source. Its figure-8 directivity ensures satisfactory operation in a noisy environment and has high gain before feedback. The improved cable arrangement, flexible headband, and hidden comfortable outline make it perfect for long-term use. It is suitable for sports, the gym, interviews, dramas, speeches, and small PAs. The E108 is a convenient choice for the MA500 personal voice enhancer and the MA818 personal mini-PA.





- Good rejection of surrounding sound
- Strong and flexible gooseneck make it easy to position the capsule
- Flexible steel headband offering comfortable wearing
- Included windscreen for reducing pop noise
- 1/8" (3.5 mm) stereo plug, wired as mono
- A convenient choice for MA500 personal voice enhancer and MA818 portable mini-PA

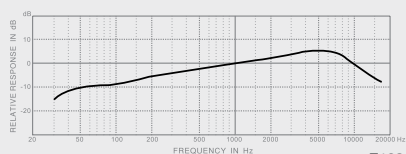
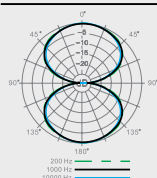
E108 1/8" (3.5 mm) stereo mini plug

E108TQG TA4F connector, for working with a wireless body-pack transmitter

E108XLR TA3F connector, including the PS418S preamp (powered by phantom)

E108DXLR TA3F connector, including the PS418D preamp (powered by battery or phantom)

Specifications				
Model No.	E108	E108TQG	E108XLR	E108DXLR
Type	Back electret, Ø6 mm (Ø0.24")	Back electret, Ø6 mm (Ø0.24")	Back electret, Ø6 mm (Ø0.24")	Back electret, Ø6 mm (Ø0.24")
Polar Pattern	Figure 8	Figure 8	Figure 8	Figure 8
Frequency Response	80-18,000 Hz	80-18,000 Hz	80-18,000 Hz	80-18,000 Hz
Low Frequency Filter	NA	NA	NA	80 Hz, 12 dB/oct (@PS418D)
Sensitivity	46 dBV/Pa (5 mV)	-33 dBV/Pa (22.4 mV)	Phantom: -46 dBV/Pa (5 mV)	Phantom: -46 dBV/Pa (5 mV) Battery: -50 dBV/Pa (3.2 mV)
Output Impedance	200 Ω	200 Ω	Phantom: 200 Ω	Phantom: 200 Ω Battery: 600 Ω
Min. Load Impedance	1,000 Ω	1,000 Ω	Phantom: 1,000 Ω	Phantom: 1,000 Ω Battery: 2,000 Ω
S/N Ratio	NA	NA	71 dB	71 dB
Equivalent Output Noise	NA	NA	23 dB	23 dB
Max. SPL	NA	NA	137 dB SPL	Phantom: 137 dB SPL Battery: 127 dB SPL
Dynamic Range	NA	NA	114 dB	Phantom: 114 dB Battery: 104 dB
Power Requirements	1.5-9V DC	1.5-9V DC	Phantom: 12-52V DC, 3.5 mA	Phantom: 12-52V DC, 3.5 mA Battery: 1.5V AA/UM3
Finish	Black	Black	Black	Black
Connector	3.5 mm stereo mini plug, 1.5-meter cable	TA4F, 1.5-meter cable	TA3F, 1.5-meter cable	TA3F, 1.5-meter cable
Dimensions	Width: 166 mm (6.5") Gooseneck: 100 mm (3.94") Microphone: Ø8.2 mm (Ø0.32")	Width: 166 mm (6.5") Gooseneck: 100 mm (3.94") Microphone: Ø8.2 mm (Ø0.32")	Width: 166 mm (6.5") Gooseneck: 100 mm (3.94") Microphone: Ø 8.2 mm (Ø 0.32") PS418S: Ø21 × 106 mm (Ø0.83" × 4.18")	Width: 166 mm (6.5") Gooseneck: 100 mm (3.94") Microphone: Ø8.2 mm (Ø0.32") PS418D: H × W × D 84 × 63 × 22.5 mm (3.3" × 2.48" × 0.89")
Net Weight	Microphone: 30 g (1.05 oz)	Microphone: 30 g (1.05 oz)	Microphone: 30 g (1.05 oz) PS418S: 118 g (4.2 oz)	Microphone: 30 g (1.05 oz) PS418D: 245 g (8.6 oz)
Furnished Accessories	S23 windscreen	S23 windscreen	S23 windscreen PS418S preamplifier	S23 windscreen PS418D preamplifier (phantom or battery) 1.5V AA alkaline battery
Packaging	White box	White box	White box	White box



E108

Portable mini-PAs



MA818

Portable Mini-PA

Tour Guide / School Teacher /Presenter

The MA818 is a light weight portable PA with a rechargeable battery and can work with a variety of microphones for convenient speaking and music reinforcement. It comes with a shoulder strap for voice-on-the-move and is a convenient PA tool for school, church, presentations, and tour guides. There is a 5/8" threaded socket at the bottom for mounting the MA818 onto a microphone stand.

- Light weight and portable, allowing easy handling, hanging on the shoulder, or placing on a mic stand or table
- 4-hours charge can give 8 hours of continuous use
- 1/8" (3.5 mm) stereo mini connector can accept MP3 players or other audio sources
- Power saving circuitry design
- Highly intelligible voice and convenient PA tool
- Battery or AC power
- Can reach an audience of 200

Specifications

Max. Output Power	27 W / 4Ω (external power supply)
Frequency Response	50 Hz~18,000 Hz
THD	< 1%
Battery	12 V 2.7AH rechargeable battery pack
Driver	5" high efficient driver
Audio Inputs	6.3 mm (1/4") phone jack for microphone (8VDC supplied); 3.5 mm (1/8") stereo mini jack for line source
Power Requirements	Internal 12 V/2.7 AH recharging battery
Recharging Time	4 hours charging, 8 hours operation
Dimensions	285 × 160 × 178 mm (11.2" × 6.3" × 7")
Net Weight	3 kg (6.6 lbs)
Furnished Accessories	Switching power supply (Input 100-240VAC, Output DC 18V/3A)
Packaging	Canvas shoulder bag, paper outer packaging



MA818/535NC/P

PTT NC Pack

The MA818 is packed with a PRA535NC / P PTT microphone for best background noise rejection.

MA818/105

Headworn Cardioid

The MA818 is packaged with an E105 headworn cardioid microphone for hands-free operation. It is perfect for smaller, quiet spaces with warmer sound.

Accessories Furnished:
3.5 mm to 6.3 mm adapter



MA818/108

Headworn Figure 8

The MA818 is packaged with an E108 headworn figure-8 microphone for hands-free operation and background noise rejection.

Accessories Furnished:
3.5 mm to 6.3 mm adapter

MA818/210

Omnidirectional Lavalier Pack

The MA818 is packaged with an EM210 lavalier microphone integrated 1.5-meter cable. EM210 features an omnidirectional polar pattern and provides a clear vocal sound.

Accessories Furnished:
3.5 mm to 6.3 mm adapter

MA818/10A

Handheld Pack

The MA818 is packaged with a D10A omni microphone with no proximity effect and tuned frequency response for good intelligibility.

Accessories Furnished:
3.5 mm to 6.3 mm adapter

MA818/106

Handheld Pack

The MA818 is packaged with a D106 handheld cardioid microphone and matched with an HM42A mic clip. In a smaller and quiet space, this popular style microphone with minor proximity effect meets expectations.

Optional Accessories:
DS106 table stand



MA500

Personal Voice Enhancer

School Teacher / Mobile Retail Stand / Tour Guide

MA500 is a light weight personal voice enhancer and can work with a variety of microphones for convenient speaking reinforcement. This very light-weight portable PA can be strapped to the waist as a belt pack. It can be powered by 6 AA alkaline batteries or rechargeable batteries. Featuring a highly efficient 2.5" driver driven by a 5-watt amplifier, it is specially designed for teachers and mobile retail stands.

- Light weight and can be strapped to waist
- Mic and line inputs
- Volume and power switch control
- 1/8" (3.5 mm) stereo mini connector can accept MP3 player or other audio sources
- Powered by six AA alkaline batteries (not included) that provide up to 8 hours of operation
- Included charging circuitry
- Optional DC power adapter is available

Specifications

Max. Output Power	5 W / 4Ω
Audio Inputs	2 3.5 mm(1/8") stereo mini jack, one for microphone and the other for line source
Power Requirements	6 1.5V AA alkaline batteries
Recharging Circuitry	MA500 can be used as a charger, the rechargeable battery should be Ni-MH or Ni-CD and its capacity should be lower than 1300 mA. Recharging time is around 10 to 15 hours.
Battery Life	6 AA alkaline batteries, 8 hours continuous operation
Drivers	2.5"
Net Weight	320 g (11.3 oz)
Optional Accessories	Power supply 12V DC / 300 mA
Packaging	Colorful outer packaging



MA500/105

Headworn Cardioid

The MA500 is packaged with an E105 headworn cardioid microphone for hands-free operation. It's suited to smaller, quiet spaces with warmer sound.



MA500/108

Headworn Figure 8

The MA500 is packed with an E108 headworn figure 8 microphone for hands-free operation and background noise rejection.



MA500/210

Omnidirectional Lavalier Pack

The MA500 is packaged with an EM210 lavalier microphone integrated 1.5-meter cable. EM210 features an omnidirectional polar pattern and provides a clear vocal sound.



MA500/10A

Handheld Pack

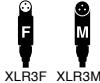
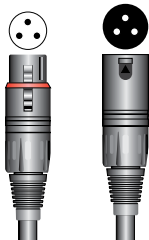
MA500 is packaged with a D10A omnidirectional microphone with no proximity effect and tuned frequency response for good intelligibility.



Cables Stands, Mounts and Racks

ECO Series

	CFM Balanced Signal Cable	CFI Instrument Signal Cable
Conduct Area	AWG#26, 0.13 mm ²	AWG#26, 0.13 mm ²
Composition of Conductor	10 × 0.12 mm bare copper + 2 × 1# (0.23 mm) copper foil and wire	10 × 0.12 mm bare copper + 2 × 1# (0.23 mm) copper foil and wire
Conductor Isolation	PE	PE
Composition of Cores	2 cores twisted	1 core
Pair Screen/Screen	Spiral wound Aluminum foil	spiral wound Aluminum foil
Overall Jacket	PVC black	PVC black
Overall Diameter	6 ± 0.2 mm	6 ± 0.2 mm
Weight	45 g/m	45 g/m
Working Temperature: mobile	-15℃ ~ +90℃	-15℃ ~ +90℃
Working Temperature: fixed	-20℃ ~ +90℃	-20℃ ~ +90℃
Conductor Resistance (Ω/km)	140 Ω	140 Ω
Capacity (cond./cond.)	35 pF/m	35 pF/m
Capacity (cond./screen)	80 pF/m	80 pF/m
Test Voltage	400 V	400 V



Balanced Signal Cable

Conduct Area: AWG#26, 0.13 mm²
Composition of Conductor: 10 × 0.12 mm bare copper + 2 × 1# (0.23 mm) copper foil and wire
Screen: Spiral wound aluminum foil

Instrument Signal Cable

Conduct Area: AWG#26, 0.13 mm²
Composition of Conductor: 10 × 0.12 mm bare copper + 2 × 1# (0.23 mm) copper foil and wire
Screen: Spiral wound aluminum foil

XLR3F~XLR3M	
Model No.	Length
CFM0.5FM	0.5 M
CFM1FM	1 M
CFM2.5FM	2.5 M
CFM5.0FM	5 M
CFM7.5FM	7.5 M
CFM10FM	10 M



Dual Straight 6.3 mm (1/4") Mono Plugs	
Model No.	Length
CFI0.3PP	0.3 M
CFI0.6PP	0.6 M
CFI0.9PP	0.9 M
CFI1.5PP	1.5 M
CFI3PP	3 M
CFI4.5PP	4.5 M
CFI6PP	6 M
CFI9PP	9 M



Unbalanced Signal Cable

Conductor Area: AWG#26, 0.13 mm²
Composition of Conductor: 10 × 0.12 mm bare copper + 2 × 1#(0.23 mm) copper foil and wire
Screen: Spiral wound aluminum foil

XLR3F~6.3 mm (1/4") mono plugs	
Model No.	Length
CFM5FP	5 M
CFM7.5FP	7.5 M
CFM10FP	10 M



FAIRLINE Series

	SFI Instrument Signal Cable	SFS Speaker Cable	SFM Balanced Signal Cable
Conductor Area	AWG#24, 0.2 mm ²	AWG#14, 2.08 mm ²	AWG#24, 0.2 mm ²
Composition of Conductor	25 × 0.12 mm bare copper	35 × 0.25 mm bare copper	25 × 0.12 mm bare copper
Conductor Isolation	PE	PVC	PE
Composition of Conductor	1 core	2 core twisted	2 core twisted
Pair Screen / Screen	48 wires, spiral wound copper wire Screen	spiral wound tissue paper	96 wires, spiral wound copper wire Screen
Overall Jacket	PVC black	PVC black	PVC black
Overall Diameter (mm)	6 ± 0.2 mm	8 ± 0.3 mm	6 ± 0.2 mm
Weight	47 g/m	95 g/m	51 g/m
Working Temperature: mobile	-15□ ~ +90□	-15□ ~ +90□	-15□ ~ +90□
Working Temperature: fixed	-20□ ~ +90□	-20□ ~ +90□	-20□ ~ +90□
Conductor Resistance Ω/km	49 Ω	7 Ω	49 Ω
Capacity (cond./cond.)	120 pF/m	40 pF/m	35 pF/m
Capacity (cond./screen)	---	125 pF/m	100 pF/m
Test Voltage	400 V	500 V	400 V

FAIRLINE Specialties

Instrument Signal Cable
Conductor Area: AWG#24, 0.2 mm²
Composition of Conductor: 25 × 0.12 mm bare copper
Screen: 48 wires, spiral wound copper wire screen

Speaker Cable
Conductor Area: AWG#14, 2.08 mm²
Composition of Conductor: 35 × 0.25 mm bare copper

Balanced Signal Cable
Conductor Area: AWG#24, 0.2 mm²
Composition of Conductor: 25 × 0.12 mm bare copper
Screen: 96 wires, spiral wound copper wire screen

Bulk Roll 100 meters roll package

Model No.		Model No.		Model No.	
SFI100	AWG#24 instrument signal cable	SFS100	AWG#14 speaker cable	SFM100	AWG#24 balanced signal cable

- a AWG14 conductors, high current capacity
b Cotton filled
c Ø8 mm speaker cable
d Reinforced plastic
e Multiple conductors threaded for flexibility
f Plated thick brass
g PVC shrink protective sleeve

Color Code (Various color available for bulk roll. Please suffix color code while ordering)

BK Black	BL Blue	YL Yellow	GN Green	GR Grey	RD Red	PL Purple

Dual Angle Mono Plugs
6.3 mm (1/4")

Model No.	Length
SFI0.2RR	0.2 M
SFI0.3RR	0.3 M
SFI0.6RR	0.6 M
SFI0.9RR	0.9 M
SFI1.5RR	1.5 M
SFI3RR	3 M
SFI6RR	6 M

Dual Straight Mono Plugs
6.3 mm (1/4")

Model No.	Length
SFI0.3PP	0.3 M
SFI0.6PP	0.6 M
SFI0.9PP	0.9 M
SFI1.5PP	1.5 M
SFI3PP	3 M
SFI4.5PP	4.5 M
SFI6PP	6 M

Angle and straight
6.3 mm (1/4") Mono Plugs

Model No.	Length
SFI0.9PR	0.9 M
SFI1.5PR	1.5 M
SFI3PR	3 M
SFI4.5PR	4.5 M
SFI6PR	6 M
SFI7.5PR	7.5 M

Dual Speakon Plugs (±1)

Model No.	Length
SFS3SS	3 M
SFS5SS	5 M
SFS10SS	10 M
SFS15SS	15 M
SFS20SS	20 M

Dual Straight Mono Plugs
6.3 mm (1/4")

Model No.	Length
SFS3PP	3 M
SFS5PP	5 M
SFS10PP	10 M
SFS15PP	15 M
SFS20PP	20 M

Speakon and Straight Mono
6.3 mm (1/4") Plugs

Model No.	Length
SFS0.9SP	0.9 M
SFS3SP	3 M
SFS9SP	9 M

XLR3F ~ XLR3M

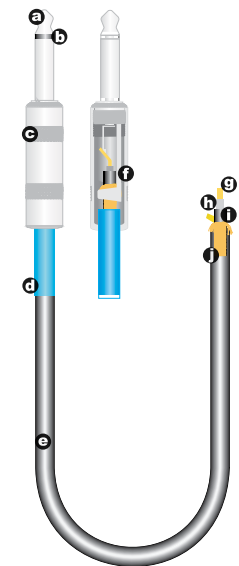
Model No.	Length
SFM0.5FM	0.5 M
SFM1.5FM	1.5 M
SFM2.5FM	2.5 M
SFM5.0FM	5 M
SFM7.5FM	7.5 M
SFM10FM	10 M
SFM20FM	20 M

Unbalanced Signal Cable

Conductor Area: AWG#24, 0.2 mm²
Composition of Conductor: 25 × 0.12 mm bare copper
Screen: 96 wires, spiral wound copper wire screen

XLR3F~
6.3 mm (1/4") Mono plugs

Model No.	Length
SFM5FP	5 M
SFM7.5FP	7.5 M
SFM10FP	10 M



- a Nickel plated brass
b Nylon insulator
c Nickel plated brass
d Nickel plated brass
e 6 mm high quality instrument cable
f Plated thick Brass
g High quality copper
h PE insulation jacket for low capacitance
i Conductive PVC to eliminate noise
j Braided copper shield for 95% coverage

Microphone Stands

E Bigfoot Willie. The 3 legs are extendable to enhance stability. A new and patent-pending design.

BAG Convenient carrying bag included.



MS131 E/BAG

Adjustable Boom Stand

MS131

MS131E/BAG **NEW**

Height	95-160 cm (3.11'-5.24')
Boom Length	45-80 cm (1.47'-2.62')
Weight	MS131: 3.4 kg (7.49 lbs)
Material	Iron
Base	Zinc-alloy die-cast
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	(MS131E/BAG includes a canvas bag for portability)



MS108 E/BAG

Adjustable Boom Stand

MS108E

MS108E/BAG **NEW**

Height	90-148 cm (2.95'-4.86')
Boom Length	80 cm (2.62')
Weight	MS108 : 2.3 kg (5.07 lbs)
Material	Iron
Base	plastic
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	(MS108E/BAG includes a canvas bag for portability)



MS141 E/BAG

Adjustable Boom Stand

MS141

MS141E/BAG **NEW**

Height	90-160 cm (2.95'-5.24')
Boom Length	80 cm (2.62')
Weight	MS141 : 3.4 kg (7.49 lbs)
Material	Iron
Base	Zinc-alloy die-cast
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	(MS141E/BAG includes a canvas bag for portability)



MS152 E/BAG

Adjustable Boom Stand

MS152

MS152E/BAG **NEW**

Height	95-165 cm (3.11'-5.41')
Boom Length	80 cm (2.62')
Weight	MS152 : 3.3 kg (7.27 lbs)
Material	Iron
Base	Zinc-alloy die-cast
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	(MS152E/BAG includes a canvas bag for portability)



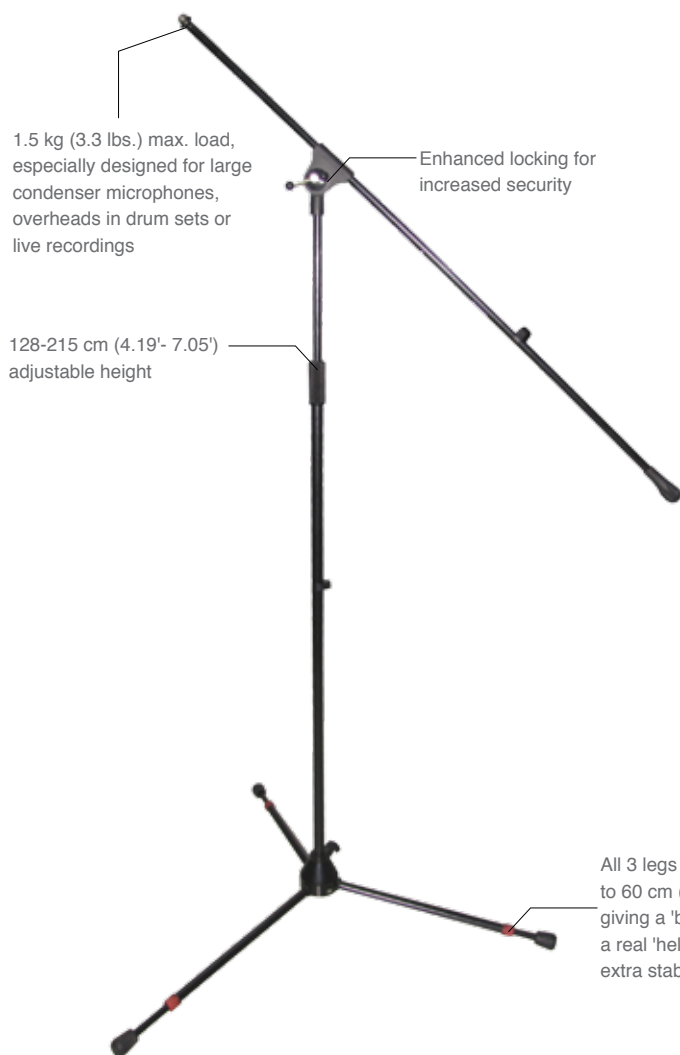
MS153 E/BAG

Adjustable Boom Stand

MS153

MS153E/BAG **NEW**

Height	95-165 cm (3.11'-5.41')
Boom Length	45-80 cm (1.47'-2.62')
Weight	MS153 : 3.3 kg (7.27 lbs)
Material	Iron
Base	Zinc-alloy die-cast
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	(MS153E/BAG includes a canvas bag for portability)



1.5 kg (3.3 lbs.) max. load, especially designed for large condenser microphones, overheads in drum sets or live recordings

128-215 cm (4.19'- 7.05') adjustable height

Enhanced locking for increased security

All 3 legs extend from 36 to 60 cm (14.3" to 23.6"), giving a 'big foot (print)' for a real 'helping hand' where extra stability is required



MS158 E/BAG

BFW Big Foot Willie Adjustable Boom Stand

Why Bigfoot Willie? Well, since Willie is the guy who designed and built this Bigfoot stand, why not name it after him?

This Bigfoot stand is the answer for those people who want to use a large condenser microphone to reach that sweet spot, but find that the weight and length of these mics can easily tip over an ordinary stand.

Now, simply unscrewing a few turns on the foot you need to extend will provide the right support, making the Bigfoot Willie the perfect way to achieve that desired microphone placement.

Height	128-215 cm (4.19' -7.05')
Boom Length	120 cm (3.93')
Weight	5.9 kg (13 lbs)
Material	Iron
Base	Zinc-alloy die-cast
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	Sturdy canvas bag for portability

Microphone Stands Without Extension Legs



NEW

MS432

Microphone Stand with Dual Height Control Locks

Designed for the Superlux SP108 portable PA system

Height	65-130 cm (2.13' -4.27')
Weight	1.01 kg (2.22 lbs)
Material	Iron
Base	Iron
Accessories	Microphone stand mounting adapter for the mixer of Superlux SP108 portable sound system
Furnished	



MS101 /BAG

Microphone Stand

Height	88-158 cm (2.88' -5.18')
Weight	2.4 kg (5.29 lbs)
Material	Iron
Base	Zinc-alloy die-cast
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	Sturdy canvas bag for portability

Microphone Stands Without Extension Legs



MS110

Microphone Stand

Height	87-158 cm (2.85' -5.18')
Weight	3.7 kg (8.15 lbs)
Material	Iron
Base	Iron
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	



MS107

Microphone Stand

Height	84-155 cm (2.75' -5.08')
Weight	3.1 kg (6.83 lbs)
Material	Iron
Base	Iron
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	



NEW

MS108AB

Aluminum Boom Stand

Height	90-148 cm (2.95'-4.85')
Boom Length	80 cm (2.62')
Weight	1 kg (2.2 lbs)
Material	Aluminum
Base	plastic
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	



MS128 /BAG

Aluminum Boom Stand

This light-weight aluminum stand is a good solution for all vocal, instrumental and travelling musicians.

Height	70-117 cm (2.29' -3.83')
Boom Length	50 cm (1.64')
Weight	0.9 kg (1.98 lbs)
Material	Aluminum
Base	Nylon
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	Sturdy canvas bag for portability



MS200

High Rise Stand

Height	173-338 cm (5.67' -11.08')
Boom Length	125-222 cm (4.1' -7.28')
Weight	9.75 kg (21.49 lbs)
Material	Iron
Base	plastic
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	



MS300

High Rise Stand with Casters

Height	159-234 cm (5.21' -7.67')
Boom Length	124-222 cm (4.06' -7.28')
Weight	8.2 kg (18.07 lbs)
Material	Iron
Base	plastic
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	

Adjustable Boom Stands, Table Stands



MS104 /BAG

Adjustable Boom Stand

Height	40-55 cm (1.31' -1.80')
Boom Length	45-80 cm (1.47' -2.62')
Weight	2.4 kg (5.28 lbs)
Material	Iron
Base	Zinc-alloy die-cast
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	Sturdy canvas bag for portability



MS105 /BAG

Adjustable Boom Stand

Height	37 cm (1.21')
Boom Length	45-80 cm (1.47' -2.62')
Weight	5.2 kg (5.28 lbs)
Material	Iron
Base	Zinc-alloy die-cast
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	Sturdy canvas bag for portability



MTS004

Table Stand

Height	28-42 cm (0.91' -1.37')
Weight	2.3 kg (5.07 lbs)
Material	Iron
Base	Iron
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	



MTS014

Table Stand

Height	34-47 cm (1.11' -1.54')
Boom Length	45-80 cm (1.47' -2.62')
Weight	2.61 kg (5.75 lbs)
Material	Iron
Base	Iron
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	



MTS024

Table Stand

Height	42-56 cm (1.37' -1.83')
Weight	2.4 kg (5.29 lbs)
Material	Iron
Base	Iron
Accessories	Mic stand thread adapter 5/8" to 3/8"
Furnished	



HM6

Table Stand

3/8" Thread

Height	15-20 cm (0.49' -0.65')
Weight	0.35 kg (0.77 lbs)
Material	Zinc-alloy die-cast
Accessories	HM9B clip, YA1 threaded adapter
Furnished	



DS01

Table Stand

5/8" Thread

Height	9 cm (0.29')
Weight	0.1 kg (0.22 lbs)
Material	Iron
Base	plastic



DS011

Table Stand

5/8" Thread
DS011 includes a DS01 and a HM101B clip

Height	12 cm (0.29')
Weight	0.14 kg (0.31 lbs)
Material	Iron
Base	plastic



D1

Table Stand

5/8" Thread

Height	12 cm (0.39')
Weight	0.5 kg (1.1 lbs)
Material	Iron
Base	Iron

Table Stands, Music Stands, Guitar Stands



HM48B

Table Arm

Weight	1.5 kg (3.30 lbs)
Material	Iron
Accessories	HM501 Elevated base
Furnished	HM502 Table edge clamp
	HM503 Low profile base



HM58B

Table Arm

Weight	1.8 kg (3.96 lbs)
Material	Iron
Accessories	HM501 Elevated base
Furnished	HM502 Table edge clamp
	HM503 Low profile base

HM48B
HM58B
Furnished Accessories



HM501

Elevated Base



HM502

Table Edge Clamp



HM503

Low Profile Base



MUS211 NEW

Music Stand

Height	65-110 cm (2.1' -3.6')
Weight	3.15 kg (6.94 lbs)
Material	Iron
Base	Plastic



MUS298 NEW

Music Stand

Height	65-130 cm (2.1' -4.26')
Weight	1.3 kg (2.86 lbs)
Material	Iron
Base	Plastic



GS518 NEW

Guitar Stand

Weight	1.2 kg (2.64 lbs)
Material	Iron



GS528 NEW

Electric Guitar Stand

Height	72-115 cm (2.36' -3.77')
Weight	1.6 kg (3.52 lbs)
Material	Iron



Speaker Stands



LS718S
Crank Speaker Stand

Height	170-290 cm (5.57' -9.51')
Capacity	60 kg (132.27 lbs)
Weight	9.4 kg (20.70 lbs)
Material	Iron



SPA01
Subwoofer Stand

Designed for supporting a main speaker on top of a subwoofer where the main speaker incorporates a standard 35 mm (1 3/8") diameter speaker stand socket in its base.

Height	94-160 cm (3.08' -5.24')
Capacity	50 kg (110.23 lbs)
Weight	1.73 kg (3.81 lbs)
Material	Iron



SPS410A
Aluminum Speaker Stand

SPS410A Aluminum Original
SPS410AB Black

Height	115-200 cm (3.77' -6.56')
Capacity	50 kg (110.23 lbs)
Weight	2.71 kg (5.97lbs)
Material	Aluminum alloy
Finish	Aluminum original or black



SPS410B
Speaker Stand

Height	115-200 cm (3.77' -6.56')
Capacity	50 kg (110.23 lbs)
Weight	5.0 kg (11.01 lbs)
Material	Iron
Finish	Black



SPSK1
Speaker Stand Package

- Includes:
- 1 SPS410B speaker stand
 - 1 SPA01 subwoofer pole
 - 1 Large carrying canvas bag

SPSK2
Speaker Stand Package

- Includes:
- 2 SPS410B speaker stand
 - 1 Large carrying canvas bag

Speaker Stands & Mounts



Useful for a 10" or smaller speaker

SPS400

Indoor Speaker Stand

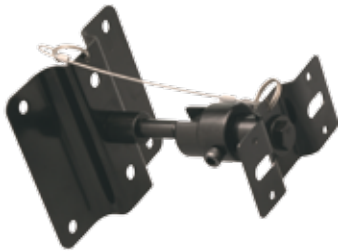
Height	98-157 cm (3.21' -5.15')
Capacity	20 kg (44.09 lbs)
Weight	2.92 kg (6.43 lbs)
Material	Iron



SPS430L

Monitor Speaker Stand

Height	81-146 cm (2.65' -4.79')
Capacity	20 kg (44.09 lbs)
Weight	3.6 kg (7.93 lbs)
Material	Iron



SPS838

Ceiling / Wall Mount

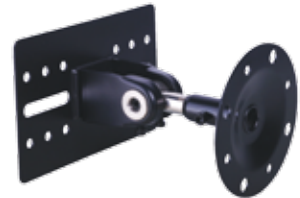
Capacity	10 kg (22.04 lbs)
Weight	0.45 kg (0.99 lbs)
Material	Iron



SPS867A

Ceiling / Wall Mount

Capacity	25 kg (55.11 lbs)
Weight	0.9 kg (1.98 lbs)
Material	Iron



SPS869 NEW

Ceiling / Wall Mount

Capacity	25 kg (55.11 lbs)
Weight	0.9 kg (1.98 lbs)
Material	Iron



SPS878

Ceiling / Wall Mount

Capacity	30 kg (66.08 lbs)
Weight	1.8 kg (3.96 lbs)
Material	Iron



SPS813

Wall Mount

Capacity	50 kg (110.23 lbs)
Weight	5.9 kg (13.00 lbs)
Material	Iron



SPS823

Wall Mount

Capacity	50 kg (110.23 lbs)
Weight	1.8 kg (3.96 lbs)
Material	Iron

Racks



RS908

8U Rack

Weight	16 kg (35.24 lbs)
Material	Iron
Dimensions (with wheel) (HxWxD)	52 x 50.5 x 46 cm 1.7 x 1.65 x 1.5 ft.
Accessories Furnished	Empirical and metric screws



RS912

12U Rack

Weight	18 kg (39.65 lbs)
Material	Iron
Dimensions (with wheel) (HxWxD)	70 x 50.5 x 46 cm 2.29 x 1.65 x 1.5 ft.
Accessories Furnished	Empirical and metric screws



RS916

16U Rack

Weight	20 kg (40.05 lbs)
Material	Iron
Dimensions (with wheel) (HxWxD)	88 x 50.5 x 46 cm 2.88 x 1.65 x 1.5 ft.
Accessories Furnished	Empirical and metric screws



RS921

21U Rack

Weight	22 kg (48.46 lbs)
Material	Iron
Dimensions (with Wheel)(HxWxD)	110 x 50.5 x 46 cm 3.60 x 1.65 x 1.5 ft.
Accessories Furnished	Empirical and metric screws



Cables are not included

DS70

Display Rack

Weight	10.0 kg (22.04 lbs)
Material	Iron
Dimensions (HxW)	160 x 25 cm 5.24 x 0.82 ft.
Accessories Furnished	20 display hooks



Grille Nets, Adapters and Gooseneck LED Lights

Flash recorders are becoming increasingly popular for those who do recording outside. When doing long-term recording, a stand is a necessity, and most stands available for a professional sound engineer are microphone stands. How do you install a flash recorder on a microphone stand? Now the YA28 and YA38 ball head adapters can solve this problem.

For the popular smaller and lighter recorders or microphones, a light-weight yet sturdy stand is needed that can withstand the rigors of frequent travelling. The Superlux MS108AB light-weight aluminum stand, coupled with the YA28 or YA38 adapter, is the answer to this demand.



FO58

Grille Net

Thread 1-1/4"-32



YA18

Ball Head

3/8" bolt with 5/8" thread



YA28

Ball Head

1/4" bolt with 5/8" thread



YA38

Ball Head

1/4" bolt with 5/8" thread



L01U

Gooseneck LED Light with USB Connector

The L01U gooseneck LED lights are the perfect accessory for any equipment with USB power and includes a power on/off switch for saving power. These flexible lights provide an ample amount of light when working in a dark area.

- Eight-segment LED light for enhanced illumination
- Cool, energy-efficient illumination
- Long lasting LED lights that rarely need replacing
- On/off switch

Length	405 mm (16")
Power consumption	130 mA-140 mA
Power requirement	USB-HUB, 5V DC



L02X

Gooseneck LED Light with XLR Connector

The L02X gooseneck LED lights are perfect for mixing consoles, DJ mixers, power conditioners or any electronic device that has an XLR-F jack and 12V power available. These flexible lights provide an ample amount of light when working in a dark area.

- Eight segment LED light for enhanced illumination
- Cool, energy-efficient illumination
- Long-lasting LED lights that rarely need replacing

Length	370 mm (14.6")
Power consumption	40 mA-50 mA
Power requirement	11.5V-13.0V DC

Microphone Specifications

Model No.	Transducer	Acoustic	Specialties	Polar Pattern	Frequency Response	Low Frequency Filter	Pad	Sensitivity
ANGEL	Dynamic	Pressure Gradient	Anti-rolling, Rose gold color, Karaoke	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
CMH8A	True Condenser, 1"	Pressure Gradient	Large Diaphragm	Cardioid	30 Hz-20 kHz	100 Hz (internal)	NA	-34 dBV/Pa
CMH8AH	True Condenser, 1"	Pressure Gradient	Large Diaphragm	Cardioid	30 Hz-20 kHz	100 Hz (internal)	NA	-34 dBV/Pa
CMH8B	True Condenser, 1"	Pressure Gradient	Large Diaphragm	Cardioid	30 Hz-20 kHz	100 Hz	-10 dB	-34 dBV/Pa
CMH8BH	True Condenser, 1"	Pressure Gradient	Large Diaphragm	Cardioid	30 Hz-20 kHz	100 Hz	-10 dB	-34 dBV/Pa
CMH8C	True Condenser, 1"	Pressure Gradient	Dual capsule, 3 directivities	Figure 8, Cardioid, Omnidirectional	30 Hz-20 kHz	100 Hz	-10 dB	-35 dBV/Pa, -30 dBV/Pa, -35 dBV/Pa
CMH8CH	True Condenser, 1"	Pressure Gradient	Dual capsule, 3 directivities	Figure 8, Cardioid, Omnidirectional	30 Hz-20 kHz	100 Hz	-10 dB	-30.5 dBV/Pa, -35.4 dBV/Pa, -30.5 dBV/Pa
CMH8D	True Condenser, 1"	Pressure Gradient	Vacuum, Dual capsules, 2 directivities	Omnidirectional, Cardioid	30 Hz-20 kHz	100 Hz	-10 dB	-32 dBV/Pa, -28 dBV/Pa
CMH8E	True Condenser, 1"	Pressure Gradient	Large diaphragm	Cardioid	30 Hz-20 kHz	100 Hz, 150 Hz	-10 dB	-38 dBV/Pa
CMH8G	True Condenser, 1"	Pressure Gradient	Vacuum, Dual capsules, Variable 9 directivities	Variable 9 directivities	30 Hz-20 kHz	NA	NA	-32 dBV/Pa, -28 dBV/Pa, -32 dBV/Pa
CMH8K/U/H/O	Electret condenser, Ø16 mm	Pressure Gradient	Pencil type, Interchangeable capsule	Cardioid, Supercardioid, Omnidirectional	40 Hz-20 kHz	NA	NA	-40 dBV/Pa
D103	Dynamic	Pressure Gradient	Karaoke	Supercardioid	50 Hz-15 kHz	NA	NA	-52 dBV/Pa
D106	Dynamic	Pressure Gradient	Network meeting	Cardioid	70 Hz-12 kHz	NA	NA	-53 dBV/Pa
D107A, D108A	Dynamic	Pressure Gradient	Handheld vocal	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
D107B, D108B	Dynamic	Pressure Gradient	Handheld vocal	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
D109	Dynamic	Pressure Gradient	High impedance	Supercardioid	80 Hz-12.5 kHz	NA	NA	-38 dBV/Pa
D10A	Dynamic	Pressure	Handheld vocal, Plastic body	Omnidirectional	85 Hz-12.5 kHz	NA	NA	-55 dBV/Pa
D10B	Dynamic	Pressure Gradient	Instrument, Humbucking	Supercardioid	50 Hz-18 kHz	NA	NA	-54 dBV/Pa
D112	Dynamic	Pressure	Harmonica	Omnidirectional	100 Hz-6 kHz	NA	Volume control	-50 dBV/Pa
D201U	Dynamic	Pressure	USB, Instrument	Omnidirectional	50 Hz-15 kHz	NA	NA	-56 dBV/Pa
D302	Dynamic	Pressure Gradient	Gooseneck, 5/8" thread	Supercardioid	100 Hz-10 kHz	NA	NA	-56 dBV/Pa
D303UT	Dynamic	Pressure Gradient	USB, Vocal	Cardioid	50 Hz-15 kHz	NA	NA	-60 dBV/Pa
D401S	Dynamic	Pressure	Podcast	Omnidirectional	80 Hz-15 kHz	NA	NA	-54 dBV/Pa
DM102	Dynamic	Pressure Gradient	Plastic body, Karaoke	Cardioid	50 Hz-16 kHz	NA	NA	-55 dBV/Pa
DM718	Dynamic	Pressure Gradient	Patented octagonal anti-rolling ring, Karaoke	Cardioid	80 Hz-12 kHz	NA	NA	-53 dBV/Pa
DM718A	Dynamic	Pressure Gradient	Patented octagonal anti-rolling ring, Karaoke	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
DM838	Dynamic	Pressure Gradient	Karaoke	Cardioid	80 Hz-12 kHz	NA	NA	-53 dBV/Pa
DM858	Dynamic	Pressure Gradient	Smaller size, Karaoke	Cardioid	50 Hz-16 kHz	NA	NA	-55 dBV/Pa
E100	Electret condenser, Ø14 mm	Pressure Gradient	Kick drum, boundary	Cardioid	30 Hz-18 kHz	NA	NA	-60 dBV/Pa
E101	Electret condenser, Ø9.7 mm	Pressure Gradient	Guitar	Cardioid	40 Hz-18 kHz	NA	NA	-44 dBV/Pa
E102	Electret condenser, Ø9.7 mm	Pressure Gradient	Instrument	Cardioid	50 Hz-16 kHz	NA	NA	-43 dBV/Pa
E105	Electret condenser, 6 mm	Pressure Gradient	Headworn	Cardioid	80 Hz-18 kHz	NA	NA	-46 dBV/Pa
E108	Electret condenser, 6 mm	Pressure Gradient	Headworn	Figure 8	80 Hz-18 kHz	NA	NA	-46 dBV/Pa
E109	Electret condenser, Ø16 mm	Pressure Gradient	Instrument, Pencil Type	Cardioid	40 Hz-20 kHz	NA	NA	-43 dBV/Pa
E10A	Electret condenser, Ø9.7 mm	Pressure Gradient	Headworn	Cardioid	50 Hz-15 kHz	NA	NA	-36 dBV/Pa
E10B	Electret condenser, Ø9.7 mm	Pressure Gradient	Headworn	Figure 8	50 Hz-15 kHz	NA	NA	-33 dBV/Pa
E124D	Electret condenser, Ø9.7 mm	Pressure Gradient	Instrument, Battery, Valued pack	Cardioid	40 Hz-18 kHz	100 Hz (internal)	NA	-50 dBV/Pa
E12A	Electret condenser, Ø4 mm	Pressure	Mini lavalier	Omnidirectional	20 Hz-20 kHz	NA	NA	-33 dBV/Pa
E201U	Electret condenser, Ø9.7 mm	Pressure Gradient	USB, Instrument	Cardioid	40 Hz-18 kHz	NA	NA	-42 dBV/Pa
E202	Electret condenser, Ø16 mm	Pressure Gradient	Recording	Supercardioid	30 Hz-18 kHz	NA	NA	-47 dBV/Pa
E203UT	Electret condenser, Ø9.7 mm	Pressure Gradient	USB, Network meeting	Cardioid	20 Hz-18 kHz	NA	NA	-40 dBV/Pa
E204U	Electret condenser, Ø14 mm	Pressure Gradient	USB, Classic mic	Cardioid	20 Hz-18 kHz	NA	NA	-42 dBV/Pa
E302	Electret condenser, Ø6 mm	Pressure	Measurement	Omnidirectional	20 Hz-20 kHz	NA	NA	-42 dBV/Pa
E303	Electret condenser, Ø9.7 mm	Pressure Gradient	Boundary	Cardioid	30 Hz-18 kHz	NA	NA	-39 dBV/Pa
E304	Electret condenser, Ø9.7 mm	Pressure	Boundary	Omnidirectional	20 Hz-18 kHz	NA	NA	-39 dBV/Pa
E306	Electret condenser, Ø9.7 mm	Pressure Gradient	Gooseneck, 5/8" thread	Cardioid	50 Hz-16 kHz	NA	NA	-40 dBV/Pa
E308	Electret condenser, Ø16 mm	Pressure Gradient	Hanging mic, Interchangeable capsule	Cardioid, Supercardioid, Omnidirectional	20 Hz-18 kHz	NA	NA	-44 dBV/Pa
E309D PRO	Electret condenser, Ø11.5 mm	Pressure Gradient	Gooseneck mic with base, soft touch switch	Cardioid, Supercardioid, Omnidirectional	20 Hz-20 kHz	NA	NA	-42 dBV/Pa
E30AU	Electret condenser, Ø9.7 mm	Pressure Gradient	USB, Network meeting, Can be hung on LCD monitor	Cardioid	20 Hz-18 kHz	NA	NA	-40 dBV/Pa
E321S / M / L	Electret condenser, Ø16 mm	Pressure Gradient	Gooseneck, LED ring is optional	Cardioid, Supercardioid, Omnidirectional	20 Hz-18 kHz	150 Hz (models without on/off switch)	NA	-40 dBV/Pa, -40 dBV/Pa, -42 dBV/Pa
E322M / L	Electret condenser, Ø9.7 mm	Pressure Gradient	Gooseneck	Cardioid	40 Hz-20 kHz	100 Hz (models without on/off switch)	NA	-40 dBV/Pa
E323	Electret condenser, Ø9.7 mm	Pressure Gradient	Flush mount	Cardioid	60 Hz-14 kHz	NA	NA	-35 dBV/Pa
E324	Electret condenser, Ø9.7 mm	Pressure	Flush mount	Omnidirectional	20 Hz-20 kHz	NA	NA	-30 dBV/Pa
E326 PRO	Electret condenser, Ø11.5 mm	Pressure Gradient	High quality gooseneck mic	Cardioid, Supercardioid, Omnidirectional	20 Hz-20 kHz	NA	NA	-42 dBV/Pa
E361	Electret condenser, Ø9.7 mm	Pressure Gradient	Gooseneck mic with base, variable directivity, soft touch switch	Omnidirectional, Cardioid, Figure-8, continuously variable	80 Hz-18 kHz	NA	NA	-31 dBV/Pa
E401B	Electret condenser, Ø9.7 mm	Interference tube	Short shotgun, Camcorder	Shotgun	50 Hz-18 kHz	80 Hz	NA	-40 dBV/Pa
E421B	Electret condenser, Ø9.7 mm	Interference tube	Short shotgun, Battery box	Shotgun	20 Hz-20 kHz	80 Hz	NA	-34 dBV/Pa
E502U	Electret condenser, Ø14 mm	Pressure Gradient	USB, MS stereo	Cardioid+Figure 8	20 Hz-20 kHz	NA	NA	-42 dBV/Pa
E503U	Electret condenser, Ø9.7 mm	Pressure Gradient	USB, XY stereo	Cardioid+Cardioid	50 Hz-18 kHz	NA	NA	-42 dBV/Pa
E522B	Electret condenser, Ø9.7 mm	Pressure Gradient	XY stereo	Cardioid+Cardioid	30 Hz-20 kHz	150 Hz	NA	-47 dBV/Pa
E523D	Electret condenser, Ø9.7 mm	Pressure Gradient	XY stereo	Cardioid+Cardioid	50 Hz-18 kHz	150 Hz	NA	-47 dBV/Pa
E524D	Electret condenser, Ø16 mm	Pressure Gradient	XY stereo	Cardioid+Cardioid	40 Hz-18 kHz	NA	NA	-48 dBV/Pa
E525 S/L	Electret condenser, Ø14 mm	Interference tube	MS, XY stereo shotgun	Cardioid+Figure 8	20 Hz-20 kHz	100 Hz	NA	-34 dBV/Pa
E531B	Electret condenser, Ø9.7 mm	Pressure Gradient	MS stereo	Cardioid+Figure 8	100 Hz-15 kHz	NA	NA	-45 dBV/Pa
E532B	Electret condenser, Ø9.7 mm	Pressure Gradient	XY stereo	Cardioid+Cardioid	40 Hz-18 kHz	80 Hz	NA	-40 dBV/Pa
ECM888B	Electret condenser, Ø6 mm	Pressure	Measurement	Omnidirectional	20 Hz-20 kHz	NA	NA	-48 dBV/Pa
ECM999	Electret condenser, Ø6 mm	Pressure	Measurement	Omnidirectional	20 Hz-20 kHz	NA	NA	-37 dBV/Pa

Model No.	Impedance	Min. Load Impedance	S/N Ratio	Equivalent Output Noise	Max. SPL	Dynamic Range	Phantom Power	Finish	Connector	Dimensions (mm)	Net Weight
ANGEL	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Rose gold color	XLR3M	Ø55 x 180	362 g
CMH8A	200 Ω	1k Ω	76 dB	18 dB	132 dB	114 dB	48V DC, 2.7 mA	Champagne silver	XLR3M	Ø54 × 200	550 g
CMH8AH	200 Ω	1k Ω	76 dB	18 dB	132 dB	114 dB	48V DC, 2.7 mA	Black	XLR3M	Ø54 × 200	550 g
CMH8B	200 Ω	1k Ω	76 dB	18 dB	142 dB	124 dB	48V DC, 2.7 mA	Champagne silver	XLR3M	Ø54 × 200	550 g
CMH8BH	200 Ω	1k Ω	76 dB	18 dB	142 dB	124 dB	48V DC, 2.7 mA	Black	XLR3M	Ø54 × 200	550 g
CMH8C	200 Ω	1k Ω	76 dB / 80 dB / 76 dB	18 dB / 14 dB / 18 dB	142 dB / 138 dB / 142 dB	124 dB	48V DC, 4 mA	Champagne silver	XLR3M	Ø54 × 200	565 g
CMH8CH	200 Ω	1k Ω	80 dB / 76 dB / 80 dB	14 dB / 18 dB / 14 dB	138 dB / 142 dB / 138 dB	124 dB	48V DC, 4 mA	Black	XLR3M	Ø54 × 200	565 g
CMH8D	200 Ω	1k Ω	76 dB / 80 dB	18 dB / 14 dB	146 dB / 142 dB	128 dB	PS-1	Champagne silver	XLR7M	Ø54 × 200	560 g
CMH8E	200 Ω	1k Ω	76 dB	18 dB	145 dB	127 dB	48V DC, 2.7 mA	Champagne silver	XLR3M	Ø54 × 200	600 g
CMH8G	200 Ω	1k Ω	76 dB / 80 dB / 76 dB	18 dB / 14 dB / 18 dB	146 dB / 142 dB / 146 dB	128 dB	PS-3	Champagne silver	XLR7M	Ø54 × 200	550 g
CMH8K/U/H/O	200 Ω	1k Ω	72 dB	22 dB	134 dB	112 dB	48V DC, 3.5 mA	Champagne silver	XLR3M	Ø20 × 150	170 g
D103	500 Ω	500 Ω	NA	NA	150 dB	NA	NA	Black / Grey / Gold / Silver	XLR3M	Ø51.5 × 165	300 g
D106	500 Ω	500 Ω	NA	NA	135 dB	NA	NA	Black	3.5 mm	Ø54 × 208	265 g
D107A, D108A	250 Ω	250 Ω	NA	NA	150 dB	NA	NA	Titanium grey	XLR3M	Ø42.3 × 152, Ø48 × 177	188 g / 290 g
D107B, D108B	250 Ω	250 Ω	NA	NA	150 dB	NA	NA	Textured black	XLR3M	Ø42.3 × 152, Ø48 × 177	188 g / 290 g
D109	20 k Ω	100k Ω	NA	NA	130 dB	NA	NA	Titanium grey	XLR3M	Ø48 × 173	340 g
D10A	200 Ω	200 Ω	NA	NA	135 dB	NA	NA	Black	3.5 mm	Ø36 × 137	95 g
D10B	200 Ω	200 Ω	NA	NA	135 dB	NA	NA	Titanium grey	XLR3M	Ø42.5 × 144	220 g
D112	10k Ω	100k Ω	NA	NA	140 dB	NA	NA	Titanium blue	6.3 mm	Ø63 × 80	650 g
D201U	NA	NA	NA	NA	140 dB	NA	USB 5V, <30 mA	Champagne silver	USB B-TYPE	Ø36 × 203	160 g
D302	500 Ω	2k Ω	NA	NA	140 dB	NA	NA	Black	Open end	Grille Net Ø40.5/Length 300	150 g
D303UT	NA	NA	NA	NA	138 dB	NA	USB 5V, 68 mA	Black	USB Mini B-Type	30 × 32 × 104	160 g
D401S	200 Ω	1k Ω	NA	NA	135 dB	NA	NA	Titanium grey	XLR3M	Ø47 × 174	280 g
DM102	500 Ω	500 Ω	NA	NA	155 dB	NA	NA	Black	XLR3M	Ø53.5 × 173.5	130 g
DM718	500 Ω	500 Ω	NA	NA	148 dB	NA	NA	Titanium blue	XLR3M	Ø55 × 176	268 g
DM718A	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Titanium blue	XLR3M	Ø55 × 177	328 g
DM838	500 Ω	500 Ω	NA	NA	148 dB	NA	NA	Black	XLR3M	Ø54 × 174.5	250 g
DM858	500 Ω	500 Ω	NA	NA	155 dB	NA	NA	Black	XLR3M	Ø49 × 149.1	230 g
E100	600 Ω	2k Ω	70 dB	24 dB	149 dB	125 dB	12-52V DC, 4 mA	Black	XLR3M	Ø85 × 20.5	270 g
E101	200 Ω	1k Ω	NA	NA	NA	NA	3V-12V, 4 mA	Black	TA3F / TA4F	Ø12.5	30 g
E102	200 Ω	1k Ω	75 dB	19 dB	149 dB	130 dB	12-52V DC, 3 mA	Black	XLR3M	Ø21 × 200	140 g
E105	200 Ω	1k Ω	NA	NA	NA	NA	1.5V-9V, 0.5 mA	Black	3.5 mm	166 × 100	30 g
E108	200 Ω	1k Ω	NA	NA	NA	NA	1.5V-9V, 0.5 mA	Black	3.5 mm	166 × 100	30 g
E109	200 Ω	1k Ω	72 dB	22 dB	137 dB	115 dB	12-52V DC, 3.5 mA	Black	XLR3M	Ø20 × 112	120 g
E10A	200 Ω	1k Ω	NA	NA	NA	NA	1.5V - 9V, 0.5 mA	Black	TA3F / TA4F	Grille Net Ø12.5 / 166 × 100	40 g
E10B	200 Ω	1k Ω	NA	NA	NA	NA	1.5V - 9V, 0.5 mA	Black	TA3F / TA4F	Grille Net Ø12.5 / 166 × 100	40 g
E124D	600 Ω	800 Ω	68 dB	26 dB	131 dB/127 dB	105 dB/101 dB	12-52V DC, 1.5V AA, 2 mA	Black	XLR3M	Ø31 × 205	300 g
E12A	200 Ω	1k Ω	NA	NA	NA	NA	1.5V - 9V, 0.5 mA	Black	TA3F / TA4F	10.5 × 7 × 4	19 g
E201U	NA	NA	NA	NA	137 dB	NA	USB 5V, <30 mA	Champagne silver	USB B-TYPE	Ø31 × 155	130 g
E202	200 Ω	1k Ω	72 dB	22 dB	134 dB	112 dB	12-52V DC, 3.5 mA	Black	XLR3M	Ø54 × 156.5	140 g
E203UT	NA	NA	NA	NA	133 dB	NA	USB 5V, 70 mA	Black	USB Mini B-Type	30 × 32 × 104	150 g
E204U	NA	NA	NA	NA	136 dB	NA	USB 5V, <75 mA	Chrome Plated	USB B-TYPE	56 × 191 × 67.5	520 g
E302	2.2k Ω	4k Ω	NA	NA	NA	NA	3V - 9V, 0.5 mA	Black	3.5 mm	Ø21 × 128.5	175 g
E303	600 Ω	2k Ω	70 dB	24 dB	127 dB	103 dB	9-52V DC, 4 mA	Black / White	TA3M	Ø85 × 20.5	180 g
E304	600 Ω	2k Ω	70 dB	24 dB	127 dB	103 dB	9-52V DC, 4 mA	Black / White	TA3M	Ø85 × 22.5	200 g
E306	200 Ω	1k Ω	NA	NA	137 dB	NA	3V - 9V, 0.5 mA	Black	Open end	Grille Net Ø29 / Length 295	150 g
E308	500 Ω	1k Ω	76 dB	18 dB	138 dB	120 dB	12-52V DC, 4 mA	Black / White	TA3F	Ø20 × 57	300 g
E309D PRO	200 Ω	1k Ω	75 dB	19 dB	124 dB	105 dB	48V DC, 5.5 mA	Black	XLR3M	Grille Net Ø11.5 / Height 445	938 g
E30AU	NA	NA	NA	NA	133 dB	NA	USB 5V, 70 mA	Black	USB Mini B-Type 3.5 mm	Ø47	265 g
E321S / M / L	600 Ω	2k Ω	72 dB / 72 dB / 70 dB	22 dB / 22 dB / 24 dB	135 dB / 135 dB / 137 dB	113 dB	9-52V DC, 4 mA	Titanium grey	XLR3M	Grille Net Ø20/Length 300, 450, 600	165 g / 181 g / 200g
E322M / L	600 Ω	2k Ω	70 dB	24 dB	127 dB	103 dB	9-52V DC, 4 mA	Black / White	XLR3M	Grille Net Ø12.5 / Length 450, 600	160 g / 200 g
E323	200 Ω	1k Ω	68 dB	26 dB	132 dB	106 dB	12-48V DC, 2 mA	Black / White	XLR3M	Ø28 × 73	53 g
E324	200 Ω	1k Ω	68 dB	26 dB	132 dB	106 dB	12-48V DC, 2 mA	Black / White	XLR3M	Ø28 × 73	53 g
E326 PRO	200 Ω	1k Ω	72 dB	22 dB	138 dB	116 dB	9-52V DC, 1.9 mA	Black	XLR3M	Grille Net Ø11.5; Length 450 / 600	151 g / 167 g
E361	200 Ω	1k Ω	79 dB	15 dB	120 dB	105 dB	48V DC, 8.6 mA	Black	XLR3M	Grille Net Ø16 / Height 465	943 g
E401B	1k Ω	2k Ω	72 dB	22 dB	136 dB	114 dB	1.5V AA, 4 mA	Black	3.5 mm	Ø29 × 167	140 g
E421B	200 Ω	1k Ω	74 dB	20 dB	134 dB	114 dB	6V 4 × 1.5 V AA, 6.7 mA	Black	3.5 mm	Ø20 × 205, 120 × 77 × 70	30 g, 219 g
E502U	NA	NA	NA	NA	137 dB	NA	USB 5V <30 mA	Champagne silver	USB B-TYPE	Ø55 × 156	220g
E503U	NA	NA	NA	NA	137 dB	NA	USB 5V <30 mA	Champagne silver	USB B-TYPE	Grille Net 64 × 52 / Ø24.5 × 187	230 g
E522B	200 Ω	1k Ω	70 dB	24 dB	126 dB	102 dB	1.5V AA, 2 mA	Black	XLR3M	Grille Net 64 × 38 / Ø23.5 × 218	310 g
E523D	200 Ω	1k Ω	70 dB	24 dB	126 dB	102 dB	12-52V DC, 2 mA 1.5V AA, 2 mA	Titanium grey	XLR5M	Grille Net 64 × 38 / Ø23.5 × 218	340 g
E524D	200 Ω	1k Ω	72 dB	22 dB	134 dB	112 dB	12-52V DC, 2 mA 1.5V AA, 2 mA	Titanium grey	XLR5M	Grille Net Ø23.5 / 78 × 216	340 g
E525 S/L	200 Ω	1k Ω	72 dB	22 dB	127 dB	105 dB	12-52V DC, 4 mA	Titanium grey	XLR5M	Ø21.5 × 235 / Ø21.5 × 380	103 g / 153 g
E531B	1k Ω	2k Ω	69 dB	25 dB	110 dB	85 dB	1.5V AA, 4 mA	Black	3.5 mm	Ø29 × 126.5 × 29	110 g
E532B	1k Ω	2k Ω	69 dB	25 dB	110 dB	85 dB	1.5V AA, 4 mA	Black	3.5 mm	Ø29 × 131 × 29	110 g
ECM888B	800 Ω	3k Ω	72 dB	22 dB	132 dB	110 dB	6V 4 LR44, 0.5 mA	Champagne silver	XLR3M	Ø21 × 170	150 g
ECM999	200 Ω	1k Ω	70 dB	24 dB	132 dB	108 dB	12-52V DC, 2 mA	Black	XLR3M	Ø21 × 192	140 g

Microphone Specifications

Model No.	Transducer	Acoustic	Specialties	Polar Pattern	Frequency Response	Low Frequency Filter	Pad	Sensitivity
ECO88S	Dynamic	Pressure Gradient	Handheld vocal	Supercardioid	80 Hz-12 kHz	NA	NA	-53 dBV/Pa
ECOA1	Dynamic	Pressure Gradient	Handheld vocal	Supercardioid	80 Hz-12 kHz	NA	NA	-53 dBV/Pa
EM210	Electret condenser, Ø9.7 mm	Pressure	Lavalier, Vocal	Omnidirectional	30 Hz-18 kHz	NA	NA	-46 dBV/Pa
FH12 (S)	Dynamic	Pressure Gradient	Handheld vocal	Supercardioid	50 Hz-16 kHz	NA	NA	-56 dBV/Pa
FI10	Dynamic	Pressure Gradient	Handheld vocal	Supercardioid	50 Hz-18 kHz	NA	NA	-56 dBV/Pa
FK2	Dynamic	Pressure Gradient	Kick drum	Supercardioid	30 Hz-10 kHz	NA	NA	-62 dBV/Pa
FS6	Dynamic	Pressure Gradient	Snare drum	Supercardioid	50 Hz-16 kHz	NA	NA	-55 dBV/Pa
FT4	Dynamic	Pressure Gradient	Tom-tom	Supercardioid	20 Hz-12.5 kHz	NA	NA	-55 dBV/Pa
HI10	Electret condenser, Ø14 mm	Pressure Gradient	Pencil Type, Cymbal	Cardioid	50 Hz-18 kHz	NA	NA	-38 dBV/Pa
HO8	Electret condenser, Ø14 mm	Pressure Gradient	Cymbal, Vocal	Supercardioid	40 Hz-18 kHz	NA	NA	-39 dBV/Pa
LINDA	Dynamic	Pressure Gradient	Anti-rolling, Champagne silver, Karaoke	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa (2 mV)
PRA116B	Electret condenser, Ø9.7 mm	Interference tube	Battery power	Shotgun	50 Hz-14 kHz	80 Hz	NA	-41 dBV/Pa
PRA118S	Electret condenser, Ø14 mm	Interference tube	Short shotgun	Shotgun	30 Hz-16 kHz	NA	NA	-35 dBV/Pa
PRA118/L	Electret condenser, Ø14 mm	Interference tube	Long shotgun	Shotgun	30 Hz-16 kHz	NA	NA	-33 dBV/Pa
PRA20	Dynamic	Pressure Gradient	Headworn	Cardioid	50 Hz-15 kHz	NA	NA	-64 dBV/Pa
PRA218A	Dynamic	Pressure Gradient	Kick drum, 134 dB	Supercardioid	20 Hz-12.5 Hz	NA	NA	-53 dBV/Pa
PRA218B	Dynamic	Pressure Gradient	Kick drum, 146 dB	Supercardioid	30 Hz-10 kHz	NA	NA	-61 dBV/Pa
PRA228A	Dynamic	Pressure Gradient	Tom-tom	Supercardioid	50 Hz-16 kHz	NA	NA	-53 dBV/Pa
PRA268A	Electret condenser, Ø9.7 mm	Pressure Gradient	Cymbal	Supercardioid	50 Hz-16 kHz	NA	NA	-43 dBV/Pa
PRA288A	Dynamic	Pressure Gradient	Snare drum	Cardioid	80 Hz-20 kHz	NA	NA	-56 dBV/Pa
PRA30	Electret condenser, Ø14 mm	Pressure Gradient	Headworn	Supercardioid	50 Hz-15 kHz	NA	NA	-35 dBV/Pa
PRA318S/L	Dynamic	Pressure	Interview	Omnidirectional	50 Hz-15 kHz	NA	NA	-53 dBV/Pa
PRA383	Electret condenser, Ø9.7 mm	Pressure Gradient	Instrument, Gooseneck	Cardioid	40 Hz-18 kHz	NA	NA	-44 dBV/Pa
PRA418	Electret condenser, Ø9.7 mm	Pressure	Boundary	Omnidirectional	30 Hz-20 kHz	80 Hz(PS418D)	NA	-42 dBV/Pa -44 dBV/Pa
PRA428	Electret condenser, Ø9.7 mm	Pressure Gradient	Boundary	Cardioid	50 Hz-20 kHz	80 Hz(PS418D)	NA	-44 dBV/Pa -45 dBV/Pa
PRA448 (S)	Dynamic	Pressure	Flush mount	Omnidirectional	150 Hz-4.5k Hz	NA	NA	-45 dBV/Pa
PRA518S / M / L	Electret condenser, Ø6 mm	Pressure Gradient	Gooseneck	Cardioid	50 Hz-16 kHz	NA	NA	-39 dBV/Pa
PRA52	Electret condenser, Ø9.7 mm	Pressure Gradient	Hanging mic	Cardioid	40 Hz-18 kHz	NA	NA	-43 dBV/Pa
PRA528CM / L	Electret condenser, Ø9.7 mm	Pressure Gradient	Gooseneck	Cardioid	50 Hz-16 kHz	NA	NA	-39 dBV/Pa
PRA528DS	Electret condenser, Ø9.7 mm	Pressure Gradient	Gooseneck with base	Cardioid	50 Hz-16 kHz	NA	NA	-35 dBV/Pa
PRA535(NC)	Dynamic	Pressure	Handheld, Noise-cancelling	Omnidirectional	100 Hz-5 kHz	NA	NA	-66 dBV/Pa
PRA538S / M	Dynamic	Pressure Gradient	Super durable gooseneck	Supercardioid	100 Hz-15 kHz	NA	NA	-58 dBV/Pa
PRA618M / L	Dynamic	Pressure Gradient	Gooseneck	Supercardioid	100 Hz-10 kHz	NA	NA	-56 dBV/Pa
PRA628MKII	Dynamic	Pressure Gradient	Instrument, Flat grille net	Supercardioid	80 Hz-18 kHz	NA	NA	-55 dBV/Pa
PRA638	Electret condenser, Ø16 mm	Pressure Gradient	Instrument, Flat grille net	Cardioid	50 Hz-20 kHz	NA	NA	-42 dBV/Pa
PRAC	Dynamic	Pressure Gradient	Handheld vocal	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
PRAD	Dynamic	Pressure Gradient	Handheld vocal	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
PRO108	Dynamic	Pressure Gradient	Transformer output	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
PRO108T	Dynamic	Pressure Gradient	Transformer output, Chrome plate	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
PRO218A	Dynamic	Pressure Gradient	Kick drum, 174 dB	Supercardioid	20 Hz-10 kHz	NA	NA	-64 dBV/Pa
PRO228A	Dynamic	Pressure Gradient	Tom-tom, Snare drum, 150 dB	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
PRO238 MKII	True Condenser, 1"	Pressure Gradient	Handheld, Large Diaphragm	Cardioid	20 Hz-20 kHz	100 Hz (internal)	NA	-40 dBV/Pa
PRO238C	Electret condenser, Ø14 mm	Pressure Gradient	Handheld vocal	Cardioid	50 Hz-16 kHz	NA	NA	-44 dBV/Pa
PRO248 / S	Dynamic	Pressure Gradient	Handheld vocal	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
PRO258	Dynamic	Pressure Gradient	Instrument	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
PRO268B	Electret condenser, Ø16 mm	Pressure Gradient	Cymbal, Instrument	Cardioid	40 Hz-20 kHz	80 Hz	-10 dB	-43 dBV/Pa
PROH7F MKII	Dynamic	Pressure Gradient	Classic Mic	Supercardioid	50 Hz-15 kHz	NA	NA	-55 dBV/Pa
R102	Ribbon, 2.5uM	Pressure Gradient	Active ribbon	Figure 8	25 Hz-15 kHz	NA	NA	-40 dBV/Pa
R102 MKII	Ribbon, 2.5uM	Pressure Gradient	Active ribbon	Figure 8	20 Hz-18 kHz	NA	NA	-40 dBV/Pa
RUBY	Dynamic	Pressure Gradient	Anti-rolling, Red, Karaoke	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
S125	True Condenser, 1/2"	Pressure Gradient	Handheld Vocal	Cardioid	20 Hz-20 kHz	150 Hz (internal)	-10 dB (internal)	-45 dBV/Pa
S241	True Condenser, 1/2"	Pressure Gradient	Interchangeable capsule, Instrument	Cardioid, Omnidirectional	20 Hz-20 kHz	75 Hz, 150 Hz	-10 dB -20 dB	-35 dBV/Pa
S502	True Condenser, 1/2"	Pressure Gradient	ORTF Stereo	Cardioid + Cardioid	40 Hz-20 kHz	NA	NA	-36 dBV/Pa
TOM'S	Dynamic	Pressure Gradient	Anti-rolling, Black, Karaoke	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
TOM'S II	Dynamic	Pressure Gradient	Anti-rolling, Grey, Karaoke	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
TOM'S III	Dynamic	Pressure Gradient	Anti-rolling, Blue, Karaoke	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
TOM'S FC	Dynamic	Pressure Gradient	Anti-rolling, Permanent 6-meter cable, Karaoke	Supercardioid	20 Hz-12.5 kHz	NA	NA	-55 dBV/Pa
TOM'S FG	Dynamic	Pressure Gradient	Anti-rolling, Permanent 6-meter cable, Karaoke	Supercardioid	20 Hz-12.5 kHz	NA	NA	-55 dBV/Pa
TOM'S PC	Dynamic	Pressure Gradient	Anti-rolling, Sold as pair, Karaoke	Supercardioid	50 Hz-15 kHz	NA	NA	-53 dBV/Pa
TOM'S PG	Dynamic	Pressure Gradient	Anti-rolling, Sold as pair, Karaoke	Supercardioid	50 Hz-15 kHz	NA	NA	-53 dBV/Pa
TOP248	Dynamic	Pressure Gradient	Handheld vocal	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
TOP258	Dynamic	Pressure Gradient	Instrument	Supercardioid	50 Hz-16 kHz	NA	NA	-54 dBV/Pa
WH5	Dynamic	Pressure Gradient	Drum Vocal Instrument	Supercardioid	30 Hz-10 kHz 50 Hz-16 kHz 20 Hz-12.5 kHz	NA	NA	-62 dBV/Pa -54 dBV/Pa -55 dBV/Pa
WO518	Electret condenser, Ø6 mm	Pressure	Lavalier	Omnidirectional	20 Hz-20 kHz	NA	NA	-32 dBV/Pa
WU518	Electret condenser, Ø6 mm	Pressure Gradient	Lavalier	Cardioid	60 Hz-15 kHz	NA	NA	-33 dBV/Pa

Model No.	Impedance	Min. Load Impedance	S/N Ratio	Equivalent Output Noise	Max. SPL	Dynamic Range	Phantom Power	Finish	Connector	Dimensions (mm)	Net Weight
ECO88S	500 Ω	500 Ω	NA	NA	130 dB	NA	NA	Titanium blue	XLR3M	Ø54 x 180	250 g
ECOA1	500 Ω	500 Ω	NA	NA	130 dB	NA	NA	Black	XLR3M	Ø51 x 175	210 g
EM210	1k Ω	2k Ω	NA	NA	110 dB	NA	1.5V-6V, 0.5 mA	Black	3.5 mm	Ø13.5 x 20.5	25 g
FH12 (S)	250 Ω	250 Ω	NA	NA	134 dB	NA	NA	Grey	XLR3M	Ø49 x 177	400 g
FI10	250 Ω	250 Ω	NA	NA	134 dB	NA	NA	Grey	XLR3M	Ø49 x 173	395 g
FK2	200 Ω	200 Ω	NA	NA	147 dB	NA	NA	Grey	XLR3M	Ø54.5 x 116.5	210 g
FS6	200 Ω	200 Ω	NA	NA	140 dB	NA	NA	Grey	XLR3M	Ø47 x 104.5	130 g
FT4	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Grey	XLR3M	Ø47 x 104.5	130 g
HI10	200 Ω	1k Ω	69 dB	25 dB	134 dB	109 dB	12-52V DC, 5 mA	Grey	XLR3M	Ø21 x 94	120 g
HO8	200 Ω	1k Ω	74 dB	20 dB	136 dB	116 dB	12-52V DC, 3 mA	Grey	XLR3M	Ø54 x 170	320 g
LINDA	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Champagne silver	XLR3M	Ø55 x 180	362 g
PRA116B	600 Ω	2k Ω	74 dB	20 dB	119 dB	99 dB	1.5V AA, 0.5 mA	Black	XLR3M	Ø21x370	220 g
PRA118S	200 Ω	1k Ω	74 dB	20 dB	134 dB	114 dB	12-52V DC, 3 mA	Black	XLR3M	Ø20 x 340	200 g
PRA118/L	200 Ω	1k Ω	76 dB	18 dB	130 dB	112 dB	12-52V DC, 3 mA	Black	XLR3M	Ø20 x 540	250 g
PRA20	200 Ω	1k Ω	NA	NA	136 dB	NA	NA	Black	3.5 mm/ TA4F x LR3M	Grille Net Ø16155 x 120	65 g
PRA218A	500 Ω	500 Ω	NA	NA	134 dB	NA	NA	Black	XLR3M	Ø43 x 120	210 g
PRA218B	200 Ω	200 Ω	NA	NA	148 dB	NA	NA	Black	XLR3M	Ø58 x 140	375 g
PRA228A	500 Ω	500 Ω	NA	NA	134 dB	NA	NA	Black	XLR3M	Ø42 x 110	185 g
PRA268A	200 Ω	1k Ω	69 dB	25 dB	137 dB	112 dB	12-52V DC, 4 mA	Black	XLR3M	Ø29 x 165	180 g
PRA288A	500 Ω	500 Ω	NA	NA	140 dB	NA	NA	Titanium blue	XLR3M	Ø29 x 107	110 g
PRA30	200 Ω	1k Ω	NA	NA	NA	NA	1.5-9V DC, 0.5 mA	Black	3.5 mm/TA3F/TA4F	Grille Net Ø17.8 155 x 120	65 g
PRA318S/L	500 Ω	500 Ω	NA	NA	140 dB	NA	NA	Black	XLR3M	Ø34 x 180 Ø34 x 230	110 g 140 g
PRA383	200 Ω	1k Ω	NA	NA	NA	NA	3-12V DC, 0.5 mA	Black	TA3F / TA4F	Ø20 x 150	160 g
PRA418	200 Ω / 600 Ω	1k Ω 2k Ω	68 dB	26 dB	132 dB 118 dB	106 dB 92 dB	9-52V DC, 2 mA 1.5V AA, 4.5 mA	Black	TA3M	Ø65 x 15	80 g
PRA428	200 Ω / 600 Ω	1k Ω 2k Ω	66 dB	28 dB	134 dB 120 dB	106 dB 92 dB	9-52V DC, 2 mA 1.5V AA, 4.5 mA	Black	TA3M	64 x 92 x 16	110 g
PRA448 (S)	500 Ω	1k Ω	NA	NA	135 dB	NA	NA	Steel original	Open end	115 x 70 x 33	80 g
PRA518S / M / L	200 Ω	1k Ω	68 dB	26 dB	130 dB	104 dB	9-52V DC, 3 mA	Black	XLR3M	Grille Net Ø8 Length 300, 450, 600	120 g / 140g / 155g
PRA52	600 Ω	2k Ω	70 dB	24 dB	132 dB	108 dB	12-52V DC, 4 mA	Black/White	XLR3M	Ø12 x 27	220 g
PRA528CM / L	200 Ω	1k Ω	68 dB	26 dB	132 dB	106 dB	9-52V DC, 3 mA	Black	XLR3M	Grille Net Ø12.5 Length 450, 600	150-220 g
PRA528DS	200 Ω / 600 Ω	1k Ω 2k Ω	70 dB	24 dB	124 dB 114 dB	100 dB 90 dB	12-52V DC, 3 mA 1.5V AA, 1.2 mA	Black	XLR3M	Grille Net Ø29 Height 460	1,000 g
PRA535(NC)	200 Ω	1k Ω	NA	NA	145 dB	NA	NA	Black	Open end/6.3 mm	67 x 94 x 50	250 g
PRA538S / M	500 Ω	2k Ω	NA	NA	135 dB	NA	NA	Black	Open end	Grille Net Ø32 Length 400, 580	490 g / 530 g
PRA618M / L	500 Ω	2k Ω	NA	NA	140 dB	NA	NA	Black	XLR3M	Grille Net Ø40.5 Length 450, 600	250 g / 320 g
PRA628MKII	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Black	XLR3M	Ø60 x 127 x 36	168 g
PRA638	200 Ω	1k Ω	70 dB	24 dB	146 dB	122 dB	12-52V DC, 3.5 mA	Black	XLR3M	Ø60x 130 x 35	190 g
PRAC	200 Ω	1k Ω	NA	NA	140 dB	NA	NA	Grey	XLR3M	Ø53 x 180	363 g
PRAD	200 Ω	1k Ω	NA	NA	140 dB	NA	NA	Grey	XLR3M	Ø53 x 180	370 g
PRO108	300 Ω	300 Ω	NA	NA	150 dB	NA	NA	Titanium grey	XLR3M	Ø54 x 180	340 g
PRO108T	300 Ω	300 Ω	NA	NA	150 dB	NA	NA	Chrome	XLR3M	Ø54 x 180	340 g
PRO218A	45 Ω	150 Ω	NA	NA	174 dB	NA	NA	Titanium blue	XLR3M	Ø58 x 140	350 g
PRO228A	300 Ω	300 Ω	NA	NA	150 dB	NA	NA	Titanium blue	XLR3M	Ø43 x 123	180 g
PRO238 MKII	200 Ω	1k Ω	78 dB	16 dB	136 dB	120 dB	48V DC, 3.5 mA	Titanium grey	XLR3M	Ø50 x 182	350 g
PRO238C	200 Ω	1k Ω	70 dB	24 dB	136 dB	112 dB	9-52V DC, 3 mA	Titanium blue	XLR3M	Ø45 x 180	240 g
PRO248 / S	300 Ω	300 Ω	NA	NA	150 dB	NA	NA	Titanium blue	XLR3M	Ø52 x 165	270 g / 285 g
PRO258	300 Ω	300 Ω	NA	NA	150 dB	NA	NA	Titanium blue	XLR3M	Ø42 x 165	280 g
PRO268B	200 Ω	1k Ω	69 dB	25 dB	140 dB	115 dB	12-52V DC, 2 mA	Titanium blue	XLR3M	Ø29 x 240	270 g
PROH7FMKII	300 Ω	1k Ω	NA	NA	134 dB SPL	NA	NA	Chrome	XLR3M	56 x 191 x 67.5 mm	520 g
R102	250 Ω	1k Ω	76 dB	18 dB	138 dB	120 dB	48V DC, 4 mA	Titanium grey	XLR3M	60 x 44 x 196	500 g
R102 MKII	250 Ω	1k Ω	76 dB	18 dB	138 dB	120 dB	48V DC, 4 mA	Titanium grey	XLR3M	60 x 44 x 196	500 g
RUBY	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Red	XLR3M	Ø55 x 180	362 g
S125	250 Ω	1k Ω	76 dB	18 dB	148 dB	130 dB	48V DC, 3.5 mA	Titanium grey	XLR3M	Ø48 x 180	350 g
S241	200 Ω	1k Ω	78 dB	16 dB	143 dB	127 dB	48V DC, 3 mA	Titanium grey	XLR3M	Ø22 x 155	220 g
S502	200 Ω	1k Ω	76 dB	18 dB	135 dB	117 dB	48V DC, 4.5 mA	Black	XLR5M	Grille Net Ø22.5 / 184.5 x 66.8	245 g
TOM'S	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Black	XLR3M	Ø55 x 180	362 g
TOM'S II	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Grey	XLR3M	Ø55 x 180	362 g
TOM'S III	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Blue	XLR3M	Ø55 x 180	362 g
TOM'S FC	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Chrome	XLR3M	Ø55 x 172	778 g
TOM'S FG	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Grey	XLR3M	Ø55 x 172	778 g
TOM'S PC	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Chrome	XLR3M	Ø55 x 180	382.5 g
TOM'S PG	200 Ω	200 Ω	NA	NA	150 dB	NA	NA	Grey	XLR3M	Ø55 x 180	382.5 g
TOP248	300 Ω	300 Ω	NA	NA	150 dB	NA	NA	Black	XLR3M	Ø54 x 180	340 g
TOP258	300 Ω	300 Ω	NA	NA	150 dB	NA	NA	Black	XLR3M	Ø54 x 180	345 g
WH5	200 Ω	200 Ω	NA	NA	147 dB 134 dB 134 dB	NA	NA	Chrome	XLR3M	80 x 76.5 x 200	750 g
WO518	200 Ω	1k Ω	NA	NA	NA	NA	1.5V - 9V DC, 0.5 mA	Black	TA3F / TA4F	Ø8 x 12	20 g
WU518	200 Ω	1k Ω	NA	NA	NA	NA	1.5V - 9V DC, 0.5 mA	Black	TA3F / TA4F	Ø8 x 12	20 g

Headphone Specifications

Headphones

Model No.	Specialties	Type	Drivers	Sensitivity	Frequency Response	Max. Input Power	Rated Impedance	Ear Pad
HD251V	Music appreciation	In-ear	13.5 mm, Neodymium	110 dB SPL	20 Hz-20 kHz	50 mW	16 Ω	1 pair of ear pads
HD330	Music appreciation	Semi-open	40 mm, Neodymium	96 dB SPL	10 Hz-30 kHz	100 mW	150 Ω	Leatherette
HD381	Music appreciation	In-ear	13.5 mm, Neodymium	103 dB SPL	20 Hz-20 kHz	50 mW	16 Ω	3 pairs of ear adapters: small, medium, large
HD381B	Music appreciation, Monitoring	In-ear	13.5 mm, Neodymium	103 dB SPL	20 Hz-20 kHz	50 mW	16 Ω	3 pairs of ear adapters: small, medium, large
HD381F	Music appreciation	In-ear	13.5 mm, Neodymium	103 dB SPL	20 Hz-20 kHz	50 mW	16 Ω	3 pairs of ear adapters: small, medium, large
HD386	Music appreciation, Multiple colors	In-ear	13.5 mm, Neodymium	103 dB SPL	20 Hz-20 kHz	50 mW	16 Ω	3 pairs of ear adapters: small, medium, large
HD391NC	Music appreciation	Noise-cancelling, In-ear	13.5 mm, Neodymium	103 dB SPL	20 Hz-20 kHz	50 mW	16 Ω	3 pairs of ear adapters: small, medium, large
HD440	Music appreciation	Closed-back	40 mm, Neodymium	96 dB SPL	20 Hz-20 kHz	100 mW	150 Ω	Leatherette
HD531	DJ monitoring	Closed-back	51 mm, Neodymium	101 dB SPL	20 Hz-20 kHz	3,000 mW	40 Ω	Leatherette
HD531B	DJ monitoring	Closed-back	51 mm, Neodymium	101 dB SPL	20 Hz-20 kHz	3,000 mW	40 Ω	Leatherette
HD551	Music appreciation	Closed-back	37 mm, Neodymium	102 dB SPL	20 Hz-20 kHz	200 mW	32 Ω	Soft rubber
HD551B	Music appreciation	Closed-back	37 mm, Neodymium	102 dB SPL	20 Hz-20 kHz	200 mW	32 Ω	Soft rubber
HD551F	Music appreciation	Closed-back	37 mm, Neodymium	102 dB SPL	20 Hz-20 kHz	200 mW	32 Ω	Soft rubber
HD572	Monitoring, Folded	Closed-back	30 mm, Neodymium	99 dB SPL	20 Hz-20 kHz	200 mW	24 Ω	Leatherette
HD572B	Monitoring, Folded	Closed-back	30 mm, Neodymium	99 dB SPL	20 Hz-20 kHz	200 mW	24 Ω	Leatherette
HD651	Music appreciation, Multiple colors	Closed-back	40 mm, Neodymium	98 dB SPL	20 Hz-20 kHz	200 mW	32 Ω	Leatherette
HD660	Studio	Closed-back	40 mm, Neodymium	96 dB SPL	10 Hz-30 kHz	100 mW	150 Ω	Leatherette
HD661	Studio	Closed-back	40 mm, Neodymium	102 dB SPL	10 Hz-20 kHz	200 mW	68 Ω	Leatherette
HD662	Studio	Closed-back	50 mm, Neodymium	98 dB SPL	10 Hz-30 kHz	200 mW	32 Ω	Leatherette
HD662B	Studio	Closed-back	50 mm, Neodymium	98 dB SPL	10 Hz-30 kHz	300 mW	32 Ω	Leatherette
HD662F	Studio	Closed-back	50 mm, Neodymium	98 dB SPL	10 Hz-30 kHz	300 mW	32 Ω	Leatherette
HD668B	Studio	Semi-open	50 mm, Neodymium	98 dB SPL	10 Hz-30 kHz	300 mW	56 Ω	Leatherette
HD669	Studio	Closed-back	Ø50 mm, Neodymium	98 dB SPL	10 Hz-30 kHz	200 mW	56 Ω	Leatherette
HD681	Music appreciation	Semi-open	50 mm, Neodymium	98 dB SPL	10 Hz-30 kHz	300 mW	32 Ω	Leatherette
HD681B	Music appreciation	Semi-open	50 mm, Neodymium	98 dB SPL	10 Hz-30 kHz	300 mW	32 Ω	Leatherette
HD681F	Music appreciation	Semi-open	50 mm, Neodymium	98 dB SPL	10 Hz-30 kHz	300 mW	32 Ω	Leatherette
HMC651	Consumer headset, multiple colors	Closed-back	40 mm, Neodymium	98 dB SPL	20 Hz-20 kHz	200 mW	32 Ω	Leatherette
HMC660	Professional headset	Closed-back	40 mm, Neodymium	96 dB SPL	10 Hz-30 kHz	100 mW	150 Ω	Leatherette
HMD660	Professional headset	Closed-back	40 mm, Neodymium	96 dB SPL	10 Hz-30 kHz	100 mW	150 Ω	Leatherette

Microphones

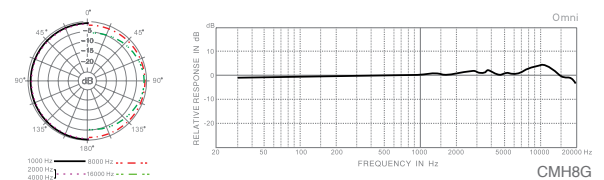
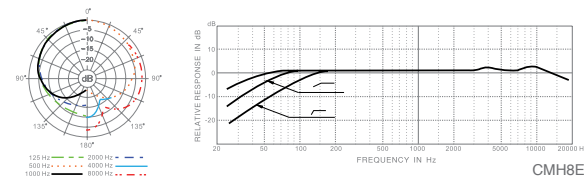
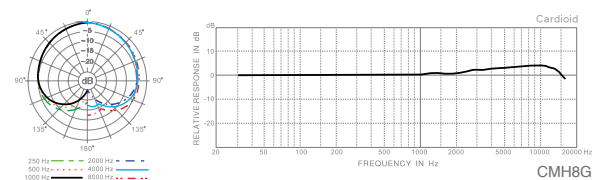
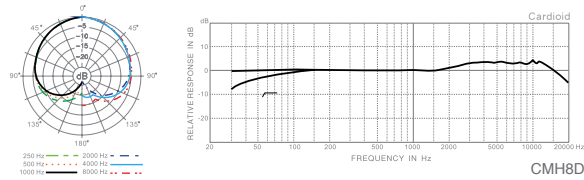
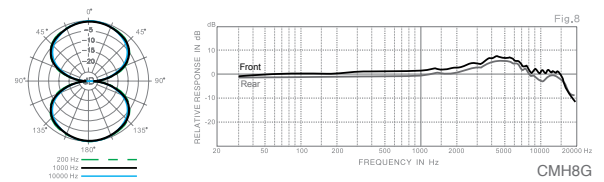
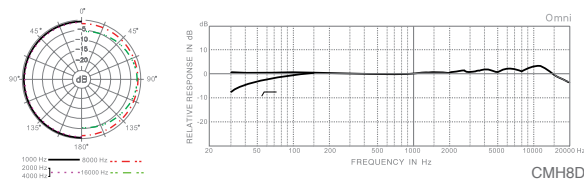
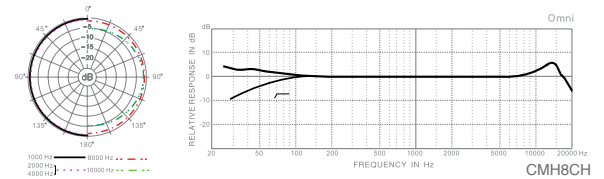
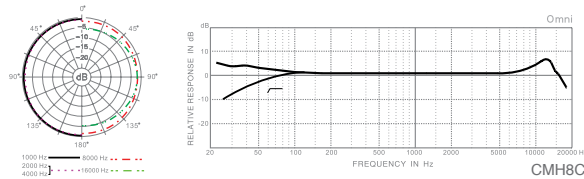
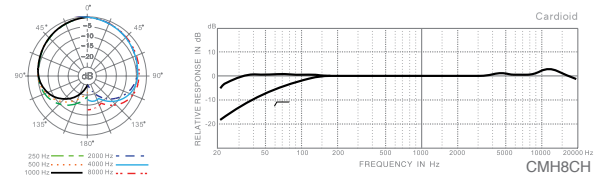
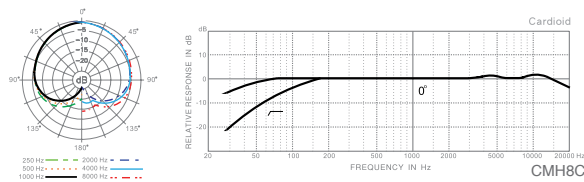
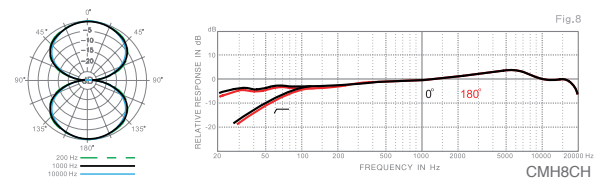
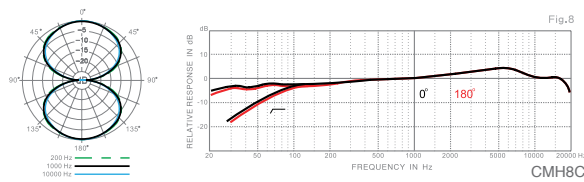
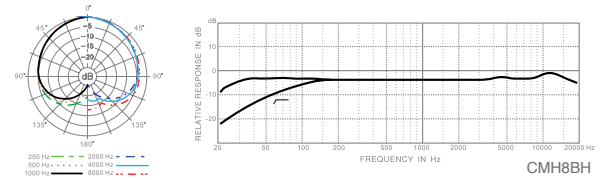
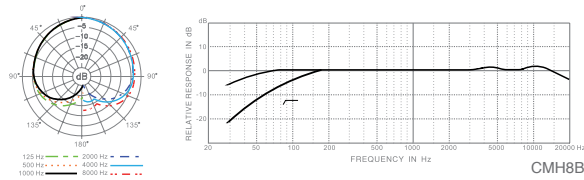
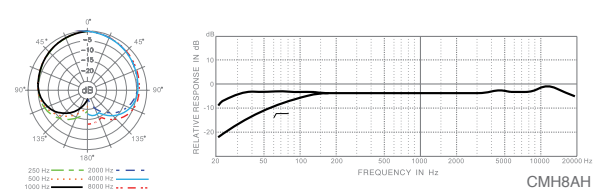
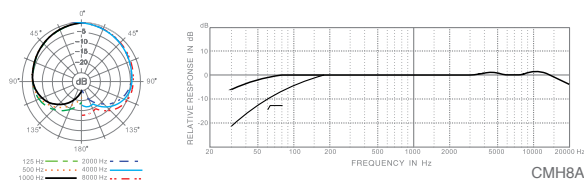
Model No.	Type	Polar Pattern	Frequency Response	Sensitivity	Max. SPL	Equivalent Noise Level	Rated Impedance	Dynamic Range	Phantom Power	Power Consumption
HMC651	Electret Condenser	Supercardioid	50 Hz-15 kHz	-40 dB/Pa (5.6 mV)	130 dB SPL	26 dB	200 Ω	104 dB	1.5-5V DC	3 mA
HMC660	Electret Condenser	Supercardioid	50 Hz-15 kHz	-40 dB/Pa (10.0 mV)	136 dB SPL	24 dB	200 Ω	112 dB	9-52V DC	3 mA
HMD660	Dynamic	Cardioid	150 Hz-10 kHz	-60 dB/Pa (1 mV)	136 dB SPL	NA	250 Ω	NA	NA	NA

Model No.	Cable	Connector	Head Band Pressure	Net Weight	Accessories Furnished	Optional Accessories
HD251V	3.3 ft. (1m)	3.5 mm	NA	16 g	1 pair of ear pads, carrying case	
HD330	10 ft. (3m) spring coiled, single sided, permanently attached	3.5 mm(Gold plated, Screw-on)	6N	300 g	3.5/6.3 mm adapter, carrying case model# A7	Ear pad kit model# EPK603
HD381	2 ft. (0.6m) straight, permanently attached and an additional 2 ft. (0.6m) extension cable	3.5 mm(Gold plated)	NA	12 g	Cable wrapper, 2 ft. (0.6m) extension cable, 3 pairs of ear pad with small, medium and large size	
HD381B	2 ft. (0.6m) straight, permanently attached and an additional 2 ft. (0.6m) extension cable	3.5 mm(Gold plated)	NA	12 g	Cable wrapper, 2 ft. (0.6m) extension cable, 3 pairs of ear pad with small, medium and large size	
HD381F	2 ft. (0.6m) straight, permanently attached and an additional 2 ft. (0.6m) extension cable	3.5 mm(Gold plated)	NA	12 g	Cable wrapper, 2 ft. (0.6m) extension cable, 3 pairs of ear pad with small, medium and large size	
HD386	4 ft. (1.2m) straight cable, permanently attached	3.5 mm 90° (Gold plated)	NA	16 g	3 pairs of ear pad with small, medium and large size, Carrying case	
HD391NC	4 ft. (1.2m) straight cable, permanently attached	3.5 mm	NA	42 g	3 pairs of ear pad with small, medium and large size, Airline adapter, AAA battery, Pouch	
HD440	8.2 ft. (2.5m) straight cable, single sided, permanently attached	3.5 mm(Gold plated, Screw-on)	4N	300 g	3.5/6.3 mm adapter, carrying case model# A7	
HD531	10 ft. (3m) spring coiled, single sided, detachable	3.5 / 6.3(Gold plated)	4.5-5N	260 g (without cable)	3.5/6.3 mm adapter, 10 ft. (3m) spring coiled cable, cable clip, soft pouch	10 ft. (3m) straight cable model# FD3YW
HD531B	10 ft. (3m) spring coiled, single sided, detachable	3.5 / 6.3(Gold plated)	4.5-5N	260 g (without cable)	3.5/6.3 mm adapter, 10 ft. (3m) spring coiled cable, cable clip, soft pouch	10 ft. (3m) straight cable model# FD3YW
HD551	10 ft. (3m) and 3.3 ft (1m) straight, single sided, detachable	3.5 mm(Gold plated)	3-3.5N	90 g (without cable)	3.5/6.3 mm adapter, 10 ft. (3m) and 3.3 ft. (1m) straight cables, cable clip, soft pouch	10 ft. (3m) spring coiled cable model# FD3YW/S
HD551B	10 ft. (3m) and 3.3 ft (1m) straight, single sided, detachable	3.5 mm(Gold plated)	3-3.5N	90 g (without cable)	3.5/6.3 mm adapter, 10 ft. (3m) and 3.3 ft. (1m) straight cables, cable clip, soft pouch	10 ft. (3m) spring coiled cable model# FD3YW/S
HD551F	10 ft. (3m) and 3.3 ft (1m) straight, single sided, detachable	3.5 mm(Gold plated)	3-3.5N	90 g (without cable)	3.5/6.3 mm adapter, 10 ft. (3m) and 3.3 ft. (1m) straight cables, cable clip, soft pouch	10 ft. (3m) spring coiled cable model# FD3YW/S
HD572	6 ft. (2m) straight cable, permanently attached	3.5 mm(Gold plated)	3.5N	130 g	3.5/6.3 mm adapter, soft pouch	
HD572B	6 ft. (2m) straight cable, permanently attached	3.5 mm(Gold plated)	3.5N	130 g	3.5/6.3 mm adapter, soft pouch	
HD651	6 ft. (2m) straight cable, single sided, permanently attached	3.5 mm(Nickel plated)	4.5N	185 g	Soft pouch	
HD660	10 ft. (3m) spring coiled, single sided, permanently attached	3.5 mm(Gold plated, Screw-on)	6N	250 g	3.5/6.3 mm adapter, carrying case model# A7	Ear pad kit model# EPK603
HD661	10 ft. (3m) and 3.3 ft (1m) straight, single sided, detachable	3.5 mm(Gold plated)	4.5N	190 g (without cable)	3.5/6.3 mm adapter, 10 ft. (3m) and 3.3 ft. (1m) straight cables, cable clip, soft pouch	Ear pad kit model# EPK604, 10 ft. (3m) spring coiled cable model# FD3YW/S
HD662	8.2 ft. (2.5m) straight cable, single sided, permanently attached	3.5 mm(Gold plated, Screw-on)	5N	286 g	3.5/6.3 mm adapter, soft pouch	Ear pad kit model# EPK602
HD662B	8.2 ft. (2.5m) straight cable, single sided, permanently attached	3.5 mm(Gold plated, Screw-on)	5N	286 g	3.5/6.3 mm adapter, soft pouch	Ear pad kit model# EPK602
HD662F	8.2 ft. (2.5m) straight cable, single sided, permanently attached	3.5 mm(Gold plated, Screw-on)	5N	286 g	3.5/6.3 mm adapter, soft pouch	Ear pad kit model# EPK602
HD668B	10 ft. (3m) and 3.3 ft (1m) straight, single sided, detachable	3.5 mm(Gold plated)	3.5N	222 g (without cable)	3.5/6.3 mm adapter, 10 ft. (3m) and 3.3 ft. (1m) straight cables, cable clip, soft pouch	Ear pad kit model# EPK601, 10 ft. (3m) spring coiled cable model# FD3YW/S
HD669	10 ft. (3m) and 3.3 ft (1m) straight, single sided, detachable	3.5 mm(Gold plated)	5N	235 g (without cable)	3.5/6.3 mm adapter, 10 ft. (3m) and 3.3 ft. (1m) straight cables, cable clip, soft pouch	Ear pad kit model# EPK602, 10 ft. (3m) spring coiled cable model# FD3YW/S
HD681	8.2 ft. (2.5m) straight cable, single sided, permanently attached	3.5 mm(Gold plated, Screw-on)	3.5N	276 g	3.5/6.3 mm adapter, soft pouch	Ear pad kit model# EPK601
HD681B	8.2 ft. (2.5m) straight cable, single sided, permanently attached	3.5 mm(Gold plated, Screw-on)	3.5N	276 g	3.5/6.3 mm adapter, soft pouch	Ear pad kit model# EPK601
HD681F	8.2 ft. (2.5m) straight cable, single sided, permanently attached	3.5 mm(Gold plated, Screw-on)	3.5N	276 g	3.5/6.3 mm adapter, soft pouch	Ear pad kit model# EPK601
HMC651	6 ft. (2m) straight cable, single sided, permanently attached	3.5 mm(Nickel plated)	4.5N		Windscreen for microphone, soft pouch	
HMC660	10 ft. (3m) spring coiled, single sided, permanently attached	Headphone: open end or mini stereo plug(gold plated and screw-on) Microphone: open end, XLR 3-pin male or mini stereo plug	6N	315 g	S11 windscreen, carrying case model# A7	Ear pad kit model# EPK603
HMD660	10 ft. (3m) spring coiled, single sided, permanently attached	Headphone: open end or mini stereo plug(gold plated and screw-on) Microphone: open end, XLR 3-pin male or mini stereo plug	6N	315 g	S11 windscreen, carrying case model# A7	Ear pad kit model# EPK603

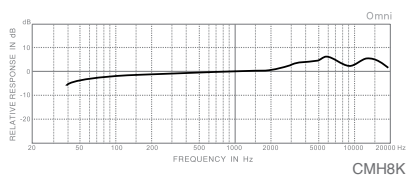
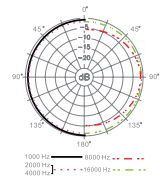
Polar Pattern & Frequency Response Charts

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CMH8B
CMH8C
CMH8D
CMH8E

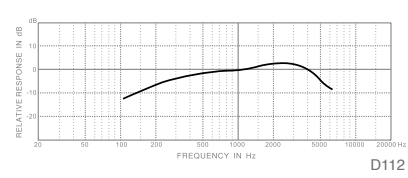
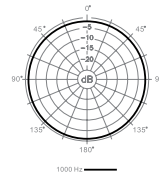
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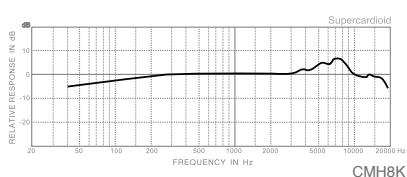
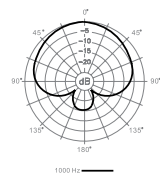
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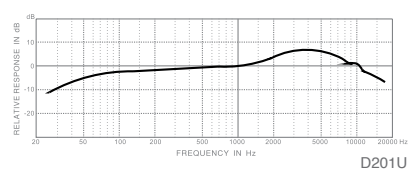
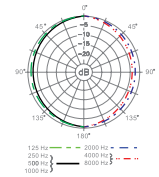
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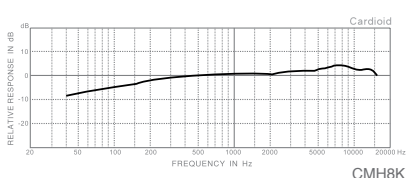
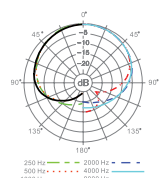
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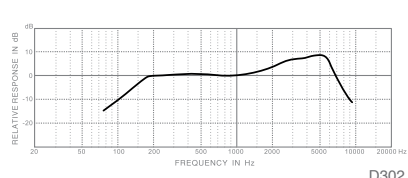
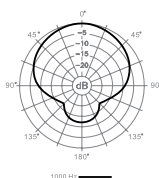
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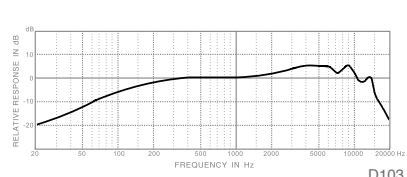
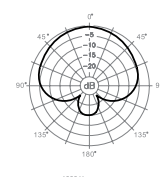
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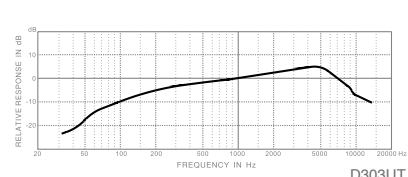
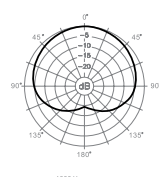
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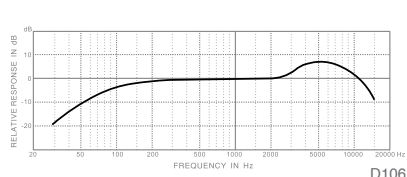
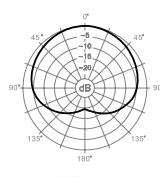
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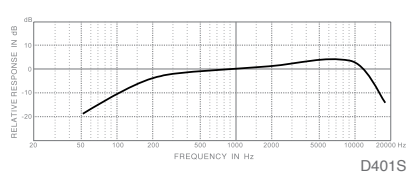
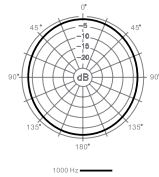
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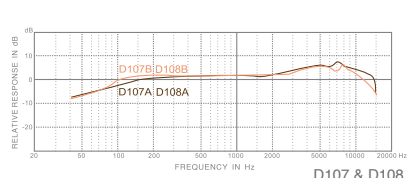
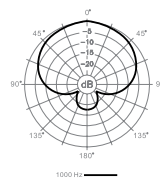
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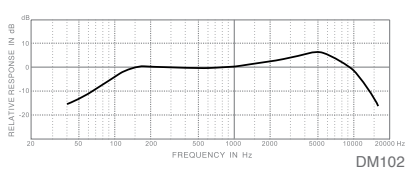
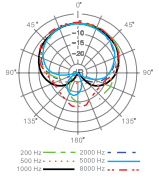
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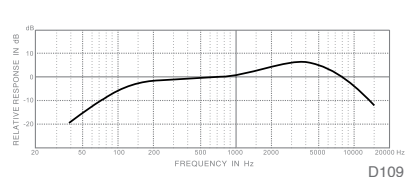
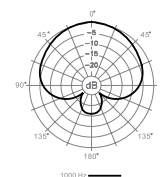
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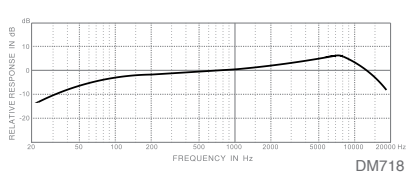
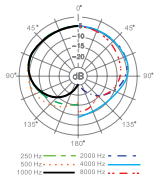
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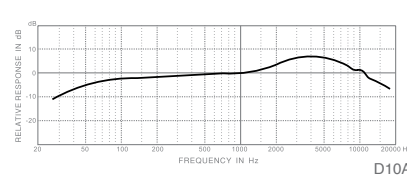
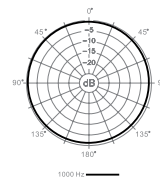
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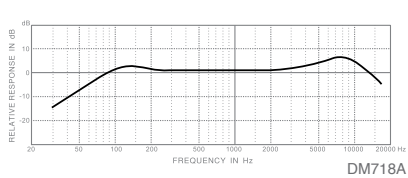
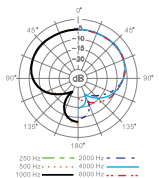
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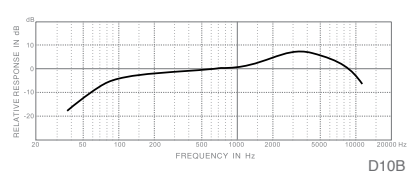
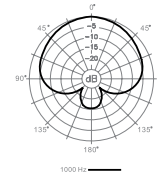
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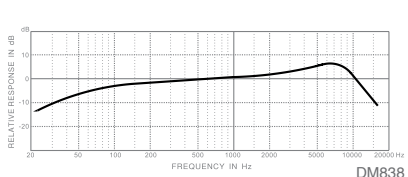
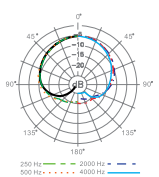
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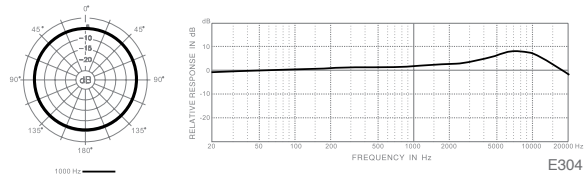
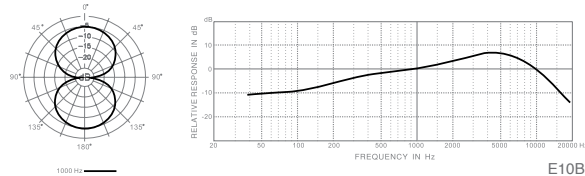
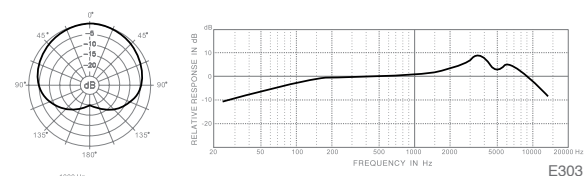
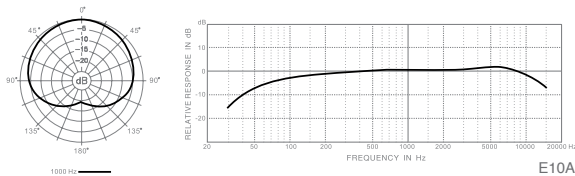
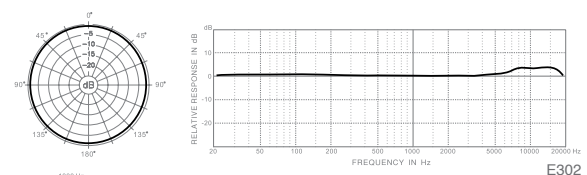
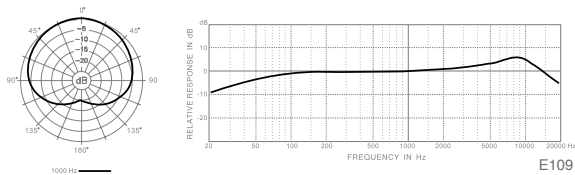
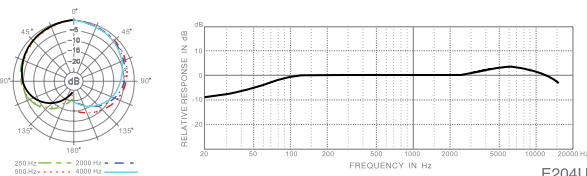
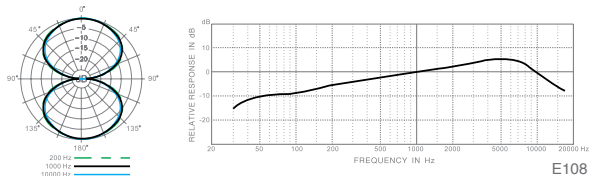
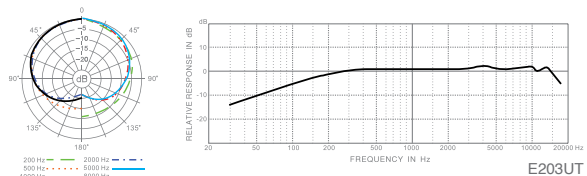
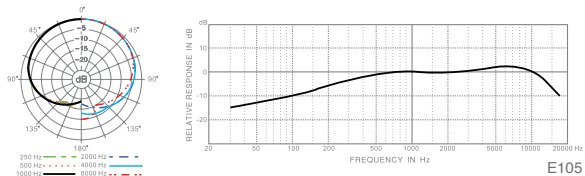
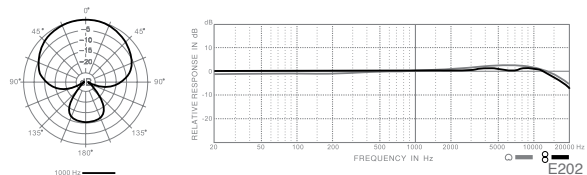
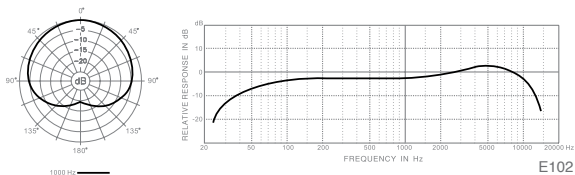
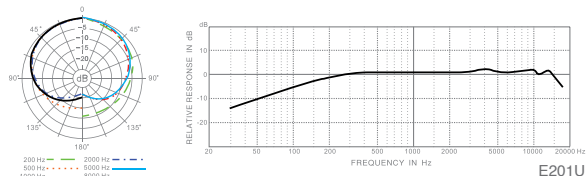
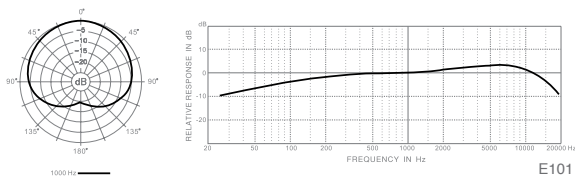
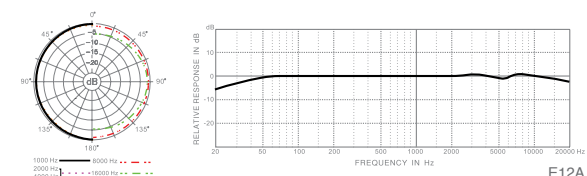
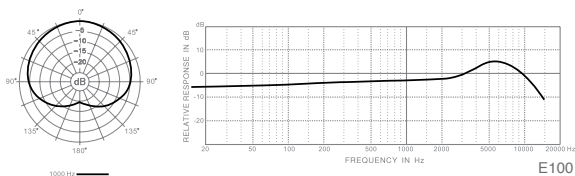
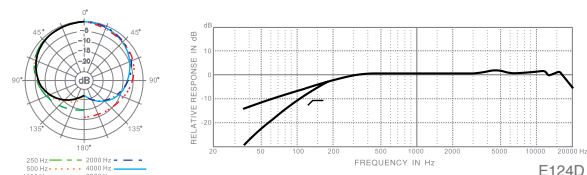
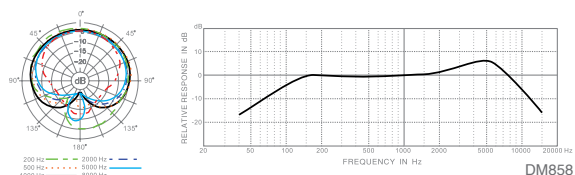
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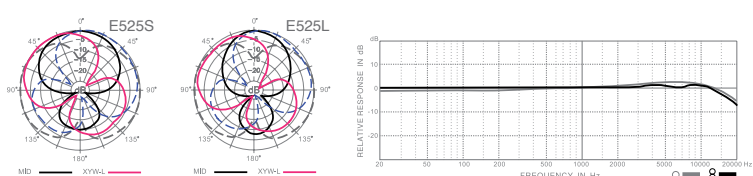
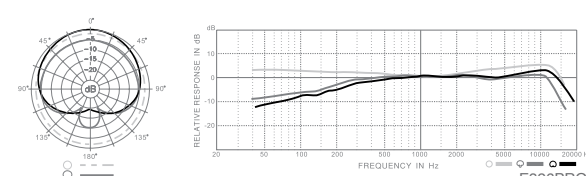
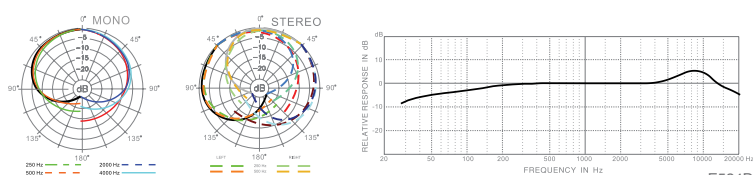
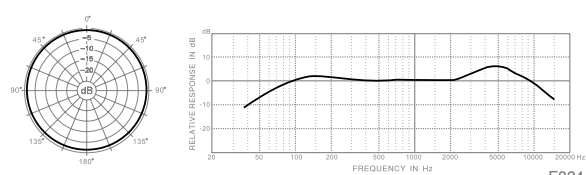
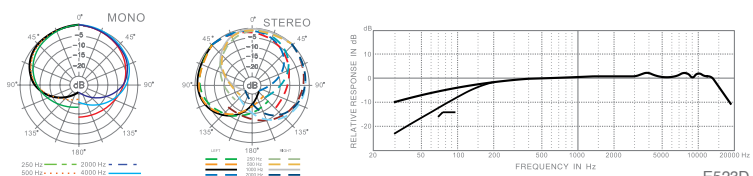
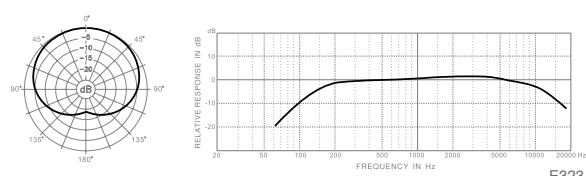
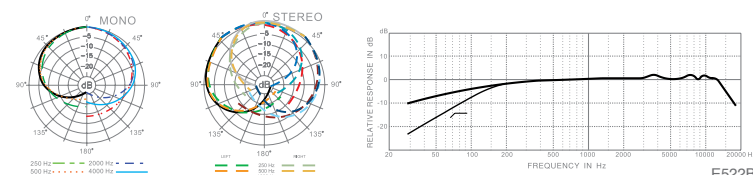
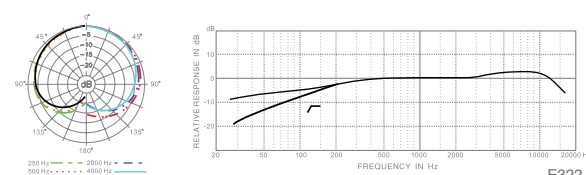
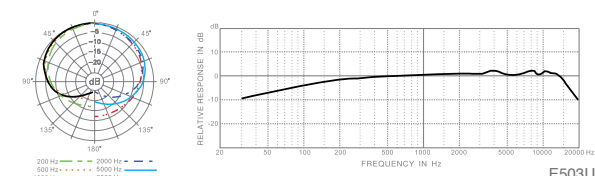
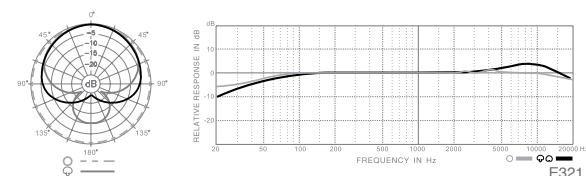
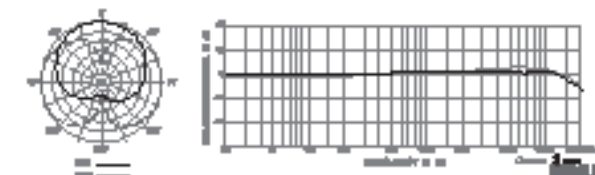
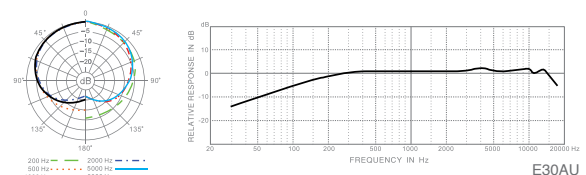
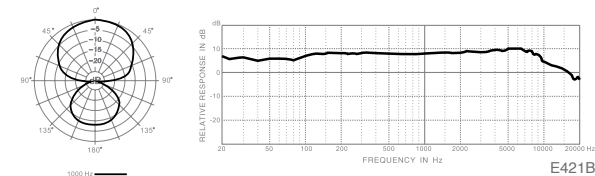
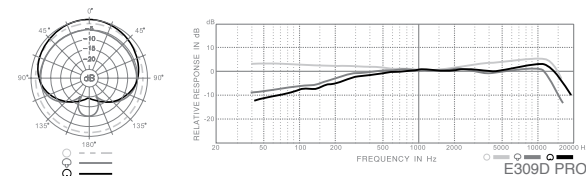
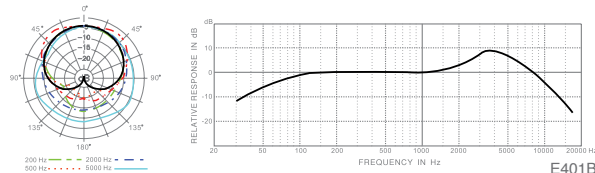
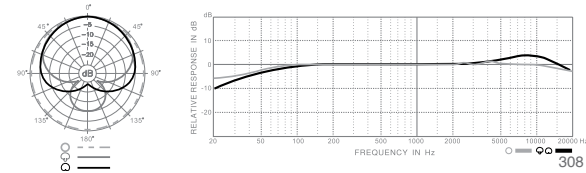
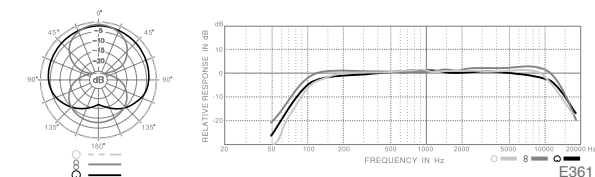
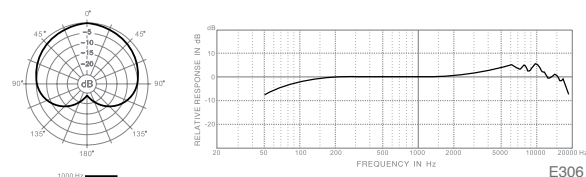
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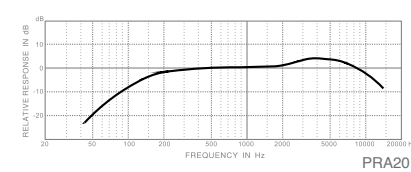
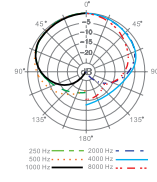
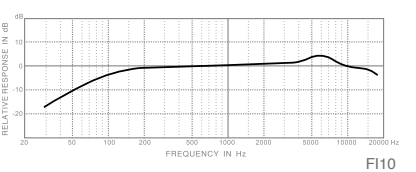
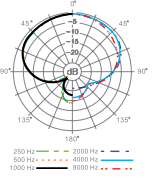
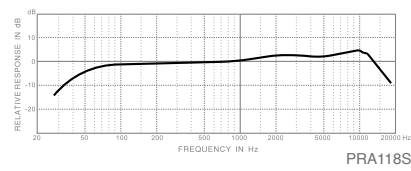
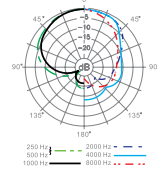
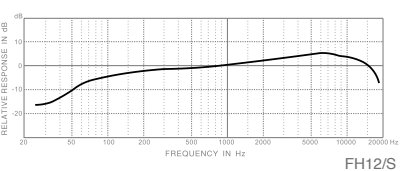
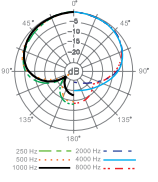
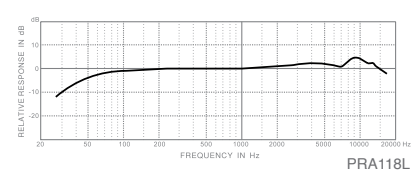
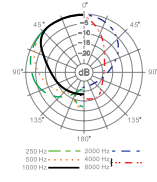
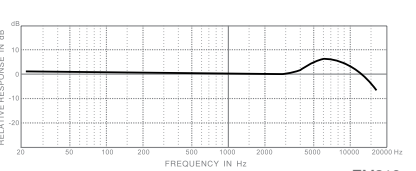
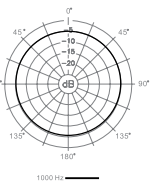
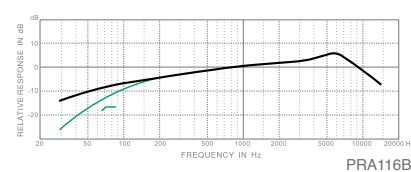
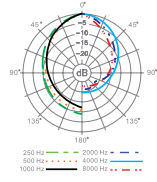
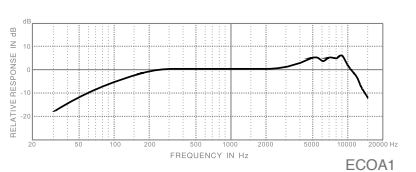
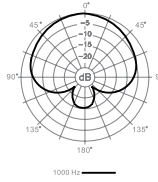
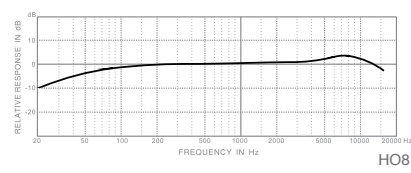
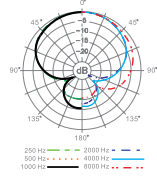
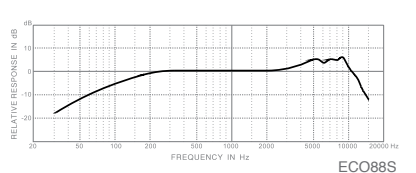
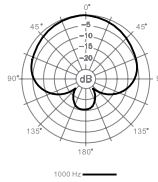
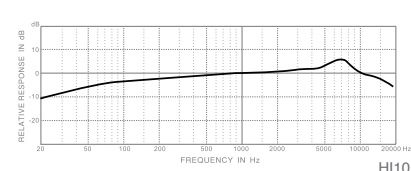
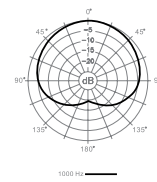
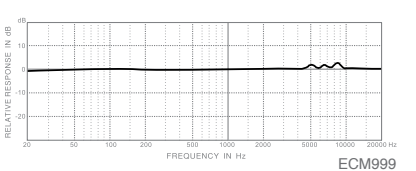
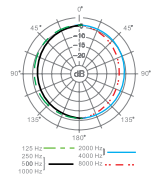
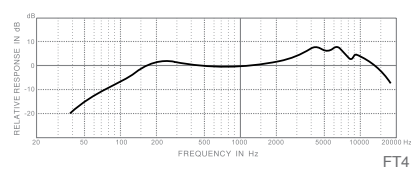
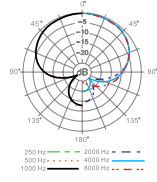
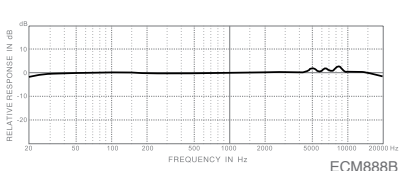
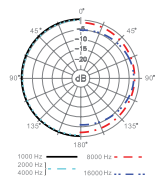
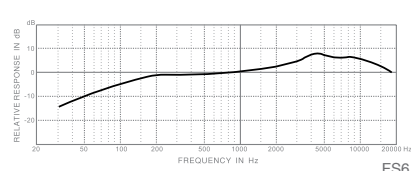
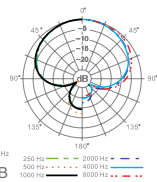
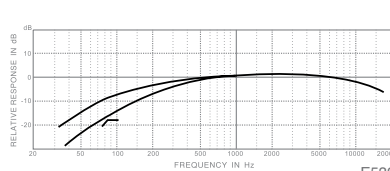
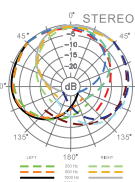
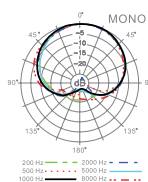
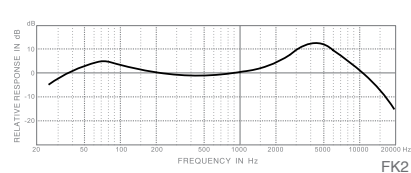
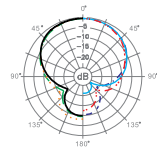
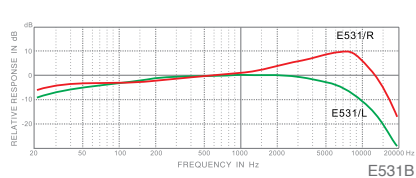
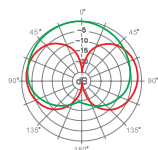
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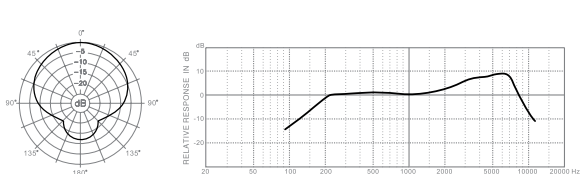
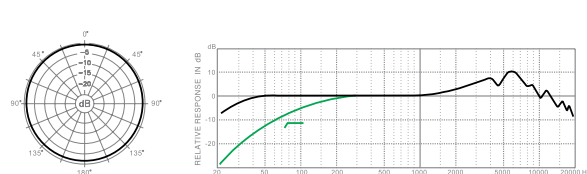
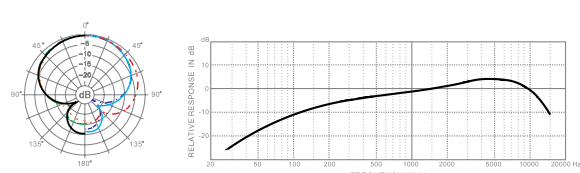
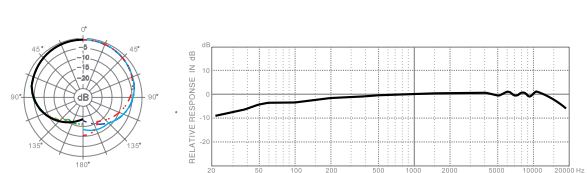
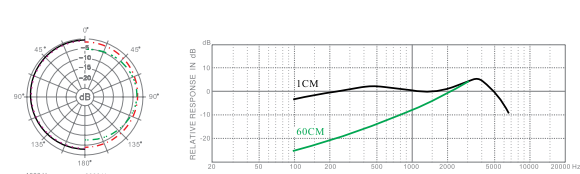
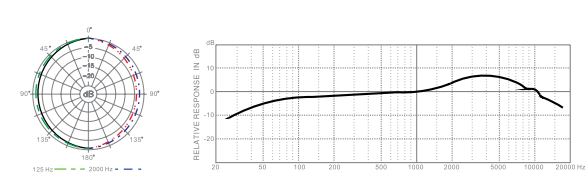
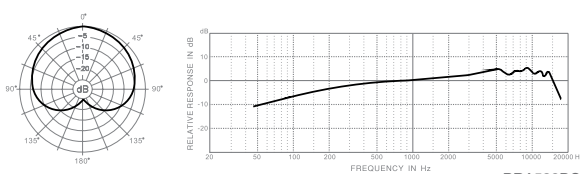
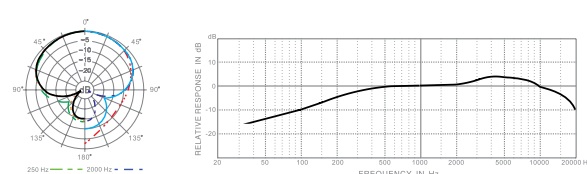
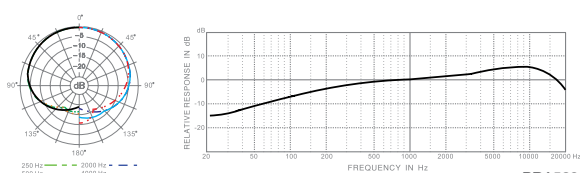
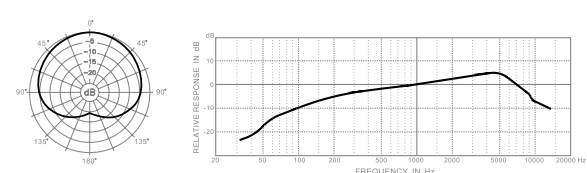
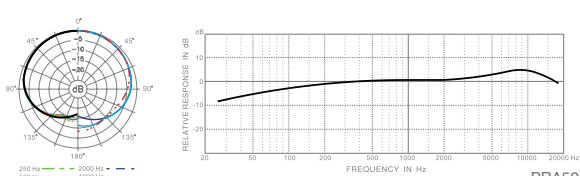
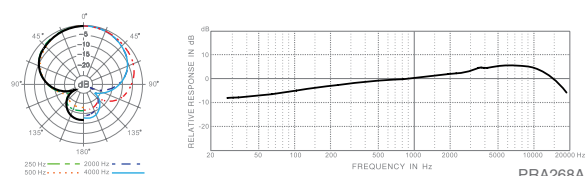
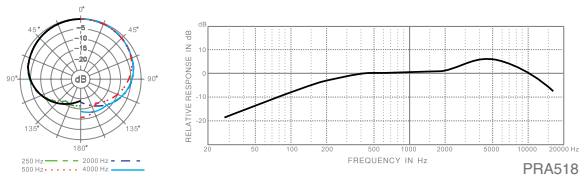
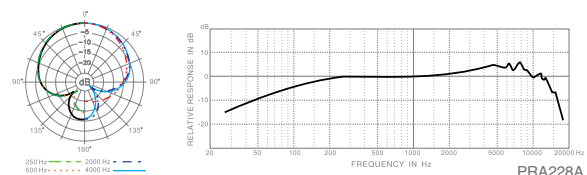
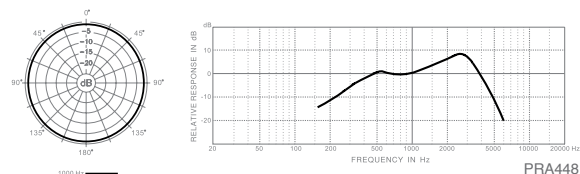
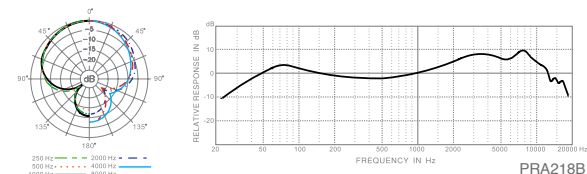
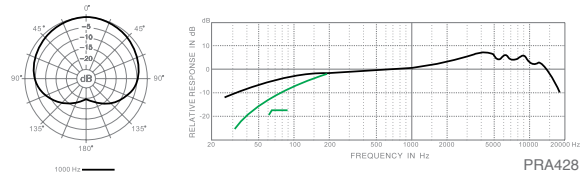
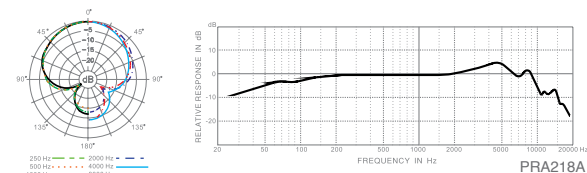


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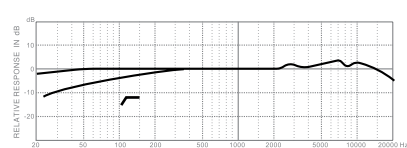
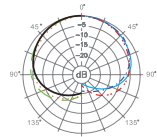
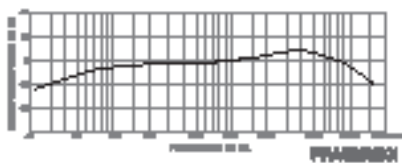
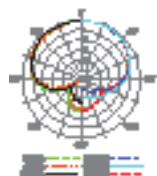


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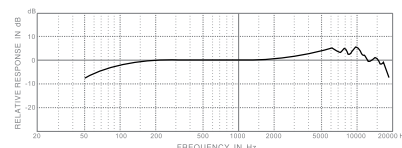
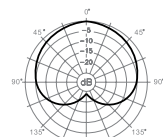


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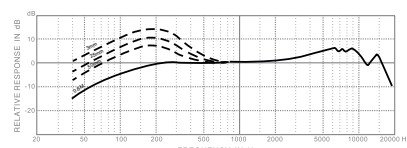
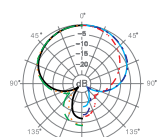
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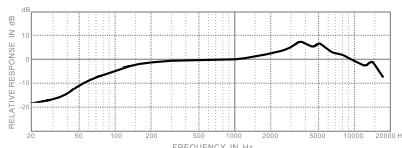
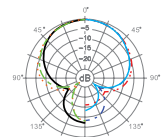
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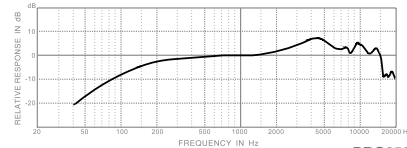
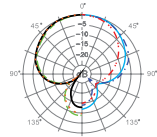
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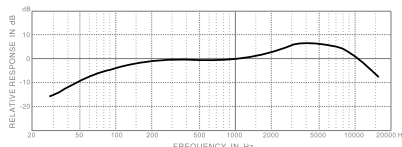
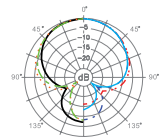
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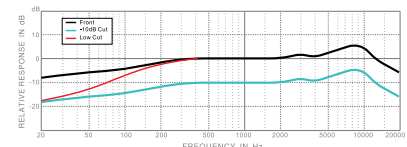
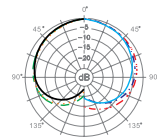
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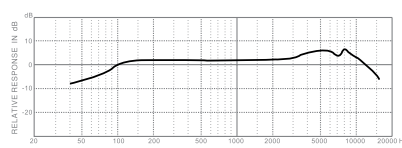
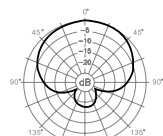
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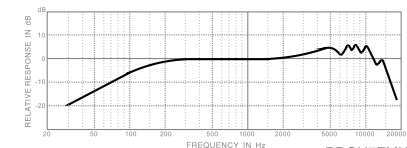
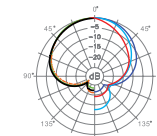
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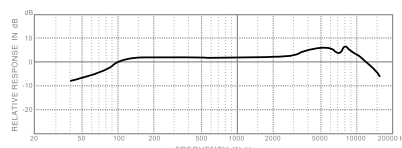
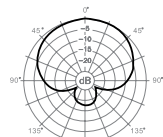
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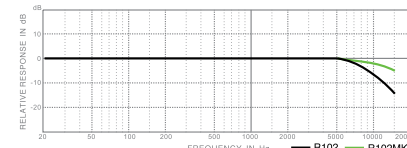
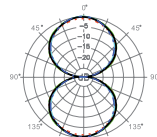
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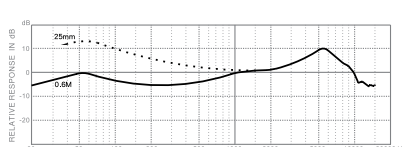
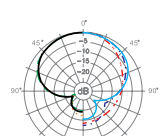
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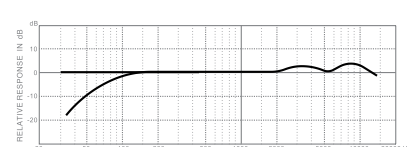
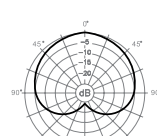
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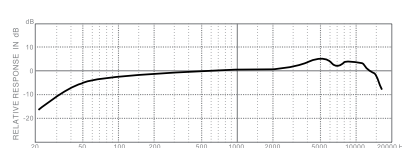
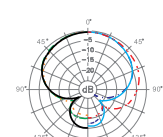
R102 R102MKII



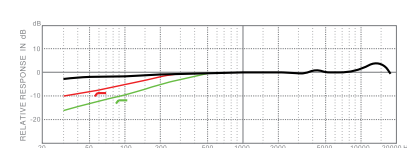
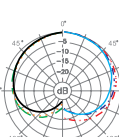
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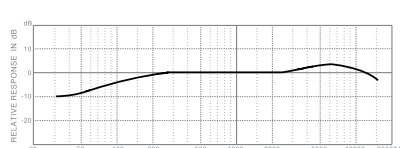
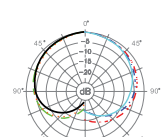
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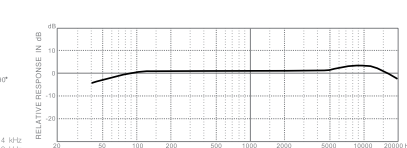
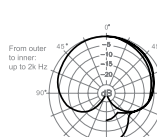
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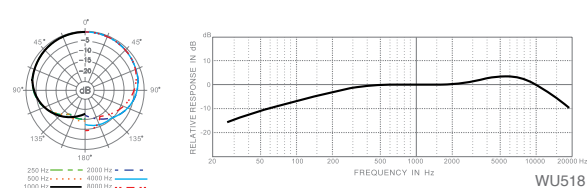
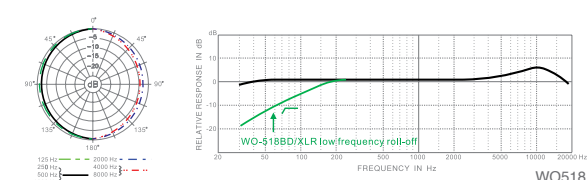
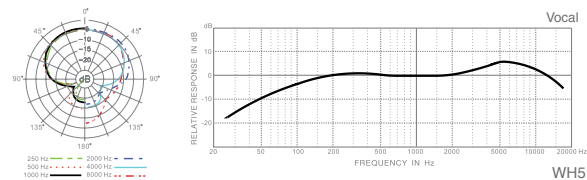
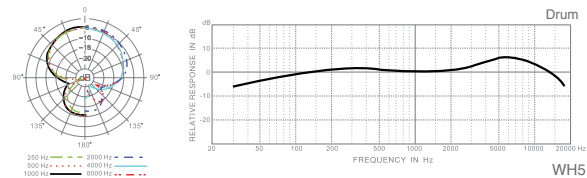
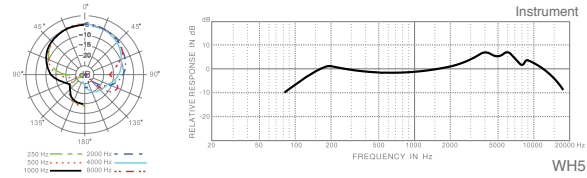
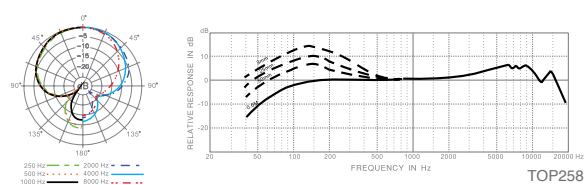
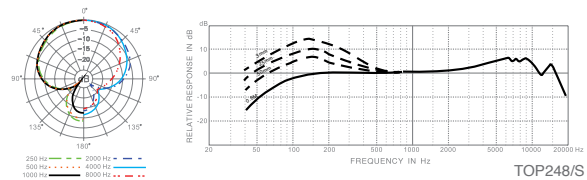
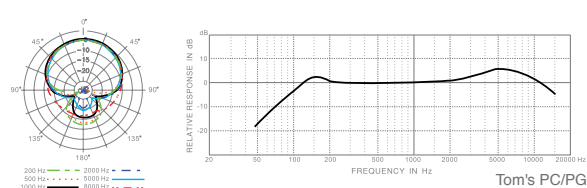
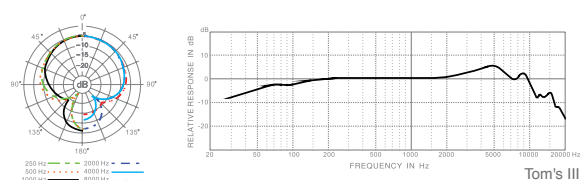
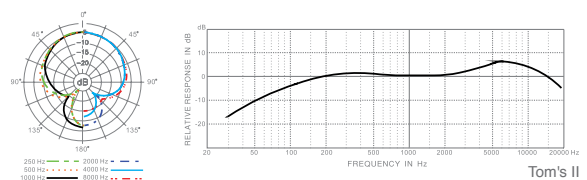
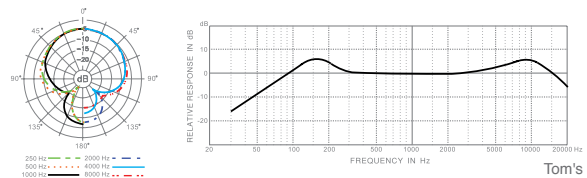
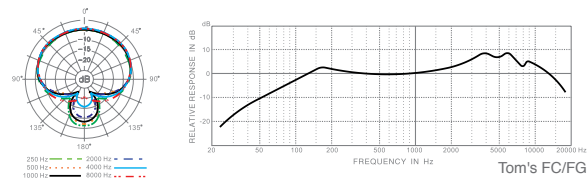
S241



PRO238C



S502



Which Microphone for You?

Facing a variety of microphones, how do you find the right one for your application? This question could be put another way: "Which mic is the best?" If the answer were that easy, maybe there would only be one microphone in the world to fulfill all your needs. Since demands differ, the answer varies accordingly.

Which type of transducer?



Dynamic

With a durable and simple structure, it operates in all kinds of environments. A good dynamic microphone is capable of operating at a very high sound pressure level without distortion. Due to structural limits, dynamics cannot be as small as a condenser, but dynamics don't require power to operate.



Condenser

With an extremely light weight diaphragm, it is very sensitive to sound. Very small versions are available for hidden applications. High performance condenser microphones are regarded as standard equipment in recording studios for capturing those fine acoustic details. They operate with either phantom or battery power.

Which kind of directivity?



Omni

With equal sensitivity in all directions, an omni microphone doesn't need to point toward the sound source. It features low handling and wind noise and is perfect for news gathering and music recording applications.



Cardioid

It picks up most on axis signals, rejects side noise, and picks up almost none at the back. It is suitable for live sound reinforcement. With its apparent proximity effect, most singers like to take advantage of its bass boost.



Supercardioid

A supercardioid is narrower in pickup pattern than a cardioid and is suitable for a multiple microphone setup. It is least sensitive toward the side and rear, where most stage monitors are located. It has the same proximity effect as a cardioid microphone.



Figure 8, bi-directional

It is equally sensitive to both front and back while rejecting the sides. It is good in a noisy environment because it rejects distant noise and low frequencies. It is also a good choice for stereo recordings, such as Blumlein. It features a typical pressure gradient characteristic.



Shotgun

Based on interference tube theory, this mic achieves the highest axial signal pick-up and rejects off-axis sound as much as possible. Due to poor wind noise rejection, a suitable wind screen should be used outdoors.

About Frequency Response

Flat

This is suitable for working in a controlled environment, or for acoustic measurements. Although people pursue flatness, it is a challenge for non-professionals to make it work as expected.

Popular Response Curves

This is based on years of practical experience by pro users. There are specific frequency response curves designed for various applications, making it easier to choose the right microphone. The strengths of having these curved responses are limiting bandwidth and emphasizing sounds.

Variable Response

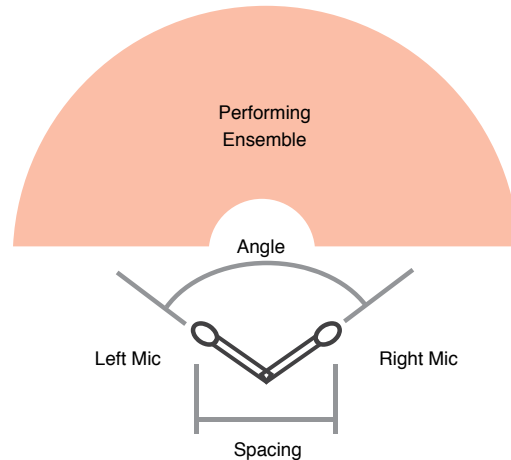
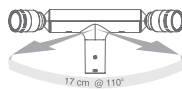
This incorporates switchable filters to eliminate interference, such as a sub-sonic filter to cut air-conditioner and floor vibrations. It allows full flat response when used in a controlled environment.

Stereo Recording Techniques

ORTF Technique

ORTF stands for “Office de Radiodiffusion Television Francaise”. This standard was established for stereo broadcasting and brings optimal stereo performance to most audio systems. Two cardioid capsules are arranged with a 110° open angle and 17-cm separation. The benefits of ORTF are that it brings more a spacious sound than the XY technique, yet avoids the “hole in the center” problem of the spaced AB technique that also exhibits a very good spacious sound.

The ORTF technique uses balanced stereo positioning, and producing a more pleasing sound than the AB or XY/MS stereo techniques. ORTF is a technique that can be easily handled by beginners or video production crews with a fixed ORTF stereo microphone such as the Superlux S502. Experienced engineers can also take advantage of this with the S502, or use a pair of S241s with the stereo bracket model HM15 or MA90 for ORTF recording.



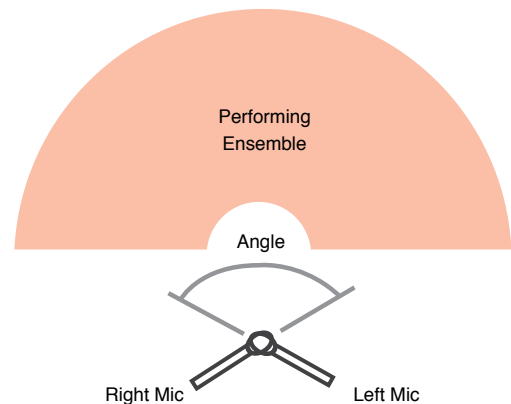
XY Technique

XY stereo recording employs two identical directional microphones in the same location, and typically placed off axis at 90° or more to each other. A stereo effect is achieved through differences in sound pressure level between the two microphones and varies by the microphone directivity character and the angle between the two microphones.

The following models from Superlux are permanently installed XY stereo microphones:

E522B 、E523D 、E524D 、E532B 、E525 (stereo shotgun) 、E503U (USB stereo)

Through use of two separate directional microphones (like the S241 or CMH8K) plus a dual microphone adapter or bar (like the C2, HM15 or MA90), you can also have an XY stereo recording setup.



MS Technique

MS comes from a Mid and a Side microphone. This coincident technique employs a cardioid microphone pointing to the sound source (Mid) and a bidirectional microphone facing sideways (Side). One mic is physically inverted over the other, so they share the same distance. When the Mid and the Side microphone signal is mixed, the polar pattern becomes a directional microphone pointing toward the left. And when mixing the Mid and Side in reverse phase, the polar pattern is the same as a directional microphone pointing toward the right. Less Mid and more Side signal will make the polar point toward the outer angle. And more Mid and less Side signal will make the pole point toward center.

The beautiful thing about MS decoded stereo is you can always go back to mono by simply mixing the L and R to mono, and the Mid signal comes back with almost no Side signal. Knowledgeable users tend to use this type of microphone with MS output, and manipulate the MS decoding at the post production stage to determine the result they prefer. This makes it especially useful for film-based projects.

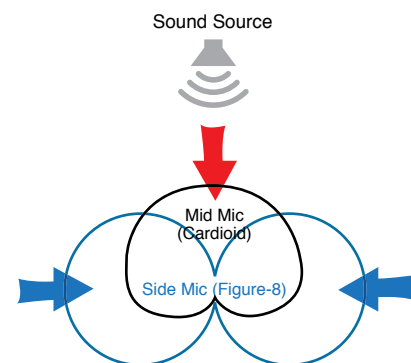
Since the stereo image width can be altered by changing the Side level, some stereo microphones claim they achieve the same “Zoom” effect as a video zoom lens. Now you can achieve the same result by setting the microphone at MS output, and use any popular NLE audio production software to get the effect you want.

Superlux offers the following models with permanent MS arrangement for your easy stereo recording setup:

E525S and E525L: short and long shotguns for broadcasting

E531: compact microphone for camcorder users

E502U: USB microphone for recording



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