

# ***Superlux***<sup>®</sup>

## **HMC660 / HMD660**

**PROFESSIONAL HEADSET WITH  
INCORPORATED MIC**

### **Contact**

#### **Marketing and sales**

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#### **Manufacturing & logistics**

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# HMC660 / HMD660

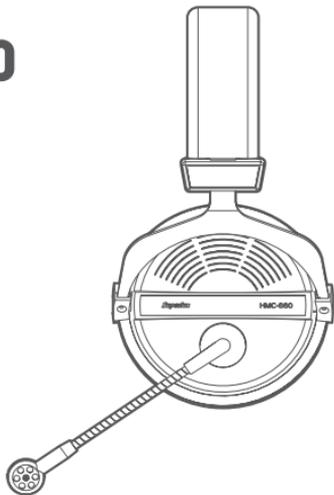
## PROFESSIONAL HEADSET WITH INCORPORATED MIC

### DESCRIPTION

The HMC660/HMD660 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, HMC660 combined with a professional condenser microphone, and HMD660 combined with a professional dynamic microphone that 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.

### FEATURES

- Excellent details and clear midrange and extended highs



- Professional headset derived from the HD660 studio headphone
- HMC660 integrated professional condenser microphone PRA30 with supercardioid polar pattern gives high gain before feedback
- HMD660 integrated professional dynamic microphone PRA20 with cardioid polar pattern gives high gain before feedback

**SPECIFICATIONS**

\*Note: Specifications are subject to change.

HMC660

HMD660

**Headphone**

Type	Condenser, Closed-back	Dynamic, Closed-back
Sensitivity	96 dB SPL (1mW) at 1kHz	96 dB SPL (1mW) at 1kHz
Frequency Response	10-30,000 Hz	10-30,000 Hz
Max. Input Power	100 mW	100 mW
Rated Impedance	150 $\Omega$	150 $\Omega$
Caliper Pressure	Approx. 6N	Approx. 6N

**Microphone**

Type	Back electret condenser	Dynamic
Polar Pattern	Supercardioid	Cardioid
Frequency Response	50-15,000 Hz	150-15,000 Hz
Sensitivity	-40 dBV/Pa (10 mV)	-55 $\pm$ 2 dB
Max. SPL	136 dB SPL (THD $\leq$ 1% 1kHz)	136 dB SPL (THD $\leq$ 1% 1kHz)
Equivalent Output Noise (A-weighted)	24 dB (IEC/DIN 651)	
Rated Impedance	200 $\Omega$	250 $\Omega$
Dynamic Range	112 dB	
Power Requirements	1.5 to 9V DC phantom power	
Current Consumption	3mA	

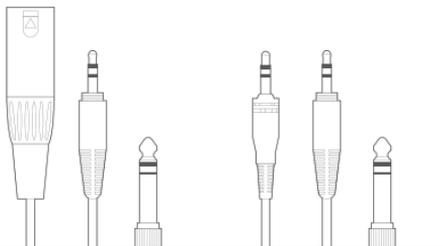
**OTHER SPECIFICATIONS**

\*Note: Specifications are subject to change.

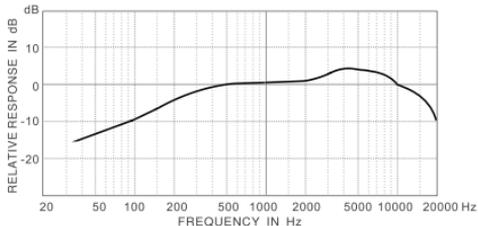
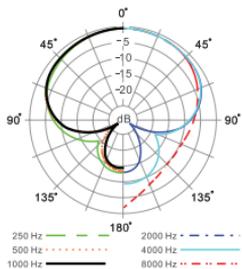
	HMC660	HMC660X	HMC660E
Cable	3M Spring cable	1.5M Straight cable	1.5M Straight cable
Headphone Plug	Open end	3.5mm stereo plug with 6.3mm adapter	3.5mm stereo plug with 6.3mm adapter
Microphone Plug	Open end	XLR3M	3.5mm stereo plug wired with mono signal

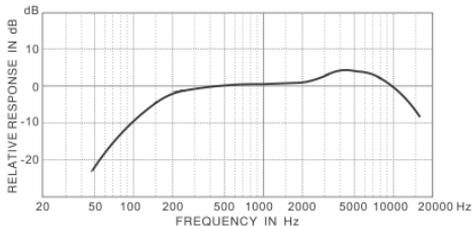
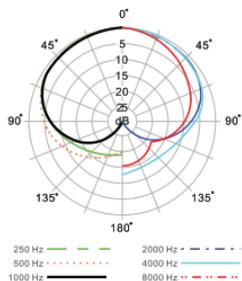
	HMD660	HMD660X	HMD660E
Cable	3M Spring cable	1.5M Straight cable	1.5M Straight cable
Headphone Plug	Open end	3.5mm stereo plug with 6.3mm adapter	3.5mm stereo plug with 6.3mm adapter
Microphone Plug	Open end	XLR3M	3.5mm stereo plug wired with mono signal

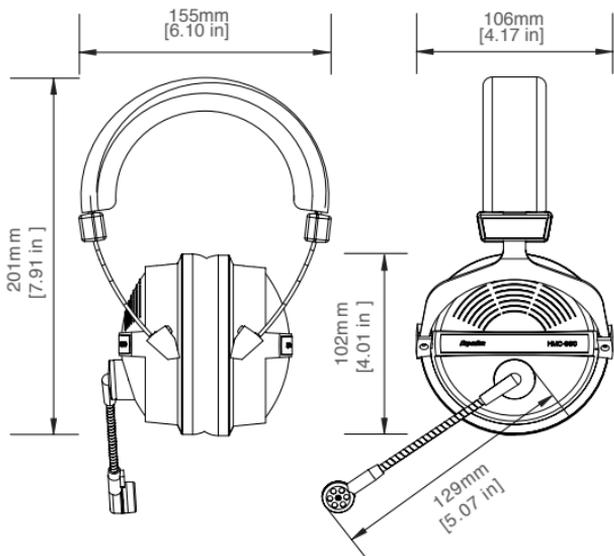
Plugs  
Diagram

## HMC660 FREQUENCY RESPONSE (SUPERCARDIOID)



## HMD660 FREQUENCY RESPONSE (CARDIOID)





Unit:mm

**INCLUDED**



S11 Windscreen



Carrying case

## KNOWING YOUR MICROPHONE

### Type of transducer



#### Condenser

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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 extreme detail capturing. They operate with phantom or battery power.

### Type of transducer



#### Dynamic

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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.

### Type of directivity



#### Cardioid

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A supercardioid is narrower than a cardioid pattern 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.

### Type of directivity



#### Cardioid

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It picks up most signal on axis, rejects side noise, and picks up least to the back. It is suitable for live sound reinforcement. With its apparent proximity effect, most singers like to take advantage of the bass boost but cardioid mics are not good for speech.



## LIMITED WARRANTY

For compliance with the instructions which record in the user manual, Superlux Enterprise provide one year period warranty for all material and producing quality from purchase date. This warranty term will adjust according to different country or area. Please contact local distributor to receive more information. In the validity period, if there's any material, producing quality, or any function unavailable, Superlux will repair or replace the parts. This warranty is only for the product which selling by distributor or agent which authorized by Superlux.

However, the situation below is excluded in the warranty :

The damage which caused by accident, abuse, improper instructions, self-modification and repair, or damage from transportation, not complying with the instructions which record in the manual, repair by the company which didn't authorized by Superlux Enterprise, request by distributor without authorized, or the serial number sticker on Superlux product is unidentified, modified, or removed. All repair of Superlux products can only accept from repair centre, distributor or agent which authorized by Superlux. Unauthorized repair, maintenance and modification will not receive relevant warranty and will be excluded in the warranty. Any repair guarantee under warranty need to provide selling receipt from authorized distributor or agent to make sure your Superlux product still in the warranty period. To obtain the original authorized repair warranty, please contact authorized distributor, agent or send an e-mail to [support@superlux.com.tw](mailto:support@superlux.com.tw) to contact us.



**WARNING! INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH IF MISHANDLED COULD RESULT IN DEATH OR SERIOUS PERSONAL INJURY OR PROPERTY DAMAGE.**

- ※Do not expose the unit to rain or an environment where it may be splashed by water or other liquids as doing so may result in fire or electric shock.
- ※Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.
- ※Do not subject to extreme force and do not pull on the cable, it might cause the product failures.
- ※Keep this product and the equipment which used together dry and avoid to exposure to extreme high temperature and humidity.