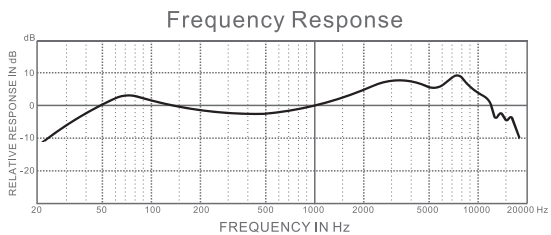
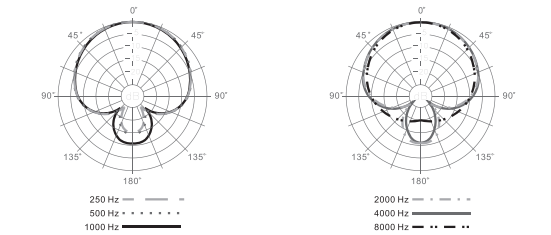


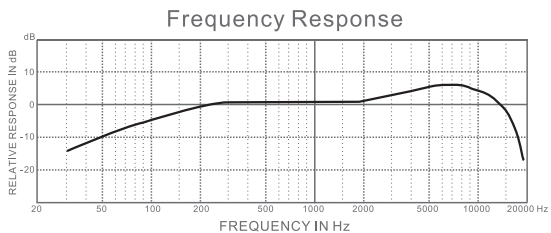
PRA218B
TYPICAL POLAR PATTERN (Figure 1)



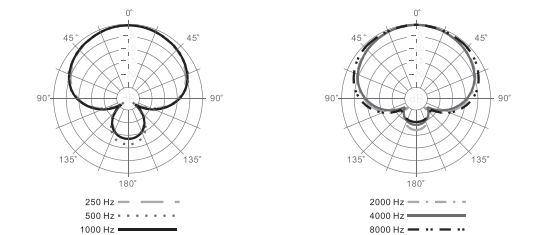
PRA218B
TYPICAL FREQUENCY RESPONSE (Figure 2)



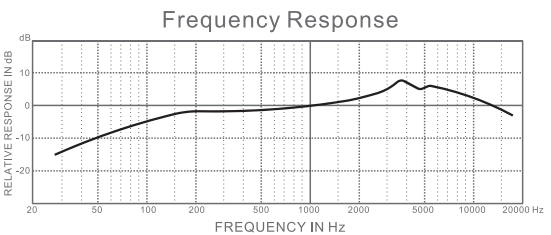
D10C
TYPICAL POLAR PATTERN (Figure 3)



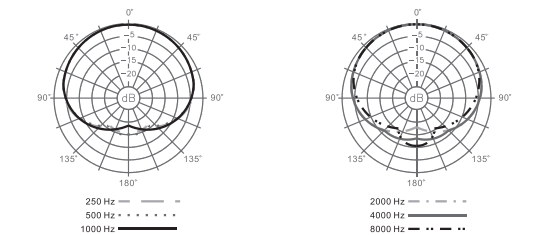
D10C
TYPICAL FREQUENCY RESPONSE (Figure 4)



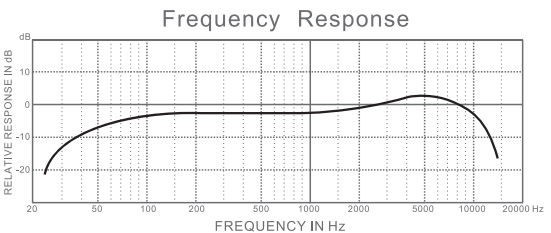
D10D
TYPICAL POLAR PATTERN (Figure 5)



D10D
TYPICAL FREQUENCY RESPONSE (Figure 6)



E102
TYPICAL POLAR PATTERN (Figure 7)



E102
TYPICAL FREQUENCY RESPONSE (Figure 8)

Description

The DRKK5C2 combined 7 professional microphones for picks up a drum set. These microphones are 1 PRA218B for kick drum, 3 D10C for tom-tom, 1 D10D for snare, and 2 E102 for overheads. These high quality microphones can also be used for various instruments, such as strings and winds.

Features

PRA218B

- Control boost at 60~100Hz and 2.5KHz for rich and punch sound.
- High SPL, large dynamic range, and low distortion
- Suitable for low frequency instruments, such as kick, floor tom, timpani, bass guitar...

D10C

- Unique mid bass response for strong and realistic drum sound that emphasis drum characteristics.
- Large dynamic range, low distortion.
- Suitable for mid-bass instruments, such as tom-tom, floor-tom or guitar.

D10D

- Unique mid high band response for reach sound.
- Clean, bright and crisp penetrated sound characteristic.
- For high SPL, large dynamic and low distortion.
- Suitable for winds and electric guitar.

E102

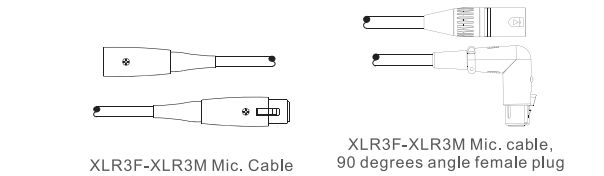
- Very good response for high frequency instruments such as cymbal and hi-hat.
- High SPL, large dynamic and low distortion
- Suitable for piano, harp, cymbal, and percussions.

Package

Large deluxe aluminum carrying case.

Supplied accessories

- 1 x YH24S Mic. clip for PRA218B
- 4 x HM28 Mic. clip for D10C and D10D
- 2 x HM10S Mic. clip for E102
- 4 x HM12A drum clamps
- 7 balanced XLR3M-XLR3F cables. One of the cable equipped with 90 degrees angle female plug for kick drum microphone (see the attached figure).



Optional accessories

- Adjustable boom stand ----- MS131
- Elastic shock mount ----- HM32
- Table stand ----- HM6

Type of transducer



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



Super Cardioid

Narrower than cardioid pattern. Suitable for multiple microphone setup. Least sensitive angle pointing toward side to rear where most stage monitors are located. Same proximity effect as cardioid microphone.



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.

Mounting the microphone

Pressure gradient microphone is very sensitive to vibration. Suitable shock mount for high performance microphone is necessary for extreme low noise recording. Sturdy stand can set the microphone exactly at the sweet spot and keep it there. Choose heavy duty microphone stand for studio condenser microphone which weights much more than handle microphone.

Superlux provides wide range of microphone stands for various demands. Big Foot Willie is specially developed for large condenser microphones that able to support 2 large microphones with stereo bracket for single point stereo recording. Extension foot on all the 'E' versions serve to mount heavy studio microphone in limit space live sound applications.

Maintenance

Condenser microphone shall be kept in low humidity environment for best sound performance. Store the condenser microphones in airconditioned room or dehumidifier to keep away form moisture. Clean air is another important factor. Keep away from smoking environment to avoid tar residuals.

D10D	E10D
Type	Type
Dynamic microphone	Back electret condenser microphone
Polar pattern	Polar pattern
Unidirectional (Super Cardioid), rotationally symmetrical about microphone axis, uniform with frequency. (Figure 5)	Unidirectional (Cardioid), rotationally symmetrical about microphone axis, uniform with frequency. (Figure 7)
Frequency response	Frequency response
50 to 16,000 Hz (Figure 6)	50 to 16,000 Hz (Figure 8)
Sensitivity	Sensitivity
(at 1,000 Hz Open Circuit Voltage)	(at 1,000 Hz Open Circuit Voltage)
-56dBV/Pa (1.6mV/Pa) 1Pa=94dB SPL	-43dBV/Pa (7.1mV/Pa) 1Pa=94dB SPL
Rated impedance	Rated impedance
200Ω	200Ω
Max. SPL (1 kΩ load)	Max. SPL (1 kΩ load)
135dB SPL (THD≤1% 1kHz)	149dB SPL (THD≤1% 1kHz)
Polarity	Dynamic range at 1 kΩ Load
Pin 2 produce a positive voltage (relative to pin 3) when diaphragm accept a frontal pressure	130dB
Connector	Power supply
3 pin male XLR type	12 to 52V DC phantom power
Finish	Current consumption
Metal construction with black painted finish	3mA
Dimension	Connector
Ø48x105mm (1.90x4.10 in.)	3 pin male XLR type
Weight	Finish
230 grams (8.10 oz.), HM28 mic. clip include.	Metal construction with black painted finish
	Dimension
	Ø21x200mm (0.83x7.90 in.)
	Net weight
	140 grams (5.0 oz.)

Superlux®

CONTACT

International Sales & Marketing Office

GOANG-FANN CO., LTD
TEL: +886-2-2693-1323
FAX: +886-2-2694-8990
Email: sales@superlux.com.tw

China Sales & Marketing Office

SUPERLUX ENTERPRISE
DEVELOPMENT (LIANYUNGANG) CO.,LTD.
Email: sales@superlux.com.tw

www.superlux.com.tw



DRKK5C2

7 Drum Mic Set with
Cables and Clamps

User Guide

Specifications

PRA218B	D10C
Type	Type
Dynamic microphone	Dynamic microphone
Polar pattern	Polar pattern
Unidirectional (Supercardioid), rotationally symmetrical about microphone axis, uniform with frequency. (Figure 1)	Unidirectional (Supercardioid), rotationally symmetrical about microphone axis, uniform with frequency. (Figure 3)
Frequency response	Frequency response
30 to 10,000 Hz (Figure 2)	50 to 16,000 Hz (Figure 4)
Sensitivity	Sensitivity
(at 1,000 Hz Open Circuit Voltage)	(at 1,000 Hz Open Circuit Voltage)
-61dBV/Pa (0.8mV/Pa) 1Pa=94dB SPL	-57dBV/Pa (1.4mV/Pa) 1Pa=94dB SPL
Rated impedance	Rated impedance
200Ω	200Ω
Max. SPL (1 kΩ load)	Max. SPL (1 kΩ load)
148dB SPL (THD≤1% 1kHz)	138dB SPL (THD≤1% 1kHz)
Connector	Connector
3 pin male XLR type	3 pin male XLR type
Finish	Finish
Metal construction with black painted finish	Metal construction with black painted finish
Dimension	Dimension
Ø 58x140mm (2.30x5.50 in.)	Ø 48x105mm (1.90x4.10 in.)
Weight	Weight
375 grams (13.02 oz.), YH24S mic clip include.	230 grams (8.10 oz.), HM28 mic. clip include.