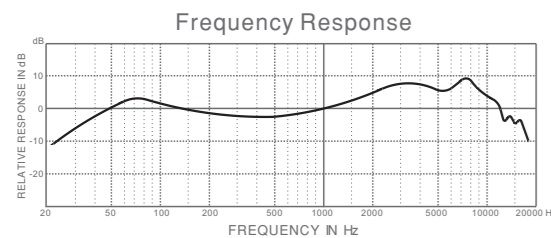
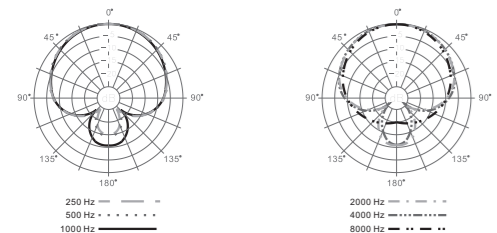


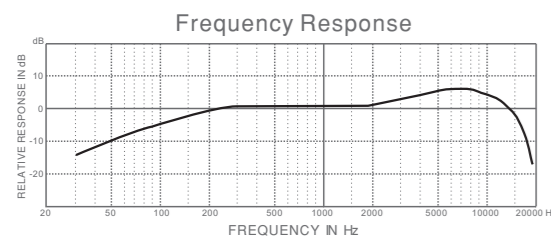
PRA218B  
TYPICAL POLAR PATTERN (Figure 1)



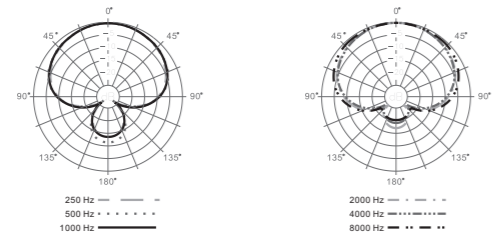
PRA218B  
TYPICAL FREQUENCY RESPONSE (Figure 2)



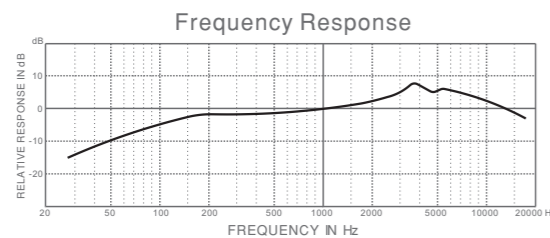
D10C  
TYPICAL POLAR PATTERN (Figure 3)



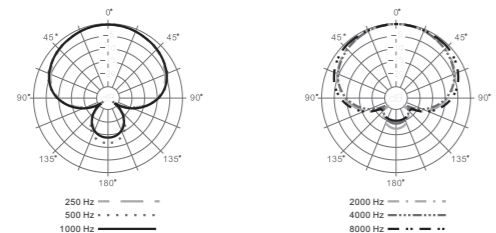
D10C  
TYPICAL FREQUENCY RESPONSE (Figure 4)



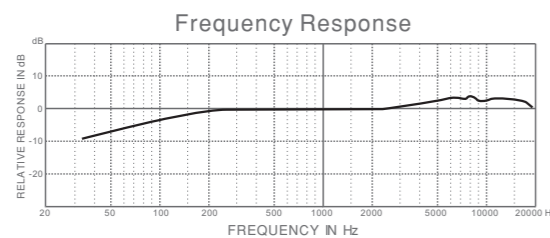
D10D  
TYPICAL POLAR PATTERN (Figure 5)



D10D  
TYPICAL FREQUENCY RESPONSE (Figure 6)



E102  
TYPICAL POLAR PATTERN (Figure 7)



E102  
TYPICAL FREQUENCY RESPONSE (Figure 8)

## Description

The DRK5C2 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

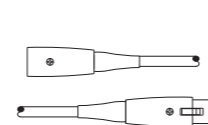
- Very good response for high frequency instruments such as cymbal and hi-hat.
- High SPL, large dynamic and low distortion
- Suitable for piano, harp, cymbal, and percussions.

## Package

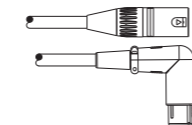
Large deluxe aluminum carrying case.

## Supplied accessories

- 1 x HM27 Mic. clip for PRA218B
- 4 x HM28 Mic. clip for D10C and D10D
- 2 x HM10B 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).



XLR3F-XLR3M Mic. Cable



XLR3F-XLR3M Mic. cable,  
90 degrees angle female plug

## Optional accessories

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

## Type of transducer



### Condenser

Extremely light weight diaphragm, very sensitive to sound. Very small versions available for hiding applications. High performance condenser microphones are regarded as standard equipment of recording studios for extreme detail capturing. Operates with power, such as phantom or battery.



### 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.

## 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.

## Maintainence

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

#### Type

Dynamic microphone

#### Polar pattern

Unidirectional (Super Cardioid), rotationally symmetrical about microphone axis, uniform with frequency. (Figure 5)

#### Frequency response

50 to 16,000 Hz (Figure 6)

#### Sensitivity

(at 1,000 Hz Open Circuit Voltage)  
-56dBV/Pa (1.6mV/Pa)  
1Pa=94dB SPL

#### Rated impedance

200Ω

#### Max. SPL (1 kΩ load)

135dB SPL (THD≤1% 1kHz)

#### Polarity

Pin 2 produce a positive voltage (relative to pin 3) when diaphragm accept a frontal pressure

#### Connector

3 pin male XLR type

#### Finish

Metal construction with black painted finish

#### Dimension

Φ48x105mm  
(1.90x4.10 in.)

#### Weight

230 grams (8.10 oz.),  
HM28 mic. clip include.

### E102

#### Type

Back electret condenser microphone

#### Polar pattern

Unidirectional (Super Cardioid), rotationally symmetrical about microphone axis, uniform with frequency. (Figure 7)

#### Frequency response

50 to 16,000 Hz (Figure 8)

#### Sensitivity

(at 1,000 Hz Open Circuit Voltage)  
-43dBV/Pa (7.1mV/Pa)  
1Pa=94dB SPL

#### Rated impedance

200Ω

#### Max. SPL (1 kΩ load)

149dB SPL (THD≤1% 1kHz)

#### Dynamic range at 1 kΩ Load

112dB

#### Power supply

9 to 48 Vdc phantom power

#### Current consumption

3mA

#### Connector

3 pin male XLR type

#### Finish

Metal construction with black painted finish

#### Dimension

Φ21x200mm (0.83x7.90 in.)

#### Net weight

140 grams (5.0 oz.)



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E-mail: sales@superlux.com.tw  
Http://www.superlux.com.tw



## DRK K5C2 Complete 7 Mic set

# User Guide



## Specifications

### PRA218B

#### Type

Dynamic microphone

#### Polar pattern

Unidirectional (Super Cardioid), rotationally symmetrical about microphone axis, uniform with frequency. (Figure 1)

#### Frequency response

30 to 10,000 Hz (Figure 2)

#### Sensitivity

(at 1,000 Hz Open Circuit Voltage)  
-61dBV/Pa (0.8mV/Pa)  
1Pa=94dB SPL

#### Rated impedance

200Ω

#### Max. SPL (1 kΩ load)

148dB SPL (THD≤1% 1kHz)

#### Connector

3 pin male XLR type

#### Finish

Metal construction with black painted finish

#### Dimension

Φ58x140mm (2.30x5.50 in.)

#### Weight

330 grams (11.6 oz.),  
HM27 mic. clip include.

### D10C

#### Type

Dynamic microphone

#### Polar pattern

Unidirectional (Super Cardioid), rotationally symmetrical about microphone axis, uniform with frequency. (Figure 3)

#### Frequency response

50 to 16,000 Hz (Figure 4)

#### Sensitivity

(at 1,000 Hz Open Circuit Voltage)  
-57dBV/Pa (1.4mV/Pa)  
1Pa=94dB SPL

#### Rated impedance

200Ω

#### Max. SPL (1 kΩ load)

138dB SPL (THD≤1% 1kHz)

#### Connector

3 pin male XLR type

#### Finish

Metal construction with black painted finish

#### Dimension

Φ48x105mm (1.90x4.10 in.)

#### Weight

230 grams (8.10 oz.),  
HM28 mic. clip include.