Superlux®

PRA628MKII

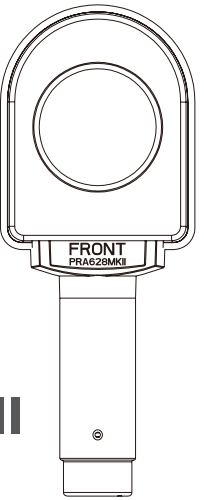
DYNAMIC INSTRUMENT MICROPHONE

Contact

Marketing and sales
Goang-Fann Co., Ltd.
+886-2-26931323
sales@superlux.com.tw
support@superlux.com.tw

Manufacturing & logistics
Superlux Enterprise
Development (Shanghai) Co., Ltd.

English



PRA628MKII

DYNAMIC INSTRUMENT MICROPHONE

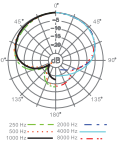
DESCRIPTION

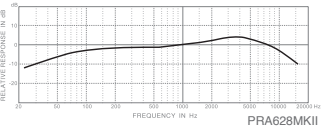
The PRA628MKII With “flat-profile” design is an optimized model of the PRA628. Side address mounted capsule for miking guitar amps face on and extremely close to the signal source. Super-cardioid pick-up pattern isolates the main sound source while minimizing background noise. With extended frequency response, deeper to the lower bottom range, higher SPL capacity and supercardioid directivity with high gain before feedback, it is suitable for guitar, bass amplifier pick up or instrument reinforcement. Also suitable for drum miking, particularly toms, where the microphone’s profile allows the capsule to be positioned close to the drum skin.

FEATURES

- High dynamic range and extended frequency response
- High SPL up to150 dB SPL
- Flat pop screen design, closer to the sound source
- Tailored frequency response to reproduce the instrument natural sound
- Sturdy metal body

PRA628MKII FREQUENCY RESPONSE (SUPERCARDIOID)





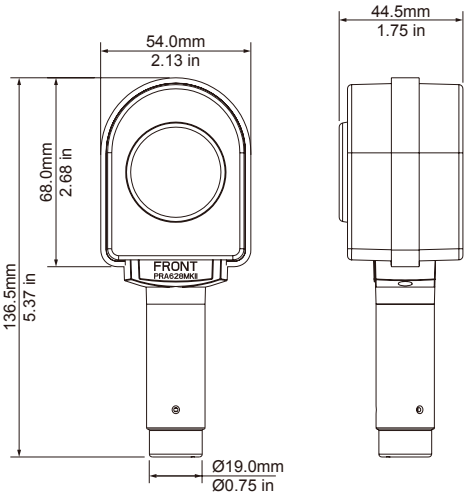
PRA628MKII

SPECIFICATIONS

Type	Dynamic
Polar Pattern	Supercardioid
Frequency Response	80-18,000Hz
Sensitivity	-55 dBV/Pa（1.8 mV/Pa）
Output Impedance	200 Ω
Max. SPL	150 dB SPL
Finish	Black
Connector	XLR3M
Dimensions	Ø60×127×36mm（Ø2.36"×5"×1.42"）
Net Weight	168g（5.9 oz）

*Note:Specifications are subject to change.

DIMENSIONS



Unit:mm / in.

SUPPLIED ACCESSORIES



Pouch



HM12DA
Gooseneck Clamp



HM10
MIC Clip

KNOWING YOUR MICROPHONE

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 phantom or battery power.

Type of directivity

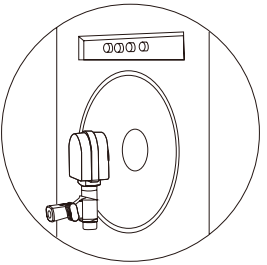


Supercardioid

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.

Proximity Effect

When the supercardioid microphone get closer to the sound source, the low frequency response is boosted, as so call “proximity effect”. Experience engineer takes advantages of the proximity effect to improve the richness of instrument sound or to increase the bass of the instrument as if an extremely high quality equalizer is used. Same ideas to reduce the bass by increase the distance to reduce the bass when needed.



GENERAL RULES FOR USE

1. The front side of capsule is located at the side with the mark of “Front”
2. For guitar amps captured most attack sound profile with emphasized bass, place PRA628MKII around 2.5cm (1") away from speaker, centered directly in front of speaker cone
3. For guitar amps captured sharp attack sound profile with higher frequency sound, place PRA628 MKII around 2.5cm (1") away from speaker, at the edge of speaker cone
4. For guitar amps captured medium attack sound profile with balanced sound, place PRA628 MKII around 15-30cm (6-12") away from speaker, centered directly in front of speaker cone
5. For percussion instrument captured most attack sound profile with natural sound, place PRA628MKII 2.5 to 7.5cm (1-3") above rim of top head of drum. Aim mic at drum head
6. For higher gain before feedback and lowest background noise, the microphone shall be pointed directly to the sound source
7. The sensitivity of a supercardioid microphone is highest on axis and lowest at 120 to 135 degrees
8. To avoid interference between multiple microphones, each sound source shall be picked-up by one microphone, use as less microphones as possible in one space, or turn-on as less microphones as possible at the same time
9. To reduce crosstalk between microphones, an 1:3 guide line shall be follow: The distance between microphone A to the sound source A is “1” , the distance between any other microphone to the sound source A shall be more than 3 times

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 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.

P/N:LB10628II0102 FEB, 2021

www.superlux.com.tw