

Superlux®

E303/E304 **ACOUSTIC BOUNDARY MICROPHONE**

Contact

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E303/E304

ACOUSTIC BOUNDARY CARDIOID

GENERAL DESCRIPTION

The E303 directional/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.

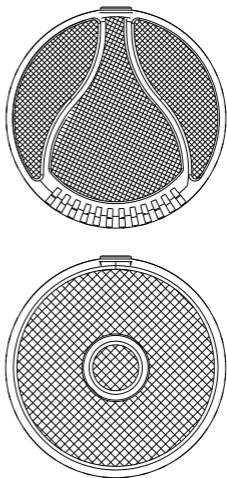
FEATURE

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

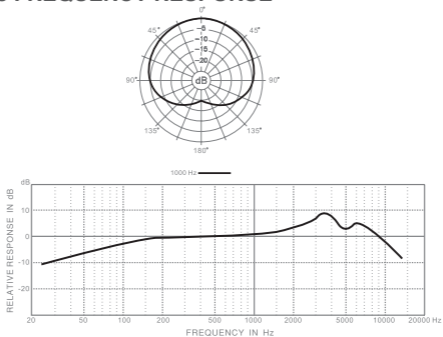
SUPPLIED ACCESSORIES



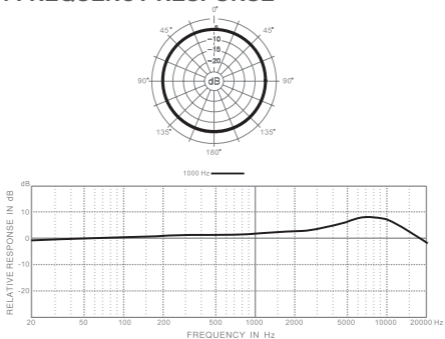
Cable 33' (10m)
TA3F~XLR3M

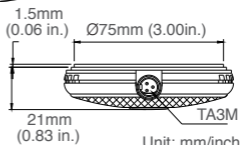
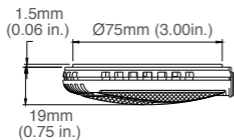
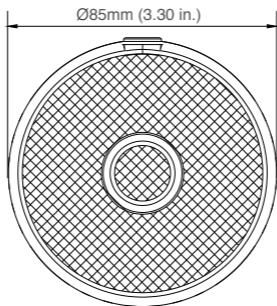
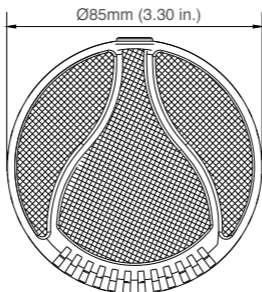


E303 FREQUENCY RESPONSE



E304 FREQUENCY RESPONSE





Unit: mm/inch

E303

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

*1Pa=10 microbars=94dB SPL

E304

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

*1Pa=10 microbars=94dB SPL

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 bayberry power.



DIRECTIVITY CARDIOID

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.



OMNI

With equal sensitivity in all directions, an omni microphone doesn't need to point toward the sound source. It is welcomed for news gathering and music recording applications.

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.



LIMITED WARRANTY

Superlux Enterprise warrants all materials and workmanship under use as instructed by the user's manual of this product for a period of one year from the original date of purchase. Warranty period might be different by each area. Please contact your local dealer for more information. If any defects are found in the materials or workmanship or if the product fails to function properly during the applicable warranty period, Superlux Enterprise, at its option, will repair or replace the product. This warranty applies only to equipment sold and delivered by Superlux Enterprise's authorized distributors or dealers. However, the following are not covered: Damage caused by accident, misuse, abuse, product modification or neglect; damage occurring during shipment; damage resulting from failure to follow instructions contained in your Instruction manual; damage resulting from the performance of repairs by someone not authorized by Superlux; claims based upon any misrepresentations by the seller; any Superlux product on which the serial number has been defaced, modified or removed. Service and repairs of Superlux products are to be performed only at a factory-authorized facility or authorized distributors or dealers. Unauthorized service, repairs, or modification will void this warranty. To obtain repairs under warranty, you must have a copy of your sales receipt from the authorized Superlux dealer where you purchased the product. It is necessary to establish purchase date and determine whether your Superlux product is within the warranty period. To obtain factory authorized service, please contact authorized distributors, dealers or mail to support@superlux.com.tw.