

E124/SD

For phantom power and battery Instrument Microphone

Features

- Wide and uniform flat frequency response. Consistent sensitivity covering the working frequency range.
- Cardioid polar pattern picks up on-axis sound, and rejects sound from the rear area. Reduced feedback risk for high volume application.
- Condenser diaphragm is light-weight and sensitive, capable of capturing sound nuances precisely and smoothly.
- Powered by AA battery or phantom power supply.
- Internal shock mount to reduce handling noise.
- Durable metal construction.
- On/off switch for onstage control.



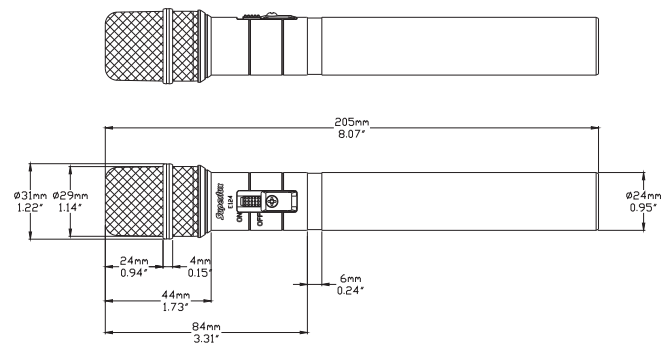
Applications

A sensitive, flat response condenser microphone ideal for acoustic instruments.
Main applications: Acoustic guitar, cymbal, piano.
Other applications: Strings, wood winds, and percussion.

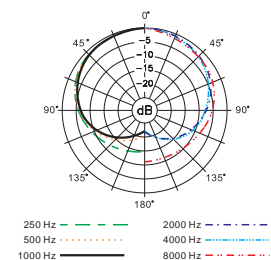
Specifications

- Type: Condenser microphone
- Element: Pressure gradient, FET preamplifier
- Polar pattern: Cardioid (unidirectional) symmetrical about axis
- Frequency response: 40~18000Hz
- Sensitivity: -50dBV/Pa (3.2mV/Pa) at 1000Hz
- Electromagnetic Hum Sensitivity: -7dB equivalent SPL in a 1 millioersted fiel (60Hz)
- Output impedance: 600
- Min. Loaded impedance: 800
- Max. SPL: 2000 load:131dB(phantom), 127dB(battery)
- Signal-to-noise ratio: 74 dB (IEC 651) at 94 dB SPL
- Dynamic range: 111dB (phantom);107dB (battery) (max.SPL, 2k ohm load, to A-weighted noise level)
- Self Noise : 20 dB typical, A-weighted (Equivalent SPL)
- Power: Phantom power / supply voltage:11 to 52 Vdc; current drain:2.0mA max at 52 Vdc; Max. external voltage applied to Pins 2 and 3 with respect to Pin1:+52Vdc; reverse polarity protected to:100 Vdc, attery power / recommended:1.5V alkaline AA size (NEDA 15A); life:up to 10000hours
- Output Clipping Level: 2000 load -13dBV (0.22V) (phantom); -17 dBV(014V) (battery) (1kHz,1% T.H.D)
- Polarity: Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3of microphone output connector
- Switch: External on/off switch (incl. locking pin) Internal low cut filter switch.
- Output connector: 3-pin XLR-M type
- Case: Die cast zinc alloy body, black painted finish
- Dimension: Ref. to figure of exterior dimensions
- Net weight: 300g (10.58 oz)

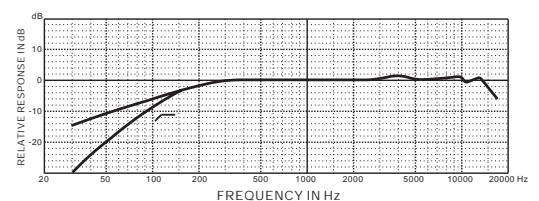
Figure of Exterior Dimensions



Polar Pattern



Frequency Response



Supplied Accessories

- E124/SD/X includes a 6mm, 6-meter mic cable with XLR-F to XLR-M plugs.
- E124/SD/P includes a 6mm, 6-meter mic cable with XLR-F to 1/4" phone plug.
- One HM-38 clip, and one screw adaptor from 5/8" x27T(male) to 3/8" x16T(female) .
- One AA 1.5 V alkaline battery.

