

Actual Size



# Superlux<sup>®</sup> CM-H8E

## Broadcast, Studio, & Live Entertainment

### Cardioid Large 1" Diaphragm Condenser Microphone with Swivel Mount

#### Description

Ideal for use on the air in AM, FM, and TV Broadcast applications. May also be used in the recording studio and for live entertainment. The structure of the CM-H8E has been especially designed to solve the problems associated with condenser diode microphones when exposed to high humidity and dust. The CM-H8E performs equally well for live vocals, instrument pick-up and as a boundary microphone at stage floor level.

#### Features

- Large 1" diameter, Ultra thin 3µm membrane gold evaporated capsule.
- Low noise transformer circuitry
- External 2 step low frequency roll off switch
- Special design for dusty environment applications

#### Specifications

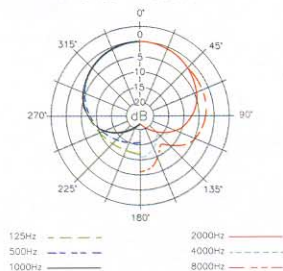
- Type: Condenser Microphone
- Element: Pressure Gradient with FET Preamplifier.
- Polar pattern: Cardioid
- Frequency Response: 30~20,000Hz
- Sensitivity: 12mv/pa
- Rated Impedance: 200 Ω
- Minimum Load Impedance: 1000 Ω
- Equivalent Noise Level: 18dB(A weighted IEC/DIN651)
- Signal to Noise Ratio: 76dB
- Max. SPL: 145dB (THD ≤ 0.5% 1000Hz)
- Dynamic Range: 127dB
- Max. Out Put Voltage: 1.3V (THD ≤ 0.5% 1000Hz)
- Power Supply: 48V Phantom Power (P48, IEC 268-15/DIN 45596)
- Current Consumption: 2.7mA
- Connector: 3 Pin XLR-Type Gold Plated Pins
- Color: Black
- Dimensions: Φ2 1/2" x 7 5/8"
- Net Weight: 27.0 Oz



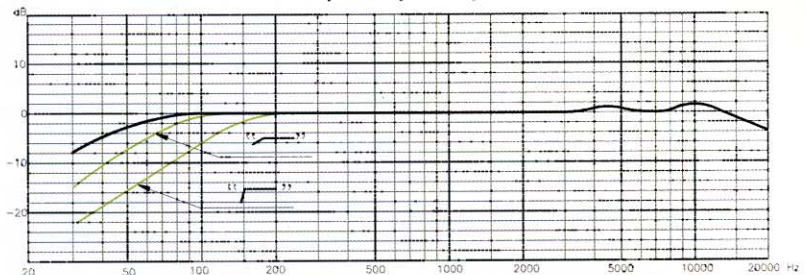
**MODEL: CM-H8E**

Shown on optional HM-6 desk stand which is not included

Polar Pattern



Frequency Response



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