

CA-08

Cardioid Condenser Microphone
RYC979003



MICROPHONE

The Rycote CA-08 is a cardioid pencil condenser microphone designed for a range of applications in studio and field recording.

The CA-08 microphones provide slight directionality with a virtually flat frequency response from 70Hz-20KHz, gradually dropping off below 60Hz. The mics are built on Rycote's low self-noise preamp design and capsules which offer a consistent sonic signature that mixes well when cut together with other Rycote microphones in the range. The CA-08 mics can be used individually or in matched stereo pairs.

FEATURES

Capsule

- Professional broadcast quality and individually fine-tuned back electret capsule
- Virtually flat frequency response from 70Hz to 20KHz

Preamp

- Compact design
- Ultra low noise circuitry
- Sophisticated RF shielding
- Low power consumption

Connector

- Gold-plated Neutrik XLR connector

RF-Protection

- Active in-line filtering
- Fine-tuned mechanical RF shielding
- Thoroughly tested against digital wireless systems and walkie talkies

Materials

- Preamp made from non-corrosive machined brass - low impedance to ensure best possible and longest lasting RF shielding
- Capsule made from lightweight machined aluminium

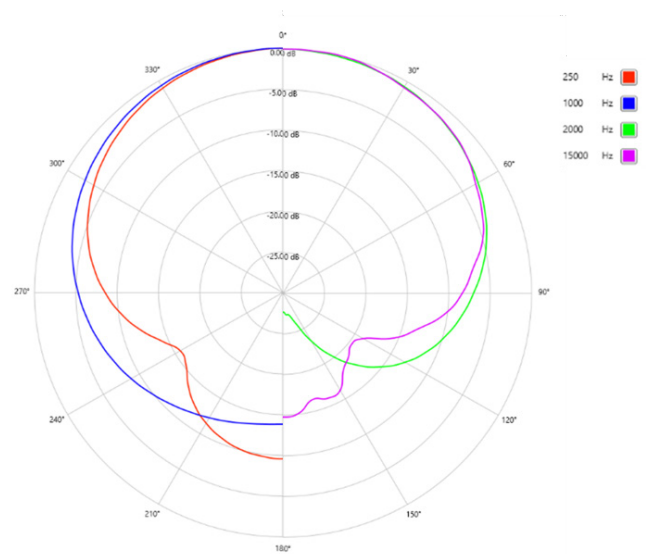
CA-08 Cardioid Microphone



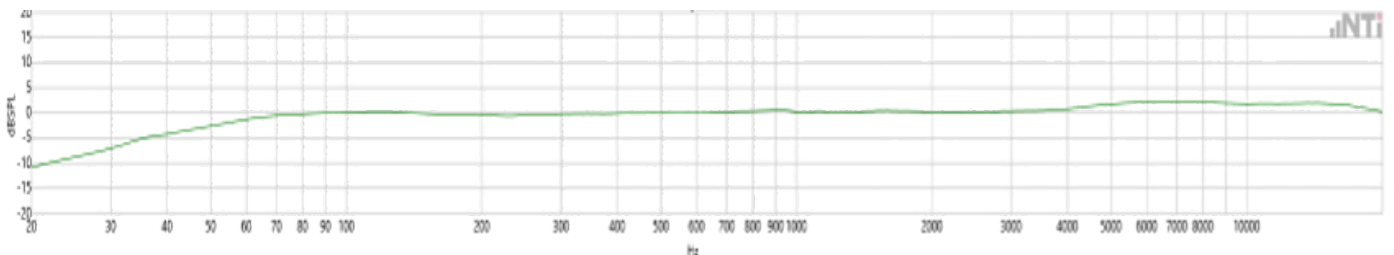
SPECIFICATIONS

| | |
|----------------------|--|
| Frequency Range | 45 Hz - 20 kHz |
| Self Noise | 13.0 dB-A (+/- 2 dB) |
| Polar Pattern | Cardioid |
| Capsule Type | Back Electret Condenser |
| Output Sensitivity | 24.3 mV/Pa (-26.9 dB) |
| Max. Output Voltage | 4 Vp |
| Output Impedance | 100 Ω |
| Min. Load Impedance | 1 k Ω |
| Signal / Noise Ratio | 80 dB typical (@ 1 kHz/Pa A-weighted) |
| CMRR (@ 1 kHz) | > 60 dB |
| Max. Cable Length | 100 m |
| Powering | P-48 |
| Powering Valid Range | 48-24V (Max SPL reduced at 24V) |
| Current Consumption | 3.0 mA |
| Max. SPL | 133 dB SPL (at 1 kHz 1.0% THD Typical) 127 dB SPL (at 1 kHz 0.5% THD Typical) |
| RFI Shield | Yes |
| Connector | XLR-3M |
| Weight | 69 g |
| Colour | Matte Black |

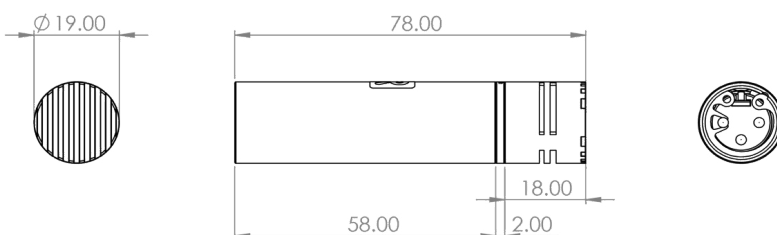
POLAR RESPONSE



FREQUENCY RESPONSE



DIMENSIONS



COMPATIBLE RYCOTE WINDSHIELDS

- 5cm SGM Foam
- 5cm Classic Softie
- 5cm Short Fur Softie
- 5cm Super Softie
- Nano Shield Kit NS1-BA
- Cyclone Windshield, Small
- Modular Windshield WS 10 Kit
- Baseball 19/20mm