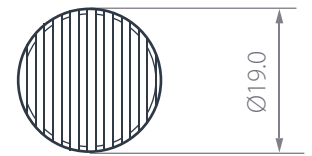
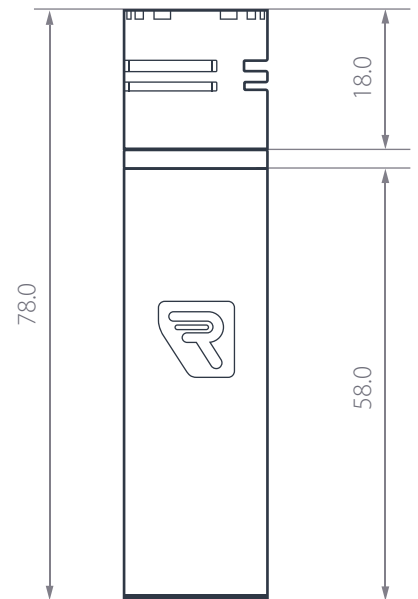


# CA-08

78mm Cardioid Condenser  
Microphone  
RYC979003



1mm : 1mm



\*dimensions in mm

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 microphones are built on Rycote's ultralow 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 microphones can be used individually or in matched stereo pairs.

# CA-08

# CA-08

<b>Frequency Range</b>	45 Hz - 20 kHz
<b>Self-noise</b>	13.0 dB-A
<b>Polar Pattern</b>	Cardioid
<b>Capsule Type</b>	Back Electret Condenser
<b>Output Sensitivity</b>	24.3 mV/Pa (-32.3 dBV)
<b>Max. Output Voltage</b>	4 Vp (if relative load is < 2k $\Omega$ )
<b>Output Impedance</b>	100 $\Omega$
<b>Min. Recommended Load</b>	1 k $\Omega$
<b>Signal / Noise Ratio</b>	80 dB typical (@ 1 kHz, Pa A-weighted)
<b>CMRR (@ 1 kHz)</b>	> 60 dB
<b>Max. Cable Length</b>	100 m
<b>Power Requirement</b>	Phantom Power +48V
<b>Power Voltage Range</b>	24-48V (Max SPL reduced @ 24V)
<b>Current Consumption</b>	3.0 mA
<b>Max. SPL</b>	133 dB SPL (@ 1 kHz 1.0% THD Typical) 127 dB SPL (@ 1 kHz 0.5% THD Typical)
<b>RFI Shield</b>	Yes
<b>Connector</b>	XLR-3M
<b>Weight</b>	69 g
<b>Colour</b>	Matte Black

## FEATURES

### Capsule

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

### Preamp

- Compact design
- Ultralow noise circuitry
- Sophisticated RF shielding
- Low power consumption

### Connector

- Gold-plated Neutrik XLR connections

### RF - protection

- Active in-line filtering
- Fine-tuned mechanical RF shielding
- Tested against RF interference

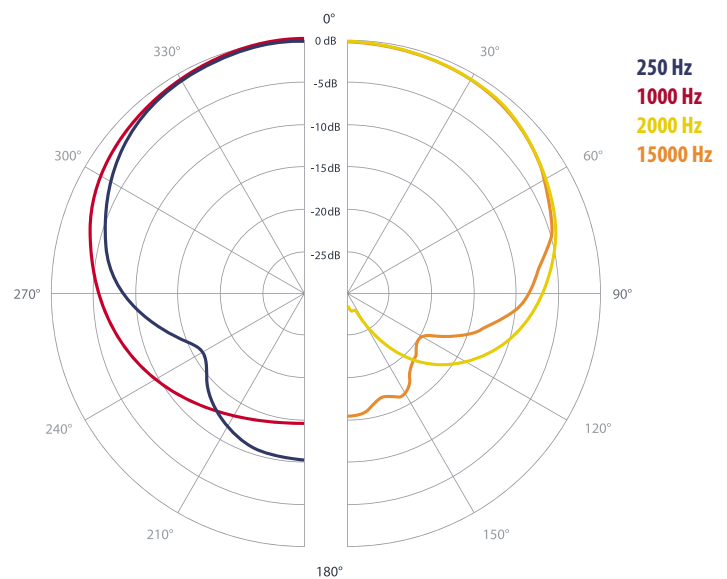
### Materials

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

## COMPATIBLE PRODUCTS & ACCESSORIES

- 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

## POLAR PATTERN



## FREQUENCY RESPONSE

