

# SC-08

## Supercardioid Condenser Microphone

RYC079004



### MICROPHONE

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

The SC-08 microphones provide directionality with a virtually flat frequency response from 70Hz-20KHz, moderately 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 SC-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

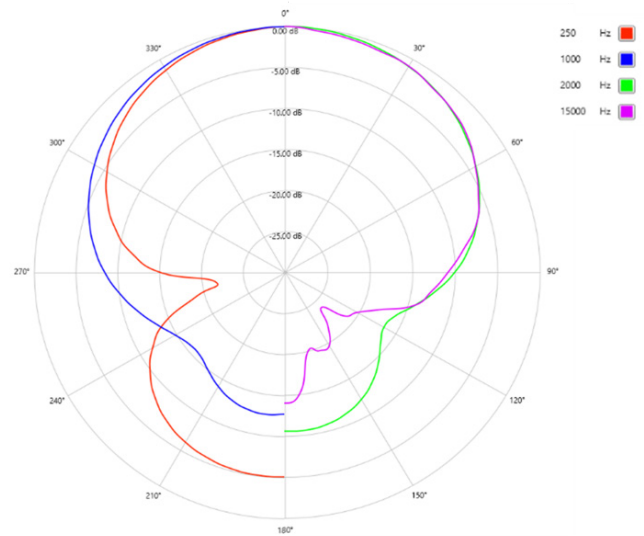
# SC-08 Supercardioid Microphone



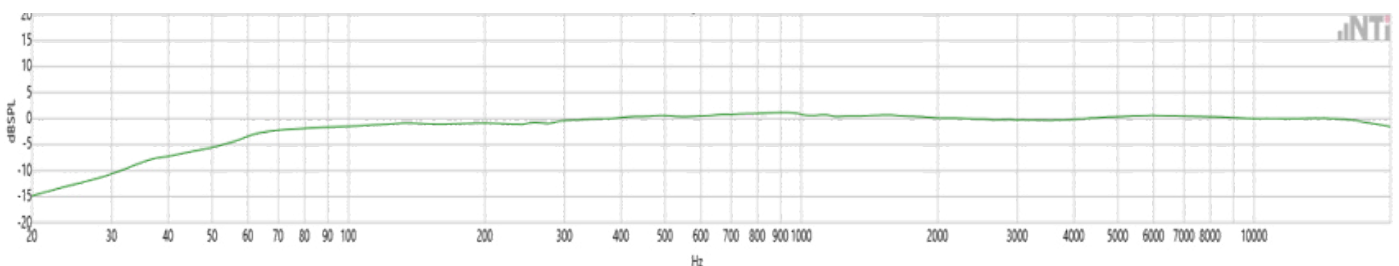
## SPECIFICATIONS

Frequency Range	60 Hz - 20 kHz
Self Noise	12.0 dB-A (+/- 2 dB)
Polar Pattern	Super-Cardioid
Capsule Type	Back Electret Condenser
Output Sensitivity	29.7 mV/Pa (-26.9 dB)
Max. Output Voltage	4 Vp
Output Impedance	100 $\Omega$
Min. Load Impedance	1 k $\Omega$
Signal / Noise Ratio	81 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

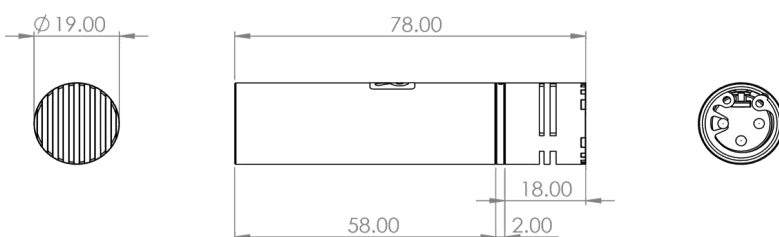
## POLAR RESPONSE



## 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