

# BD-10

## Bidirectional Condenser Microphone

RYC979009



The Rycote BD-10 is a bidirectional (Figure of 8) condenser microphone designed mainly for M/S stereo and ambient recording as well as dual dialogue. Perfect for use with the SC-08, CA-08, HC-15 and HC-22 for a complete Rycote M/S Stereo or DM/S stereo solution. The BD-10 maintains our signature ultralow self-noise. The microphone has been manufactured with the same precision and quality that our range of professional microphones have become renowned for. Designed with the same attention to detail, it blends seamlessly into the existing family with the same tonal quality expected from the entire Rycote microphone range.

### FEATURES

#### Capsule

- Bidirectional condenser microphone
- Consistent acoustic timbre with other Rycote microphones
- High off-axis rejection

#### 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
- Lightweight aluminium interference tube
- Non-reflective finish

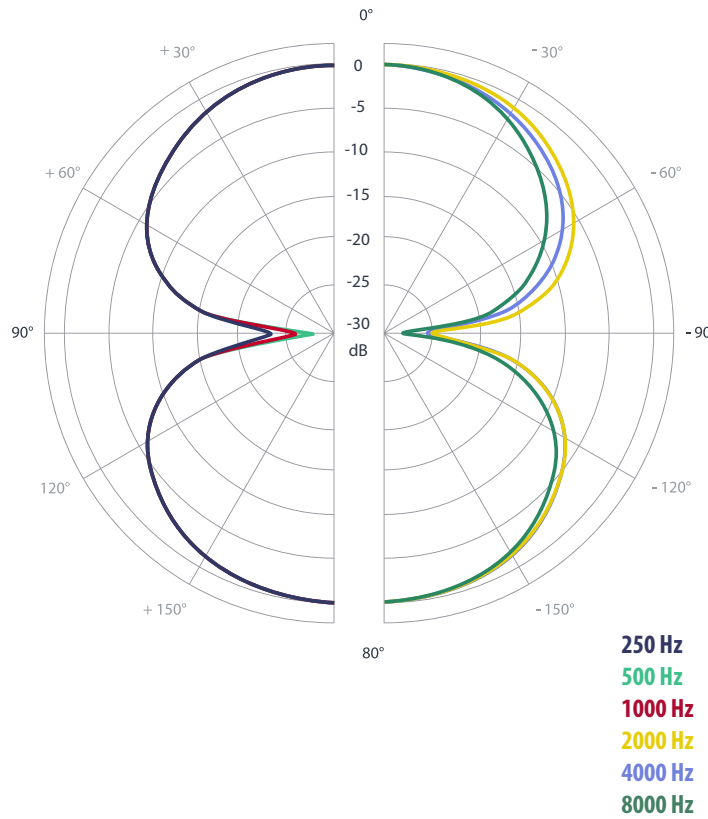
### COMPATIBLE PRODUCTS & ACCESSORIES

- 5cm SGM Foam
- 5cm Classic Softie
- 5cm Short Fur Softie
- 5cm Super Softie
- Nano Shield Kit NS1-BA
- Cyclone Windshield, Small
- Modular Windshield WS 1 Kit
- Baseball 19/20

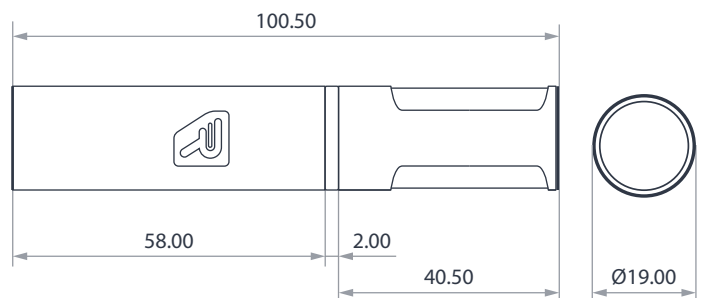
## SPECIFICATIONS

<b>Frequency Range</b>	40Hz - 18 kHz
<b>Self-Noise</b>	18.0 dB-A
<b>Polar Pattern</b>	Bidirectional
<b>Capsule Type</b>	Back Electret Condenser
<b>Output Sensitivity</b>	14.2 mV/Pa (-36.9 dBV)
<b>Max. Output Voltage</b>	4 Vp (if relative load is < 2kΩ)
<b>Output Impedance</b>	100 Ω
<b>Min. Load Impedance</b>	1 k Ω
<b>Signal / Noise Ratio</b>	76 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>	135 dB SPL (@ 1 kHz 1.0% THD Typical) 129 dB SPL (@ 1 kHz 0.5% THD Typical)
<b>RFI Shield</b>	Yes
<b>Connector</b>	XLR-3M
<b>Weight</b>	86 g
<b>Colour</b>	Matte Black

## POLAR PATTERN



## DIMENSIONS



\*Measurements in mm

## FREQUENCY RESPONSE

