

HC-35

352mm Shotgun
Microphone
RYC979010



The Rycote HC-35 is a hypercardioid, shotgun microphone, designed for specific applications such as sport broadcast and location recording. The HC-35 produces a highly directional polar pattern utilising a longer interference tube than its siblings, the HC-15 and HC-22, providing better off-axis rejection while still maintaining 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

- Weight balanced to help keep center of gravity further back to provide improved handling

Capsule

- Professional broadcast quality and individually fine-tuned back electret capsule
- Consistent acoustic timbre with other Rycote microphones
- Smooth off-axis roll off

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/interference tube made from lightweight machined aluminium
- Non-reflective finish

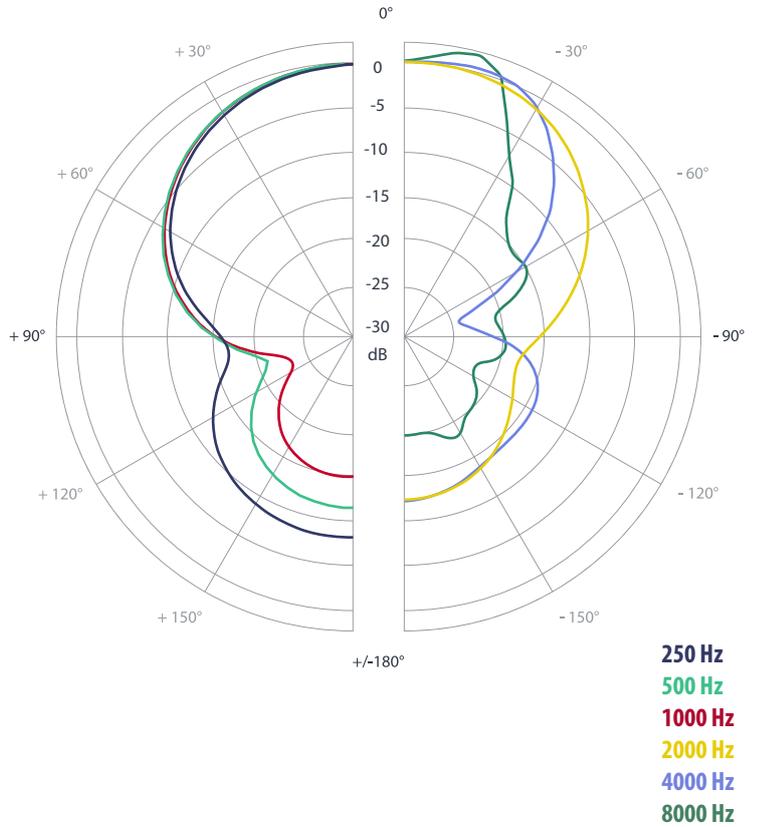
COMPATIBLE PRODUCTS & ACCESSORIES

- 29cm Classic Softie
- Modular Windshield Kit WS 6

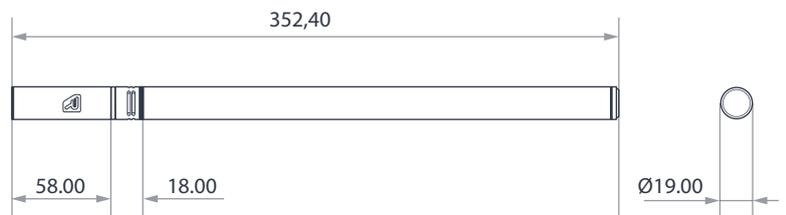
SPECIFICATIONS

Frequency Range	25Hz - 18 kHz
Self-Noise	7.5 dB-A
Polar Pattern	Hypercardioid
Capsule Type	Back Electret Condenser
Output Sensitivity	21.1 mV/Pa (-33.5 dBV)
Max. Output Voltage	4 Vp (if relative load is < 2kΩ)
Output Impedance	100 Ω
Min. Load Impedance	1 k Ω
Signal / Noise Ratio	87 dB typical (@ 1 kHz,Pa A-weighted)
CMRR (@ 1 kHz)	> 60 dB
Max. Cable Length	100 m
Power Requirement	Phantom Power +48V
Power Voltage Range	24-48V (Max SPL reduced @ 24V)
Current Consumption	3.0 mA
Max. SPL	133 dB SPL (@ 1 kHz 1.0% THD Typical) 127 dB SPL (@ 1 kHz 0.5% THD Typical)
RFI Shield	Yes
Connector	XLR-3M
Weight	119 g
Colour	Matte Black

POLAR PATTERN



DIMENSIONS



*Measurements in mm

FREQUENCY RESPONSE

