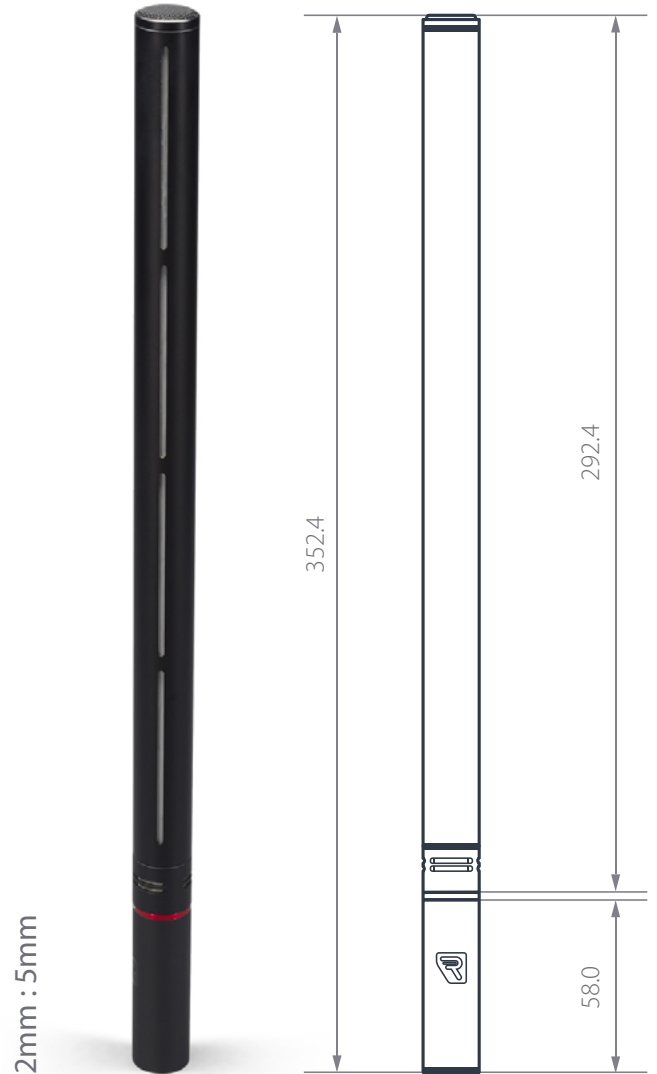


# HC-35

352 mm Shotgun Microphone  
RYC979010



\*dimensions in mm

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.

# HC-35

# HC-35

<b>Frequency Range</b>	25Hz - 18 kHz
<b>Self-noise</b>	7.5 dBA
<b>Polar Pattern</b>	Hypercardioid
<b>Capsule Type</b>	Back Electret Condenser
<b>Output Sensitivity</b>	21.1 mV/Pa (-33.5 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>	87 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>	119 g
<b>Colour</b>	Matte Black

## 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

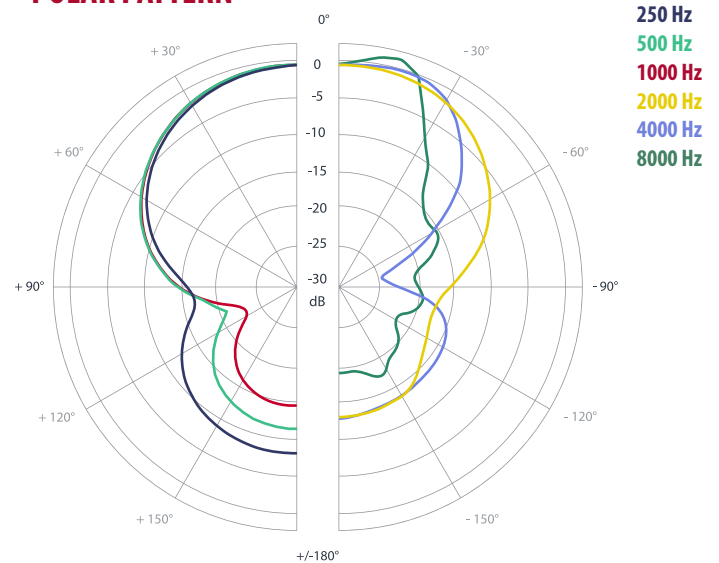
### Materials

- 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

## POLAR PATTERN



## FREQUENCY RESPONSE

