HC-35
Long Shotgun Microphone
RYC079010

MICROPHONE
The Rycote HC-35 is a hyper-cardioid, long 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. Based around our signature low self-noise capsule it delivers the precision and quality that our range of microphones has become renowned for. Designed with same components as the HC-15 and HC-22 it blends seamlessly into the existing family with the same tonal quality and attention to detail expected from the Rycote microphone range.

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

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
- Aluminum Interference tube
- Non reflective finish
HC-35 Long Shotgun Microphone

SPECIFICATIONS

**Frequency Range**  
25Hz - 18 kHz

**Self Noise**  
7.5 dB-A

**Polar Pattern**  
Hyper Cardioid

**Capsule Type**  
Back Electret Condenser

**Output Sensitivity**  
55.0 mV/Pa (-25.2 dB)

**Max. Output Voltage**  
4 Vp

**Output Impedence**  
100 Ω

**Min. Load Impedance**  
1 k Ω

**Signal / Noise Ratio**  
87dB 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**  
119 g

**Colour**  
Matte Black

FREQUENCY RESPONSE

DIMENSIONS

COMPATIBLE RYCOTE WINDSHIELDS

- 29cm Classic Softie
- Modular Windshield Kit WS 6