

HC-15

Short Shotgun Microphone
RYC079001



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MICROPHONE

The Rycote HC-15 is a hypercardioid short shotgun microphone designed for a wide range of applications in cinema, TV, ENG, live broadcast, sound design, studio and field recording.

The HC-15 combines a moderately directional polar pattern with extremely low self-noise. This provides some level of off-axis rejection and isolation with a precise sound quality to match, making the HC-15 a great all around mic for many recording environments.

FEATURES

Capsule

- Professional broadcast quality and individually fine-tuned back electret capsule

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 / Interference tube made from lightweight machined aluminium
- Weight balanced to help keep center of gravity further back to provide improved handling when using Rycote Lyre shock mounts and slip-on wind protection



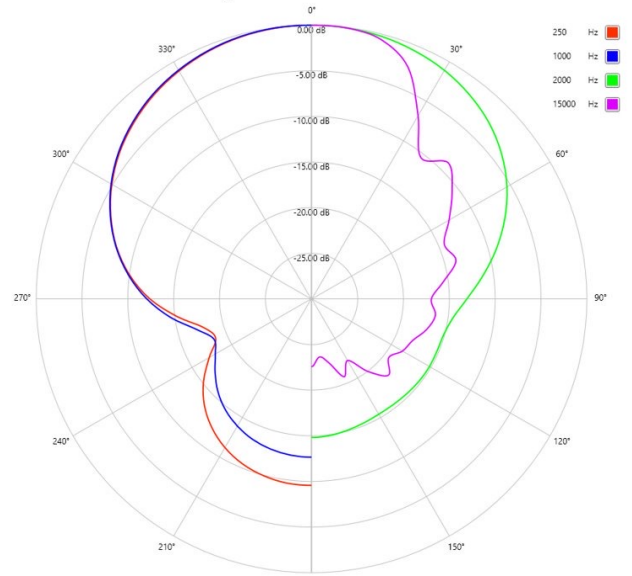
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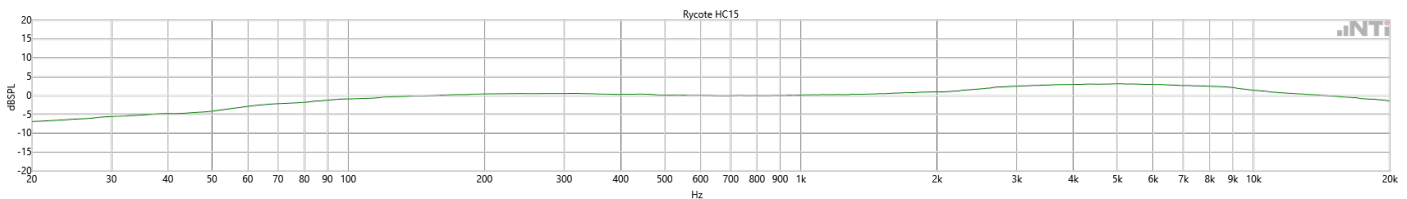
SPECIFICATIONS

POLAR RESPONSE

Frequency Range	50 Hz - 20 kHz
Self Noise	8.5 dB _A (+/- 2 dB)
Polar Pattern	Hypercardioid
Capsule Type	Back Electret Condenser
Output Sensitivity	45.0 mV/Pa (-26.9 dB)
Max. Output Voltage	5 V _p (if relative load is < 2kΩ)
Output Impedance	100 Ω
Min. Recommended Load	1 kΩ
Signal / Noise Ratio	85 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 (@ 1 kHz 1.0% THD typical)
RFI Shield	Yes
Connector	XLR-3M
Weight	90 g
Colour	Matte Black w/ Red Accent



FREQUENCY RESPONSE



DIMENSIONS

COMPATIBLE RYCOTE WINDSHIELDS

- 10cm SGM Foam
- 10cm Classic Softie
- 10cm Short Fur Softie
- 10cm Super Softie
- Nano Shield Kit NS2-CA
- Cyclone Windshield, Small
- Modular Windshield Kit 2

