

HC-22

Shotgun Microphone
RYC079002



Rycote Microphone Windshields, Ltd.
Libby's Drive, Slad Road
Stroud, Gloucestershire
GL5 1RN
United Kingdom



MICROPHONE

The Rycote HC-22 is a hypercardioid shotgun microphone designed for a wide range of applications in cinema, TV, ENG, live broadcast, sound design, studio and field recording.

The HC-22 combines a highly directional polar pattern with extremely low self-noise. This provides solid off-axis rejection and isolation with a precise sound quality to match, making the HC-22 a great all around mic for recording environments which may require a more focused recording approach.

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



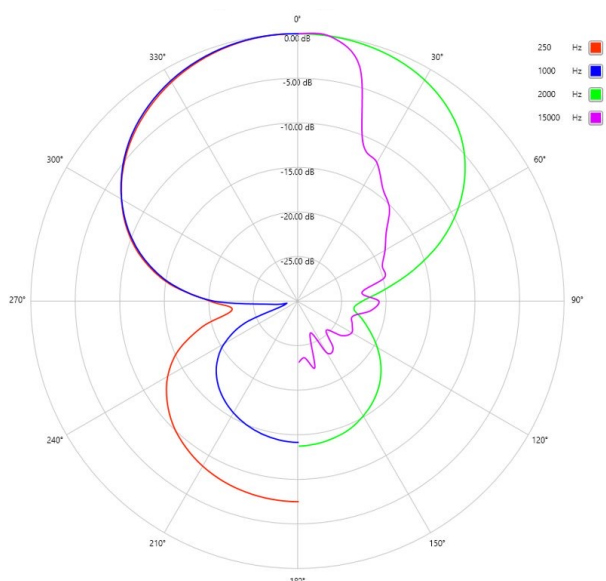
HC-22 Shotgun Microphone



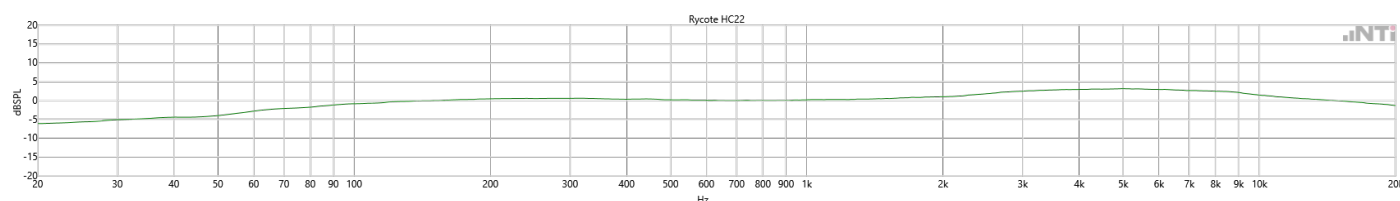
SPECIFICATIONS

Frequency Range	50 Hz - 20 kHz
Self Noise	8.5 dB _A (+/- 2 dB)
Polar Pattern	Hypercardioid
Capsule Type	Back Electret Condenser
Output Sensitivity	48.0 mV/Pa (-26.3 dB)
Max. Output Voltage	5 V _p (if relative load < 2 kΩ)
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	100 g
Colour	Matte Black w/ Red Accent

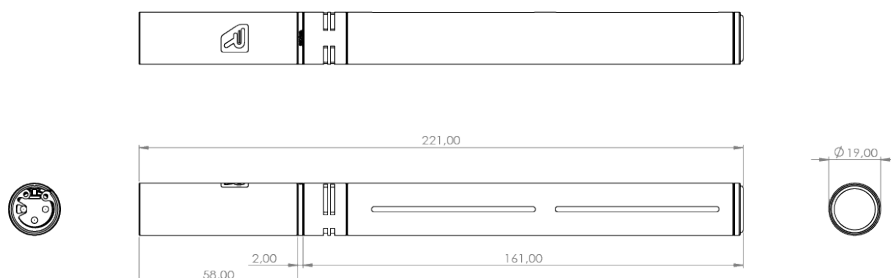
POLAR RESPONSE



FREQUENCY RESPONSE



DIMENSIONS



COMPATIBLE RYCOTE WINDSHIELDS

- 18cm SGM Foam
- 18cm Classic Softie
- 18cm Short Fur Softie
- 18cm Super Softie
- Nano Shield Kit NS4-DB
- Cyclone Windshield, Medium
- Modular Windsheild Kit 3