

ECM-CG50BP

Super-cardioid shotgun Electret condenser microphone



Overview

The short shotgun, super-cardioid design enhances directional response and is ideal for clean recording of medium range sound sources. Ambient off-axis background noise is effectively rejected and only a narrow angle pick-up range directly in front is accepted.

Features

Built-in Low-cut Filter

The built-in low-cut filter is effective at reducing rumble from wind noise, vibration or air conditioning, allowing the target sound source to be clearly recorded.

Slide switch (Power OFF/NORM (Normal)/LOW CUT (Low-cut))

Set the switch according to the sound source.

The supplied wind screen greatly reduces wind noise and breath pops.

Shock-mount Microphone Holder

The shock mount holder included with the microphone helps to reduce vibration noise when mounted on a camcorder, which is especially helpful for hand-held shooting in the field.

Power Supplied by Camera or Alkaline AA Battery

Phantom power is supplied from the microphone input jack of the compatible Sony camcorder. When used with a DSLR or incompatible camcorder, about 900 hours of power is provided by installing a single alkaline AA battery.

Specifications

Generic Specifications

Mode	Monoral
Capsule type	Electret condenser
Directivity	Super-cardioid
Power supply	Approx. 900 hours with one AA alkaline battery or plug-in phantom power from audio jack of compatible camcorder
Frequency response	40 Hz ~ 20 kHz
Sensitivity (at 1 kHz)	-48 dB/Pa \pm 4 dB
Dynamic range	80 dB or more
Signal-to-noise ratio	76 dB or more
Inherent noise	18 dBspl (Average)
Maximum input sound pressure level	100 dBspl or more
Power requirements	Approx. 0.5 mW

Dimensions	Approx. \varnothing 21 mm \times 261 mm (\varnothing 27/32 in \times 10 3/8 in.) (excluding cord)
Mass	Approx. 85 g (3 oz.) (excluding battery)
Output jack	3.5 gold coating L type stereo mini plug cable length Approx. 35 cm (13 7/8 in.)
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage temperature	-20 °C to +60 °C
Supplied Accessories	Shotgun microphone (1), Wind sock (1), Microphone holder (1), Microphone spacer(1), Set of printed documentation

Gallery

