

## 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

