

## 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

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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

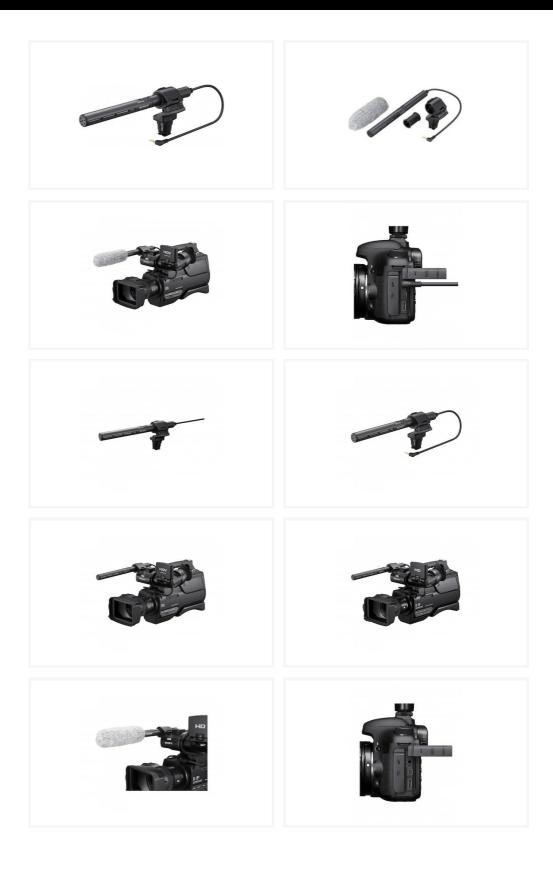
ModeMonoralCapsule typeElectret condenserDirectivitySuper-cardioidApprox. 900 hours with one AA alkaline battery or plug-in phantom power from audio jack of compatible camcorderFrequency response40 Hz ~ 20 kHzSensitivity (at 1 kHz)-48 dB/Pa ± 4 dBDynamic range80 dB or moreSignal-to-noise ratio76 dB or moreInherent noise18 dBspl (Average)Maximum input sound pressure level100 dBspl or morePower requirementsApprox. 0.5 mW	Generic Specifications	
Directivity  Super-cardioid  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±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	Mode	Monoral
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±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	Capsule type	Electret condenser
Power supply  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±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	Directivity	Super-cardioid
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Dimensions	Approx. Ø 21 mm × 261 mm (Ø 27/32 in × 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

## SONY

### Gallery



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