



## ECM-CG50BP

### Shotgun Microphone

#### Super-cardioid Directional Shotgun Microphone

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.

#### 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

Plug-in power is supplied from the microphone input jack of the compatible Sony camcorder. When used with a camcorder that doesn't support plug-in powering, about 900 hours of power is provided by installing a single alkaline AA battery.



Mounted on HVR-HD1000



Mounted on DSLR camera

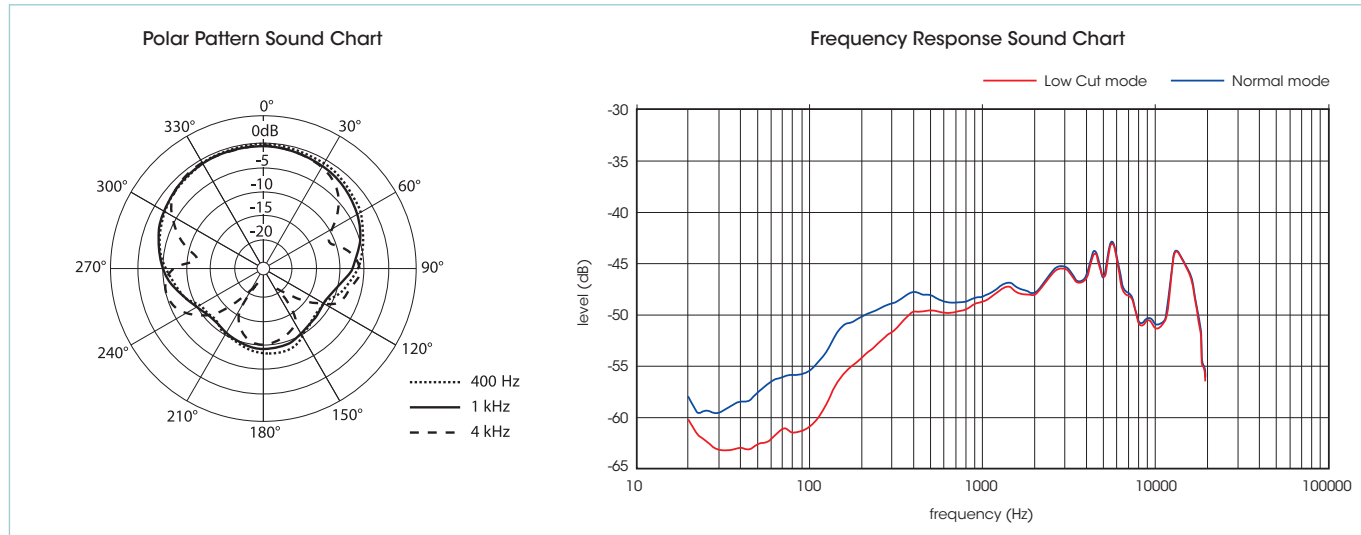
## Specifications

ECM-CG50BP	
Mode	Monaural
Capsule type	Electret condenser
Directivity	Super-cardioid
Power supply	Approx. 900 hours with one alkaline AA battery or plug-in power from audio jack of compatible camcorder
Frequency response	40 Hz ~ 20 kHz
Sensitivity (at 1 kHz)	-48 dB/Pa±4 dB *Specially tuned to be used with the camcorders AGC function
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. 27/32 in x 10 3/8 in. (21 mm x 261 mm) (excluding cord)
Weight	Approx. 3 oz. (85 g) (excluding battery)
Output jack	3.5 gold coating L type stereo mini plug cable length Approx. 13 7/8 in. (35 cm)
Operating temperature	32 °F to 104 °F (0 °C to 40 °C)
Storage temperature	-4 °F to +140 °F (-20 °C to +60 °C)
Supplied Accessories	Shotgun microphone (1), Wind screen (1), Microphone holder (1), Microphone spacer(1), Set of printed documentation



\*Design and specifications are subject to change without notice.

## ECM-CG50BP Recording Characteristics



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