

ECM-B1M

Shotgun Microphone

New technology achieves variable directivity, super-directional to omnidirectional, in a compact microphone. This high-performance shotgun microphone delivers outstanding audio transmission quality with cameras that support direct digital input via the Multi Interface Shoe.

3 directivity patterns, including super-directional, in one compact microphone. Digital interface support ensures high audio quality, while Multi Interface Shoe connectivity eliminates the need for cables and separate power supply. Comprehensive audio controls provided.



Technical Summary

Icon Description

- Compact, lightweight design, 99.3mm (4 in) long, and 77.3g (2.8 oz)
- Pickup pattern: Super-directional / Unidirectional / Omnidirectional (selectable)
- Digital-interface compatible Multi Interface Shoe for clear sound
- Comprehensive manual control for optimal sound capture
- Wind screen supplied

Features

Three directivity modes

Advanced digital signal processing makes it possible to offer three switchable directivity patterns in one versatile microphone: super-directional, unidirectional, and omnidirectional.

Great sound with low noise

When connected via the Multi Interface Shoe of a compatible camera that features a built-in digital audio interface, the audio signal is directly transferred to the camera in digital form so that no degradation can occur. A simple switch also provides compatibility with a wide range of cameras using an analogue interface.

Mechanical noise suppression

An advanced shock and vibration suppressing design effectively minimises low-frequency, or handling, noise that can degrade audio quality. The absence of connecting cables also means that no noise can be transmitted to the microphone mechanically via cables and connectors.

Essential controls

Record level control, analogue output for compatibility with a wide range of cameras, and an attenuator that makes it easy to set optimum signal levels all add to this microphone's versatility. This level of control can contribute to smooth, stress-free post production.

Compatibility Information

Optional Accessories

XLR-K3M

A built-in digital audio interface enables high-quality audio recording with professional microphones. This versatile XLR Adaptor Kit supports a wide range of devices.

Super-directivity in a compact mic

Eight high-performance microphone units work with a newly developed beamforming algorithm to provide extremely sharp directivity that effectively rejects off-axis sound. All of this is achieved in a remarkably compact microphone that is only 99.3mm in length.

Cable-free connection

Simply clip the microphone into the Multi Interface Shoe on a compatible camera for direct power and audio connections without the need for extra cables or batteries. Sony's Multi Interface Shoe offers intelligent connectivity and control for a variety of accessories, providing maximum flexibility and mobility for α system shooting.

Effective filter for clear sound

A low-cut filter that cuts out subsonic noise is implemented through digital signal processing, maximising audio quality at the recording stage and thereby reducing the need for complex post processing.

Wind screen supplied

The ECM-B1M is supplied with a fur type wind screen that can reduce wind noise when shooting outdoors.