

Sony ECM-77B – Miniature Omni-Directional Lav Mic

The **Sony ECM-77B** is a miniature omni-directional lavalier microphone designed for professional broadcast, sound reinforcement and recording applications. The condenser element features a miniature profile allowing it to be easily concealed in performance and broadcast situations. The omni-directional pattern provides even frequency and sensitivity response at the direct and off-axis sections of the microphone capsule.

The ECM-77 provides a wide frequency response of 40Hz - 20kHz. The wide frequency response enables the microphone to accurately reproduce audio signal from a wide variety of sources. The ECM-77B is powered with an external 48 Volt phantom power source or AA alkaline battery. The ECM-77B is manufactured with a variety of connectors to accommodate various input devices, this version features a standard 3-pin XLR male connection.

Omni-directional Pattern

The omni-directional pattern provides even sensitivity and frequency response at the direct and off-axis sections of the microphone capsule.

Dual Power

The ECM-77B is powered with a single AA alkaline battery or external 48 volt phantom power source.

Miniature Profile

The miniature, unobtrusive profile enables the microphone to be easily concealed in broadcast and performance situations.

Standard XLR Connection

The ECM series is available in a variety of connections, this version features a standard 3-pin XLR male connection.

Transducer	Electret Condenser
Polar Pattern	Omnidirectional
Frequency Response	40 Hz - 20 kHz
Dynamic Range (Typical)	> 90 dB
Signal-to-Noise Ratio	64 dB, (@ 1 kHz)
Maximum Input Sound Level	120 dB, (@ 1 kHz, 1% THD)
Power Requirements	'AA' Battery (1.5v DC), or Phantom Power 48v DC
Output Impedance	150 Ohms, (+/-20%, 1 kHz Balanced)
Output Connectors	XLR-3M Type
Pad	None
Low Frequency Roll-Off	None
Applications	Radio, Television and Broadcast.
Dimensions	Microphone: .5 x .25" (12.5 x 5.6mm) LxDiameter Power supply: 5.25 x .82 (131.5 x 20mm) LxW Cable: 10' x .09" (3m x 2.3mm) LxW

Weight	Microphone: 0.053 oz. (1.5 g) Power Supply: 4.2 oz. (120 g)
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