

ECM-44BMP

Affordable omni-directional lapel microphone



Overview

Sony has produced over five million professional ECM (Electret Condenser Microphones) microphones and the ECM-44 is the affordable, general voice model. It provides good sound quality and is widely used in business presentation systems and TV production. The ECM-44 is available in four versions, featuring different connector types. This model, ECM-44BMP, has a 3.5 mm locking jack for use with the UWP and UWP-D bodypack transmitters (excluding UTXB03HR).

Convenient to use

The ECM-44 is an affordable alternative to the traditional hand held microphone and being 'hands free' it allows the presenter to concentrate on her/his performance

Professional image

Either 'in front of camera' or at a business presentation the ECM-44 creates a professional and tidy image.

Easy to use

It can often be difficult to achieve good quality voice pick-up but the ECM-44 can help get good results. The microphone's capsule is designed for general voice pick-up with a mid-frequency emphasis characteristic and a suitable frequency response.

Features

Tuned for voice pick-up

The ECM-44's capsule features an emphasis curve and a suitable frequency response for voice pick-up.

Compact size

The capsule has a diameter of only 8.5mm and is 14.5mm long.

Ready for wireless systems

The ECM-44BMP is compatible with the Sony UWP and UWP-D bodypack transmitters.

Specifications

Audio Section

Capsule Type	Electret Condenser
Frequency Response	40 Hz to 15 kHz
Directivity	Omni-directional
Sensitivity *[1]	-40.0 dB (10 mV)
Output Impedance * [2]	2.5kΩ±30%, Unbalanced
Dynamic Range	90 dB or more
Signal-to-Noise Ratio *[3]	62 dB or more
Inherent Noise *[4]	32 dB SPL or less
Induction Noise From External Magnetic	5 dB SPL or less

Field *[5]

Wind Noise *[6] 40 dB SPL or less (with windscreen)

Maximum Input
Sound Pressure Level 122 dB SPL
*[7]

General Section

Connector BMP type. Supplied with ø3.5 mm, 3-pole mini plug.

Mic Cable 3.9 feet
1.2 m

Power Requirements DC 1.1 V to 10.0V

Power Consumption 0.4 mA or less

Dimensions *[8] ø8.5 x 14.5 mm (Mic head)
ø11/32 x 19/32 inches (Mic head)

Mass Approx. 18 g
Approx. 0.6 oz

Supplied Accessories Urethane type windscreen (1)
Single/horizontal type tie clip (1)
Operating instructions (1)
Mic case (1)

Wind screen pack

Notes

Note

*[1] 0 dB = 1 V/Pa, at 1 kHz

*[2] Output impedance at 1 kHz

*[3] A-weighted, 1 kHz, 1 Pa.

*[4] 0 dB SPL = 20 μ Pa.

*[5] dB SPL/1E-7 T, 0 dB SPL = 20 μ Pa.

*[6] Wind noise at 6.56 ft/s (0 dB SPL = 20 μ Pa.)

*[7] 0 dB SPL = 20 μ Pa.

*[8] The values for dimensions are approximate.

Related products



UWP-D21

UWP-D bodypack wireless microphone package



UWP-D22

UWP-D handheld wireless microphone package



UWP-D26

UWP-D bodypack transmitter and XLR plug-on wireless microphone transmitter package

Gallery

