

## 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 3.5mm 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 *<br>[2]                 | 2.5kΩ±30%, Unbalanced |
| Dynamic Range                             | 90 dB or more         |
| Signal-to-Noise Ratio<br>*[3]             | 62 dB or more         |
| Inherent Noise *[4]                       | 32 dB SPL or less     |
| Induction Noise From<br>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  $\mu$ Pa.

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

\*[6] Wind noise at 2m/s (0 dB SPL = 20  $\mu$ Pa.)

\*[7] 0 dB SPL = 20  $\mu$ 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



### UWP-D11

UWP-D bodypack wireless microphone package



### UWP-D12

UWP-D handheld  
wireless microphone  
package

## Gallery

