

SONY

ECM-322BMP

Ear-set Electret condenser microphone



Overview

The ECM-322BMP is an earset microphone, ideal for a variety of multimedia presentation applications ranging from seminars, conferences to lectures and workshops.

Features

- **Optimum Sound Pickup**

Incorporating an omni-directional microphone capsule for reduced pop-and-wind noises, the ECM-322BMP earset microphone delivers a high sensitivity of -43 dB (7.1 mV) (*1) and allows clear voice pickup from any direction. (*1) 0 dB=1 V/Pa, at 1 kHz

- **Ear-Clip Style**

Featuring an ear-clip style design, the ECM-322BMP earset microphone can be worn on either the left or right ear.

- **Adjustable Microphone Position**

The slim and flexible microphone boom allows perfect positioning of the ECM-322BMP microphone.

- **Secure and Comfortable Fit**

With its soft-texture ear hook, the ECM-322BMP earset microphone is comfortable to wear and fits stably on the ear, even during lengthy presentations.

- **Compact and Lightweight Design**

The ECM-322BMP has been designed as a compact and ultra-lightweight earset microphone, weighing only 15 g (0.5 oz) (*2). (*2) Excluding the cable

- **Supplied with a 3-pole mini-jack with a stable lock mechanism**

Supplied with 3-pole mini-jack with a stable lock mechanism for use with the UWP series bodypack transmitter.

Technical Specifications

Audio Section	
● Capsule Type	Electret Condenser
● Frequency Response	50 Hz to 18 kHz
● Directivity	Omni-directional
● Sensitivity *[1]	-42 dB (7.91 mV) ±3 dB
● Output Impedance *[2]	1.4kΩ±30%, Unbalanced
● Dynamic Range	81 dB or more
● Signal-to-Noise Ratio *[3]	60 dB or more
● Inherent Noise *[4]	34 dB SPL or less
● Wind Noise *[5]	55 dB SPL or less
● Maximum Input Sound Pressure Level *[6]	115 dB SPL

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 2 V to 10 V
● Power Consumption	1.3 mA or less
● Dimensions *[7]	ø 8.4 x 168 mm (Mic head) ø 1 11/32 x 6 5/8 inches (Mic head)
● Mass	Approx. 10 g without connectors Approx. 0.4 oz without connectors
● Supplied Accessories	Operating instructions (1) Headband (1) Clip (1) Carrying case (1)

Notes	
● Note	<p>*[1] 0 dB = 1 V/Pa, at 1 kHz *[2] Output impedance at 1 kHz *[3] A-weighted, 1 kHz, 1 Pa. *[4] 0dB SPL = 20? Pa. *[5] Wind noise at 2m/s (0 dB SPL = 20?Pa.) *[6] 0 dB SPL = 20? Pa. *[7] The values for dimensions are approximate.</p>