

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.

Specifications

Audio Section	
Capsule Type	Electret Condenser
Frequency Response	50 Hz to 18 kHz
Directivity	Omni-directional
Sensitivity *[1]	-42 dB (7.91 mV) \pm 3 dB
Output Impedance * [2]	1.4k Ω \pm 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	115 dB SPL

*[6]

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]	ø8.4 x 168 mm (Mic head) ø11/32 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

*[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.

Note

*[5] Wind noise at 2m/s (0 dB SPL = 20 Pa.)

*[6] 0 dB SPL = 20 Pa.

*[7] The values for dimensions are approximate.

Gallery

