

OUTLINE

The Sony **ECM-322BC** and **ECM-322BMP** are headset microphones, ideal for a variety of multimedia presentation applications ranging from seminars and conferences to lectures and workshops. Incorporating an omni-directional microphone capsule, these microphones provide highly sensitive and clear sound pickup. Their extra lightweight and ergonomic design provides a tight and secure, yet extremely comfortable fit on the ear, even over long periods of time. Both models are equipped with a slim and flexible boom, so that microphone position can be adjusted for optimum voice pickup. In addition, their ear-clip styling means you can wear them on either your left or right ear. Two model types are available, allowing integration into both the Sony UWP and WL-800 Series wireless microphone systems.

Choose the ECM-322 Series headset microphones and convey your message in a stylish and effective way.

FEATURES

Optimum Sound Pickup

Incorporating an omni-directional microphone capsule for reduced pop-and-wind noises, ECM-322 Series headset microphones deliver a high sensitivity of -42 dB (7.94 mV)*¹ and allow clear voice pickup from any directions. The microphone boom of the ECM-322 Series is made of elastomer material, greatly reducing unwanted handling noise.

*¹ 0 dB=1 V/Pa, at 1 kHz

Ear-Clip Style

Featuring an ear-clip style design, the ECM-322 Series headset microphones 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-322 Series microphone.

Secure and Comfortable Fit

With their adjustable soft-texture ear hook and detachable headband, ECM-322 Series headset microphones are comfortable to wear and fit stably on the ear, even during lengthy presentations.

Compact and Lightweight Design

The ECM-322 Series has been designed as a compact and ultra-lightweight headset microphone, weighing only 10 g (0.4 oz)*².

*² Without connector



ECM-322 Series

ECM-322BC/ECM-322BMP

ELECTRET CONDENSER
MICROPHONE

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ECM-322 SERIES SPECIFICATIONS

Capsule type	Electret Condenser
Directivity	Omni-directional
Frequency response	50 Hz to 18 kHz
Sensitivity (0 dB=1 V/Pa, at 1 kHz)	-42 dB (7.94 mV) \pm 3dB
Output impedance at 1 kHz	1.4 k Ω \pm 30% (unbalanced)
Dynamic range	81 dB or more
Signal-to-noise ratio (A-weighted, 1 kHz, 1 Pa)	60 dB or more
Inherent noise (0 dB SPL = 2E-5 Pa)	34 dB SPL or less (IEC 179, A-weighted)
Wind noise	55 dB SPL or less
Maximum input sound pressure level	115 dB SPL
Power requirements	DC 2 V to 10 V
Current drain	1.3 mA or less
Connector type	SMC9-4P (ECM-322BC) 3-pole locking mini plug (ECM-322BMP)
Cable length	1.2 m (3.9 feet)
Dimensions	\varnothing 8.4 (capsule case) x 168 mm \varnothing 1 $\frac{1}{2}$ (capsule case) x 6 $\frac{5}{8}$ inches
Mass	10 g (0.4 oz) without connector
Supplied accessories	Headband (x1), clip (x1), carrying case (x1), operating instructions (x1)

Choice of models

ECM-322BC

Supplied with a Sony 4-pin connector (SMC9-4P) for use with the WRT-8B/822B bodypack transmitter



ECM-322BC
with WRT-822B

ECM-322BMP

Supplied with a 3-pole locking mini plug for use with the bodypack transmitter included in UWP series



ECM-322BMP
ECM-322BMP with bodypack transmitter included in the UWP-C1/S1/X1 package

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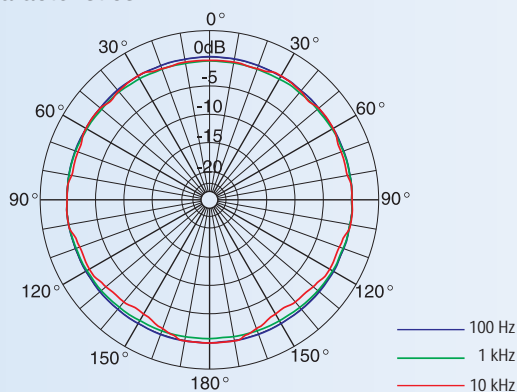
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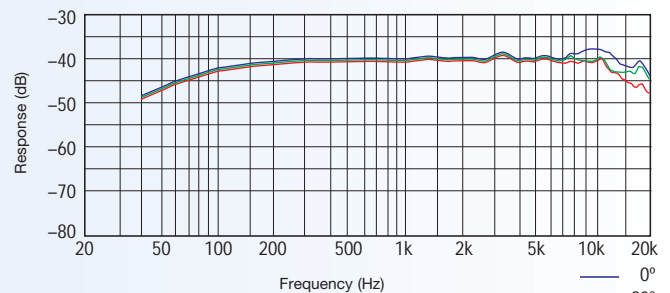
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Directivity Characteristics



Frequency Response Characteristics



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