



ECM-322 Series

Electret Condenser Microphone

OUTLINE

The Sony ECM-322BC and ECM-322BMP are headset microphones, ideal for a variety of multimedia presentation applications ranging from seminars, 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 $-42 \text{ dB (7.94 mV)}^{*1}$ 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} $0 \text{ dB}=1 \text{ V/Pa}$, 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

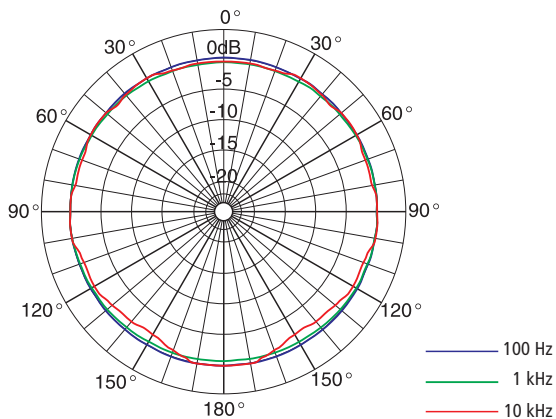
The ECM-322 Series has been designed as a compact and ultra-lightweight headset microphone, weighing only 0.4 oz (10 g)^{*2}.

^{*2} Without connector

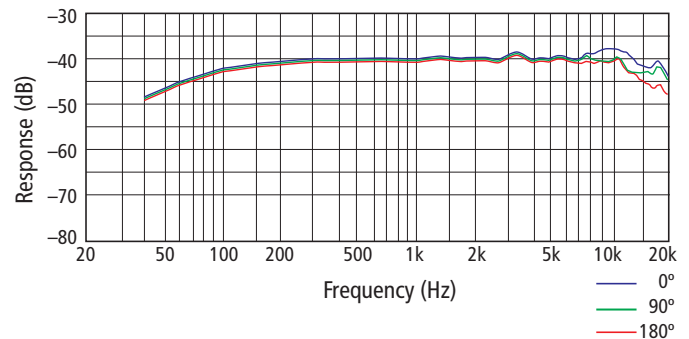


SPECIFICATIONS

	ECM-322BC	ECM-322BMP
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) ±3dB	
Output impedance at 1 kHz	1.4 kΩ ±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	3-pole locking mini plug
Cable length	3.9 feet (1.2 m)	
Dimensions	ø1 ¹ / ₃₂ (capsule case) x 6 ⁵ / ₈ inches ø8.4 (capsule case) x 168 mm	
Weight	0.4 oz (10 g) without connector	
Supplied accessories	Headband (x1), clip (x1), carrying case (x1), operating instructions (x1)	



Directivity Characteristics



Frequency Response Characteristics

CHOICE OF MODELS

ECM-322BC : Supplied with a Sony 4-pin connector (SMC9-4P) for use with the WRT-8B/822A/822B bodypack transmitter

ECM-322BMP : Supplied with a 3-pole locking mini plug for use with the bodypack transmitter included in UWP series



ECM-322BC with WRT-822B



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

SONY

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