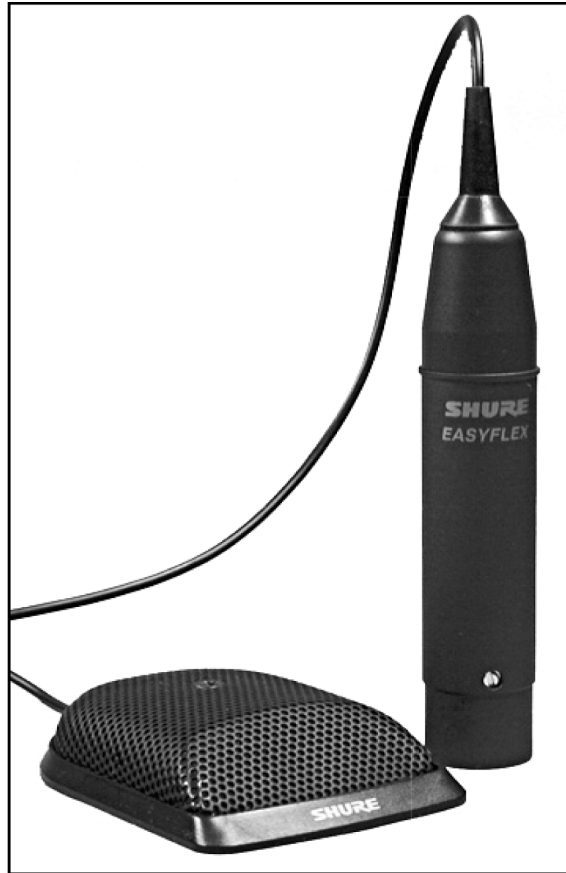


EASYFLEX EZB SERIES MICROPHONE



DESCRIPTION

Shure Easyflex EZB Series microphones are small, surface mounted electret condenser microphones designed for mounting on conference tables, stage floors, and lecterns. Their wide frequency range makes them especially suitable for picking up speech and vocals in sound reinforcement and recording applications.

FEATURES

- Flat frequency response across the vocal range for uncolored sound.
- Sleek, low-profile design for unobtrusive appearance.
- In-line preamp reduces visible size of microphone
- Available in either cardioid or omnidirectional models

AVAILABLE MODELS

EZB/C: Cardioid polar pattern.
EZB/O: Omnidirectional polar pattern.

ARCHITECTS' and ENGINEERS' SPECIFICATION

The microphone shall be a small surface-mounted electret condenser microphone, with options for a cardioid or omnidirectional polar pattern. The microphone shall have wide frequency response and a high sensitivity, making it ideal for use in challenging sound reinforcement and recording environments. The microphone shall include an external preamplifier.

The microphone shall be designed so that it can be either set in place temporarily, or securely installed. The microphone shall be available in both white and charcoal gray to blend with any surrounding.

The microphone shall be of the Shure Easyflex EZG series.

SPECIFICATIONS	Frequency Response (Figure 1)	50 to 17,000 Hz
	Polar Pattern (Figure 1)	Cardioid or Omnidirectional
	Output Impedance (at 1 kHz)	Rated at 150 Ω (170 Ω actual)
	Open Circuit Sensitivity (at 1 kHz, ref. 1 V/Pascal*)	Cardioid: -39.0 dB (11.2 mV) Omni: -34.0 dB (20.0 mV) *1 Pascal = 94 dB SPL
	Maximum SPL (1 kHz at 1% THD, 1 kW load)	Cardioid: 122.5 dB Omni: 117.5 dB
	Maximum Equivalent Output Noise (A-weighted at 1kΩ load)	Cardioid: 23.0 dB Omni: 17.5 dB
	Signal to Noise Ratio (referenced to 94 dB SPL)	Cardioid: 71.0 dB Omni: 76.5 dB
	Dynamic Range (at 1 kΩ Load)	Cardioid: 99.5 dB Omni: 100.0 dB
	Common Mode Rejection	45 dB minimum
	Preamplifier Output Clipping Level (1 kHz at 1% THD, 1 kΩ load)	-12.0 dBV (0.25 V)
	Polarity	Positive sound pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of output connector.
	Power Requirements	11 to 52 Vdc phantom, 2.0 mA
	Environmental Requirements	Operating Temperature Range: -18° C to 57° C (0° F to 135° F) Relative Humidity: 0 to 95%
	Dimensions	2-15/16" L x 2-1/16 W x 17/32" H
	Weight	1lb
	Certification	Eligible to bear CE Marking. Conforms to European EMC Directive 89/336/EEC. Meets applicable tests and performance criteria in European Standard EN55103 (1996) parts 1 and 2, for residential (E1) and light industrial (E2) environments.

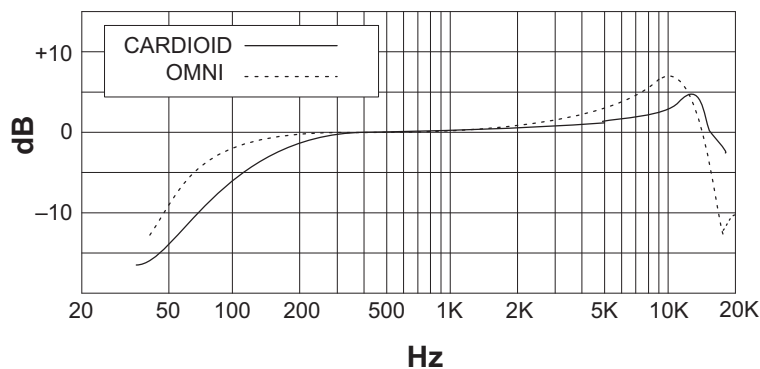


FIGURE 1

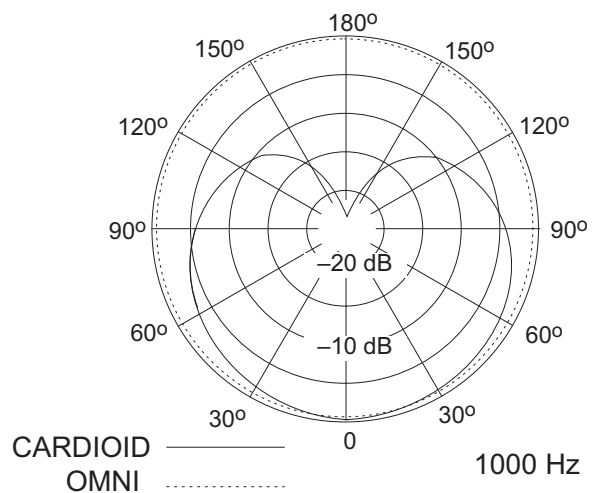


FIGURE 2

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