

EGM

Electret Gooseneck Microphone

The EGM-8N 8" (20 cm), EGM-12N 12" (30.5 cm), and EGM-18N 18" (45.7 cm) electret cardioid microphones are ideally suited for vocal sound reinforcement, and public address and intercom applications. The unidirectional cardioid response makes them particularly beneficial when background noise is a problem. Each microphone features a self-locking Neutricon connector for panel mounting, specifically selected for use with the previous DKP-8, DKP-12, and KP-12 models.

Features

Utilizes a special, low-mass diaphragm for excellent frequency and transient response with low distortion.

Always available to the intercom system: no on-off switch.

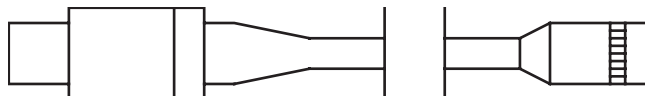
May be powered from any 9-52 VDC external (phantom) power source.

Rugged construction for long life.

Panel-mount seven-pin Neutricon connector.

Non-reflective black finish.

Line Drawing



EGM Specifications

Microphone Element

Electret Condenser

Polar Pattern

Cardioid (unidirectional)

Frequency Response

20 to 20,000 Hz

Output Impedance

5,000

Output Level (Open Circuit at 1 kHz)

-57 dB

Dynamic Range

Greater than 110 dB

Maximum Input SPL (1 kHz, 1% THD)

130 dB

Signal to Noise Ratio

Greater than 67 dB at 1 kHz

Power Requirements

3 to 20 VDC at bias terminal

Connector

Neutricon, seven-pin, self-locking

Contact Information

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Form Number: LIT000045000

Date: April, 2006

Ordering Information

EGM-8N: 8" Electret Gooseneck Microphone:

Catalog Number: 90007355002

EGM-12N: 12" Electret Gooseneck Microphone:

Catalog Number: 90007355000

EGM-18N: 18" Electret Gooseneck Microphone:

Catalog Number: 90007355001

This specifications information is preliminary and is subject to change without notification.

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