**IM Series™**

**For Fixed Sound Installations**

For Conference Rooms, Conference Tables and Other Applications

- High Definition Microphones™ for Conference Rooms and Fixed Sound Installations
- Near-perfect Polar Response (uniform frequency response at 0°, 45° & 90°)
- Can be Mounted in Wall, Ceiling or Conference Tables (includes lock nut)
- High Rejections of Sounds from the Rear of the Microphone
- Very High Intelligibility
- More Gain Before Feedback
- 150Hz to 30kHz Frequency Response
- Very Easy to Position via Mini-gooseneck
- 139dB Max Acoustic Input
- Requires 24 - 48V Phantom Power
- Available in Black, White, Silver or Stainless Steel

**High Definition Microphones™ for Fixed Installations**

The Earthworks IM Series™ High Definition Microphones™ provide astounding audio quality for fixed installations. The IM Series™ can be custom mounted in a ceiling, wall or table and will provide the ultimate in sound quality, flexibility and ease of installation. The IM microphone’s uniquely designed small head and flexible mini-gooseneck allow it to be easily and precisely positioned. The IM Series™ near-perfect polar response will not beam or spotlight and will provide very high intelligibility. The frequency response of both the cardioid or hypercardioid at 90 degrees off-axis is within 2dB of the on-axis response (over its operating frequency range). This overall uniform frequency response of the hypercardioid is at least 5dB down at 90 degrees off-axis. This exceptional polar response allows the use of fewer microphones, while obtaining higher intelligibility and more gain before feedback.

**Near-Perfect Polar Response**

David Blackmer invented a number of new microphone technologies resulting in a totally new approach to microphone design. One such technology resulted in the creation of near-perfect polar patterns. When you look at a polar pattern of an Earthworks microphone, the mid-frequencies, high-frequencies and low-frequencies all look very close to a “textbook” polar pattern. In practice this means the polar response of an Earthworks microphone is extremely uniform over its operating frequency range; the frequency response at 90 degrees off-axis is very close to the on-axis response. This uniform polar response results in less phase problems and much higher intelligibility at the sides of the microphone.

**IM Series™ Installation Microphones**

The IM Series™ provides a low profile, pristine sounding microphone solution for permanent installations. Featuring a flat frequency response and patented polar technology, orators will maintain the same intelligibility throughout the room without a reduction of sound level or loss of high frequencies, while obtaining more gain before feedback. The IM Series™ installation microphones provide a 150Hz to 30kHz frequency response, near-perfect polar response with pristine audio in an attractive low-profile package with options of 3, 6, 10 or 12 inch mini-goosenecks in black, white, silver or stainless steel.
IM Series  High Definition Installed Sound Microphones™
For Conference Rooms & Fixed Sound Installations

IM3

IM6

IM10

IM12

Special Order Options include custom microphone colors and custom gooseneck lengths.

IM SERIES
SPECIFICATIONS

Frequency Response: 500Hz to 30kHz
Polar Pattern: Cardioid
Sensitivity: 20mV/Pa (-34dBV/Pa)
Power requirements: 24 - 48V Phantom, 10mA
Max Acoustic Input: 139dB SPL
Output: XLR-3 (pin 2+)
Min. Output Load: 600 ohms between pins 2 & 3
Noise: 16dB SPL (A weighted)
Dimensions: See drawings at right
Color: Black, White, Silver or Stainless Steel
Weight: 0.28 lbs. (125g)

Specifications Subject to Change without Notice

Earthworks, Inc. • 37 Wilton Rd. • Milford, NH 03055 • (603) 654-2433, ext 114 • email: sales@earthworksaudio.com • earthworksaudio.com