



## IMR/IMLR

### FIXED SOUND INSTALLATIONS

#### FOR PERMANENT INSTALLATIONS IN TABLETOPS

Optimized for speech, the IMR microphones feature a flat frequency response out to 30kHz that delivers the highest level of speech intelligibility and articulation. Whether speaking directly on axis or to the sides of the microphone, the IMR microphone always reproduces the speaker's voice with incredible clarity and intelligibility. This wider coverage also means that fewer Earthworks microphones are required to properly cover a conference room. Compatible with all DSP systems that provide 24-48V phantom power, the IMR microphones can easily integrate into existing system designs or new installations. (For the IMLR microphones, the LumiComm™ dual color Touch Ring LED is touch sensitive and is powered from an external power source of 8to 28VDC @ 85-170 mA (current is dependent upon number of LEDs illuminated at one time.)

WARRANTY Earthworks products carry a limited warranty. Visit [earthworksaudio.com/warranty](http://earthworksaudio.com/warranty) for more information.

**EARTHWORKS AUDIO**

## FEATURES

- 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
- 20Hz to 30kHz Frequency Response
- Very High Intelligibility
- More Gain Before Feedback
- Rigid Gooseneck
- LumiComm™ LED Touch Ring (dual colors of red and green) with separate touch sensor (IMLR only)
- Available in Black, White or Stainless Steel

## TROUBLESHOOTING

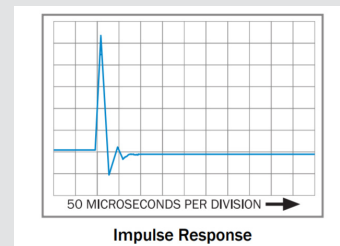
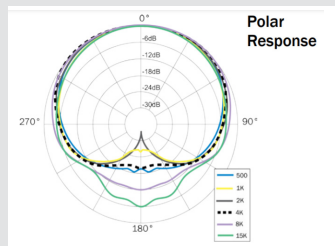
If you encounter issues while using your Earthworks Audio microphone, please make sure that:

- Your microphone is connected to an active power supply.
- Phantom power is being supplied to the microphone.
- Your microphone and XLR cable are well connected.
- The microphone is positioned at an appropriate distance from the sound source.
- External noise in your recording environment is kept to a minimum.
- Your recording space is at room temperature and free of dust.

If your issue persists after checking, please contact us via our website.

## SPECIFICATIONS

<b>Frequency Response</b>	20Hz – 30kHz
<b>Polar Pattern</b>	Cardioid
<b>Sensitivity</b>	20mV/Pa (-34dBV/Pa)
<b>Power Requirements</b>	24-48V Phantom, 10mA
<b>Max Acoustic Input</b>	139dB SPL
<b>Output</b>	XLR-3 (pin 2+)
<b>Output Impedance</b>	65Ω balanced (between pins 2 & 3)
<b>Min Output Load</b>	600Ω between pins 2 & 3
<b>Noise</b>	16dB SPL equivalent (A weighted)
<b>Light Ring Connector</b>	Phoenix or RJ45
<b>Light Ring Voltage</b>	8-28VDC @ 85-170mA
<b>Light Ring Activation</b>	Momentary Digital Pulse
<b>Color</b>	Black, White, or Stainless Steel
<b>Weight</b>	.28lb. (125g)



## WE'RE HERE TO HELP

For anything else, we're a phone call or email away. Please feel free to contact us by email at [sales@earthworksaudio.com](mailto:sales@earthworksaudio.com), or by phone at (603)-654-2433.