



IMDL1

BOUNDARY MICROPHONE

FOR BOARDROOMS, TELECONFERENCING & GOVERNMENT FACILITIES

The IMDL1 is a low profile, pristine sounding solution directional microphone solution for permanent sound installations. Its uniform extended frequency response and near-perfect polar pattern allow participants to maintain the same high intelligibility at the front or sides of the microphone without loss of high frequencies. Its excellent impulse response allows the diaphragm to settle substantially faster than other microphones, resulting in much greater intelligibility. In addition the IMDL1 has nearly three times the rear rejection of conventional directional boundary microphones, eliminating sounds from the opposite side of the table. The LumiComm™ dual color LED Touch Ring requires an external power source of 8 - 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 for more information.

EARTHWORKS AUDIO

FEATURES

- High Rejection of Sounds from the Rear of the Microphone
- RF Shielding against cell phones and other RF devices
- LumiComm™ LED Touch Ring (dual colors of red and green) with separate touch sensor from LED light ring
- Near-perfect Polar Response (uniform frequency response at 0°, 45° & 70°)
- 20Hz to 30kHz Frequency Response
- @ 45° Incidence to the Surface
- Max Acoustic Input 145dB SPL
- Available in Black or Stainless Steel Finish

TROUBLESHOOTING

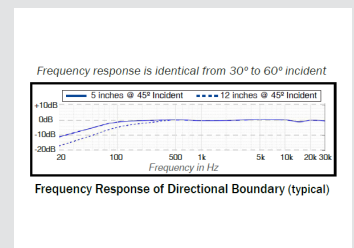
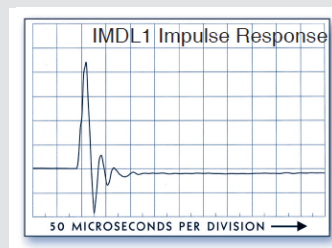
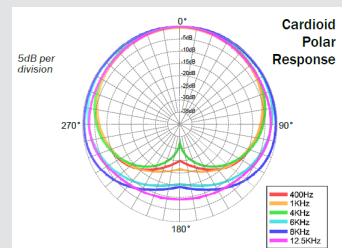
If you encounter issues while using your Earthworks Audio microphone, please make sure that:

- 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

Frequency Response	20Hz to 30kHz +2dB @ 1 ft. (30cm) at 45° incidence to the surface
Polar Pattern	Cardioid
Sensitivity	10mV/Pa (-40dBV/Pa)
Power Requirements	24-48V Phantom, 10mA
Max Acoustic Input	145dB SPL
Output	XLR-3 (pin 2+)
Output Impedance	65Ω balanced between pins 2 & 3
Min Output Load	600Ω between pins 2 & 3
Noise	20dB SPL (A weighted)
Touch Sensor Output	Contact Closure
Light Ring Connector	Phoenix or RJ45
Light Ring Voltage	8-28VDC @ 85-170mA
Light Ring Activation	Momentary Digital Pulse
Microphone Color	Black or Stainless Steel
Weight	0.36 lbs. (162g)



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, or by phone at (603)-654-2433.