

Indoor/Outdoor Medium Power Speaker Array

Features:

- Suitable for indoor or outdoor applications
- 134 dB SPL peak acoustic output
- STI 0.84/1.0
- 0.4-mile radius
- UL1480A listed
- Hazardous Location Certified: Class I Division 2 (CID2), Groups A, B, C, and D outdoor wet listed

Description:

The HyperSpike® MA-Micro is a lightweight, 360° medium power speaker array that broadcasts live and pre-recorded voice commands and tones over a half mile radius. Leading the industry in voice intelligibility, the MA-Micro speaker design achieves an exceptional STI of 0.84/1.0, ensuring commands are clearly transmitted and heard, even in high noise environments. The battle tested MA-Micro comes with a waterproof UV-resistant enclosure ensuring durability in harsh environments.



Input Voltage	41 VRMS
Power Rating	Up to 500 W continuous
Impedance	4 ohms
Frequency Response	125 Hz – 8 kHz
Beam Width	360° omni directional
Weight	20 lbs (9.1 kg)
Dimensions	12.8" DIA x 8.0" H
Certifications	CID2 – Groups A, B, C, and D UL1480A Listed CSA C22.2 No. 205 CAN/CSA C22.2 No. 213-15 ANSI/ISA 12.12.01-2015
Environmental	-20°C to 60°C

Models:

- UL1480A & CID2 MA-Micro
- 90145A-801-02-L Tan (10' Leads)
 - 90145A-801-04-L Gray (10' Leads)

Uncertified MA-Micro

- 90145A-801-02 Tan (10' Leads)
- 90145A-801-04 Gray (10' Leads)
- 90145A-802-02 Tan (Connector)
- 90145A-802-04 Gray (Connector)

Accessories:

- 92010A-801 Tripod, Heavy Duty, with bag
- 90209A-802 Mounting Kit, HS-Series Emitter Pole Mount
- 90209A-804 Mounting Kit, 10 Foot Roof Mount
- 74014A-SK15 Mounting Kit, Emitter Ceiling Mount, ECC
- 90172A-805 Standalone Amplifier Crown 4002 Xti
- 90202A-803 Amplification Pod
- 90100A-801 Audio Optimizer Software
- 42155A-XXX Connectorized Cable – length and gauge vary
- 90179A-801 70V Constant-Voltage Transformer

Architect and Engineer Specifications:

The Medium Power Speaker Array shall be a HyperSpike® model 90145A-80__-__, providing alarm tone, pre-recorded or live voice announcements at __ dB, measured at 1 meter from the source. The emitter shall be a 5 sided unit weighing no more than 20 lbs (9.1 kg) with one (1) 2" outside diameter (OD) pipe and pedestal, pole, or wall mounting hardware. The emitter shall be able to transmit a 360° omnidirectional audible signal up to 0.5 square mile and operate at a power of 500 W. Equipment shall be suitable for indoor or outdoor wet locations and approvals shall include UL1480A listing with Class I Division 2, Groups A, B, C, and D Hazardous Location Certification; or Non-Hazardous locations only.

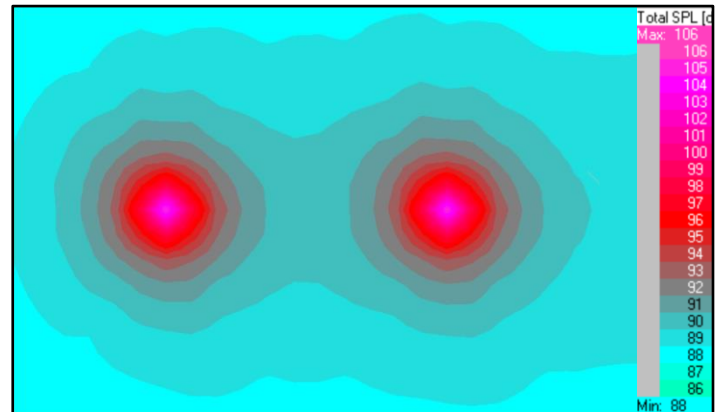
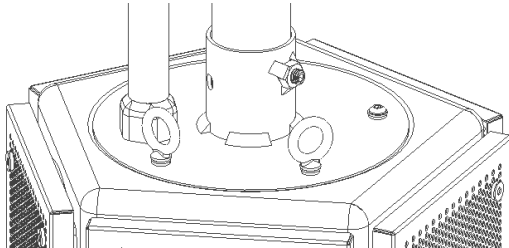
MA-Micro

500W Omni Directional Loudspeaker



Mounting:

The MA-Micro comes standard with a mast mount and is intended to be pole mounted or suspended from this mount. The unit can be rigidly mounted or hung.

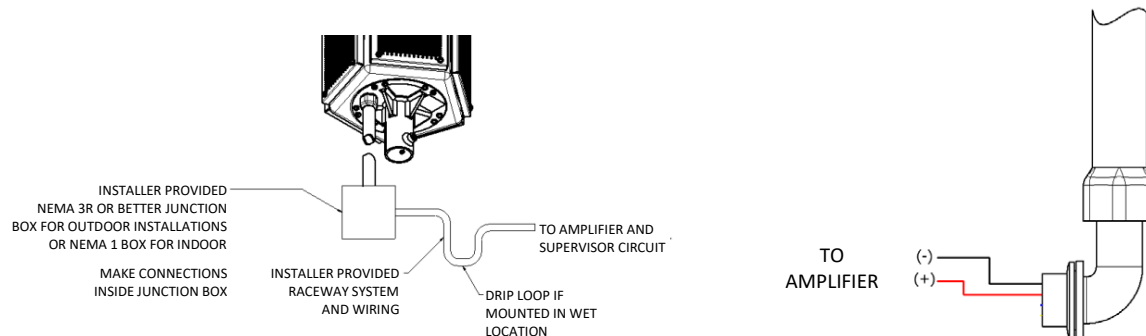


Free sound modeling services and EASE® / EASE® Evac .gll files are available.

Wiring Leaded Systems:

The MA-Micro system comes with a 10-foot long $\frac{3}{4}$ " flexible conduit and 11-foot 14 AWG lead. The connection at the end of the conduit requires an installer-supplied junction box with a rating suitable for the installation environment of the box.

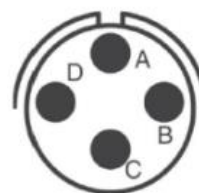
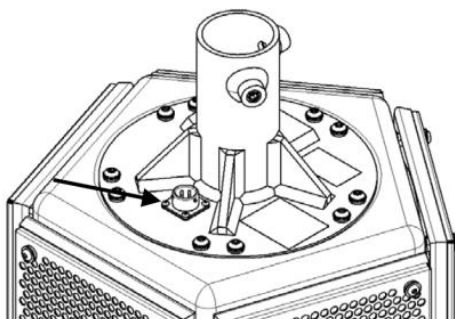
The MA-Micro has 14 AWG leads coming out of the speaker as depicted below. The red/black pair is used for attaching to the customer-supplied amplifier or an optional HyperSpike® amplifier.



Wiring Connectorized Systems:

The connectorized MA-Micro system has a four-pin connector that provides audio to the speaker from the amplifier.

The connectorized MA-Micro has a four-pin connector. Included with the unit is a speaker cable used to connect the unit to a customer-supplied amplifier or an optional HyperSpike® amplifier.



Pin A – Channel 1 (-)
Pin B – Channel 1 (+)
Pin C – N/A
Pin D – N/A