

CLEAR VOICE™

2MN-P



In response to the global demand for an acoustic hailing device that has the ability to effectively communicate with large crowds over great distances, the *Clear Voice*™ family of **planar speakers** was developed to meet this challenge.

Built around the proprietary design of the planar transducer, Clear Voice is able to achieve distance and clarity levels that are unmatched by any conventional speaker and horn. Other planar devices that claim to have similar performance capabilities can not compete with Clear Voice in head to head demonstrations.

The Clear Voice 2MN-P is capable of delivering intelligible messages over 300 meters and is the perfect solution for loud production areas or outdoor environments where conventional speakers and horns cannot overcome the ambient noise level. With the proprietary Clear Voice technology, the 2MN-P speaker is powered by two transducers that can deliver unimaginably clear and intelligible messages, even when broadcasting at 10 decibels below the ambient noise level!

The 2MN-P housing is made of a unique Xenoy polycarbonate material designed to withstand every environment including extreme heat and cold to -20 degrees and is impervious to UV light and chemical exposure. Designed with watertight seals and connectors, the 2MN-P can be deployed anywhere and meets IP-66 specifications.

Applications

- **Industrial Plants**
- **Transportation Yards**
- **Railway Stations**
- **Aircraft Hangers**
- **Emergency Response**
- **Mass Notification**
- **Law Enforcement**
- **Military Applications**
- **Sports Stadiums**
- **Coast Guard Boats**
- **Maritime Vessels**
- **Tactical Vehicles**
- **Public Address**



MADE IN USA

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The 2MN-P is a mid-sized speaker that has the power to operate as a stand-alone solution and the flexibility to be designed into a larger installation. The 2MN-P is self-powered and is accompanied by a variety of mounting options allowing for easy deployment in any situation.

Powerful and adaptable, the 2MN-P can deliver a concentrated signal to a defined location or configured in an array covering a wide area and long distances. The magnetic vehicle mount or tripod stand, combined with the self contained controller case, creates a mobile solution providing first responders and tactical team with the ability to deliver messages where it is needed most. When designed with the different mounting solutions, the 2MN-P is the perfect solution for industrial plants, production facilities, transportation yards, oil fields, ports of call, stadiums, college campuses, and public gathering space where clear and intelligible communication is essential.

Configurations: Compact, highly portable, full-range Planar Magnetic Speaker for indoor and outdoor use. Available in passive, self powered, and battery operated versions.

Driver: 2 MAD-1 planar magnetic transducers each mounted to a 500 Hz. Waveguide

Impedance: 4 ohm

Power Handling: 100 watts RMS or 1500 way peak (per transducer) for less than 5 milliseconds

Sensitivity: 1w/1m = 120dB-SPL when coupled to the waveguide

Enclosure: Made of Xenoy, high impact resistant, heat resistant, chemical resistant, weather resistant. Available in Desert Sand or Black. Customer colors are available for an additional charge.

Environmental Design: Designed to meet IP-66 classification and MIL-STD-810F specifications. Operates from -40 degrees Fahrenheit to 140 degrees Fahrenheit.

Available Accessories: Tripod yoke and speaker stand; magnetic mount for vehicles and watercraft; wireless microphone system; hardshell road case; variety of mounting solutions for fixed installations and custom applications.

Weight and Dimensions

Model: 2MN-P

Weight: 31 lbs.

Dimensions: 11"W x 23"H x 16.4"D

Warranty: 3 Years for speaker materials and workmanship