

This all-weather, ultra-lightweight speaker is ideal for voice or alarm applications. Designed for the military, it is so lightweight that it can be worn. The phenolic cone and plastic housing help prevent moisture absorption, especially useful in highly humid locations. Its solid-state piezo electric driver means it can reliably handle high power without burning out. It also works great for audio systems in magnetic resonant imaging rooms as an MRI speaker.

- Ultra-lightweight and ultra-thin
- 100 Watts, program power
- High impedance, approximately 1000 ohms.
- Treated phenolic cone
- Includes screw-down grille with built-in windscreen
- Piezo Bender, Solid State Technology, appears capacitive electrically
- Structural corrosion-proof plastic structure
- Treated phenolic surround
- The only piezo speaker manufactured in North America

This speaker operates with no voice coil and no magnet. It is feather light, less than 1.13 oz, and ideal for near-field voice and signal/buzzer audio. MISCO engineers designed it to handle 50 Watts (EIA).



Primary Specifications

Size, Nominal (inch & mm)	4" (100 mm)
Rated Impedance (Ω)	1000
Sensitivity (dB SPL) ¹	80
Frequency Range (Hz)	450 - 20, 000
Resonant Frequency (Fs) (Hz) +/- 15%	500

More Specifications

Application	Aerospace, Commercial, Medical, Military, Outdoor , Signal / Alarm Systems, Voice Communications
RoHS Compliant	No
Program Power (W)	100

Small Signal Parameters

Nominal Impedance (Z) (Ω)	1000
Voice Coil Inductance (Le) (mH)	
Resonant Frequency (Fs) (Hz) +/- 15%	500
Total Q Factor (Qts)	0.83

Material Descriptions

Basket Type	Plastic
Terminal Size (mm)	5.2 x 0.5mm (0.205" x 0.02")
Magnet Material	Piezo Element
Cone Body Material	Phenolic treated cloth - yellow
Cone Surround Material	Phenolic treated cloth - yellow
Net Weight (kg)	0.032

