

THIS IS A "BUILT TO ORDER" PRODUCT

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This all-weather, ultra-lightweight speaker is ideal for voice or alarm applications. Designed for the military, it is so lightweight it can be worn. The phenolic cone and plastic housing helps 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; 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

<b>Size, Nominal (inch &amp; mm)</b>	4" (100 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	1000
<b>Sensitivity (dB SPL) <sup>1</sup></b>	80
<b>Frequency Range (Hz)</b>	450 - 20,000
<b>Resonant Frequency (Fs) (Hz)</b>	500

### More Specifications

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

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	1000
<b>Voice Coil Inductance (Le) (mH)</b>	
<b>Resonant Frequency (Fs) (Hz)</b>	500
<b>Total Q Factor (Qts)</b>	0.83

### Material Descriptions

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

