

This all-weather speaker is ideal for outdoor and indoor applications. It is often used in entry intercoms and easily fits into small enclosures and tight spaces. It is also suited for equipment alarms where repeated tones require durability. Its Alnico V, HE+ magnet helps deliver high levels of clear communication. Its mylar cone design helps prevent moisture absorption, especially useful in highly humid locations.

- Voice range speaker
- 2" (50 mm) basket diameter
- 1 watt, 8 ohms, 88 dB SPL
- 0.6" copper voice coil, paper former
- Shielded alnico magnet, stamped steel basket
- Mylar cone & surround



### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	2" (50 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	8
<b>Sensitivity (dB SPL) <sup>1</sup></b>	88
<b>Frequency Range (Hz)</b>	500 - 6,000
<b>Resonant Frequency (Fs) (Hz)</b>	500

### More Specifications

<b>Application</b>	Drive-Thru / Kiosk, Medical, Signal / Alarm Systems, Voice Communications
<b>RoHS Compliant</b>	Yes
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	7.8
<b>Program Power (W)</b>	2

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	8
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	7.8
<b>Voice Coil Inductance (Le) (mH)</b>	0
<b>Resonant Frequency (Fs) (Hz)</b>	500
<b>Mechanical Q Factor (Qms)</b>	5.4
<b>Electrical Q Factor (Qes)</b>	8.5
<b>Total Q Factor (Qts)</b>	3.29

### Material Descriptions

<b>Basket Type</b>	Stamped steel with zinc plating
<b>Terminal Size (mm)</b>	2.9 x 0.5
<b>Voice Coil Diameter (mm)</b>	15.0
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Paper
<b>Magnet Material</b>	Alnico
<b>Magnet Weight (gm)</b>	10
<b>Cone Body Material</b>	Mylar
<b>Cone Surround Material</b>	Mylar
<b>Spider Material</b>	Conex
<b>Dust Cap Material</b>	Mylar



