

This EN22ER-4A outputs wide range sound with a design that fits a variety of applications for voice or music. The high-energy neodymium magnet keeps this speaker light-weight yet powerful. A polypropylene cone and rubber surround resist water for more protection both indoors and outdoors. Quick-connect terminals also allow easy hook-up to your wire harness. This square speaker is the flexible and compact answer to your unique project demands.

- Wide range speaker
- 2.5" (64 mm) basket diameter
- 15 watts, 4 Ohms, 80 dB SPL
- 0.8" aluminum voice coil, aluminum former
- Neodymium magnet, stamped steel basket
- Polypropylene cone, rubber surround



#### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	2" (50 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	4
<b>Sensitivity (dB SPL) <sup>1</sup></b>	80
<b>Frequency Range (Hz)</b>	100 - 15, 000
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	119

### More Specifications

<b>Application</b>	Arcade Gaming, Casino Gaming, Home Audio, Voice Communications
<b>RoHS Compliant</b>	Yes
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	3.6
<b>Program Power (W)</b>	30

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	4
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	3.6
<b>Voice Coil Inductance (Le) (mH)</b>	0.08
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	119
<b>Mechanical Q Factor (Qms)</b>	3.41
<b>Electrical Q Factor (Qes)</b>	1.92
<b>Total Q Factor (Qts)</b>	0.83

### Material Descriptions

<b>Basket Type</b>	Black powder coat stamped-steel
<b>Terminal Size (mm)</b>	5.2 x 0.5
<b>Voice Coil Diameter (mm)</b>	20.3
<b>Voice Coil Wire Material</b>	Aluminum
<b>Voice Coil Former Material</b>	Aluminum
<b>Magnet Material</b>	Neodymium
<b>Magnet Weight (g)</b>	12
<b>Cone Body Material</b>	Polypropylene
<b>Cone Surround Material</b>	Rubber
<b>Dust Cap Material</b>	Polypropylene
<b>Net Weight (kg)</b>	0.1

