

This very compact, wide-range speaker is well-suited for both voice and music. With an acoustically dampened treatment on the engineered paper cone, it is a broad, flat frequency response. Its motor is made of a unique dual neodymium magnet design, which "turbo-charges" the speaker to provide high sensitivity and high power handling.

- 30 Watts of program power handling
- High output sensitivity for increased per-watt output
- High-compliant, natural rubber surround
- Black powder-coated steel basket
- Maximum Energy (ME) dual neodymium magnet

Note: This speaker has a tall surround for high excursions; therefore, grille placement cannot be flushed to the front of the cone.



## Primary Specifications

Size, Nominal (inch & mm)	3" (77 mm)
Rated Impedance ( $\Omega$ )	4
Sensitivity (dB SPL) <sup>1</sup>	87
Frequency Range (Hz)	110 - 14, 000
Resonant Frequency (Fs) (Hz) +/- 15%	111

### More Specifications

<b>Application</b>	Arcade Gaming, Casino Gaming, Drive-Thru / Kiosk, Voice Communications
<b>RoHS Compliant</b>	Yes
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	3.1
<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>	3.1
<b>Voice Coil Inductance (Le) (mH)</b>	0
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	111
<b>Mechanical Q Factor (Qms)</b>	1.3
<b>Electrical Q Factor (Qes)</b>	0.5
<b>Total Q Factor (Qts)</b>	0.36

### Material Descriptions

<b>Basket Type</b>	Stamped steel powder coated
<b>Terminal Size (mm)</b>	2.8 x 0.5
<b>Voice Coil Diameter (mm)</b>	20.3
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Aluminum
<b>Magnet Material</b>	Dual neodymium
<b>Magnet Weight (g)</b>	23
<b>Cone Body Material</b>	Treated paper
<b>Cone Surround Material</b>	Natural rubber
<b>Spider Material</b>	Cotton
<b>Dust Cap Material</b>	Treated paper
<b>Net Weight (kg)</b>	0.11



