

THIS IS A "BUILT TO ORDER" PRODUCT

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The DC32S-16-16 is a 3.5" speaker custom tailored for transit-based paging and voice communication. This model's 16-ohm dual voice coil models for supervised circuits to wire two separate channels into the same driver.

- Voice range transit speaker
- 3.5" (89 mm) steel basket diameter
- 4 watts, 16 ohms, 93 dB SPL
- 0.7" copper dual voice coil, aluminum former
- Felted paper cone, paper surround
- Ferrite magnet



#### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	3" (77 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	16
<b>Sensitivity (dB SPL) <sup>1</sup></b>	93
<b>Frequency Range (Hz)</b>	220 - 10, 000
<b>Resonant Frequency (Fs) (Hz)</b>	211

### More Specifications

<b>Application</b>	Indoor, Transit
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	12
<b>Program Power (W)</b>	8

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	16
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	12
<b>Resonant Frequency (Fs) (Hz)</b>	211
<b>Mechanical Q Factor (Qms)</b>	5.7
<b>Electrical Q Factor (Qes)</b>	2.66
<b>Total Q Factor (Qts)</b>	1.50

### Material Descriptions

<b>Basket Type</b>	Stamped steel
<b>Terminal Size (mm)</b>	4.8 x 0.5
<b>Voice Coil Diameter (mm)</b>	17.8
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Aluminum
<b>Magnet Material</b>	Ferrite
<b>Magnet Weight (gm)</b>	68
<b>Cone Body Material</b>	Felted paper
<b>Cone Surround Material</b>	Paper
<b>Dust Cap Material</b>	Felt
<b>Net Weight (kg)</b>	0.23

