

Choose the 93100 for a solid midwoofer replacement designed for your home or car audio systems. Experience high-quality sound reproduction, thanks to this driver's efficiency, flat response, and low coloration.

- Midwoofer
- 6.5" (165 mm) basket diameter
- 50 watt, 4 ohm, 86 dB SPL
- 1.5" copper voice coil, Kapton former
- Ferrite magnet, stamped steel basket
- Polypropylene cone, santoprene rubber surround

MISCO engineers test and analyze the performance of these speakers using the world's most sophisticated loudspeaker measurement systems including the Klippel Analyzer and the Klippel QC, which confirm the final design.

Pair this woofer with one of our [MISCO Amplifiers](#).



### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	6" (152 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	4
<b>Continuous Power (W)</b>	50
<b>Sensitivity (dB SPL) <sup>1</sup></b>	86
<b>Frequency Range (Hz)</b>	60 - 10, 000
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	70

### More Specifications

<b>Application</b>	Arcade Gaming, Casino Gaming, High-End Audio and Home Theater, Home Audio, Indoor, Musical Instruments
<b>RoHS Compliant</b>	No
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	3.7
<b>Program Power (W)</b>	100
<b>Continuous Power (W)</b>	50

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	4
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	3.7
<b>Voice Coil Inductance (Le) (mH)</b>	0.65
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	70
<b>Mechanical Q Factor (Qms)</b>	8.72
<b>Electrical Q Factor (Qes)</b>	0.75
<b>Total Q Factor (Qts)</b>	0.69
<b>Moving Mass (Mms) (gm)</b>	24.1
<b>Suspension Compliance (Cms) (mm/N)</b>	0.21
<b>Mechanical Resistance (Rms) (kg/s)</b>	1.22
<b>Surface Area of Diaphragm (Sd) (cm<sup>2</sup>)</b>	136.9
<b>Compliance Equivalent Volume (Vas) (L)</b>	5.67
<b>Motor Force Factor (BL) (T•M)</b>	7.3
<b>Efficiency (<math>\eta_0</math>) (%)</b>	0.25
<b>Efficiency Bandwidth Product (EBP) (Fs/Qes)</b>	94.0

### Material Descriptions

<b>Basket Type</b>	Stamped steel
<b>Terminal Size (mm)</b>	6.4 x 0.8 / 4.7 x 0.5
<b>Voice Coil Diameter (mm)</b>	38.1
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Kapton
<b>Magnet Material</b>	Ferrite
<b>Magnet Weight (g)</b>	567
<b>Cone Body Material</b>	Polypropylene
<b>Cone Surround Material</b>	Santoprene rubber
<b>Dust Cap Material</b>	Plastic
<b>Net Weight (kg)</b>	1.03

