

Looking for an exceptional outdoor speaker that can provide clear and comprehensive audio coverage? Look no further than the 90298! This sturdy device is designed to meet the demanding requirements of outdoor transit systems, ensuring dependable and high-quality audio output for voice communications and signal alarms.

With a 4-inch wide-range speaker, the 90298 is built to last. It features a powerful ferrite magnet, and a resilient aluminum voice coil tuned for endurance and performance. The speaker's textile cone is treated with acrylic to enhance its moisture resistance, while the pre-mounted aluminum grill protects it from the harshness of the elements.

Installation is a breeze with the included 5-inch lead set, making the 90298 the ultimate audio solution for any system requiring versatility and durability. Don't settle for less - choose the 90298 for all outdoor audio needs!

- Superior outdoor speaker with clear and expansive audio coverage
- Specially designed for outdoor transit systems
- Reliable audio quality for voice communications and signal alarms
- Features a powerful ferrite magnet and a resilient aluminum voice coil
- Tuned for endurance and performance
- Textile cone treated with acrylic for enhanced moisture resistance
- Pre-mounted aluminum grill protects against harsh elements
- Easy installation with included 5-inch lead set
- Versatile and durable audio solution

MISCO engineers use the world's most sophisticated loudspeaker measurement systems, including the Klippel Analyzer, to maximize and confirm the speaker's design and the Klippel QC module to ensure perfect unit-to-unit consistency and reliability.



### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	4" (100 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	8
<b>Sensitivity (dB SPL) <sup>1</sup></b>	94
<b>Frequency Range (Hz)</b>	300 - 5000
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	685

### More Specifications

<b>Application</b>	Outdoor , Transit, Voice Communications
<b>RoHS Compliant</b>	No
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	6.4
<b>Program Power (W)</b>	20

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	8
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	6.4
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	685
<b>Mechanical Q Factor (Qms)</b>	9.99
<b>Electrical Q Factor (Qes)</b>	5.96
<b>Total Q Factor (Qts)</b>	3.73

### Material Descriptions

<b>Basket Type</b>	Stamped steel
<b>Terminal Size (mm)</b>	4.8 x 0.5
<b>Voice Coil Diameter (mm)</b>	19
<b>Voice Coil Wire Material</b>	Copper clad aluminum
<b>Voice Coil Former Material</b>	Kapton
<b>Magnet Material</b>	Ferrite
<b>Cone Body Material</b>	Acrylic treated textile
<b>Cone Surround Material</b>	Acrylic treated textile
<b>Dust Cap Material</b>	Acrylic treated textile
<b>Net Weight (kg)</b>	0.53

