

MISCO's DC22WI Waterproof Voice Range Speaker is the ultimate solution for outdoor voice communication. This 2.5-inch square speaker ensures that your voice communication devices produce clear, audible output, regardless of the weather extremes.

With its universal design, the DC22WI perfectly fits small enclosures and challenging environments. Equipped with a high-energy magnet, this speaker provides impressive voice application output, and its acrylic-treated cloth ensures enduring durability.

- This speaker is waterproof and can withstand harsh weather conditions.
- The DC22WI is compact and versatile, ideal for small enclosures and challenging spaces.
- This speaker has a high-energy magnet for impressive voice output.
- The DC22WI features an acrylic-treated cloth for long-lasting durability in harsh environments.

Whether you're working in construction, emergency response, or any other industry that requires reliable outdoor voice communication, the DC22WI is the ideal 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>	2" (50 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	8
<b>Sensitivity (dB SPL) <sup>1</sup></b>	88
<b>Frequency Range (Hz)</b>	350 - 4, 500
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	459

### More Specifications

<b>Application</b>	Indoor, Outdoor , Transit, Voice Communications
<b>RoHS Compliant</b>	Yes
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	6.3
<b>Program Power (W)</b>	8

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	8
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	6.3
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	459
<b>Mechanical Q Factor (Qms)</b>	8.9
<b>Electrical Q Factor (Qes)</b>	3.9
<b>Total Q Factor (Qts)</b>	2.70

### Material Descriptions

<b>Basket Type</b>	Stamped steel with zinc plating
<b>Terminal Size (mm)</b>	2.74 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 (g)</b>	68
<b>Cone Body Material</b>	Acrylic treated cloth
<b>Cone Surround Material</b>	Acrylic treated cloth
<b>Spider Material</b>	Acrylic treated cloth
<b>Dust Cap Material</b>	Felt
<b>Net Weight (kg)</b>	0.21



