

Introducing the 66SA45M Waterproof Voice Speaker - your reliable companion that can withstand any weather condition and deliver quality sound. This versatile powerhouse is perfect for indoor and outdoor settings and is particularly useful in entry intercoms and compact environments.

The speaker is equipped with an Alnico V, HE+ magnet, producing superior voice clarity, ideal for delivering vital messages. Its mylar cone has been specially treated to repel moisture, making it indispensable in high-humidity environments.

With standard hole placement, this speaker can be easily used as a replacement for various devices, ensuring that your message is heard loud and clear. Its waterproof feature makes it perfect for any weather, giving you peace of mind that your communication is consistent and reliable.

- Superior voice clarity with Alnico V, HE+ magnet
- Specially treated mylar cone repels moisture in high-humidity environments
- Standard hole placement for easy replacement of various devices
- Waterproof design for use in any weather condition

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>	45
<b>Sensitivity (dB SPL) <sup>1</sup></b>	87
<b>Frequency Range (Hz)</b>	350 - 9, 000
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	350

### More Specifications

<b>Application</b>	Medical, Outdoor , Voice Communications
<b>RoHS Compliant</b>	Yes
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	43.1
<b>Program Power (W)</b>	1

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	45
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	43.1
<b>Voice Coil Inductance (Le) (mH)</b>	-
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	350
<b>Mechanical Q Factor (Qms)</b>	4.80
<b>Electrical Q Factor (Qes)</b>	11.76
<b>Total Q Factor (Qts)</b>	3.43

### Material Descriptions

<b>Basket Type</b>	Stamped steel with zinc plating
<b>Terminal Size (mm)</b>	2.8 x 0.5
<b>Voice Coil Diameter (mm)</b>	15.2
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Paper
<b>Magnet Material</b>	Alnico
<b>Magnet Weight (g)</b>	10
<b>Cone Body Material</b>	Mylar
<b>Cone Surround Material</b>	Mylar
<b>Spider Material</b>	Cloth
<b>Dust Cap Material</b>	Mylar
<b>Net Weight (kg)</b>	0.05



