2.5 INCH (66 MM) WATERPROOF VOICE SPEAKER, 45 OHM

PART #: 66SA45M

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

Size, Nominal (inch & mm)	2" (50 mm)
Rated Impedance (Ω)	45
Sensitivity (dB SPL) [1]	87
Frequency Range (Hz)	350 - 9, 000
Resonant Frequency (Fs) (Hz) +/- 15%	350

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More Specifications

Application	Medical, Outdoor , Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	43.1
Program Power (W)	1

Small Signal Parameters

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

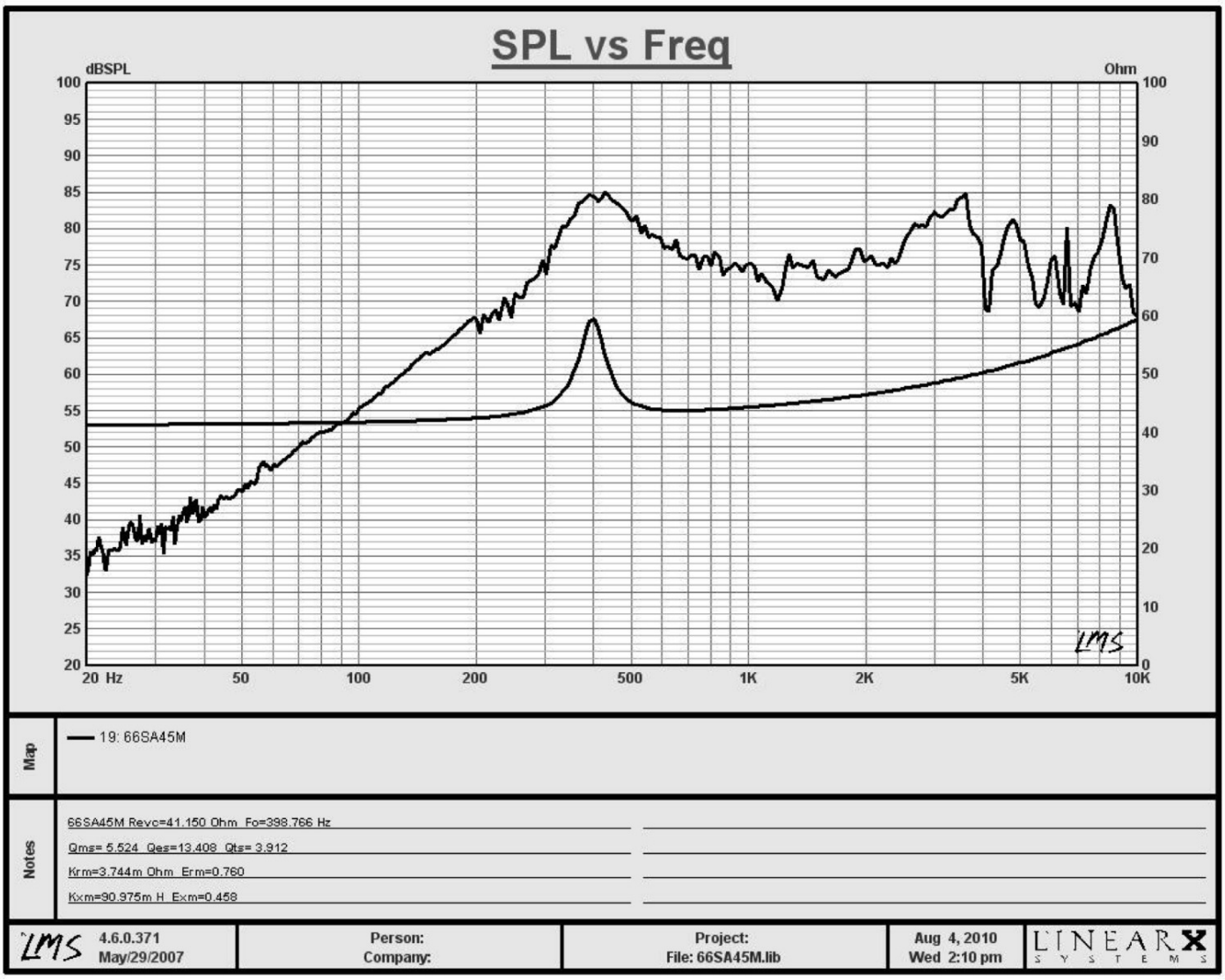
Material Descriptions

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

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