3 INCH (77 MM) WATERPROOF INTERCOM SPEAKER, 45 OHM

PART #: 77SA45M-1

Experience uninterrupted communication with the 77SA45M-1 Waterproof Intercom Speaker, designed to excel in any weather. This 3-inch speaker features a 45-ohm impedance, perfect for entry intercoms and tight spaces. With a neodymium magnet and mylar cone that resists moisture absorption, this speaker delivers clear and crisp sound quality when needed. It's also made with high tensile strength and an enduring PET cone, ensuring durability and longevity, even in the most demanding indoor and outdoor environments.

- Neodymium magnet for superior sound quality
- Mylar cone resists moisture absorption
- High tensile strength and enduring PET cone for durability
- Perfect for entry intercoms and small spaces
- Ideal replacement for radios, TVs, and alarm systems.

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)	3" (77 mm)
Rated Impedance (Ω)	45
Sensitivity (dB SPL) [1]	86
Frequency Range (Hz)	250 - 12, 000
Resonant Frequency (Fs) (Hz) +/- 15%	300

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More Specifications

Application	Indoor, Medical, Outdoor , Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	42.0
Program Power (W)	2

Small Signal Parameters

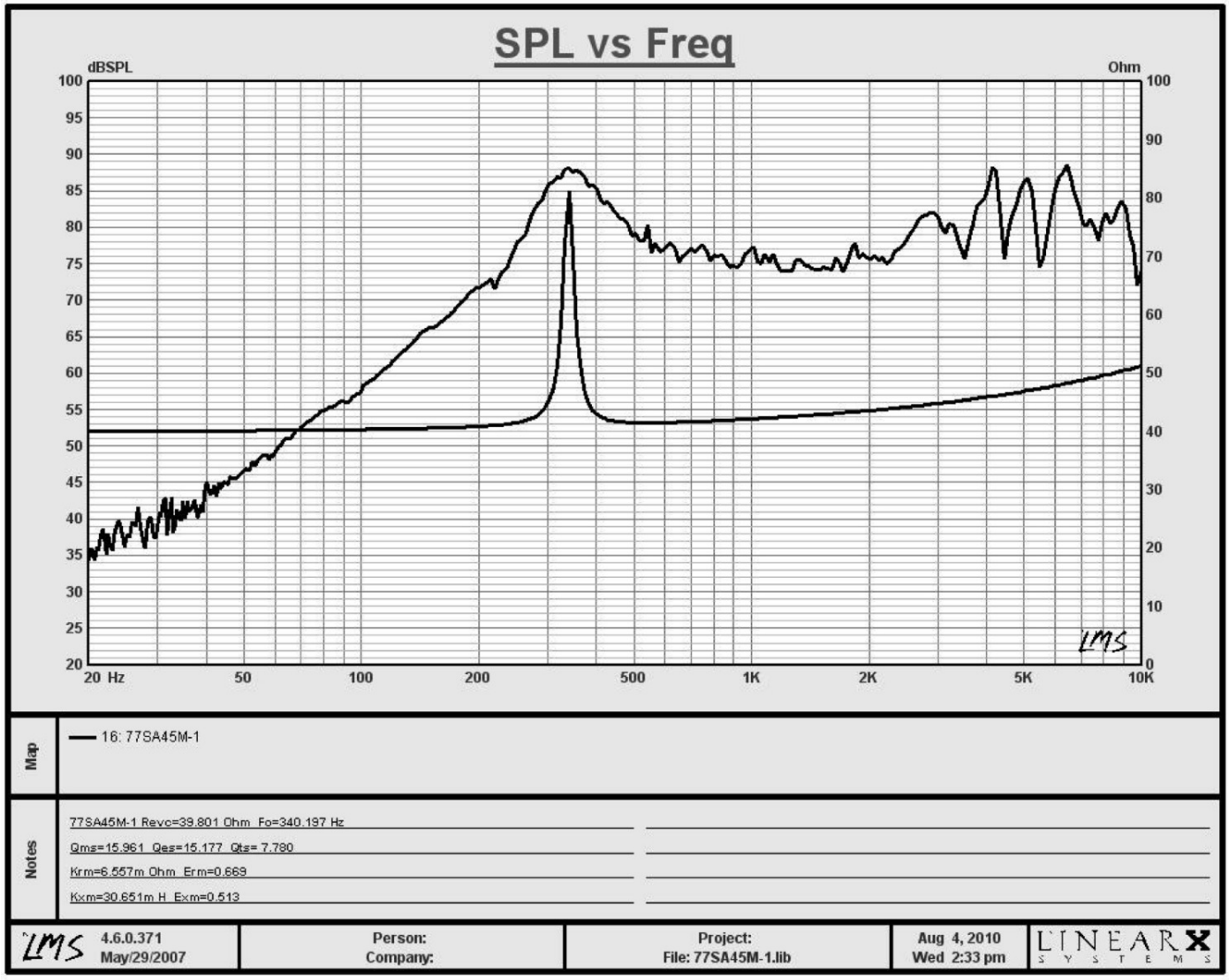
Nominal Impedance (Z) (Ω)	45
DC Resistance (Re) (Ω)	42.0
Voice Coil Inductance (Le) (mH)	0
Resonant Frequency (Fs) (Hz) +/- 15%	300
Mechanical Q Factor (Qms)	14.1
Electrical Q Factor (Qes)	13.4
Total Q Factor (Qts)	6.86

Material Descriptions

Basket Type	Zinc Plated Stamped Steel
Terminal Size (mm)	5.2 x 0.5 (0.205" x 0.02")
Voice Coil Diameter (mm)	15.2 (0.6")
Voice Coil Wire Material	Copper
Voice Coil Former Material	Engineered paper
Magnet Material	Neodymium
Magnet Weight (g)	10 (0.40 ounces)
Cone Body Material	Polyester (PET)
Cone Surround Material	Polyester (PET)
Spider Material	Cloth
Dust Cap Material	Polyester (PET)
Net Weight (kg)	0.050

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