2.5 INCH (66 MM) SQUARE, WATERPROOF VOICE RANGE SPEAKER

PART #: DC22WI

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

Size, Nominal (inch & mm)	2" (50 mm)
Rated Impedance (Ω)	8
Sensitivity (dB SPL) [1]	88
Frequency Range (Hz)	350 - 4, 500
Resonant Frequency (Fs) (Hz) +/- 15%	459

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More Specifications

Application	Indoor, Outdoor , Transit, Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	6.3
Program Power (W)	8

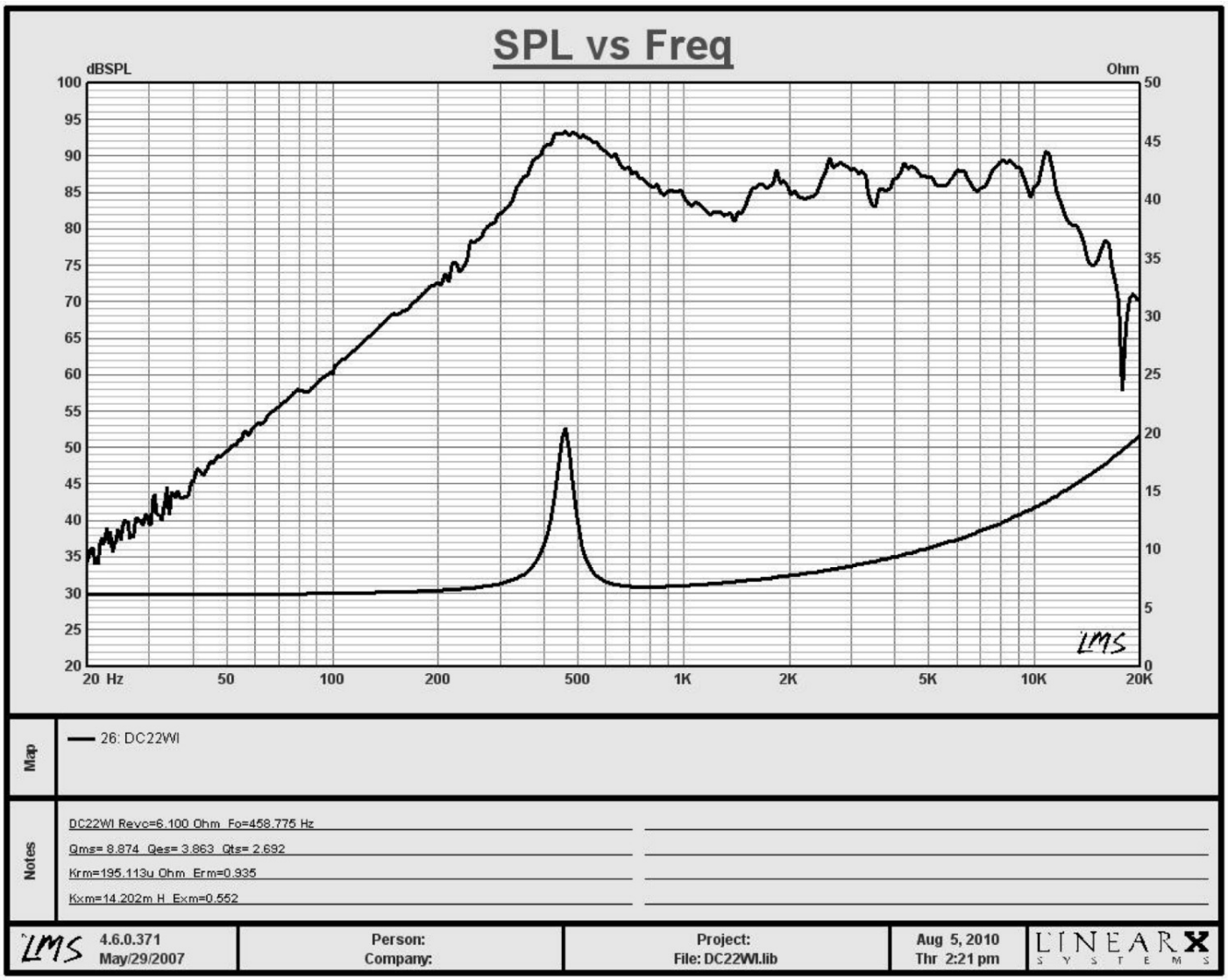
Small Signal Parameters

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

Material Descriptions

Basket Type	Stamped steel with zinc plating
Terminal Size (mm)	2.74 x 0.5
Voice Coil Diameter (mm)	17.8
Voice Coil Wire Material	Copper
Voice Coil Former Material	Aluminum
Magnet Material	Ferrite
Magnet Weight (g)	68
Cone Body Material	Acrylic treated cloth
Cone Surround Material	Acrylic treated cloth
Spider Material	Acrylic treated cloth
Dust Cap Material	Felt
Net Weight (kg)	0.21

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