3.5 INCH (89 MM) SQUARE, 8 OHM, 6 WATT, WATERPROOF SPEAKER

PART #: FC32WP-D

The FC32WP-D is a 3.5-inch square waterproof speaker built to withstand harsh conditions. Its robust design makes it ideal for outdoor use and demanding environments such as transit, intercoms, kiosks, and military operations. The speaker is specially treated to ensure it is protected from the elements and can deliver your message with clarity and force.

- The FC32WP-D is waterproof for outdoor use in any weather.
- The speaker has a durable construction that can withstand harsh conditions.
- The FC32WP-D is versatile and useful for alarm systems, voice range applications, transit, intercoms, kiosks, and military operations.
- The FC32WP-D boasts a strong ferrite magnet that produces a clear and forceful sound.
- The speaker is treated with acrylic for durability and reliable performance in various weather conditions.

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)	8
Sensitivity (dB SPL) [1]	90
Frequency Range (Hz)	300 - 4, 500
Resonant Frequency (Fs) (Hz) +/- 15%	436

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More Specifications

Application	Military, Outdoor , Transit, Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	6.0
Program Power (W)	12

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	6.0
Voice Coil Inductance (Le) (mH)	0
Resonant Frequency (Fs) (Hz) +/- 15%	436
Mechanical Q Factor (Qms)	7.8
Electrical Q Factor (Qes)	3.29
Total Q Factor (Qts)	2.31

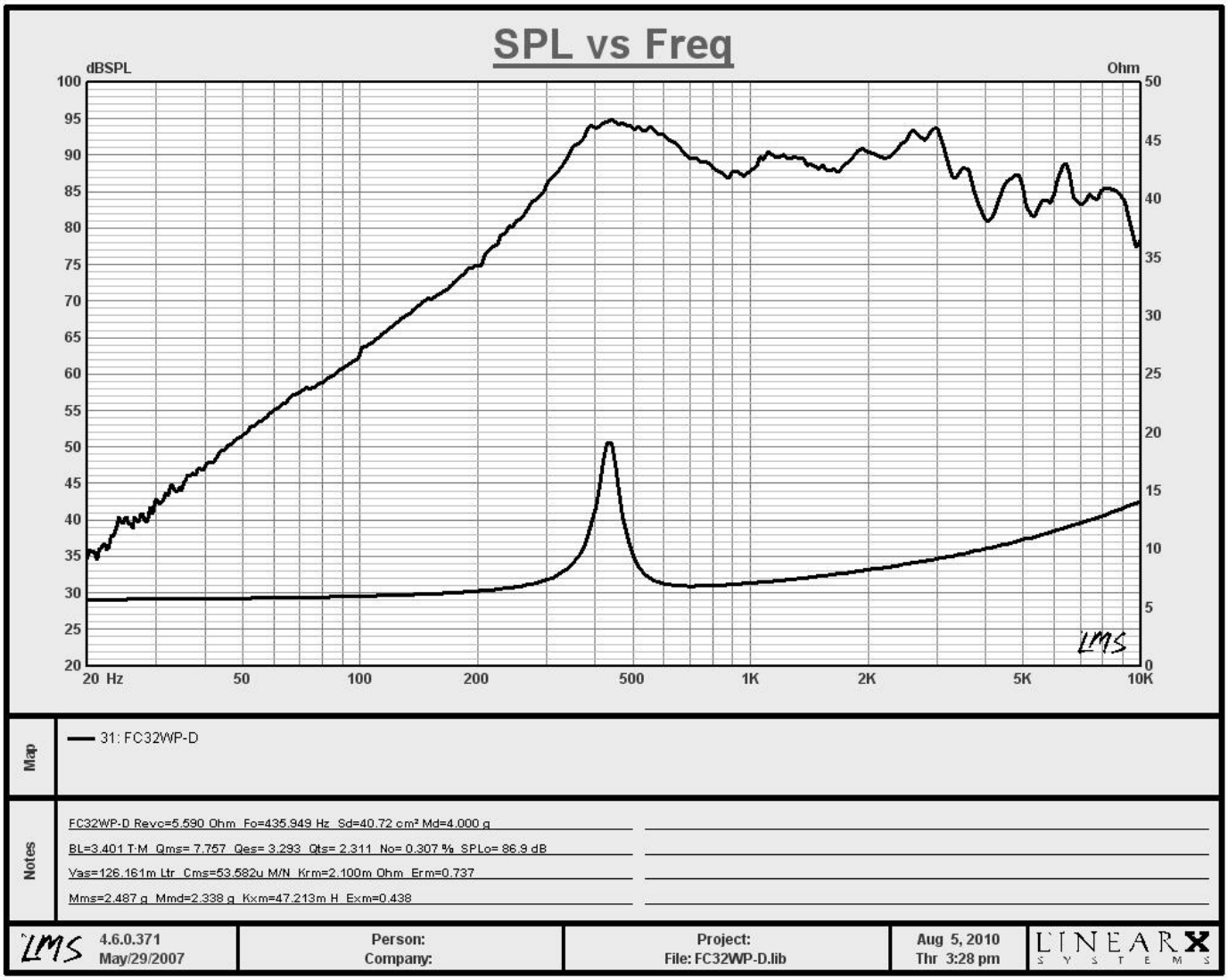
Material Descriptions

Basket Type	Zinc Plated, Stamped Steel
Terminal Size (mm)	5.2 mm x 0.5 mm
Voice Coil Diameter (mm)	20.3
Voice Coil Wire Material	Copper
Voice Coil Former Material	Aluminum
Magnet Material	Ferrite
Magnet Weight (g)	136 (4.8 oz)
Cone Body Material	Acrylic Treated Cloth
Cone Surround Material	Acrylic Treated Cloth
Spider Material	Cotton
Dust Cap Material	Acrylic Treated Cloth
Net Weight (kg)	0.43

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