2.25 INCH (57 MM) WATERPROOF PEAKED RESPONSE ALARM SPEAKER

PART #: 57RFT-8A

Introducing the MISCO 50RN16M-2LS speaker - your ultimate all-weather, high-sensitivity audio solution. With its robust design, this speaker is engineered to withstand even the most extreme weather conditions. Whether you're navigating through a rainstorm or a snowstorm, you can trust the 50RN16M-2LS to deliver crystal-clear audio that you can depend on.

This high-performance speaker is perfect for use in vehicle backup and industrial alarms, meeting SAE standards with its high-output resonance. Its phenolic-impregnated cone effectively wards off moisture, making it ideal for use in humid environments, ensuring uninterrupted performance where it matters most.

- This speaker can withstand harsh weather conditions.
- Powerful, clear sound for noisy environments.
- The phenolic-impregnated cone is moisture-resistant and great for humid environments.
- SAE-compliant and perfect for vehicle backup and industrial alarms.

Upgrade your audio experience with the MISCO 50RN16M-2LS speaker - your ultimate all-weather, high-sensitivity audio 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]	106
Frequency Range (Hz)	1250 - 13, 000
Resonant Frequency (Fs) (Hz) +/- 15%	1300

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More Specifications

Application	Medical, Military, Signal / Alarm Systems
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	6.8
Program Power (W)	8

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	6.8
Voice Coil Inductance (Le) (mH)	0
Resonant Frequency (Fs) (Hz) +/- 15%	1300
Mechanical Q Factor (Qms)	23.2
Electrical Q Factor (Qes)	16.3
Total Q Factor (Qts)	9.58

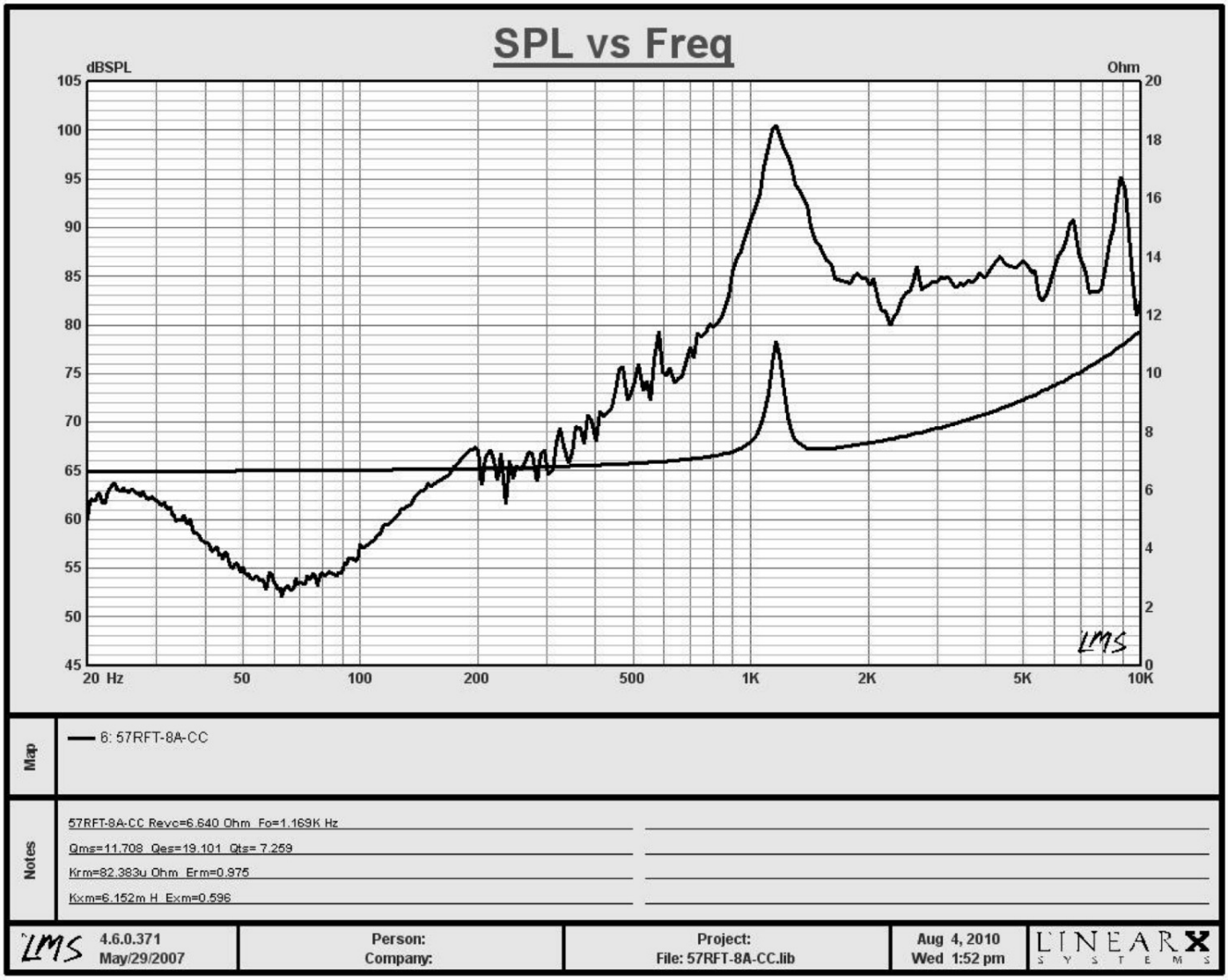
Material Descriptions

Basket Type	Stamped steel with zinc plating
Terminal Size (mm)	2.79 x 0.5
Voice Coil Diameter (mm)	15.23
Voice Coil Wire Material	Copper
Voice Coil Former Material	Kapton
Magnet Material	Ferrite
Magnet Weight (g)	20
Cone Body Material	Black phenolic treated cloth
Cone Surround Material	Black phenolic treated cloth
Spider Material	Conex
Dust Cap Material	Mylar
Net Weight (kg)	0.08



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