2 INCH X 3.5 INCH (50 MM X 90 MM) TREATED, WIDE RANGE SPEAKER

PART #: 90OF08-SH

Designed for voice or midrange, this is a universal-fit 2.0 x 3.5" (50x90mm) shielded speaker ideal for small enclosures and tight spaces. The shielded magnet structure elements stops magnetic interference with sensitive electronic components or relays. The treated cone surround is designed to provide optimized compliance and stability for the cone. It features a four-hole mount design for ease of front or rear flush mounting.

- Wide range speaker
- 2 x 3.5" (50 x 90 mm) basket diameter
- 5 watts, 8 ohms, 84 dB SPL
- 0.6" copper voice coil, paper former
- Ferrite magnet, stamped steel basket
- Paper cone & surround



Primary Specifications

Size, Nominal (inch & mm)	2" Oval (50 mm)
Rated Impedance (Ω)	8
Sensitivity (dB SPL) [1]	84
Frequency Range (Hz)	170 - 20, 000
Resonant Frequency (Fs) (Hz) +/- 15%	170

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More Specifications

Application	Casino Gaming
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	7.5
Program Power (W)	10

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	7.5
Voice Coil Inductance (Le) (mH)	0
Resonant Frequency (Fs) (Hz) +/- 15%	170
Mechanical Q Factor (Qms)	3.0
Electrical Q Factor (Qes)	1.73
Total Q Factor (Qts)	1.10

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	Ferrite
Magnet Weight (g)	33
Cone Body Material	Engineered paper
Cone Surround Material	Engineered paper
Spider Material	Cotton
Dust Cap Material	Engineered paper
Net Weight (kg)	0.2



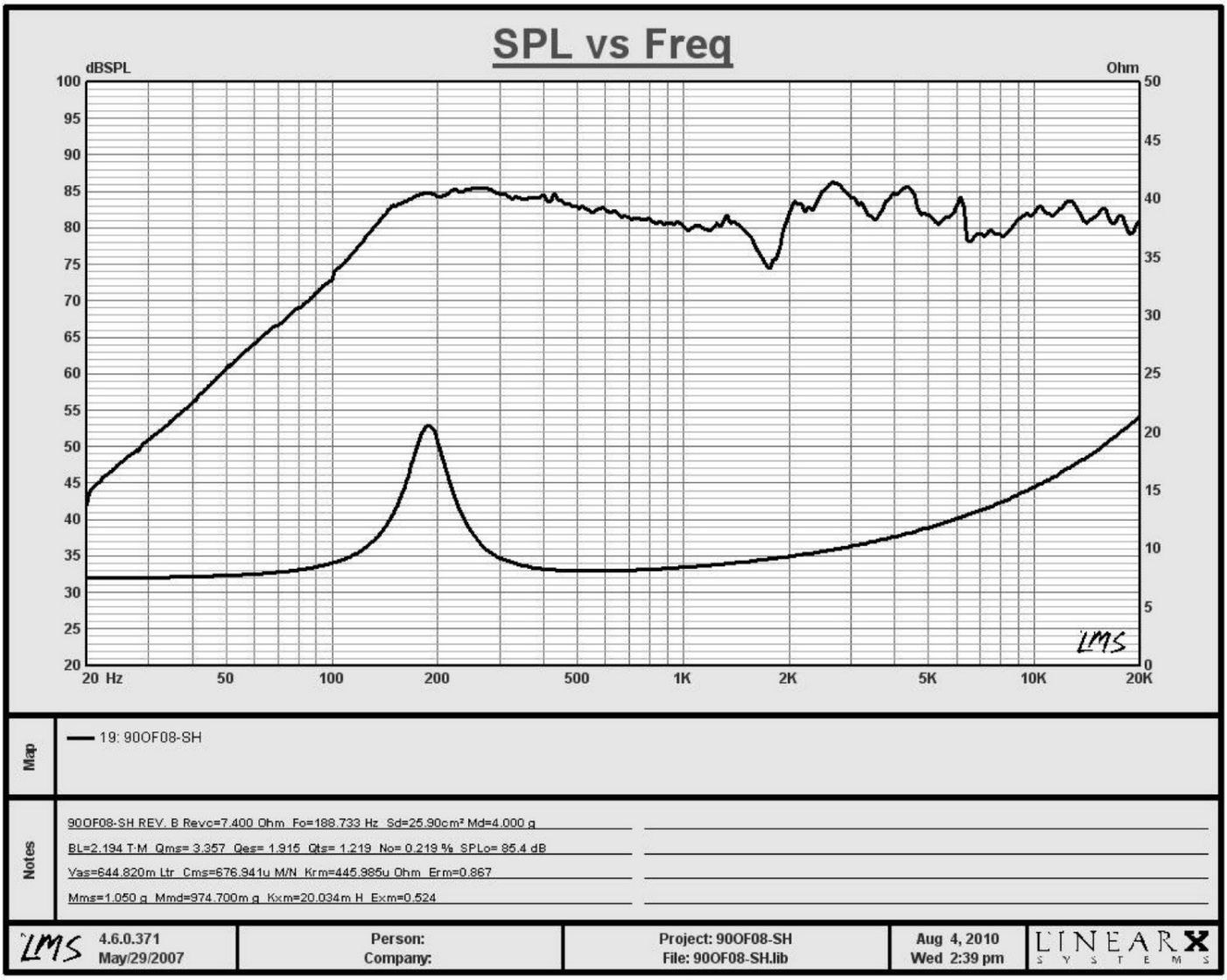




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