2.25 INCH (57 MM) SQUARE, WIDE RANGE SPEAKER

PART #: 57SN08-2

This wide-range speaker provides high output and sensitivity from a small footprint. A woven kevlar cone with treated half-roll cloth edge provides extended frequency response and durability in a wide variety of applications. It is also an excellent choice for applications requiring extended frequency range such as gaming audio, Ultra-Sound audio, and broad range music or voice. This front or rear mountable wide range speaker is a great choice to pair with a sub-woofer and cross-over at 200 Hz. It also a great replacement or upgrade driver.

- Wide Range Speaker
- 2.25" (57 mm) basket diameter
- 10 watts, 8 ohms, 80 dB SPL
- 0.8" aluminum voice coil, Kapton former
- Dual neodymium magnet, stamped steel basket
- Kevlar fiber cone, cloth surround



Primary Specifications

Size, Nominal (inch & mm)	2" (50 mm)
Rated Impedance (Ω)	8
Sensitivity (dB SPL) [1]	80
Frequency Range (Hz)	140 - 18, 000
Resonant Frequency (Fs) (Hz) +/- 15%	154

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More Specifications

Application	Arcade Gaming, Casino Gaming, Home Audio, Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	7.2
Program Power (W)	20

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	7.2
Voice Coil Inductance (Le) (mH)	0.16
Resonant Frequency (Fs) (Hz) +/- 15%	154
Mechanical Q Factor (Qms)	2.35
Electrical Q Factor (Qes)	0.77
Total Q Factor (Qts)	0.57

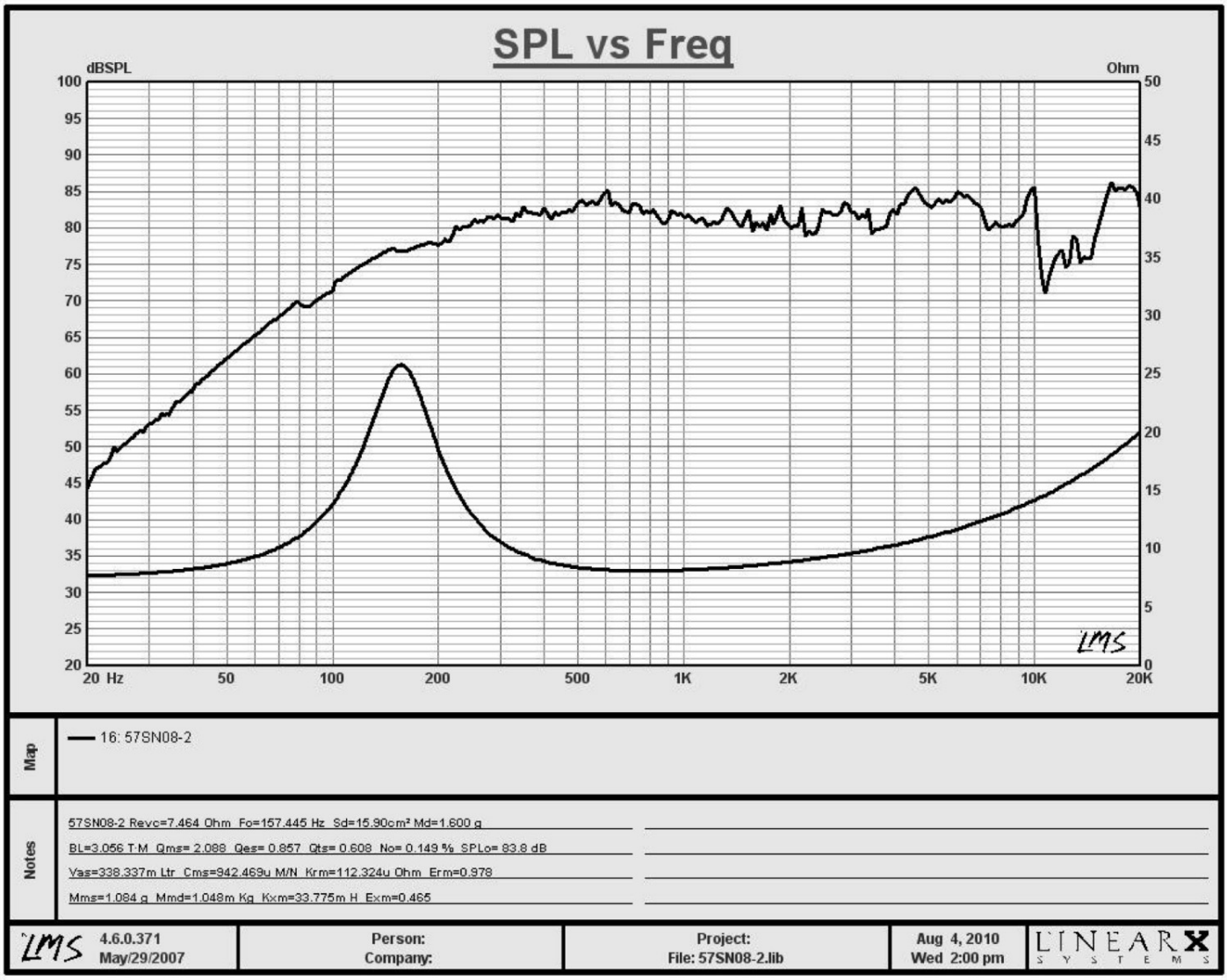
Material Descriptions

Basket Type	Stamped Steel with black powder coat painting.
Terminal Size (mm)	5.2 x 0.5 / 2.8 x 0.5
Voice Coil Diameter (mm)	20.3
Voice Coil Wire Material	Aluminum
Voice Coil Former Material	Kapton
Magnet Material	Dual neodymium magnet
Magnet Weight (g)	2 x 17
Cone Body Material	Woven kevlar fiber
Cone Surround Material	Treated cloth surround
Spider Material	Cotton
Dust Cap Material	Engineered paper
Net Weight (kg)	0.13 kg

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