3 INCH (77 MM) 4 OHM, 15 WATT, WIDE RANGE SPEAKER

PART #: EEN3W-4A

This very compact, wide-range speaker is well-suited for both voice and music. With an acoustically dampened treatment on the engineered paper cone, it is a broad, flat frequency response. Its motor is made of a unique dual neodymium magnet design, which "turbo-charges" the speaker to provide high sensitivity and high power handling.

- 30 Watts of program power handling
- High output sensitivity for increased per-watt output
- High-compliant, natural rubber surround
- Black powder-coated steel basket
- Maximum Energy (ME) dual neodymium magnet

Note: This speaker has a tall surround for high excursions; therefore, grille placement cannot be flushed to the front of the cone.



Primary Specifications

Size, Nominal (inch & mm)	3" (77 mm)
Rated Impedance (Ω)	4
Sensitivity (dB SPL) [1]	87
Frequency Range (Hz)	110 - 14, 000
Resonant Frequency (Fs) (Hz) +/- 15%	111

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More Specifications

Application	Arcade Gaming, Casino Gaming, Drive-Thru / Kiosk, Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	3.1
Program Power (W)	30

Small Signal Parameters

Nominal Impedance (Z) (Ω)	4
DC Resistance (Re) (Ω)	3.1
Voice Coil Inductance (Le) (mH)	0
Resonant Frequency (Fs) (Hz) +/- 15%	111
Mechanical Q Factor (Qms)	1.3
Electrical Q Factor (Qes)	0.5
Total Q Factor (Qts)	0.36

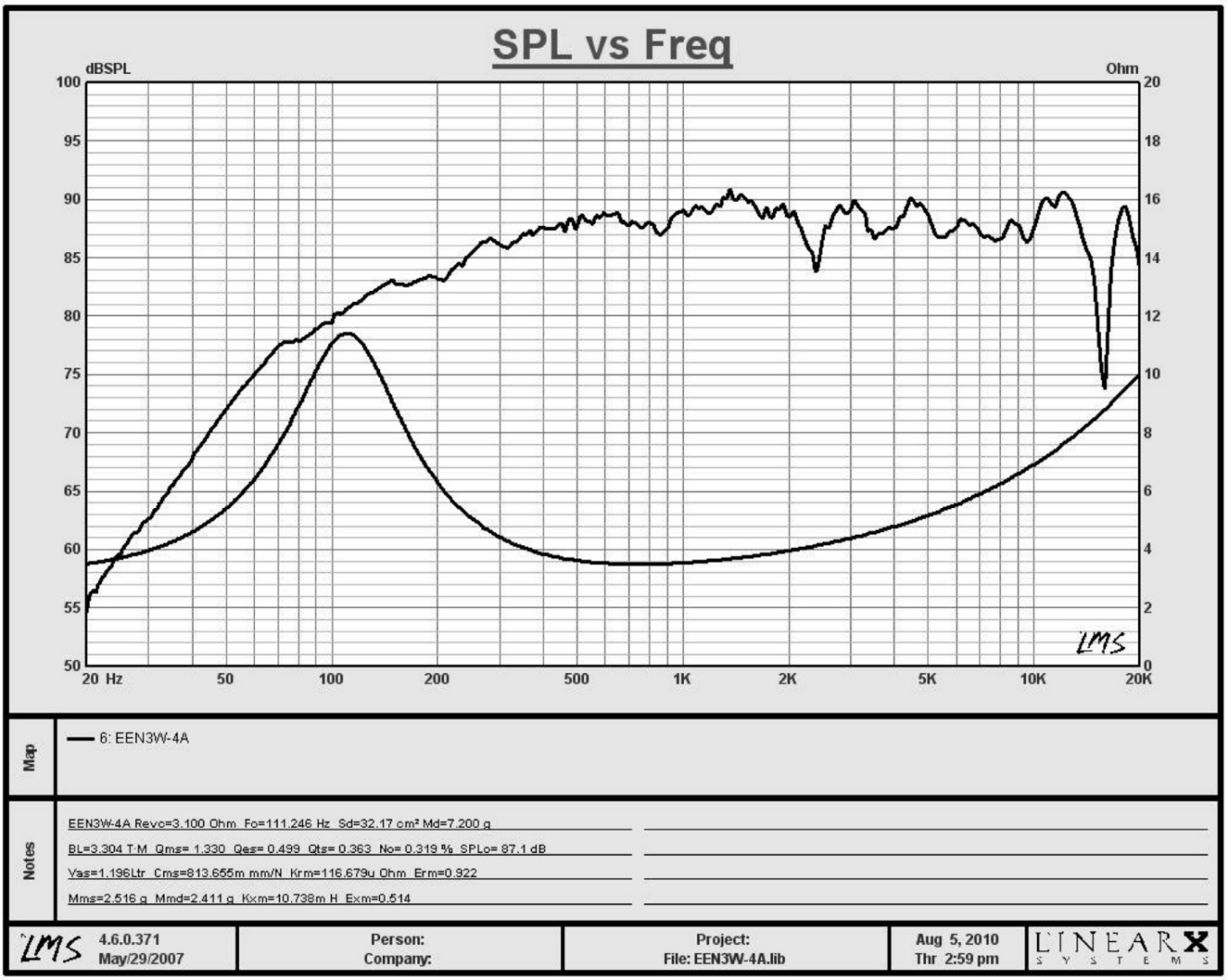
Material Descriptions

Basket Type	Stamped steel powder coated
Terminal Size (mm)	2.8 x 0.5
Voice Coil Diameter (mm)	20.3
Voice Coil Wire Material	Copper
Voice Coil Former Material	Aluminum
Magnet Material	Dual neodymium
Magnet Weight (g)	23
Cone Body Material	Treated paper
Cone Surround Material	Natural rubber
Spider Material	Cotton
Dust Cap Material	Treated paper
Net Weight (kg)	0.11

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