4 INCH (100 MM) TITANIUM PLATED, WIDE RANGE, MUSIC SPEAKER

PART #: JC40W-4A

This wide-range coaxial four-inch speaker is ideal for a wide range of applications from car audio, gaming, or mass transit. The titanium-electroplated polypropylene cone provides additional years of extended life. The tweeter output is boosted to provide excellent off-axis frequency and power response. The high-compliance rubber surround enables low-frequency extension, providing great full-range audio from a single speaker!

- Titanium-electroplated polypropylene Cone
- Black powder coated, steel basket construction
- 30 watts program power
- Coaxial design with separate tweeter
- High Energy (HE) ferrite magnet
- Natural Rubber Surround

It features a four-hole mount design for ease of front or rear flush mounting. This speaker is not only ideal for voice communications, but because of its wide-range it would make it an excellent choice for numerous music applications.

**This speaker is a front or rear panel mountable, but the Tweeter protrudes beyond the front gasket and therefore grille placement cannot be flush to the gasket.*



Primary Specifications

Size, Nominal (inch & mm)	4" (100 mm)
Rated Impedance (Ω)	4
Sensitivity (dB SPL) [1]	87
Frequency Range (Hz)	60 - 20, 000
Resonant Frequency (Fs) (Hz) +/- 15%	68

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More Specifications

Application	Arcade Gaming, Auto / Motorcycle, Casino Gaming, Indoor, Transit
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	3.5
Program Power (W)	30

Small Signal Parameters

Nominal Impedance (Z) (Ω)	4
DC Resistance (Re) (Ω)	3.5
Voice Coil Inductance (Le) (mH)	0
Resonant Frequency (Fs) (Hz) +/- 15%	68
Mechanical Q Factor (Qms)	5.6
Electrical Q Factor (Qes)	0.38
Total Q Factor (Qts)	0.35

Material Descriptions

Basket Type	Stamped steel with black powder coat finish
Terminal Size (mm)	2.8 x 0.5mm (0.110" x 0.020")
Voice Coil Diameter (mm)	25.8 (1.02')
Voice Coil Wire Material	Copper
Voice Coil Former Material	Kapton
Magnet Material	Ferrite
Magnet Weight (g)	294 (10 ounces)
Cone Body Material	Titanium Electroplated Polypropylene
Cone Surround Material	Natural Rubber
Spider Material	Conex
Dust Cap Material	Felt



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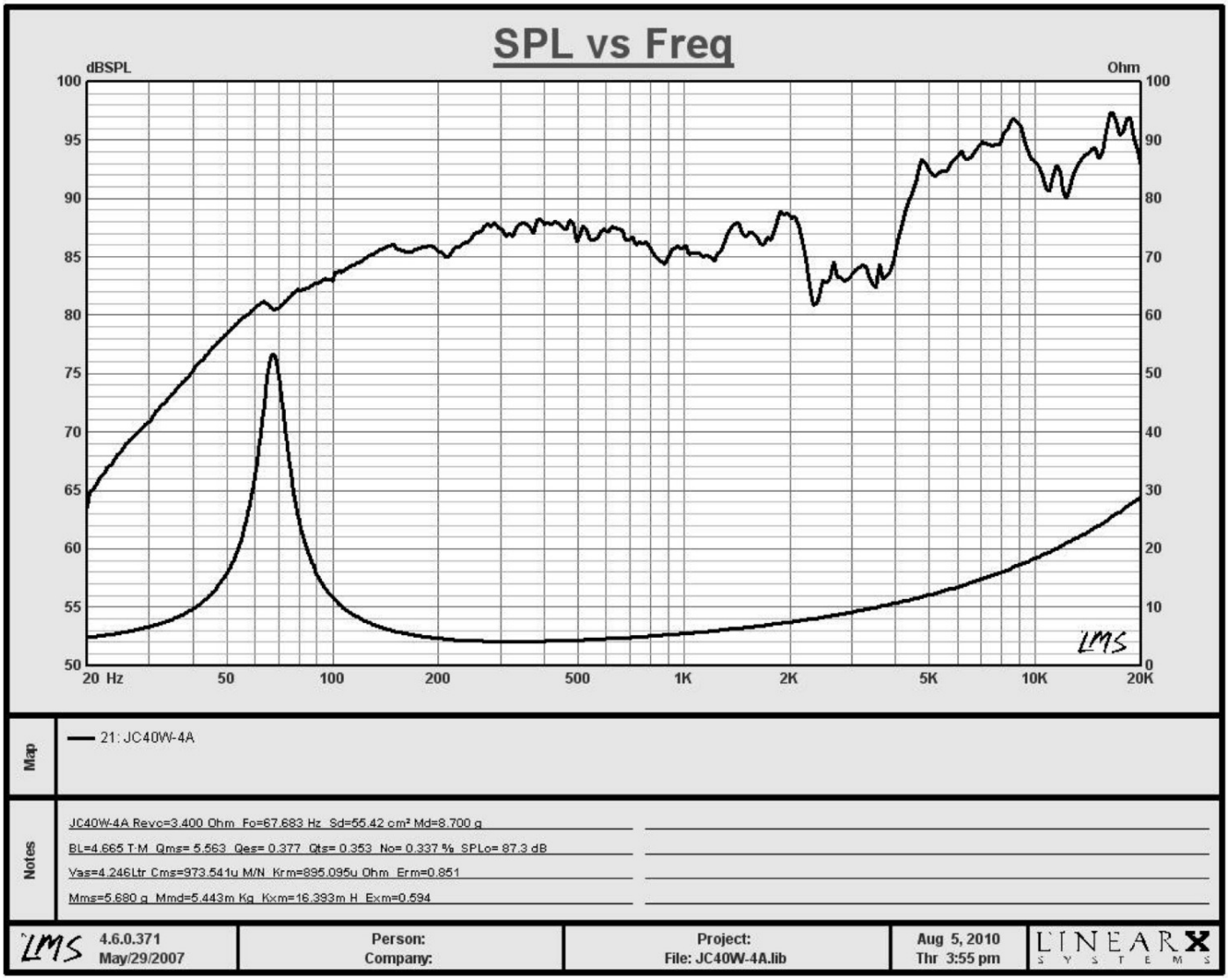
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