

Specification Sheet

Model # J8PA-4B



MISCO®

Key Features:

- 8" (205mm), 4 ohm
- Guitar speaker 12 watts
- Alnico magnet, Paper cone and paper surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	8.0	inch
	205.0	mm
Rated Impedance	4	ohms
Rated Power	12.0	Watts
Program Power	24	Watts
Frequency Range	80 - 8,000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	98	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	6.8 / 193	oz / gr
Transformer		

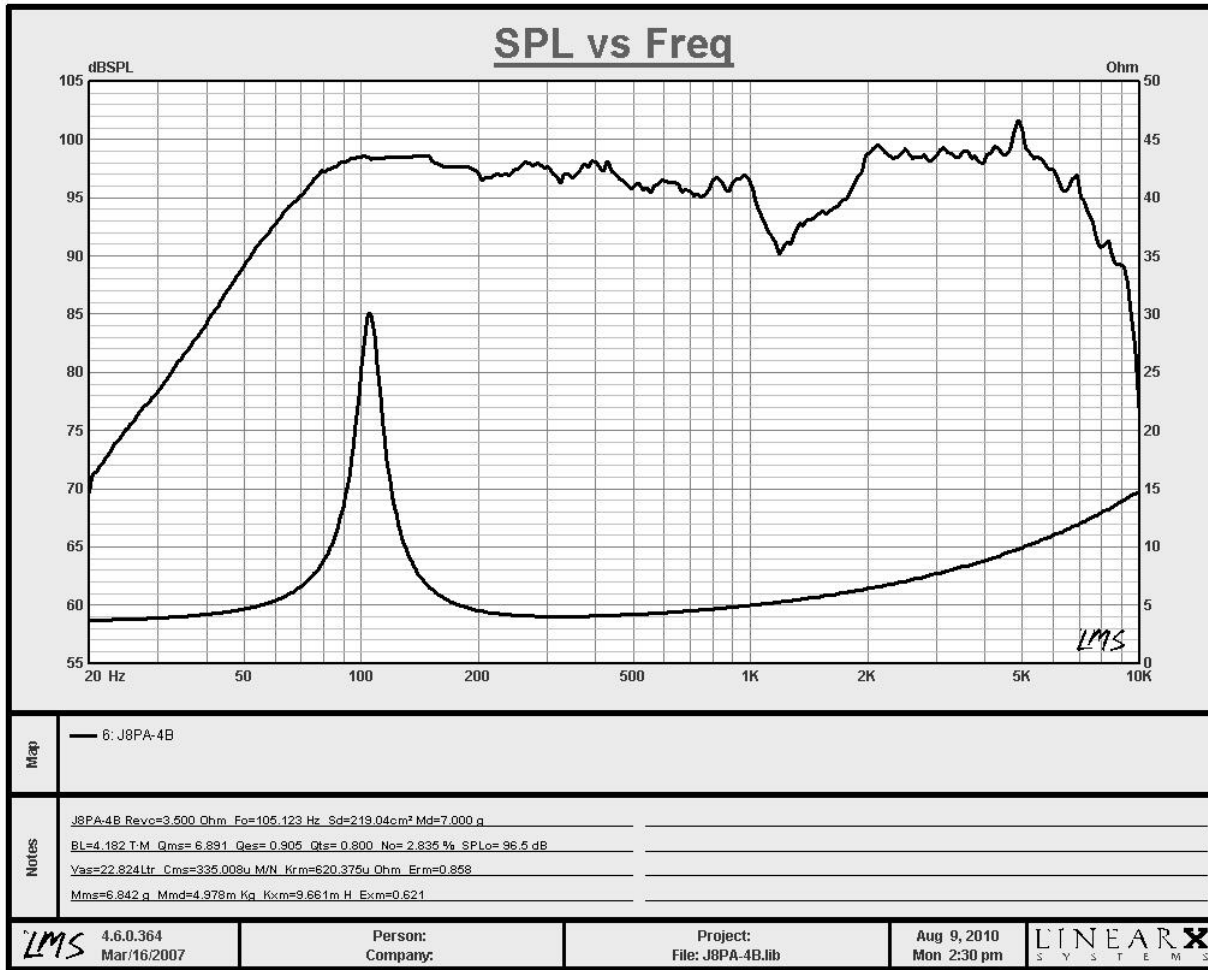
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	105	Hz
D.C. Resistance (Re)	3.5	ohms
Mechanical Q (Qms)	6.9	
Electrical Q (Qes)	0.91	
Total Q (Qts)	0.8	
Compliance Equivalent Volume (Vas)	22.8	ltr
BL Product (BL)	4.2	T-M
Maximum Linear Excursion (Xmax)	2.2	mm
Surface Area of Cone (Sd)	219.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 x 0.02
Magnet	Alnico
Voice Coil Wire	Copper
Voice Coil Form	Nomex
Cone	Paper
Cone Edge	Paper
Dust Cap	Felt

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	8.1 in.	+/- 0.020"
CD	Cutout Diameter	7.0 in.	+/- 0.020"
MG	Magnet Diameter	1.4 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	7.7 in.	+/- 0.010"
ID	Internal Depth	3.8 in.	+/- 0.025"
FT	Flange Thickness	0.2 in.	+/- 0.050"
NW	Net Weight	1136.0 g	

