

Specification Sheet

Model # J12PA-8C



MISCO®

Key Features:

- 12" (304mm), 8 ohm
- Guitar speaker, 25 watts
- Alnico magnet, Paper cone with paper surround
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Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	12.0	inch
	304.0	mm
Rated Impedance	8	ohms
Rated Power	25.0	Watts
Program Power	50	Watts
Frequency Range	60 - 6,000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	93	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	6.8 / 193	oz / gr
Transformer		

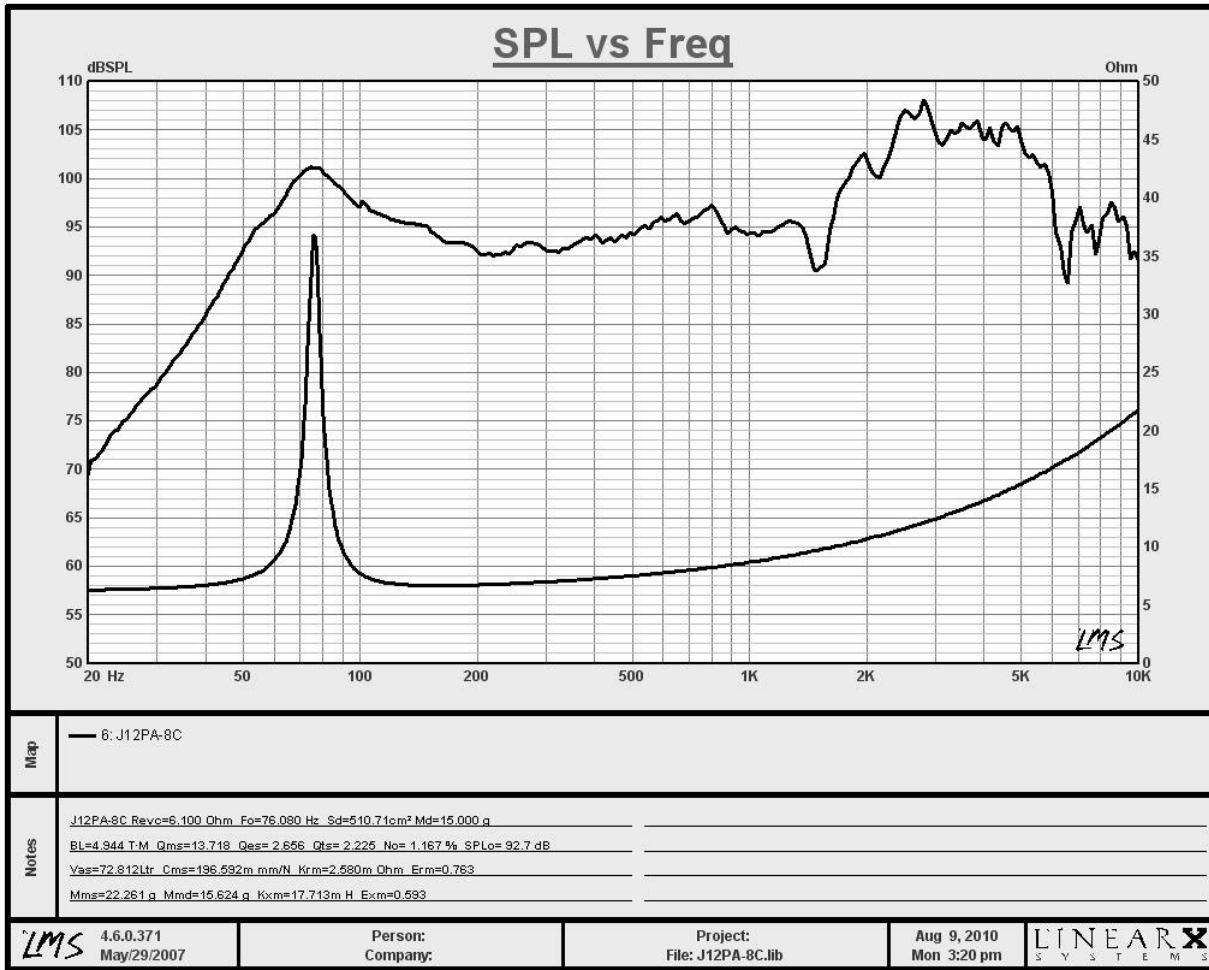
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	76	Hz
D.C. Resistance (Re)	6.1	ohms
Mechanical Q (Qms)	13.7	
Electrical Q (Qes)	2.66	
Total Q (Qts)	2.23	
Compliance Equivalent Volume (Vas)	72.8	ltr
BL Product (BL)	4.9	T-M
Maximum Linear Excursion (Xmax)	2.2	mm
Surface Area of Cone (Sd)	511.0	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	12.0 in.	+/- 0.020"
CD	Cutout Diameter	11.0 in.	+/- 0.020"
MG	Magnet Diameter	1.4 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	11.7 in.	+/- 0.010"
ID	Internal Depth	5.3 in.	+/- 0.025"
FT	Flange Thickness	0.16 in.	+/- 0.050"
NW	Net Weight	1503.0 g	

