

Specification Sheet

Model # NC12PA-8A



MISCO®

Key Features:

- 12" (304 mm), 8 ohm
- Guitar speaker with Ferrite magnet, Paper cone and dust cap
- Heavy guage stamped steel basket
- RoHS compliant;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	12.0	inch
	304.0	mm
Rated Impedance	8	ohms
Rated Power	30.0	Watts
Program Power	30	Watts
Frequency Range	100- 5000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	103	dB SPL
Voice Coil Diameter	1.75 / 44.7	inch / mm
Magnet Weight	50.0 / 1420	oz / gr
Transformer		

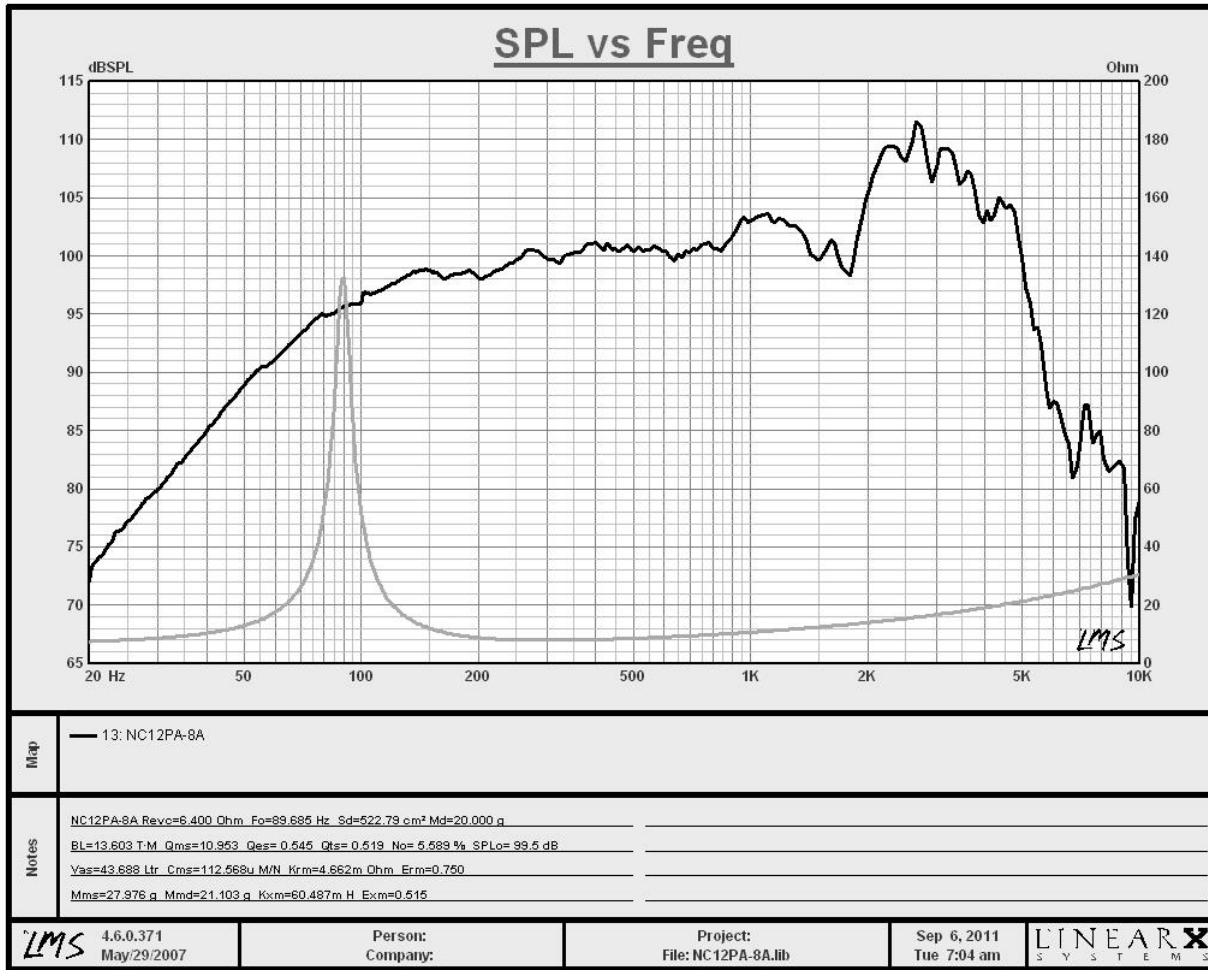
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	90	Hz
D.C. Resistance (Re)	6.4	ohms
Mechanical Q (Qms)	11.0	
Electrical Q (Qes)	0.55	
Total Q (Qts)	0.52	
Compliance Equivalent Volume (Vas)	43.7	ltr
BL Product (BL)	13.6	T-M
Maximum Linear Excursion (Xmax)	1070.0	mm
Surface Area of Cone (Sd)	523.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	.2 X 0.03
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Kraft
Cone	Felted Paper
Cone Edge	Paper
Dust Cap	Foam

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	12.4 in.	+/- 0.020"
CD	Cutout Diameter	10.9 in.	+/- 0.020"
MG	Magnet Diameter	6.3 in.	+/- 0.050"
HD	Hole Diameter	0.35 in.	+/- 0.010"
MD	Mounting Diameter	11.5 in.	+/- 0.010"
ID	Internal Depth	5.0 in.	+/- 0.025"
FT	Flange Thickness	0.3 in.	+/- 0.050"
NW	Net Weight	4858.0 g	

