

Specification Sheet

Model # KC12PA-8B



MISCO®

Key Features:

- 12" (304 mm), 8 ohm Guitar Speaker
- 1" voice coil on Nomex form, 40 watts
- 12 oz Ferrite magnet, paper cone
- 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	40.0	Watts
Program Power	80	Watts
Frequency Range	50- 8000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	95	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	12.0 / 341	oz / gr
Transformer		

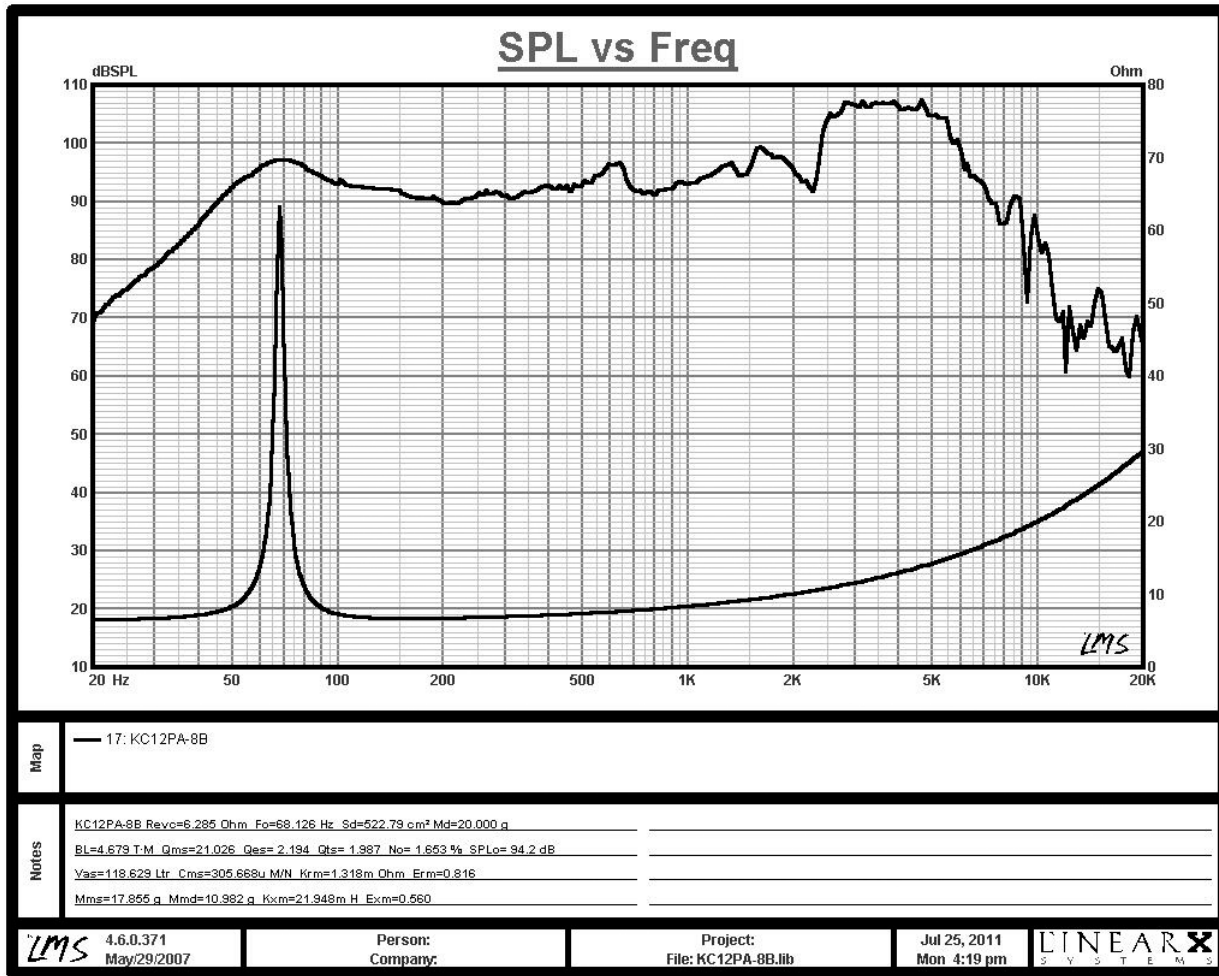
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	68	Hz
D.C. Resistance (Re)	6.5	ohms
Mechanical Q (Qms)	21.0	
Electrical Q (Qes)	2.19	
Total Q (Qts)	1.99	
Compliance Equivalent Volume (Vas)	118.6	ltr
BL Product (BL)	4.7	T-M
Maximum Linear Excursion (Xmax)	0.2	mm
Surface Area of Cone (Sd)	523.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Nomex
Cone	Paper
Cone Edge	Paper
Dust Cap	Foam

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	12.0 in.	+/- 0.020"
CD	Cutout Diameter	11.1 in.	+/- 0.020"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	11.6 in.	+/- 0.010"
ID	Internal Depth	4.5 in.	+/- 0.025"
FT	Flange Thickness	0.4 in.	+/- 0.050"
NW	Net Weight	1518.0 g	

