

Specification Sheet

Model # KC4MB-8B



MISCO®

Key Features:

- 4" (100 mm), 8 ohm
- Mid Bass Range 50 watts
- Ferrite magnet grey carbon cone with natural rubber surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.0	inch
	205.0	mm
Rated Impedance	8	ohms
Rated Power	50.0	Watts
Program Power	100	Watts
Frequency Range	60 -10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	89	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	12.0 / 341	oz / gr
Transformer		

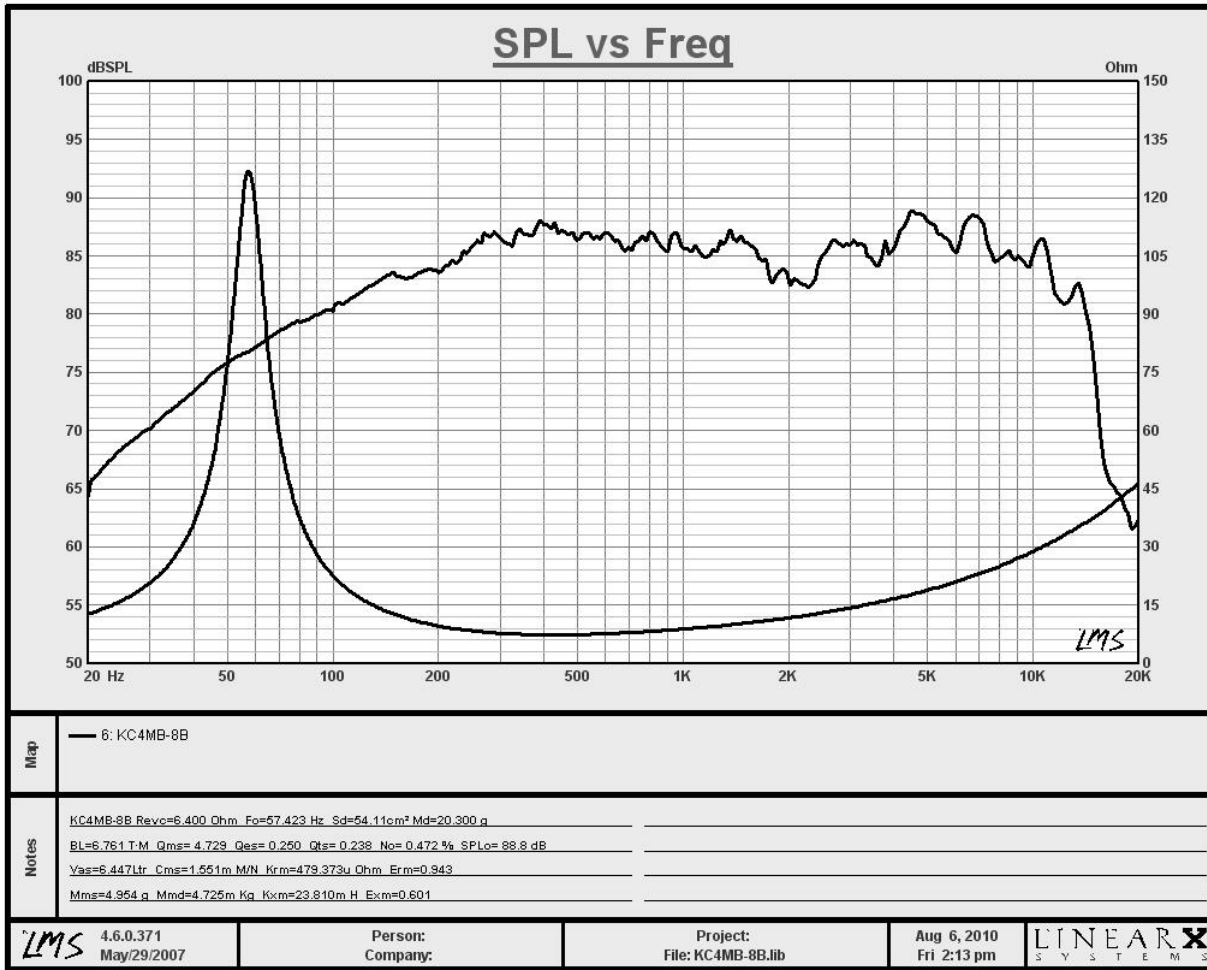
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	67	Hz
D.C. Resistance (Re)	7.0	ohms
Mechanical Q (Qms)	4.7	
Electrical Q (Qes)	0.25	
Total Q (Qts)	0.24	
Compliance Equivalent Volume (Vas)	6.4	ltr
BL Product (BL)	6.8	T-M
Maximum Linear Excursion (Xmax)	1.2	mm
Surface Area of Cone (Sd)	57.0	cm2
Moving Mass (Mmd)		g

Material Descriptions

Basket	Cast Aluminum
Terminal Size	0.110 X 0.02 / 0.19 X 0.02
Magnet	Ferrite
Voice Coil Wire	Edge Wound Copper
Voice Coil Form	Kapton
Cone	Grey Carbon
Cone Edge	Natural Rubber
Dust Cap	Rubber

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.4 in.	+/- 0.020"
CD	Cutout Diameter	3.9 in.	+/- 0.020"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	4.5 in.	+/- 0.010"
ID	Internal Depth	2.3 in.	+/- 0.025"
FT	Flange Thickness	0.25 in.	+/- 0.050"
NW	Net Weight	941.0 g	

