

# Specification Sheet

Model # KC4MB-8C



# MISCO®

## Key Features:

- 4" (102 mm), 8 ohm
- Mid Range, 25 watt
- Ferrite magnet, Carbon Fiber cone with natural rubber surround
- Cast Aluminum Basket
- Copper Shorting Ring;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.0	inch
	102.0	mm
Rated Impedance	8	ohms
Rated Power	25.0	Watts
Program Power	50	Watts
Frequency Range	60 - 15000	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		

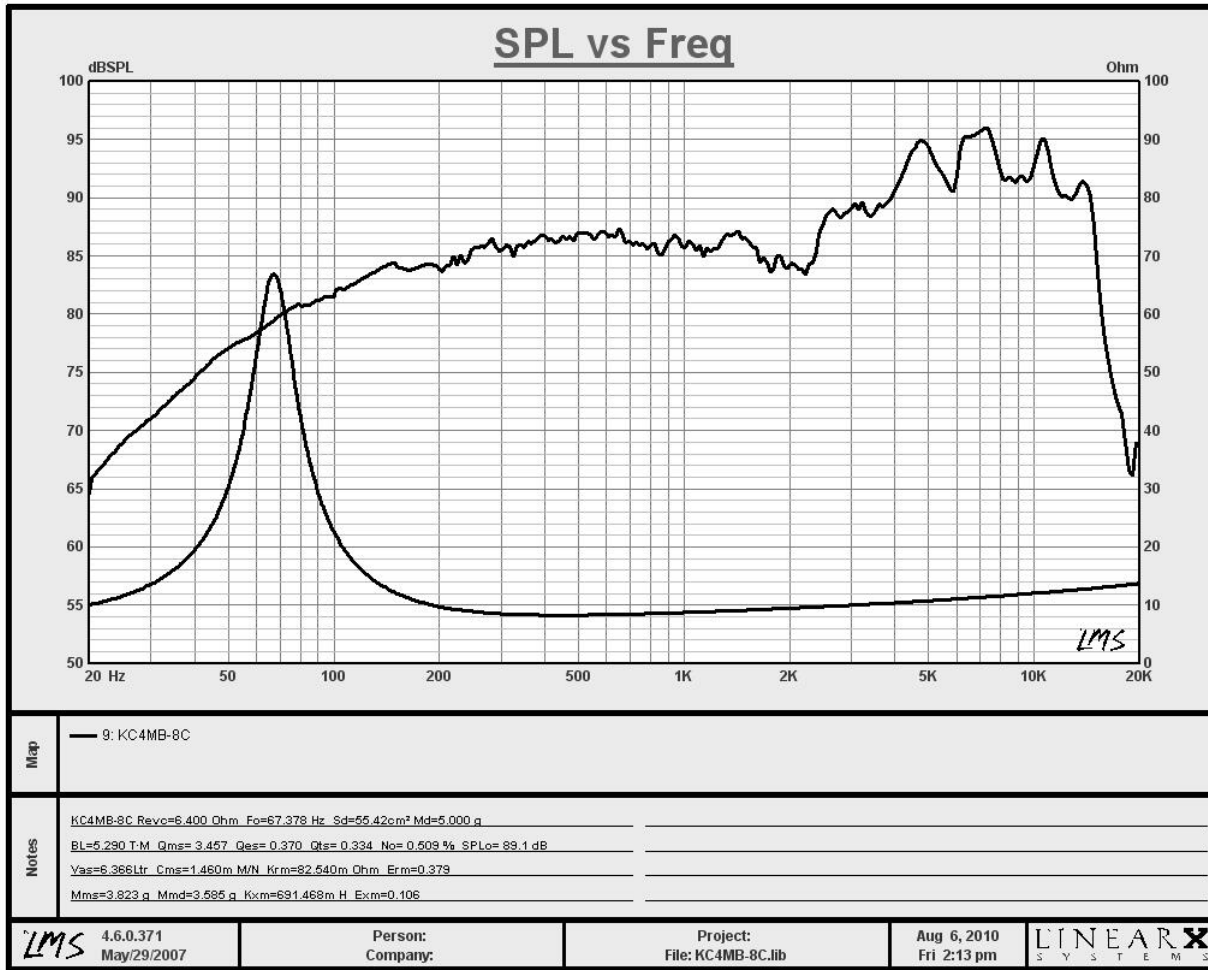
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	67	Hz
D.C. Resistance (Re)	6.4	ohms
Mechanical Q (Qms)	3.5	
Electrical Q (Qes)	0.37	
Total Q (Qts)	0.33	
Compliance Equivalent Volume (Vas)	6.4	ltr
BL Product (BL)	5.3	T-M
Maximum Linear Excursion (Xmax)	1.5	mm
Surface Area of Cone (Sd)	55.0	cm <sup>2</sup>
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	954.0 g	

