

# Specification Sheet

Model # KC62MB-8A



## MISCO®

### Key Features:

- 6.5" (165mm), 8 ohm
- Mid Bass Woofer, 25 watts
- Ferrite magnet, black talc filled polypropylene cone with Santoprene rubber surround;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	6.5	inch
	165.0	mm
Rated Impedance	8	ohms
Rated Power	25.0	Watts
Program Power	50	Watts
Frequency Range	40 - 4000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	85	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	12.0 / 341	oz / gr
Transformer		

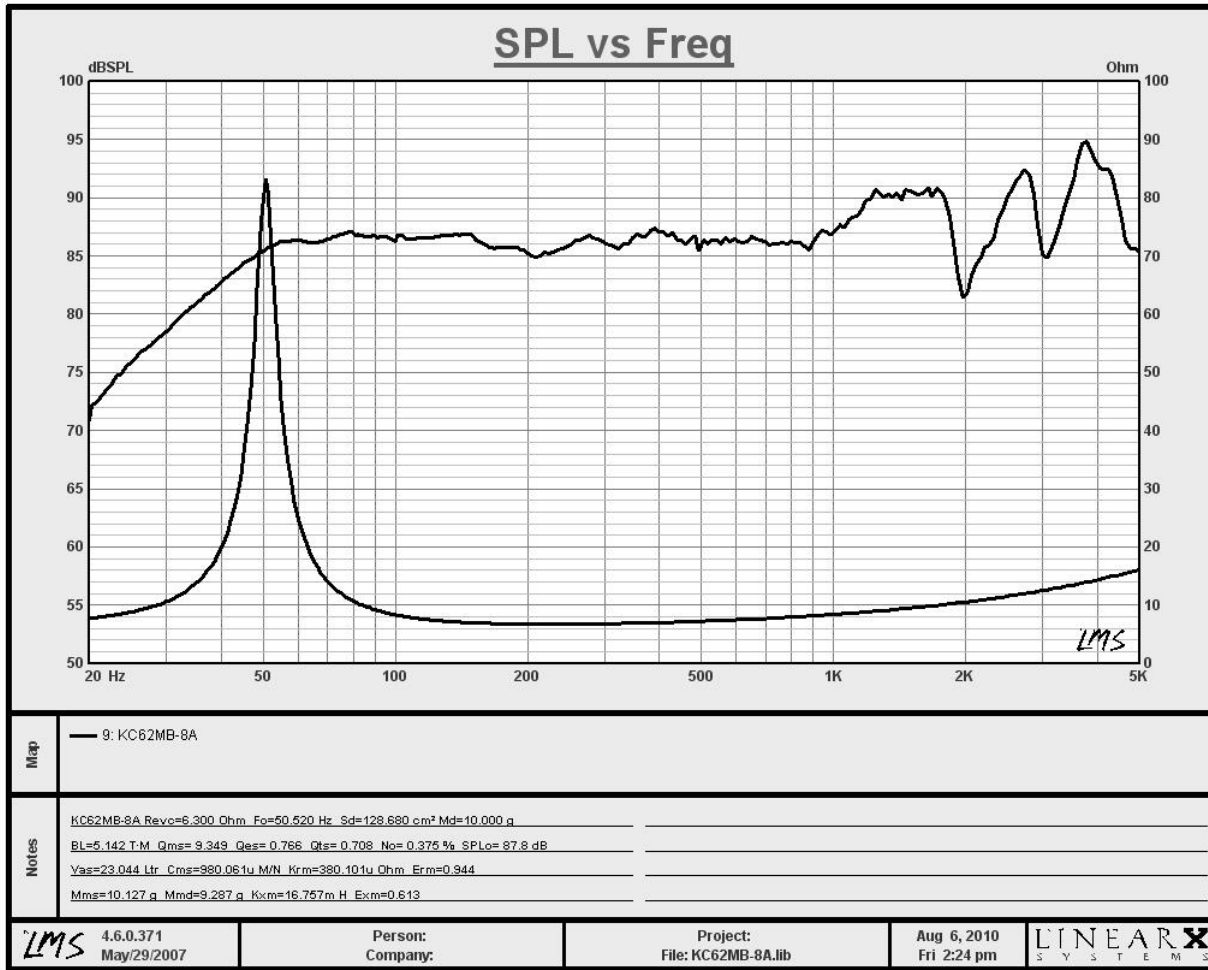
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	51	Hz
D.C. Resistance (Re)	6.5	ohms
Mechanical Q (Qms)	9.3	
Electrical Q (Qes)	0.77	
Total Q (Qts)	0.71	
Compliance Equivalent Volume (Vas)	23.0	ltr
BL Product (BL)	5.1	T-M
Maximum Linear Excursion (Xmax)	4.4	mm
Surface Area of Cone (Sd)	129.0	cm <sup>2</sup>
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	Kapton
Cone	Black Talc Filled Polypropylene
Cone Edge	Santoprene Rubber
Dust Cap	Cloth

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	6.6 in.	+/- 0.020"
CD	Cutout Diameter	5.6 in.	+/- 0.020"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	6.1 in.	+/- 0.010"
ID	Internal Depth	2.7 in.	+/- 0.025"
FT	Flange Thickness	0.18 in.	+/- 0.050"
NW	Net Weight	1094.0 g	

