

Specification Sheet

Model # KC54W-8B



MISCO®

Key Features:

- 5.2" (134mm), 8 ohm
- Woofer, 50 watts
- Ferrite magnet, black talc filled polypropylene cone with NBR rubber surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	5.2	inch
	134.0	mm
Rated Impedance	8	ohms
Rated Power	50.0	Watts
Program Power	100	Watts
Frequency Range	55 - 10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	87	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	12.0 / 341	oz / gr
Transformer		

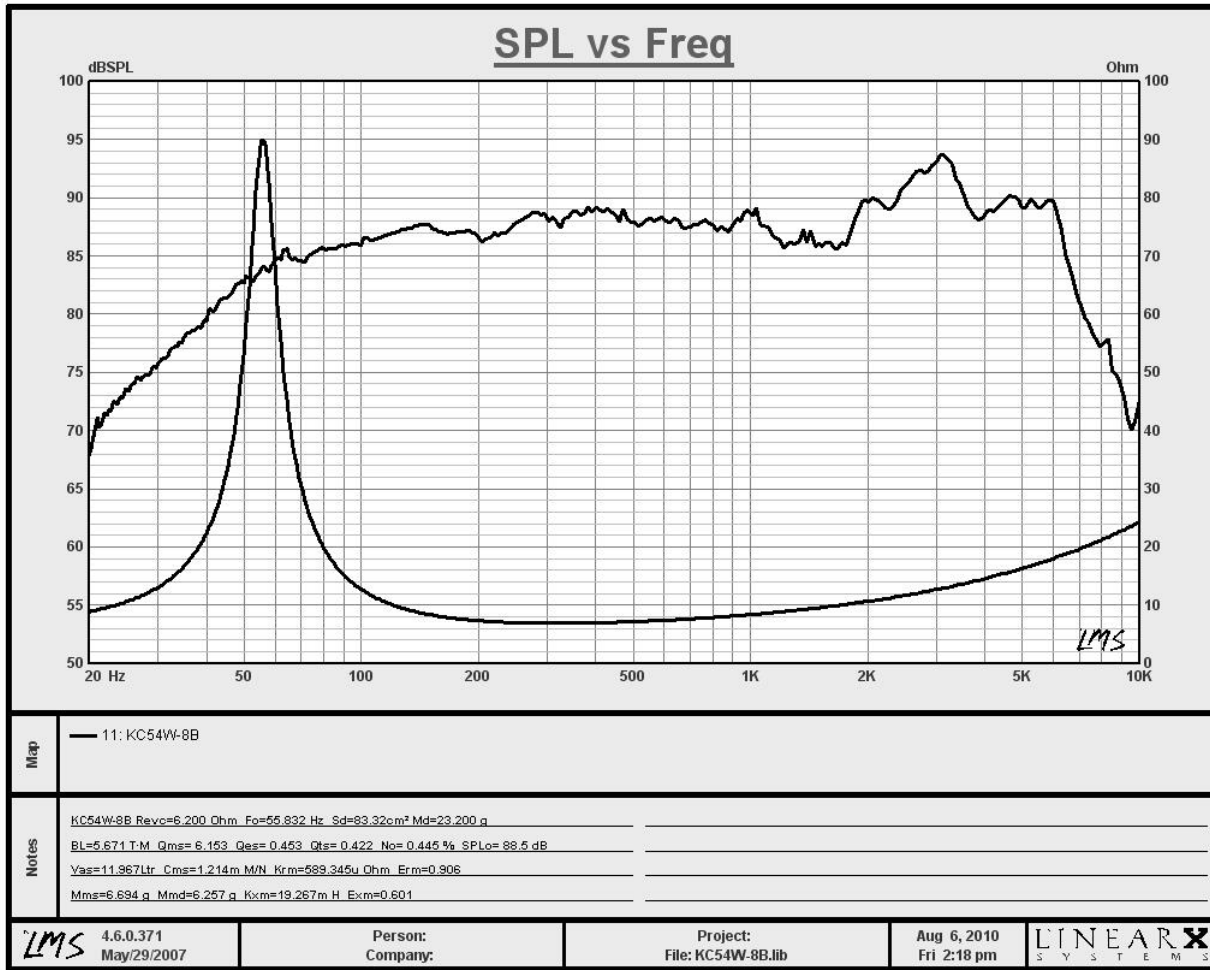
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	56	Hz
D.C. Resistance (Re)	6.2	ohms
Mechanical Q (Qms)	6.2	
Electrical Q (Qes)	0.45	
Total Q (Qts)	0.42	
Compliance Equivalent Volume (Vas)	12.0	ltr
BL Product (BL)	5.7	T-M
Maximum Linear Excursion (Xmax)	4.4	mm
Surface Area of Cone (Sd)	83.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.110 X 0.02 / 0.19 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Kapton
Cone	Black Talc Filled Polypropylene
Cone Edge	NBR Rubber
Dust Cap	Plastic

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	5.3 in.	+/- 0.020"
CD	Cutout Diameter	4.6 in.	+/- 0.020"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.4 in.	+/- 0.010"
MD	Mounting Diameter	5.4 in.	+/- 0.010"
ID	Internal Depth	2.3 in.	+/- 0.025"
FT	Flange Thickness	0.12 in.	+/- 0.050"
NW	Net Weight	955.0 g	

