

Specification Sheet

Model # KC42W-8A



MISCO®

Key Features:

- 4.5" (115mm), 8 ohm
- Woofer, 40 watts
- Ferrite magnet, Polypropylene cone with rubber surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.5	inch
	115.0	mm
Rated Impedance	8	ohms
Rated Power	40.0	Watts
Program Power	80	Watts
Frequency Range	40 - 7,000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	88	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	12.0 / 341	oz / gr
Transformer		

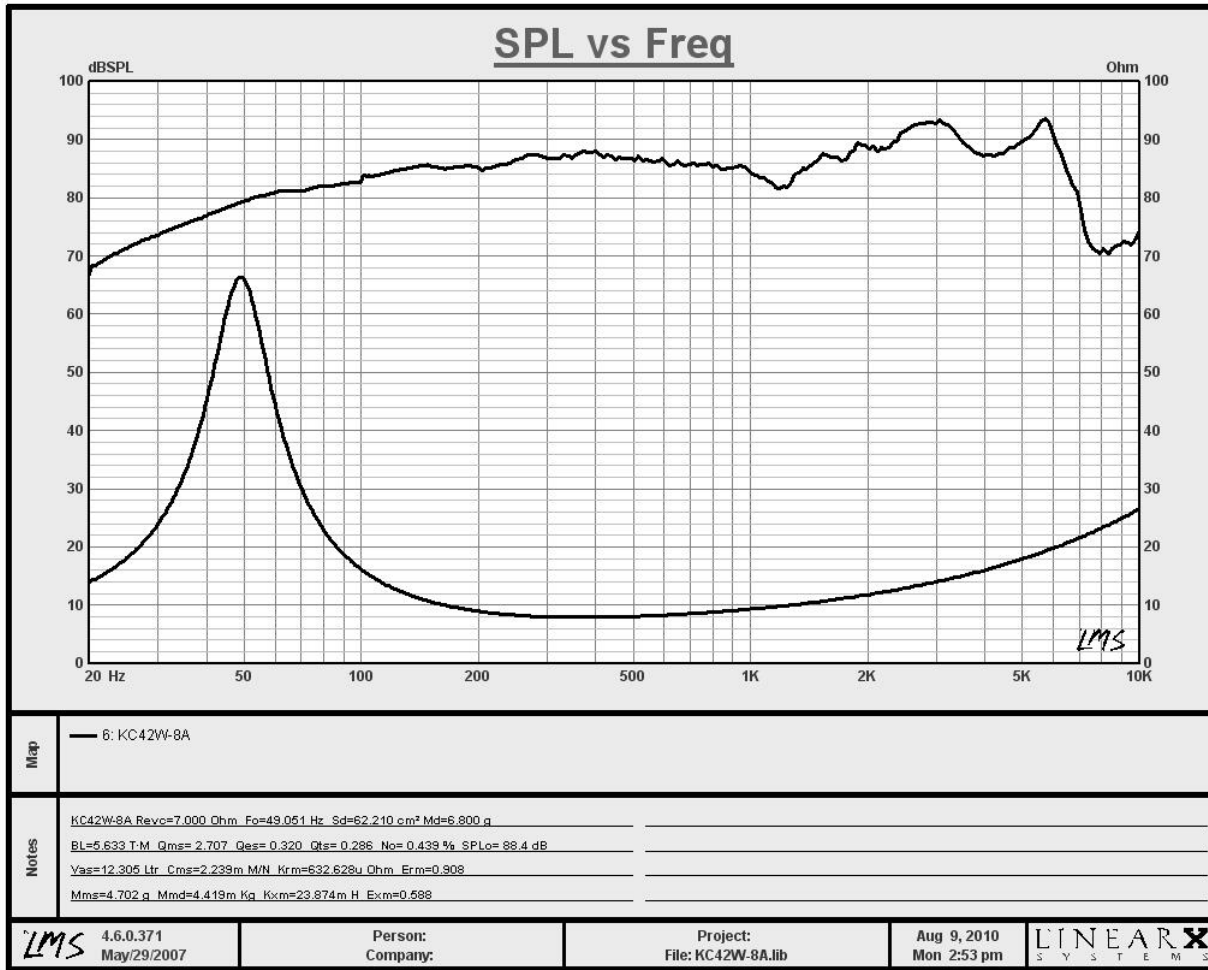
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	49	Hz
D.C. Resistance (Re)	7.0	ohms
Mechanical Q (Qms)	2.7	
Electrical Q (Qes)	0.32	
Total Q (Qts)	0.29	
Compliance Equivalent Volume (Vas)	12.3	ltr
BL Product (BL)	5.6	T-M
Maximum Linear Excursion (Xmax)	1.7	mm
Surface Area of Cone (Sd)	62.0	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	Kapton
Cone	Polypropylene
Cone Edge	Rubber
Dust Cap	Plastic

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.6 in.	+/- 0.020"
CD	Cutout Diameter	4.1 in.	+/- 0.020"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	4.7 in.	+/- 0.010"
ID	Internal Depth	2.0 in.	+/- 0.025"
FT	Flange Thickness	0.11 in.	+/- 0.050"
NW	Net Weight	969.0 g	

