

Specification Sheet

Model # KC42W-4A



MISCO®

Key Features:

- 4.5" (115 mm), 8 ohm
- Woofer, 25 watt
- Ferrite magnet, Black Talc Filled Polypropylene cone with Natural rubber surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.5	inch
	115.0	mm
Rated Impedance	8	ohms
Rated Power	25.0	Watts
Program Power	50	Watts
Frequency Range	47 - 5400	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		

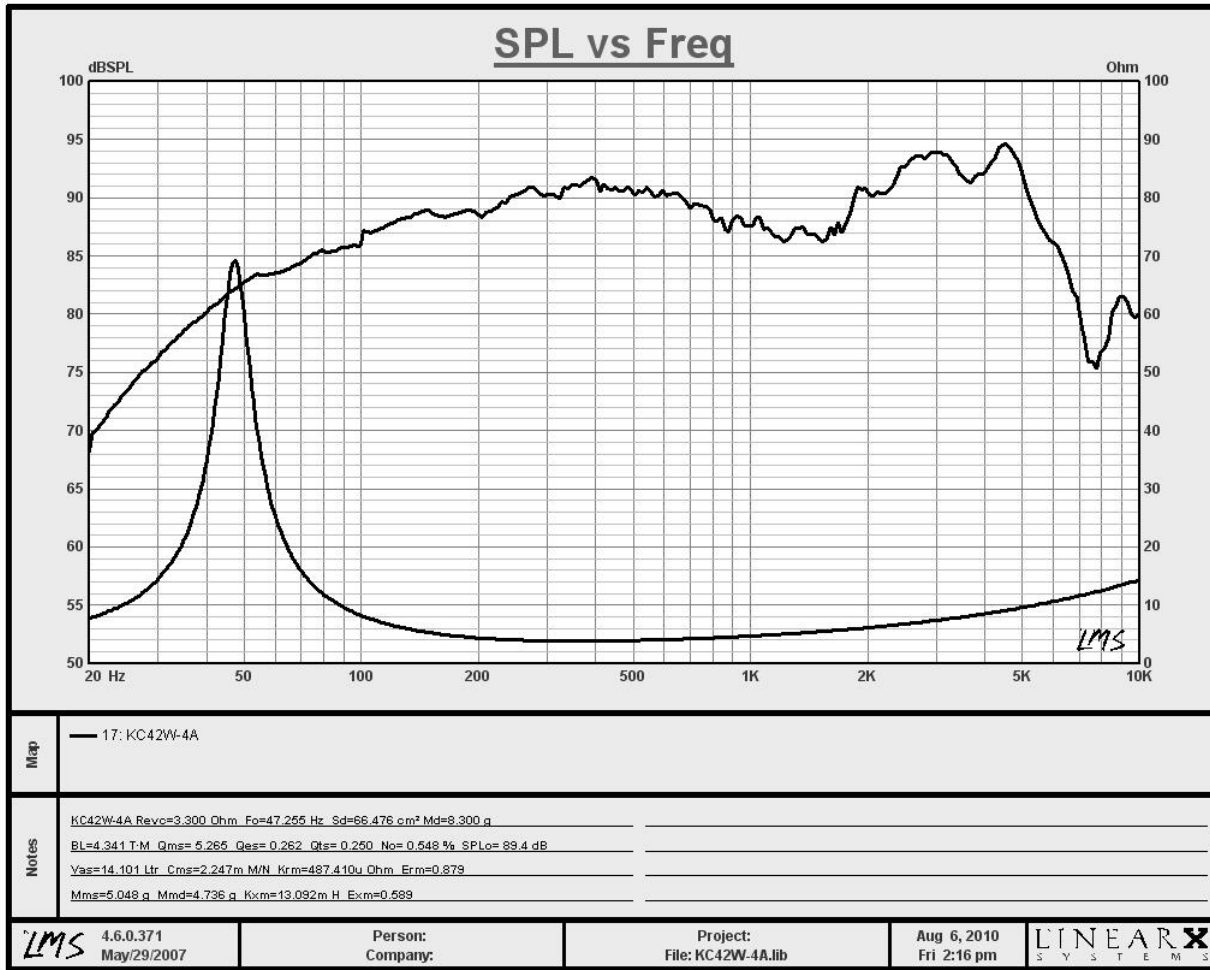
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	47	Hz
D.C. Resistance (Re)	3.4	ohms
Mechanical Q (Qms)	5.3	
Electrical Q (Qes)	0.26	
Total Q (Qts)	0.25	
Compliance Equivalent Volume (Vas)	14.1	ltr
BL Product (BL)	4.3	T-M
Maximum Linear Excursion (Xmax)	1.45	mm
Surface Area of Cone (Sd)	66.0	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	Black Talc Filled Polypropylene
Cone Edge	Natural 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	

