

Specification Sheet

Model # KC42F-4A



MISCO®

Key Features:

- 4.5" (115 mm), 4 ohm
- Woofer, 40 watts
- Ferrite magnet, paper cone with foam 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	4	ohms
Rated Power	40.0	Watts
Program Power	80	Watts
Frequency Range	100-10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	93	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	12.0 / 341	oz / gr
Transformer		

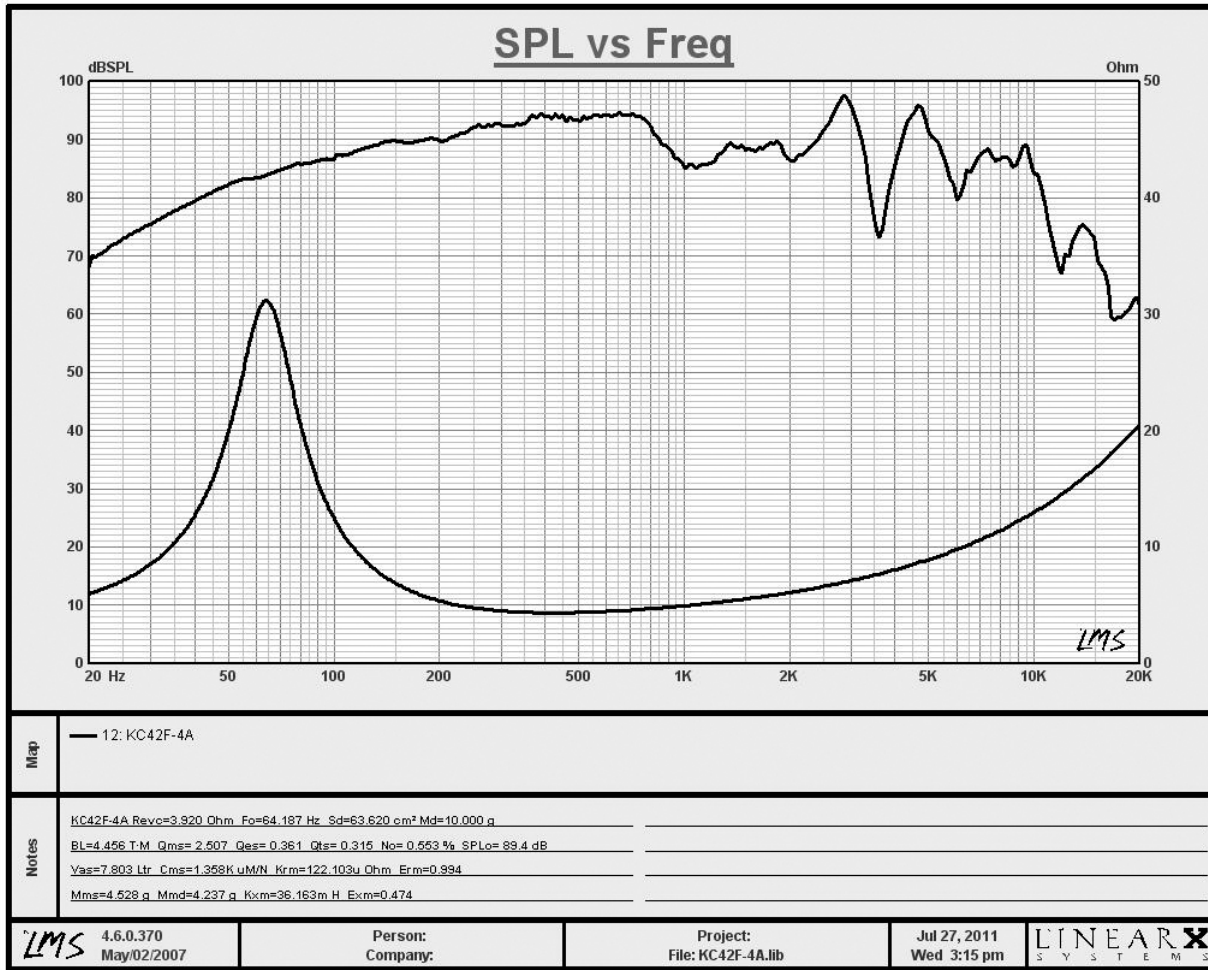
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	64	Hz
D.C. Resistance (Re)	3.9	ohms
Mechanical Q (Qms)	2.5	
Electrical Q (Qes)	0.36	
Total Q (Qts)	0.32	
Compliance Equivalent Volume (Vas)	7.8	ltr
BL Product (BL)	4.5	T-M
Maximum Linear Excursion (Xmax)	1.5	mm
Surface Area of Cone (Sd)	64.0	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	Aluminum
Cone	Paper
Cone Edge	Polyether Foam
Dust Cap	Felt

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	2.1 in.	+/- 0.025"
FT	Flange Thickness	0.13 in.	+/- 0.050"
NW	Net Weight	941.0 g	

