

Specification Sheet

Model # KC4C-8C



MISCO®

Key Features:

- 4" (100mm), 8 ohm
- Mid Range, 40 watts
- 12 ounce ferrite magnet, Kevlar fiber cone with cloth surround

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.0	inch
	100.0	mm
Rated Impedance	8	ohms
Rated Power	40.0	Watts
Program Power	80	Watts
Frequency Range	100 - 8,500	Hz
Sensitivity (2.83 V input measured at 1 Meter)	92	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	12.0 / 341	oz / gr
Transformer		

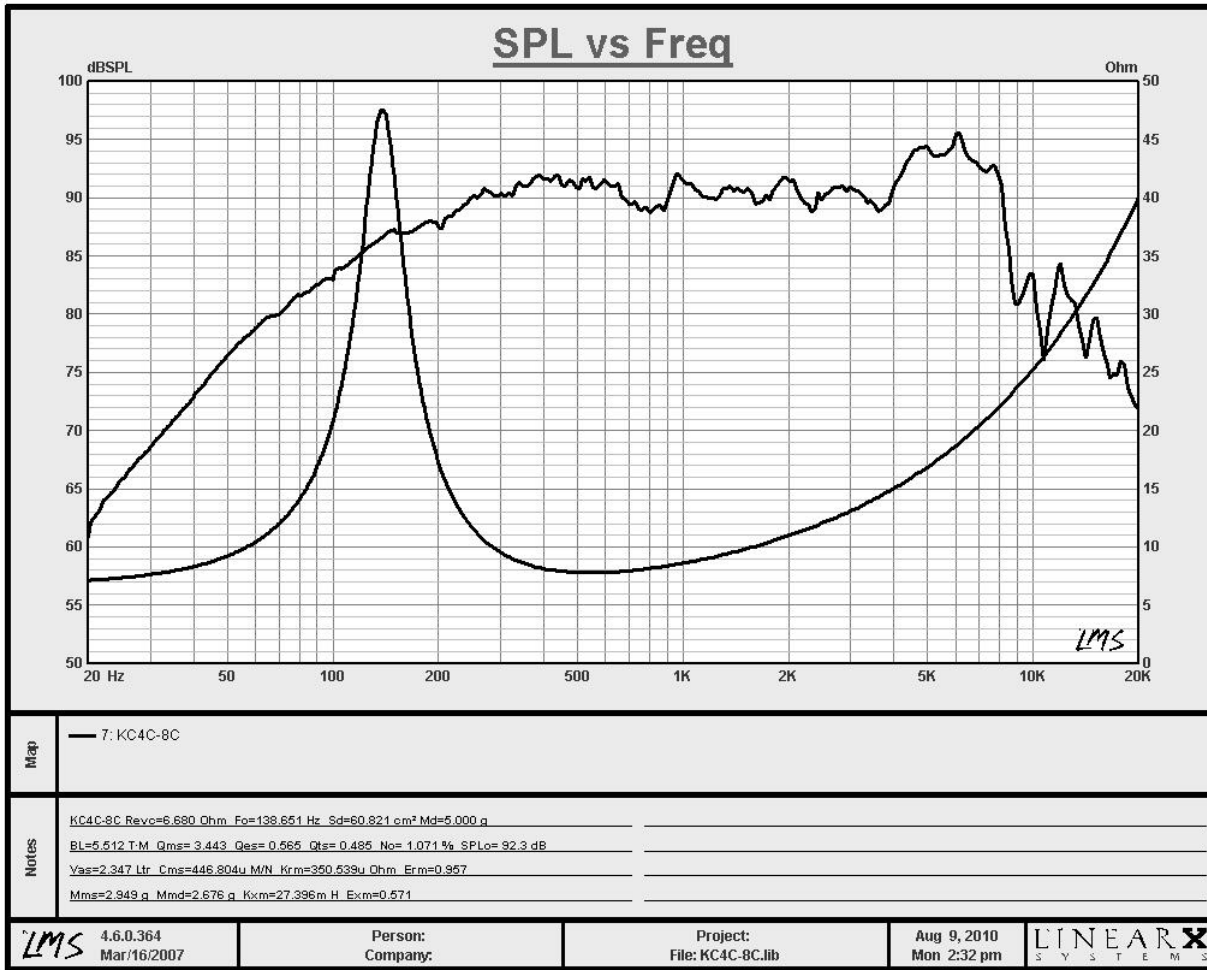
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	139	Hz
D.C. Resistance (Re)	6.7	ohms
Mechanical Q (Qms)	3.4	
Electrical Q (Qes)	0.57	
Total Q (Qts)	0.49	
Compliance Equivalent Volume (Vas)	2.4	ltr
BL Product (BL)	5.5	T-M
Maximum Linear Excursion (Xmax)	1.7	mm
Surface Area of Cone (Sd)	61.0	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	Paper
Cone Edge	Cloth
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.1 in.	+/- 0.020"
CD	Cutout Diameter	3.7 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	2.3 in.	+/- 0.025"
FT	Flange Thickness	0.13 in.	+/- 0.050"
NW	Net Weight	938.0 g	

