

# Specification Sheet

Model # KC42C-8B



## MISCO®

### Key Features:

- 5" (127mm), 8 ohm
- Full Range, 40 watts
- Ferrite magnet, Paper cone with cloth surround
- RoHS compliant

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	5.0	inch
	127.0	mm
Rated Impedance	8	ohms
Rated Power	40.0	Watts
Program Power	80	Watts
Frequency Range	80 - 15,000	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		

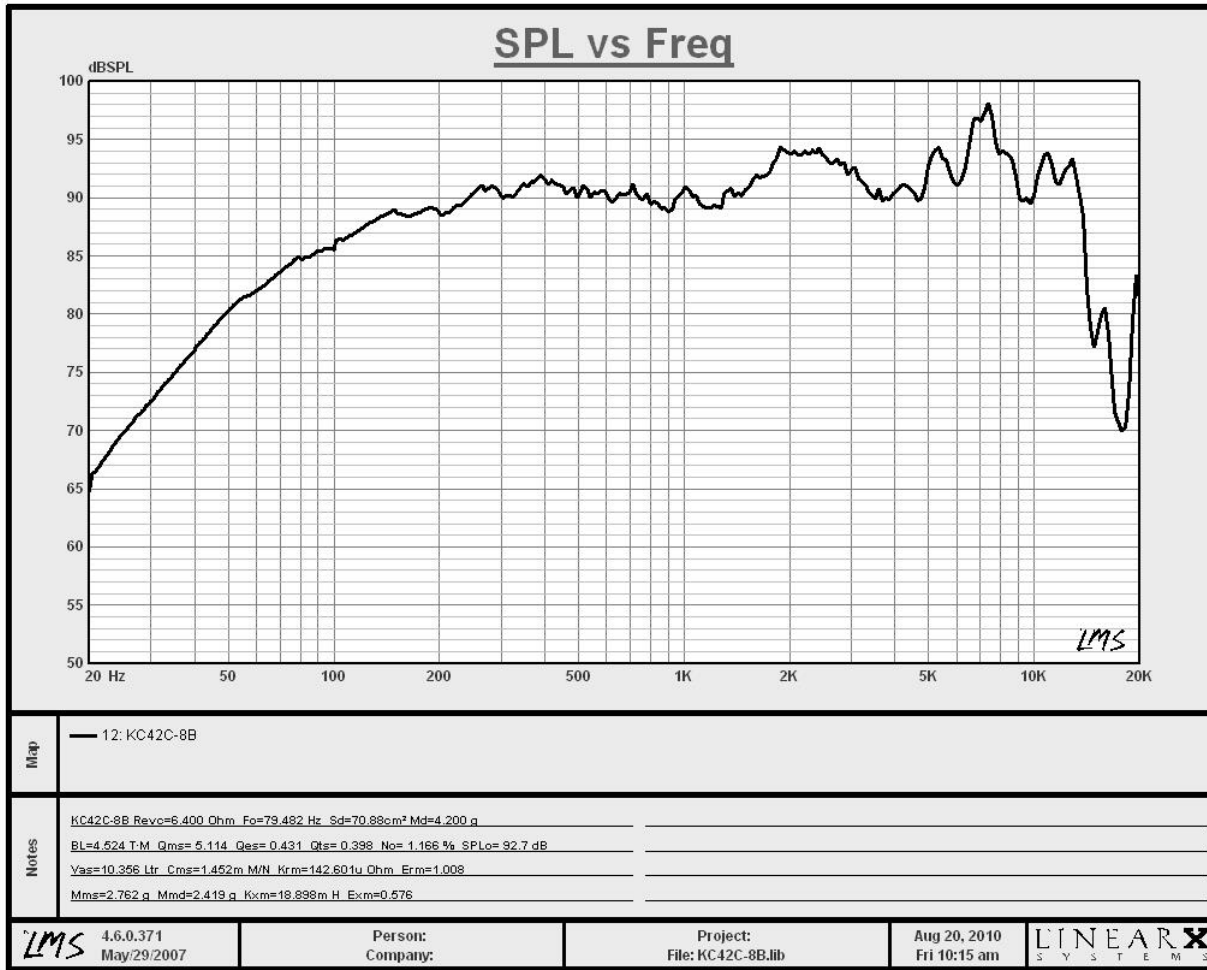
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	79	Hz
D.C. Resistance (Re)	6.4	ohms
Mechanical Q (Qms)	5.1	
Electrical Q (Qes)	0.43	
Total Q (Qts)	0.4	
Compliance Equivalent Volume (Vas)	10.4	ltr
BL Product (BL)	4.5	T-M
Maximum Linear Excursion (Xmax)	2.2	mm
Surface Area of Cone (Sd)	71.0	cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 x 0.02
Magnet	Ferrite
Voice Coil Wire	Aluminum
Voice Coil Form	Kapton
Cone	Paper
Cone Edge	Cloth
Dust Cap	Paper

## Sensitivity / Frequency



## Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.6 in.	+/- 0.020"
CD	Cutout Diameter	4.2 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	2.2 in.	+/- 0.025"
FT	Flange Thickness	0.12 in.	+/- 0.050"
NW	Net Weight	947.0 g	

