

Specification Sheet

Model # LC7C-8A



MISCO®

Key Features:

- 7" (177mm), 8 ohm edgewound coil
- Woofer, 50 watts
- Ferrite magnet, White paper with cloth surround
- Mounting fits NS10
- RoHS compliant

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	7.0	inch
	177.0	mm
Rated Impedance	8	ohms
Rated Power	50.0	Watts
Program Power	100	Watts
Frequency Range	40 - 7,000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	92	dB SPL
Voice Coil Diameter	1.5 / 38.1	inch / mm
Magnet Weight	20.0 / 568	oz / gr
Transformer		

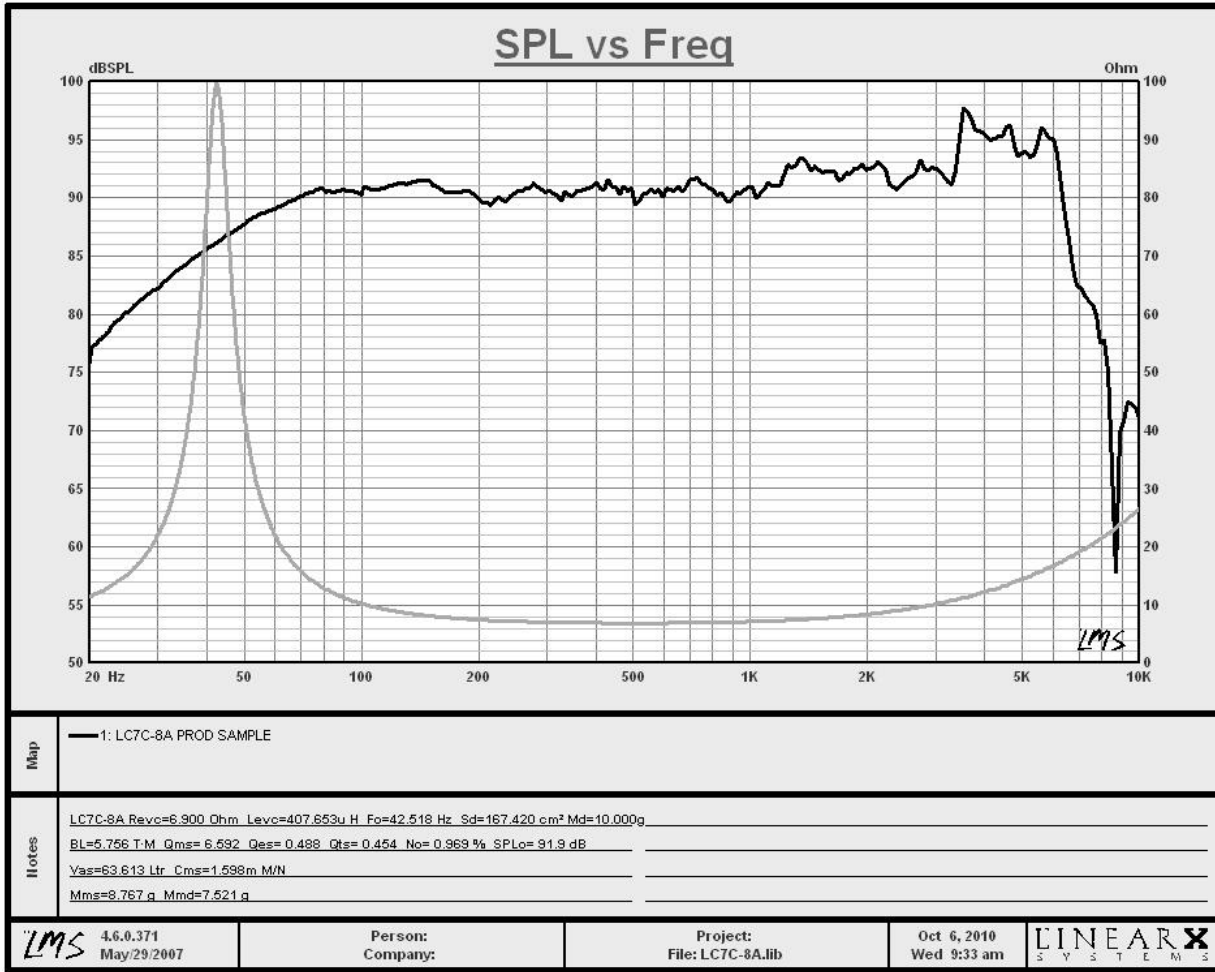
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	43	Hz
D.C. Resistance (Re)	6.9	ohms
Mechanical Q (Qms)	6.6	
Electrical Q (Qes)	0.488	
Total Q (Qts)	0.45	
Compliance Equivalent Volume (Vas)	63.6	ltr
BL Product (BL)	5.8	T-M
Maximum Linear Excursion (Xmax)	4.0	mm
Surface Area of Cone (Sd)	167.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.25 X 0.3 / 0.19 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Nomex
Cone	White Paper
Cone Edge	Cloth
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	7.3 in.	+/- 0.020"
CD	Cutout Diameter	6.4 in.	+/- 0.020"
MG	Magnet Diameter	4.6 in.	+/- 0.050"
HD	Hole Diameter	0.24 in.	+/- 0.010"
MD	Mounting Diameter	7.6 in.	+/- 0.010"
ID	Internal Depth	3.3 in.	+/- 0.025"
FT	Flange Thickness	0.14 in.	+/- 0.050"
NW	Net Weight	2176.0 g	

