

Specification Sheet

Model # JC54C-8C



MISCO®

Key Features:

- 5.2" (134mm), 8 ohm
- Full Range, 15 watts
- Ferrite magnet, Kevlar cone and cap, pretreated cloth surround

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	5.2	inch
	134.0	mm
Rated Impedance	8	ohms
Rated Power	15.0	Watts
Program Power	30	Watts
Frequency Range	90 - 7500	Hz
Sensitivity (2.83 V input measured at 1 Meter)	89	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	10.0 / 284	oz / gr
Transformer		

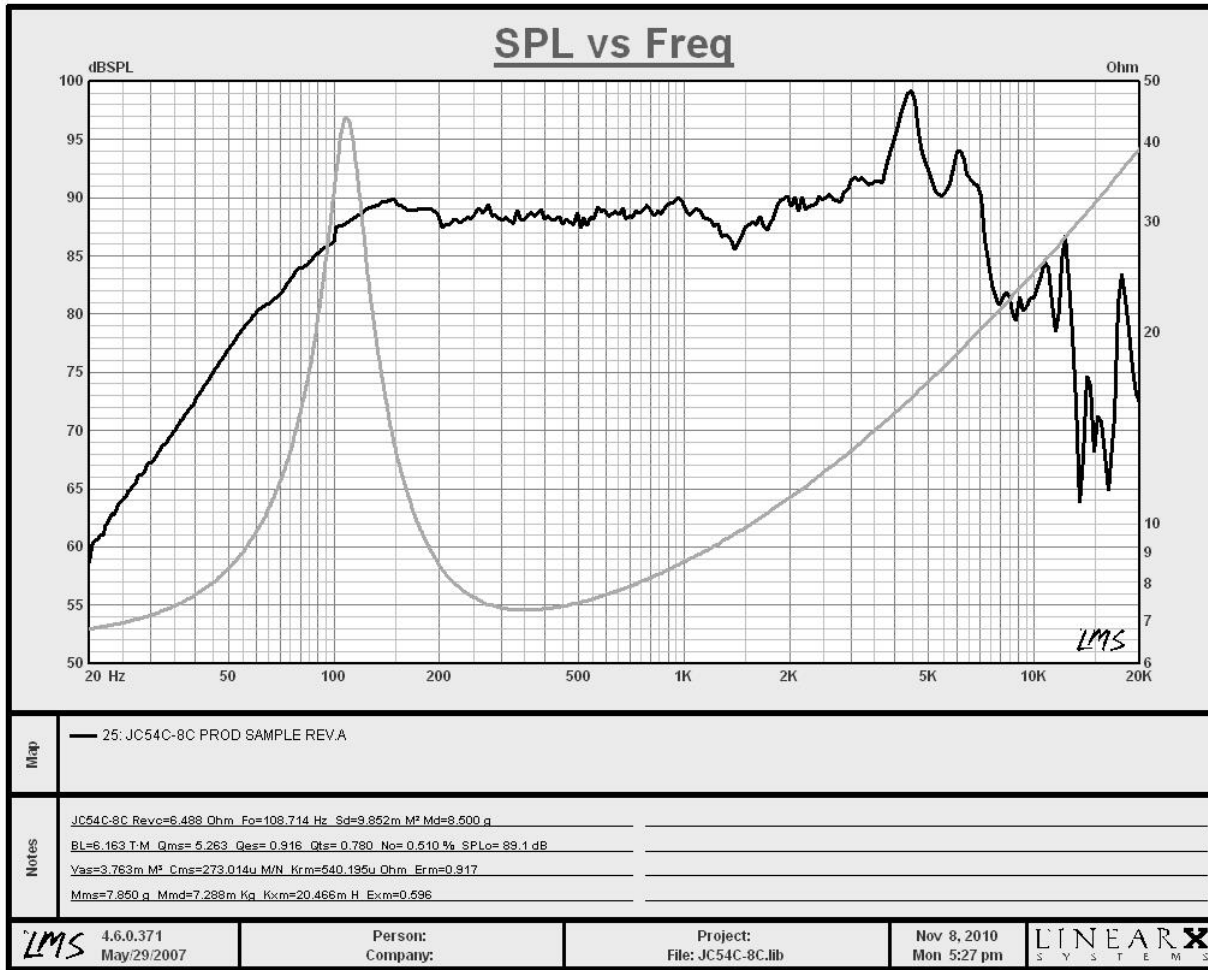
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	113	Hz
D.C. Resistance (Re)	6.5	ohms
Mechanical Q (Qms)	5.3	
Electrical Q (Qes)	0.92	
Total Q (Qts)	0.78	
Compliance Equivalent Volume (Vas)	3.8	ltr
BL Product (BL)	6.2	T-M
Maximum Linear Excursion (Xmax)	1.6	mm
Surface Area of Cone (Sd)	97.0	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	Kevlar fiber
Cone Edge	Cloth
Dust Cap	Kevlar Fiber

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	5.3 in.	+/- 0.020"
CD	Cutout Diameter	4.7 in.	+/- 0.020"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.4 in.	+/- 0.010"
MD	Mounting Diameter	5.5 in.	+/- 0.010"
ID	Internal Depth	2.1 in.	+/- 0.025"
FT	Flange Thickness	0.15 in.	+/- 0.050"
NW	Net Weight	816.0 g	

