

Specification Sheet

Model # FC4C-8AG



MISCO®

Key Features:

- 4" (100 mm), 8 ohm
- 12 watts
- Ferrite magnet, paper 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	12.0	Watts
Program Power	24	Watts
Frequency Range	200-20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	90	dB SPL
Voice Coil Diameter	0.75 / 19.1	inch / mm
Magnet Weight	4.8 / 136	oz / gr
Transformer		

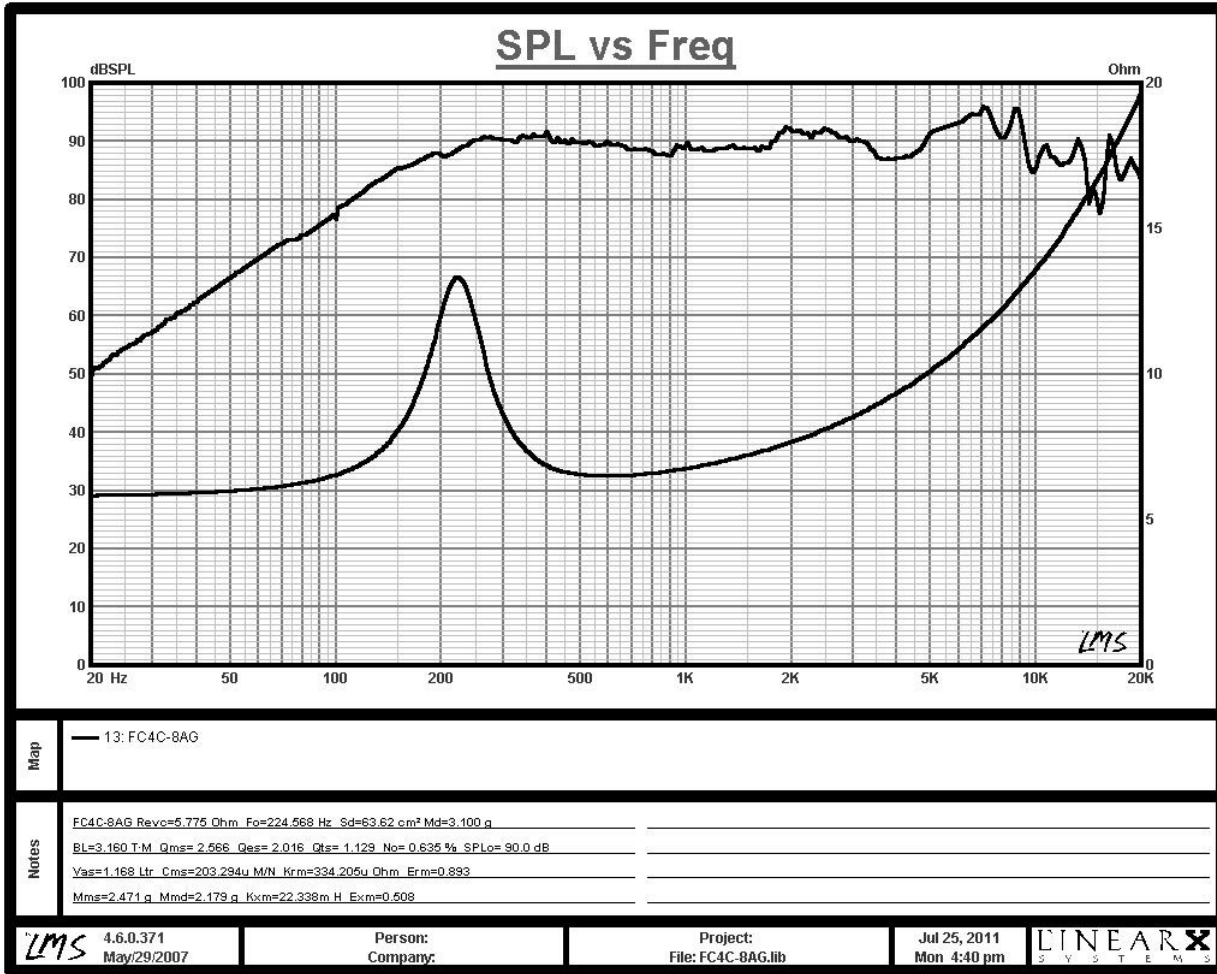
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	225	Hz
D.C. Resistance (Re)	5.7	ohms
Mechanical Q (Qms)	2.6	
Electrical Q (Qes)	2.02	
Total Q (Qts)	1.13	
Compliance Equivalent Volume (Vas)	1.2	ltr
BL Product (BL)	3.2	T-M
Maximum Linear Excursion (Xmax)	0.3	mm
Surface Area of Cone (Sd)	64.0	cm2
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.19 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
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	2.8 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	4.7 in.	+/- 0.010"
ID	Internal Depth	1.4 in.	+/- 0.025"
FT	Flange Thickness	0.14 in.	+/- 0.050"
NW	Net Weight	456.0 g	

