

Specification Sheet

Model # FC48CD-16B



MISCO®

Key Features:

- 4 X 8" (100 X 205mm), 8 ohm
- Full Range, 12 watts
- Ferrite magnet, paper cone with paper surround
- High Frequency paper Whizzer

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.0 x 8.0	inch
	100.0 x 205.0	mm
Rated Impedance	8	ohms
Rated Power	12.0	Watts
Program Power	24	Watts
Frequency Range	150 - 10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	90	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	4.8 / 136	oz / gr
Transformer		

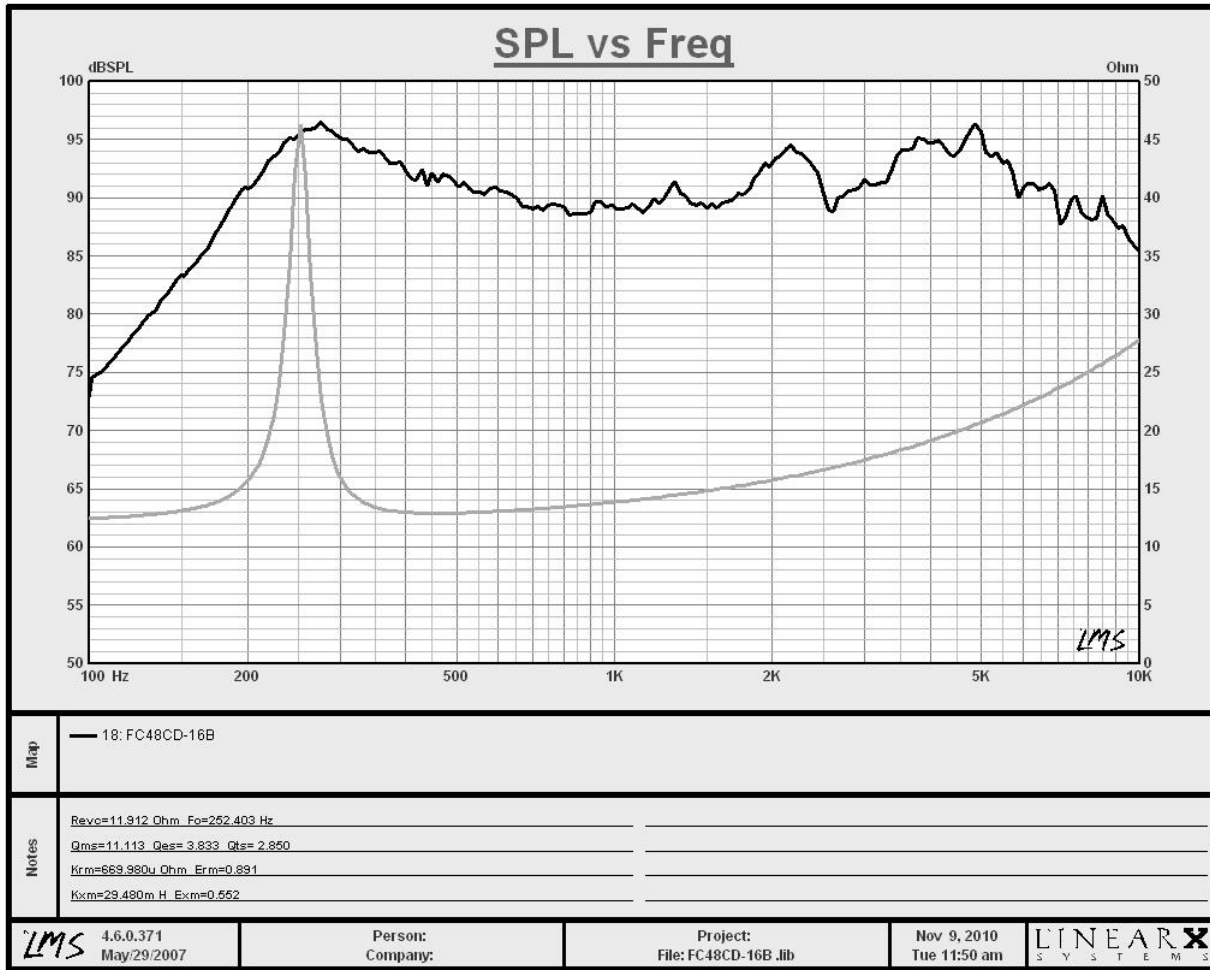
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	250	Hz
D.C. Resistance (Re)	12.0	ohms
Mechanical Q (Qms)	11.1	
Electrical Q (Qes)	3.8	
Total Q (Qts)	2.9	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	0.6	mm
Surface Area of Cone (Sd)		cm ²
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	Kapton
Cone	Paper
Cone Edge	Paper
Dust Cap	Paper Whizzer

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	8.0 in.	+/- 0.020"
CD	Cutout Diameter	7.5 in.	+/- 0.020"
MG	Magnet Diameter	2.8 in.	+/- 0.050"
HD	Hole Diameter	0.32 in.	+/- 0.010"
MD	Mounting Diameter	3.1 in.	+/- 0.010"
ID	Internal Depth	1.75 in.	+/- 0.025"
FT	Flange Thickness	0.13 in.	+/- 0.050"
NW	Net Weight	511.0 g	

