

Specification Sheet

Model # MC8WF-8B



MISCO®

Key Features:

- 8" (205mm), 8 ohm
- Woofer, 50 watts
- Ferrite magnet, paper cone with polyether foam surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	8.0	inch
	205.0	mm
Rated Impedance	8	ohms
Rated Power	50.0	Watts
Program Power	100	Watts
Frequency Range	45 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	91	dB SPL
Voice Coil Diameter	1.5 / 38.1	inch / mm
Magnet Weight	28.0 / 795	oz / gr
Transformer		

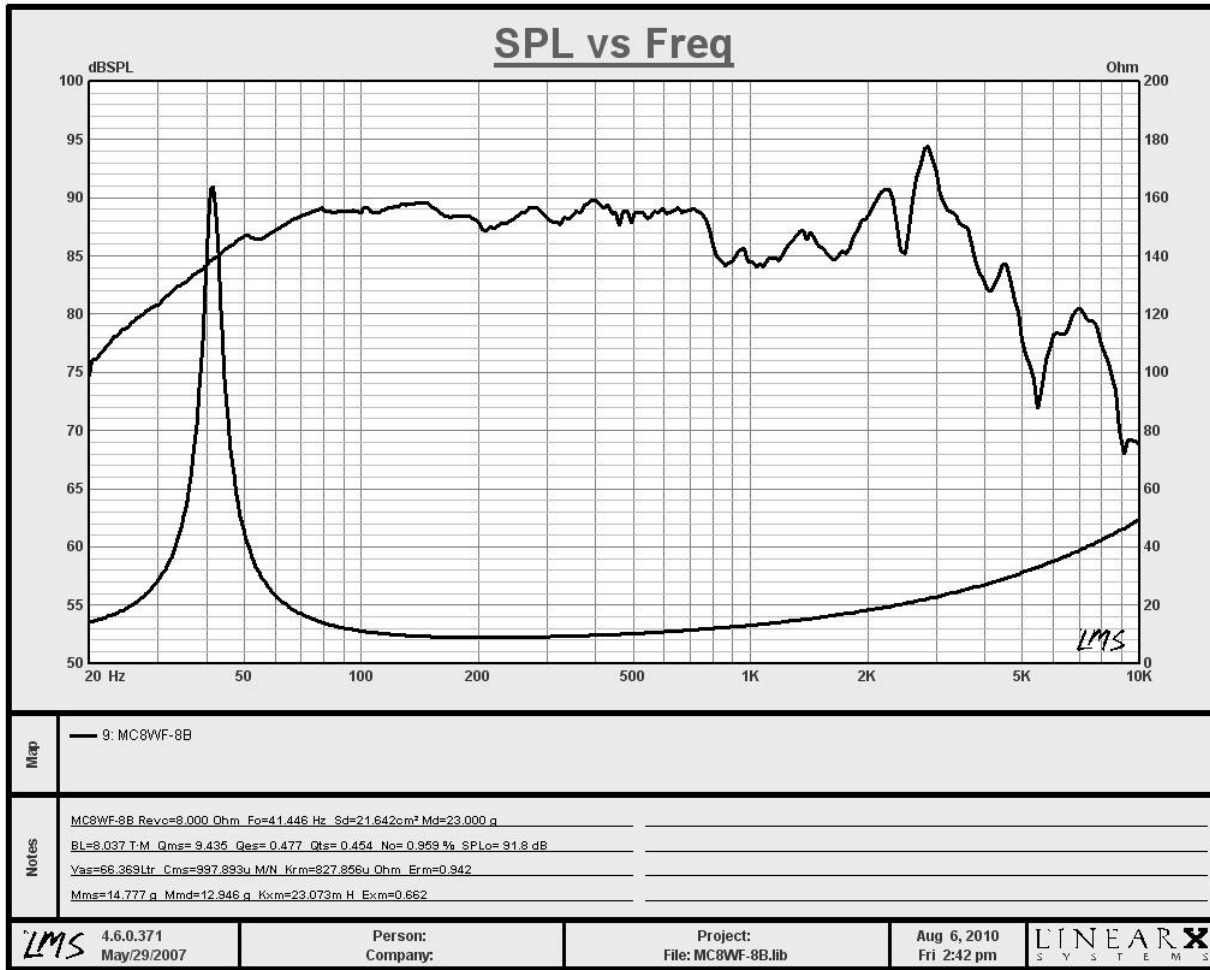
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	41	Hz
D.C. Resistance (Re)	8.0	ohms
Mechanical Q (Qms)	9.4	
Electrical Q (Qes)	0.48	
Total Q (Qts)	0.45	
Compliance Equivalent Volume (Vas)	66.4	ltr
BL Product (BL)	8.0	T-M
Maximum Linear Excursion (Xmax)	6.0	mm
Surface Area of Cone (Sd)	216.0	cm2
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	Paper
Cone Edge	Polyether Foam
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	8.2 in.	+/- 0.020"
CD	Cutout Diameter	7.3 in.	+/- 0.020"
MG	Magnet Diameter	4.6 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	7.9 in.	+/- 0.010"
ID	Internal Depth	3.8 in.	+/- 0.025"
FT	Flange Thickness	0.14 in.	+/- 0.050"
NW	Net Weight	2565.0 g	

