

Specification Sheet

Model # MC8W-4A



MISCO®

Key Features:

- 8" (205mm), 4 ohm
- Woofer, 75 watts
- Ferrite magnet, Polypropylene cone with rubber 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	4	ohms
Rated Power	75.0	Watts
Program Power	150	Watts
Frequency Range	35 - 5,000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	94	dB SPL
Voice Coil Diameter	1.5 / 38.1	inch / mm
Magnet Weight	28.0 / 795	oz / gr
Transformer		

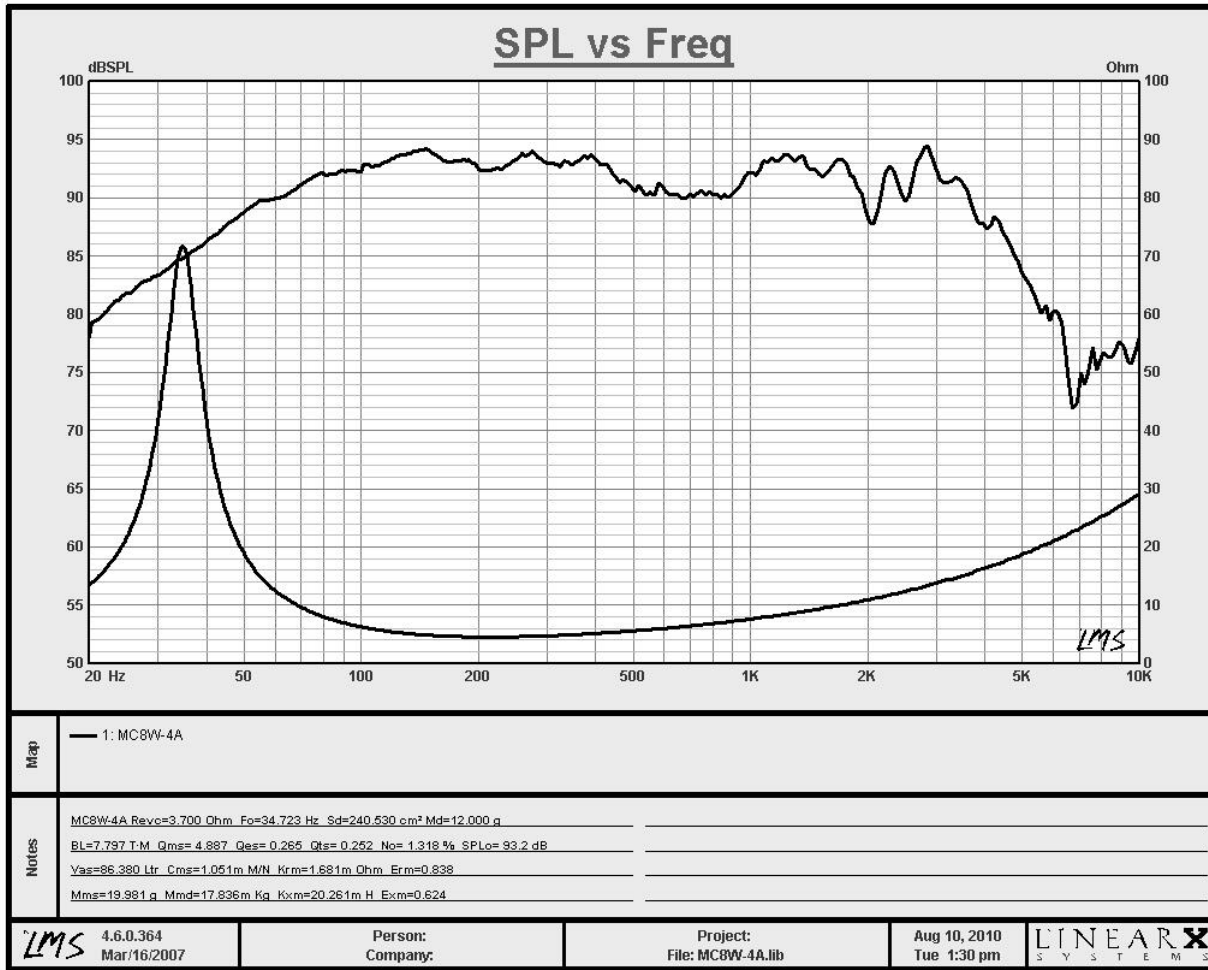
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	35	Hz
D.C. Resistance (Re)	3.7	ohms
Mechanical Q (Qms)	4.89	
Electrical Q (Qes)	0.265	
Total Q (Qts)	0.27	
Compliance Equivalent Volume (Vas)	86.4	ltr
BL Product (BL)	7.8	T-M
Maximum Linear Excursion (Xmax)	6.3	mm
Surface Area of Cone (Sd)	241.0	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	Polypropylene
Cone Edge	Rubber
Dust Cap	Cloth

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	8.5 in.	+/- 0.020"
CD	Cutout Diameter	7.3 in.	+/- 0.020"
MG	Magnet Diameter	4.6 in.	+/- 0.050"
HD	Hole Diameter	0.4 in.	+/- 0.010"
MD	Mounting Diameter	7.9 in.	+/- 0.010"
ID	Internal Depth	3.7 in.	+/- 0.025"
FT	Flange Thickness	0.41 in.	+/- 0.050"
NW	Net Weight	2609.0 g	

