

Specification Sheet

Model # MC12W-8A



MISCO®

Key Features:

- 12.0" (304mm), 8 ohm
- Woofer, 75 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	12.0	inch
	304.0	mm
Rated Impedance	8	ohms
Rated Power	75.0	Watts
Program Power	150	Watts
Frequency Range	30 - 4000	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		

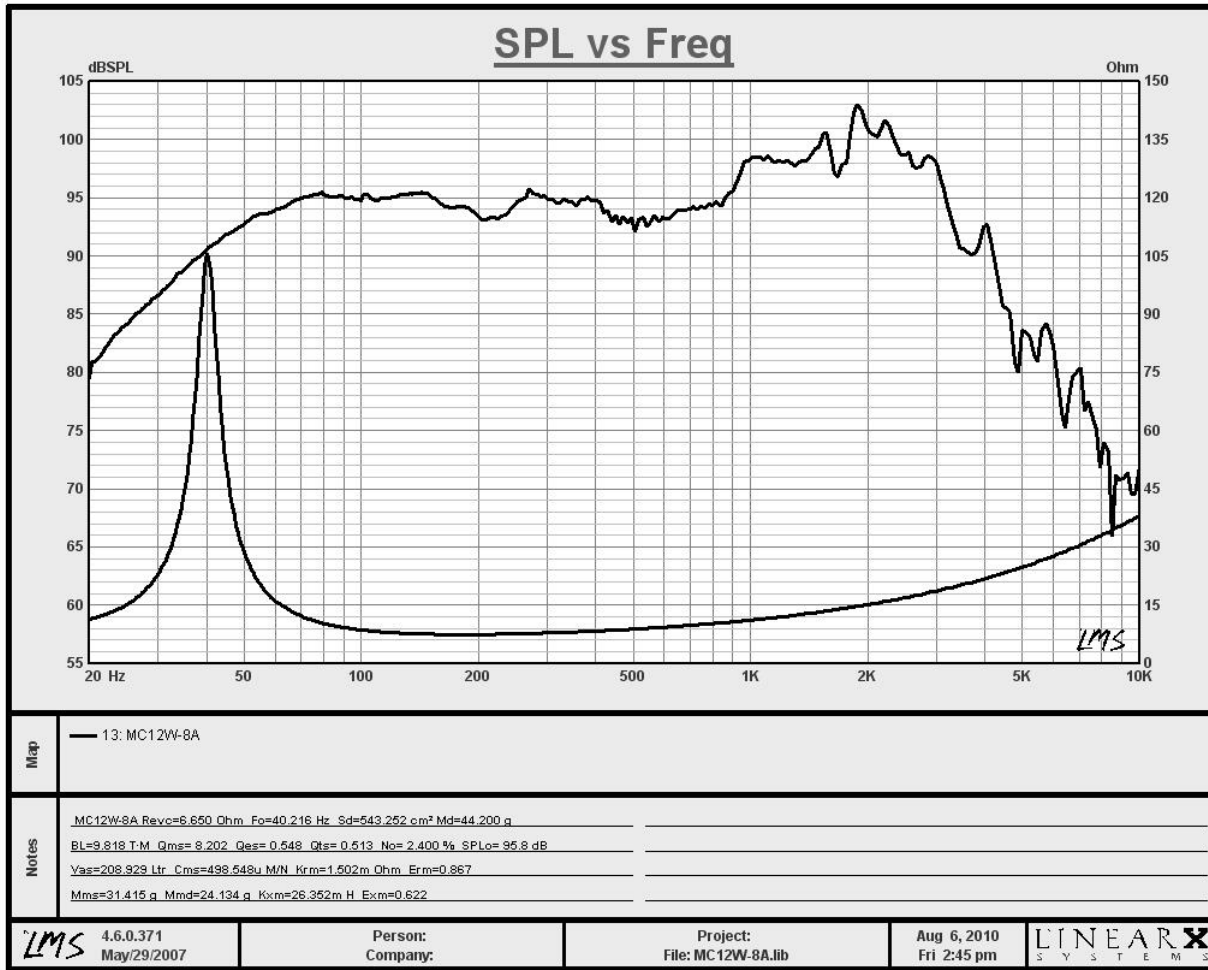
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	40	Hz
D.C. Resistance (Re)	6.7	ohms
Mechanical Q (Qms)	8.2	
Electrical Q (Qes)	0.54	
Total Q (Qts)	0.51	
Compliance Equivalent Volume (Vas)	208.9	ltr
BL Product (BL)	9.8	T-M
Maximum Linear Excursion (Xmax)	4.6	mm
Surface Area of Cone (Sd)	543.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	.205 X 0.020
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Kapton
Cone	Paper
Cone Edge	Pre-treated Black Cloth
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	12.2 in.	+/- 0.020"
CD	Cutout Diameter	11.1 in.	+/- 0.020"
MG	Magnet Diameter	4.6 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	11.6 in.	+/- 0.010"
ID	Internal Depth	5.3 in.	+/- 0.025"
FT	Flange Thickness	0.23 in.	+/- 0.050"
NW	Net Weight	2947.0 g	

