

Specification Sheet

Model # MC10W-4A



MISCO®

Key Features:

- 10" (250mm), 4 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	10.0	inch
	250.0	mm
Rated Impedance	4	ohms
Rated Power	50.0	Watts
Program Power	100	Watts
Frequency Range	16 - 1000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	92	dB SPL
Voice Coil Diameter	1.5 / 38.1	inch / mm
Magnet Weight	28.0 / 795	oz / gr
Transformer		

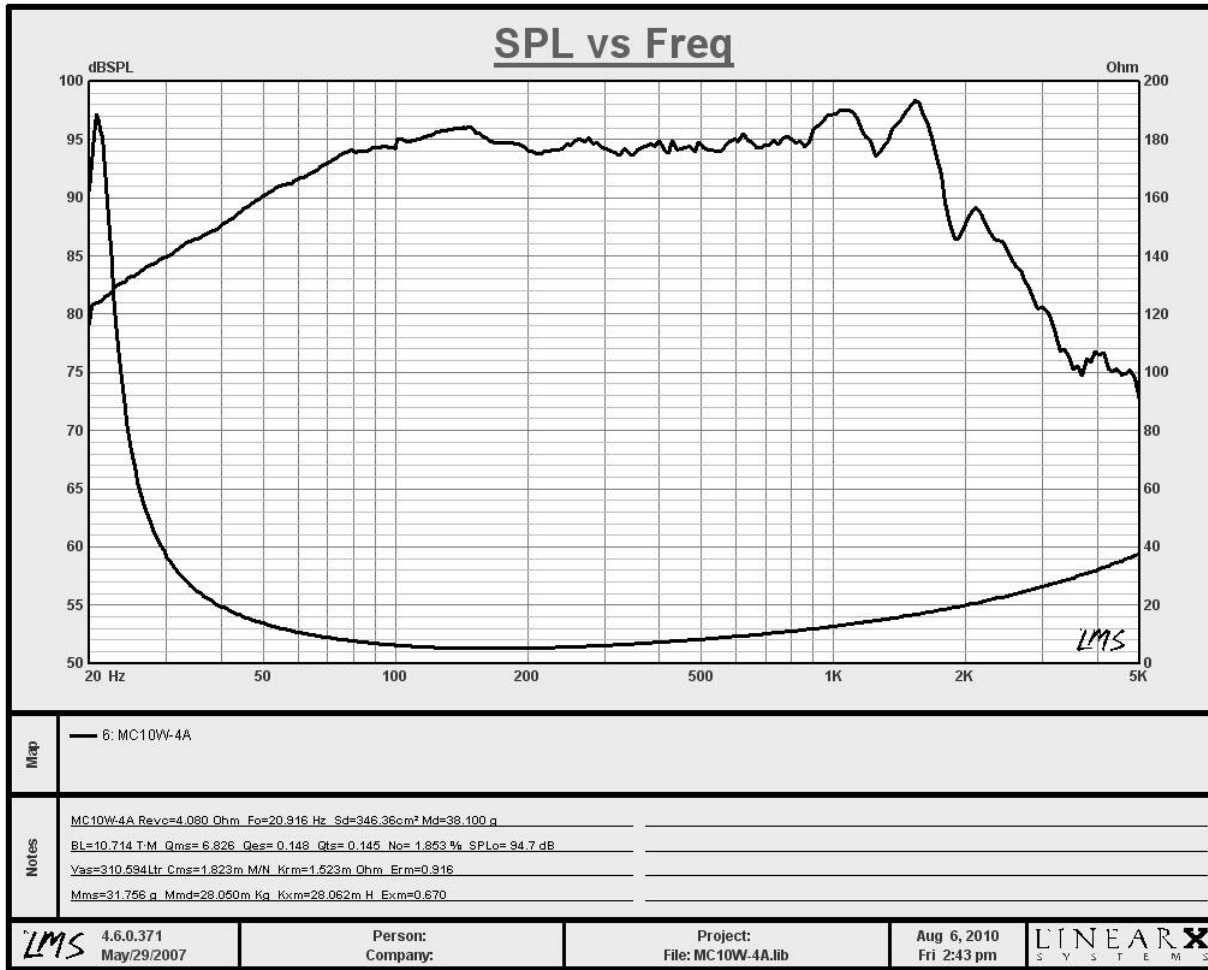
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	21	Hz
D.C. Resistance (Re)	4.0	ohms
Mechanical Q (Qms)	6.8	
Electrical Q (Qes)	0.148	
Total Q (Qts)	0.15	
Compliance Equivalent Volume (Vas)	310.6	ltr
BL Product (BL)	10.7	T-M
Maximum Linear Excursion (Xmax)	5.4	mm
Surface Area of Cone (Sd)	346.0	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	Paper
Cone Edge	Polyether Foam
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	10.1 in.	+/- 0.020"
CD	Cutout Diameter	9.1 in.	+/- 0.020"
MG	Magnet Diameter	4.6 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	9.6 in.	+/- 0.010"
ID	Internal Depth	4.4 in.	+/- 0.025"
FT	Flange Thickness	0.18 in.	+/- 0.050"
NW	Net Weight	2861.0 g	

