

Specification Sheet

Model # RMC10WF-4A



MISCO®

Key Features:

- 10" (250mm), 4 ohm
- Woofer, 75 watts
- Ferrite magnet, black talc filled polypropylene cone with polyether foam surround
- RoHS compliant;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	10.0	inch
	250.0	mm
Rated Impedance	4	ohms
Rated Power	75.0	Watts
Program Power	150	Watts
Frequency Range	20 - 1800	Hz
Sensitivity (2.83 V input measured at 1 Meter)	89	dB SPL
Voice Coil Diameter	1.5 / 38.1	inch / mm
Magnet Weight	28.0 / 795	oz / gr
Transformer		

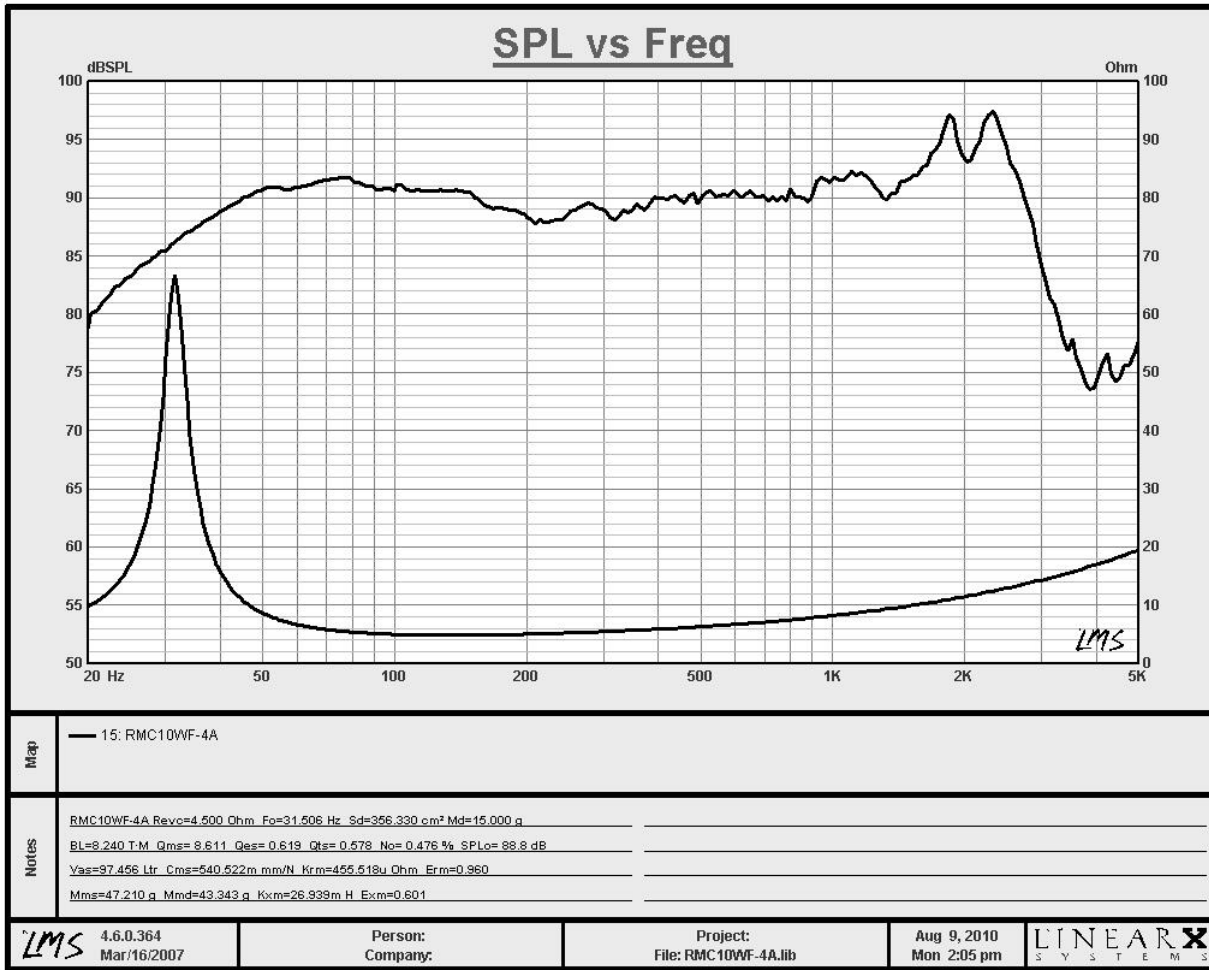
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	32	Hz
D.C. Resistance (Re)	4.0	ohms
Mechanical Q (Qms)	8.6	
Electrical Q (Qes)	0.62	
Total Q (Qts)	0.58	
Compliance Equivalent Volume (Vas)	97.5	ltr
BL Product (BL)	8.2	T-M
Maximum Linear Excursion (Xmax)	6.3	mm
Surface Area of Cone (Sd)	356.0	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	Black Talc Filled Polypropylene
Cone Edge	Polyether Foam
Dust Cap	Plastic

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	10.1 in.	+/- 0.020"
CD	Cutout Diameter	9.0 in.	+/- 0.020"
MG	Magnet Diameter	4.5 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	9.7 in.	+/- 0.010"
ID	Internal Depth	2.8 in.	+/- 0.025"
FT	Flange Thickness	0.21 in.	+/- 0.050"
NW	Net Weight	2738.0 g	

