

# Specification Sheet

Model # MX-69B



## MISCO®

### Key Features:

- 6 X 9" (156 X 230 mm), 4 ohm
- Extended Range Music and Voice, 60 watts
- Ferrite magnet, titanium electroplated polypropylene cone with Santoprene rubber surround;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	6.0 x 9.0	inch
	156.0 x 230.0	mm
Rated Impedance	4	ohms
Rated Power	60.0	Watts
Program Power	120	Watts
Frequency Range	50 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	89	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	12.0 / 341	oz / gr
Transformer		

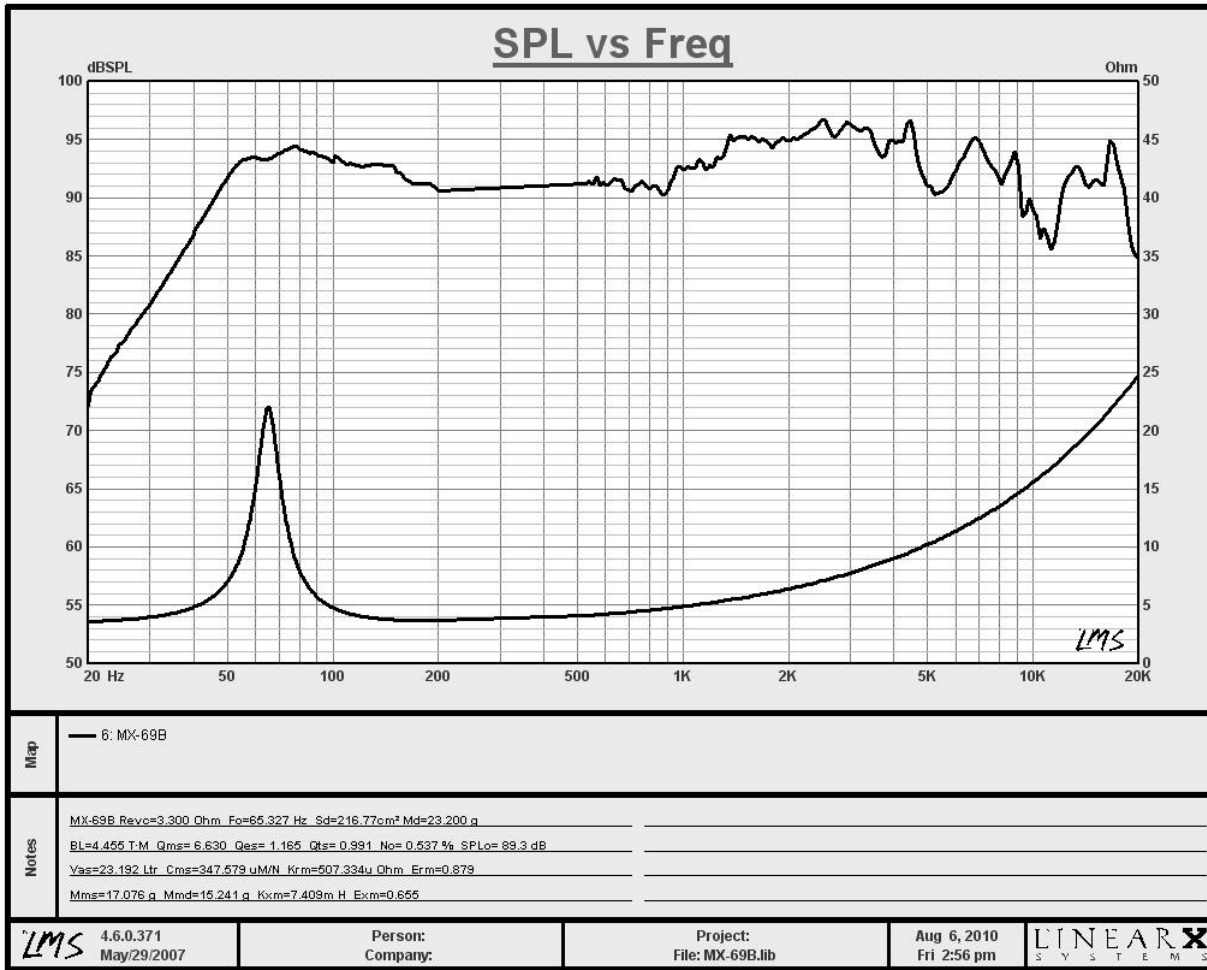
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	65	Hz
D.C. Resistance (Re)	3.3	ohms
Mechanical Q (Qms)	6.6	
Electrical Q (Qes)	1.17	
Total Q (Qts)	0.99	
Compliance Equivalent Volume (Vas)	23.2	ltr
BL Product (BL)	4.5	T-M
Maximum Linear Excursion (Xmax)	4.3	mm
Surface Area of Cone (Sd)	217.0	cm <sup>2</sup>
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	Titanium Electroplated Polypropylene
Cone Edge	Santoprene Rubber
Dust Cap	Felt

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	9.3 in.	+/- 0.020"
CD	Cutout Diameter	8.7 in.	+/- 0.020"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	8.1 in.	+/- 0.010"
ID	Internal Depth	3.2 in.	+/- 0.025"
FT	Flange Thickness	0.15 in.	+/- 0.050"
NW	Net Weight	1118.0 g	

