

# Specification Sheet

Model # MX-46



## MISCO®

### Key Features:

- 4 X 6" (100 X 156mm), 4 ohm
- Extended Range Music and Voice, 40 watts
- Ferrite magnet, titanium electroplated polypropylene cone with natural rubber surround;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.0 x 6.0	inch
	100.0 x 156.0	mm
Rated Impedance	4	ohms
Rated Power	40.0	Watts
Program Power	80	Watts
Frequency Range	70 - 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	10.0 / 284	oz / gr
Transformer		

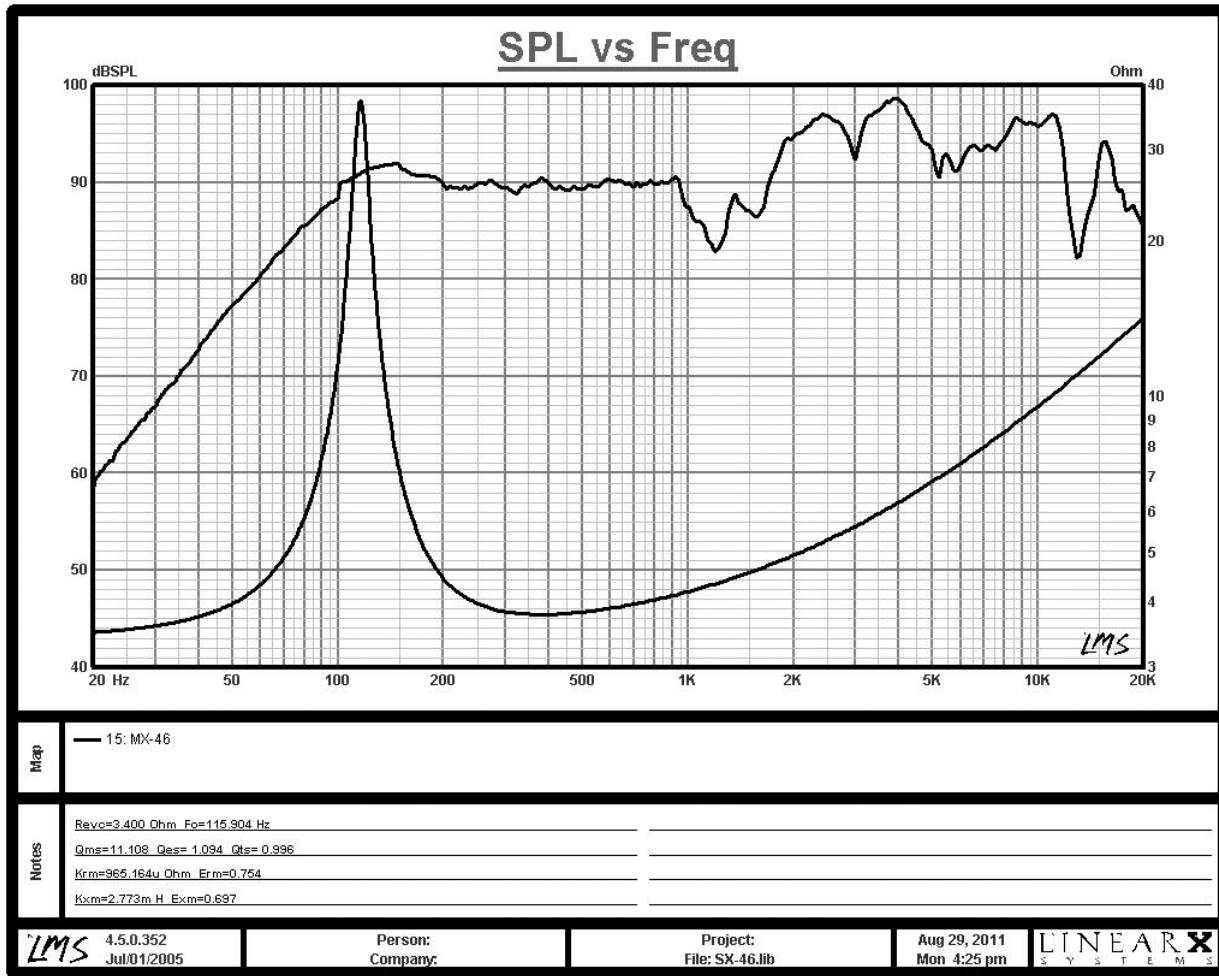
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	80	Hz
D.C. Resistance (Re)	3.9	ohms
Mechanical Q (Qms)	11.1	
Electrical Q (Qes)	1.094	
Total Q (Qts)	1.0	
Compliance Equivalent Volume (Vas)	4.0	ltr
BL Product (BL)	3.7	T-M
Maximum Linear Excursion (Xmax)	0.9	mm
Surface Area of Cone (Sd)	82.0	cm2
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	Apical
Cone	Titanium Electroplated Polypropylene
Cone Edge	Natural Rubber
Dust Cap	#VALUE!

## Sensitivity / Frequency



## Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	6.1 in.	+/- 0.020"
CD	Cutout Diameter	5.0 in.	+/- 0.020"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	3.0 in.	+/- 0.010"
ID	Internal Depth	2.0 in.	+/- 0.025"
FT	Flange Thickness	0.2 in.	+/- 0.050"
NW	Net Weight	849.0 g	

