

Specification Sheet

Model # MX-65



Key Features:

- 6.5" (165mm), 4 ohm
- Extended Range Music and Voice, 40 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	6.5	inch
	165.0	mm
Rated Impedance	4	ohms
Rated Power	40	Watts
Program Power	80	Watts
Frequency Range	30 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	91	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	10.0 / 284	oz / gr

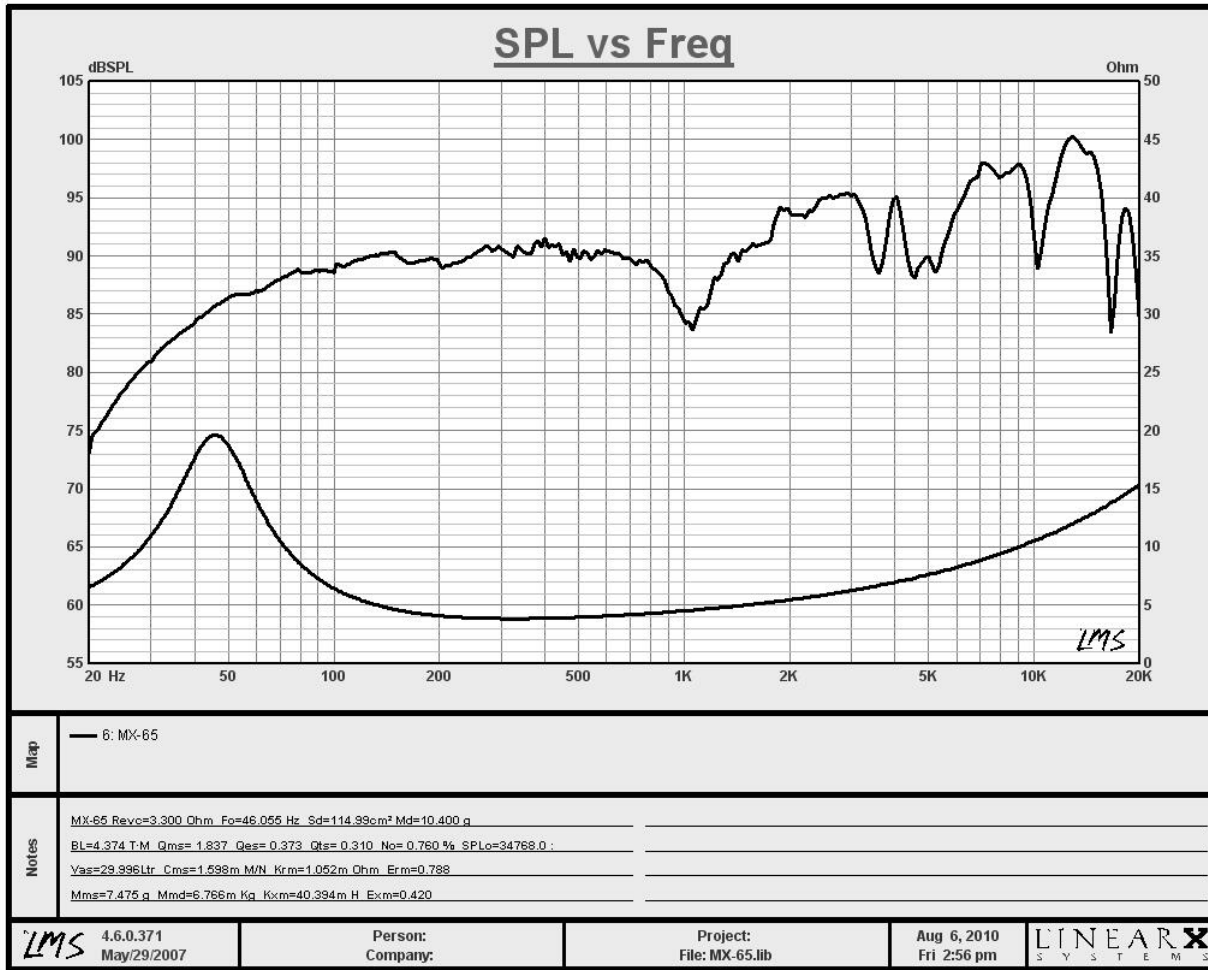
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	46	Hz
D.C. Resistance (Re)	3.3	ohms
Mechanical Q (Qms)	1.8	
Electrical Q (Qes)	0.37	
Total Q (Qts)	0.31	
Compliance Equivalent Volume (Vas)	30.0	ltr
BL Product (BL)	4.4	T-M
Maximum Linear Excursion (Xmax)	2.4	mm
Surface Area of Cone (Sd)	115.0	cm ²

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Titanium Electroplated Polypropylene
Cone Edge	Santoprene Rubber
Dust Cap	Felt

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	7.0 in.	+/- 0.020"
CD	Cutout Diameter	5.2 in.	+/- 0.020"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	5.7 in.	+/- 0.010"
ID	Internal Depth	2.0 in.	+/- 0.025"
FT	Flange Thickness	1.1 in.	+/- 0.050"
NW	Net Weight	972.0 g	

