

# Specification Sheet

Model # LC620W-B



# MISCO®

## Key Features:

- 6.5" (165 mm), 8 ohm
- Extended Range Music and Voice Coax, 50 watt
- Ferrite magnet, Black Talc Filled Polypropylene cone with Santoprene rubber surround;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	6.5	inch
	165.0	mm
Rated Impedance	8	ohms
Rated Power	50.0	Watts
Program Power	100	Watts
Frequency Range	50 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	88	dB SPL
Voice Coil Diameter	1.5 / 38.1	inch / mm
Magnet Weight	20.0 / 568	oz / gr
Transformer		

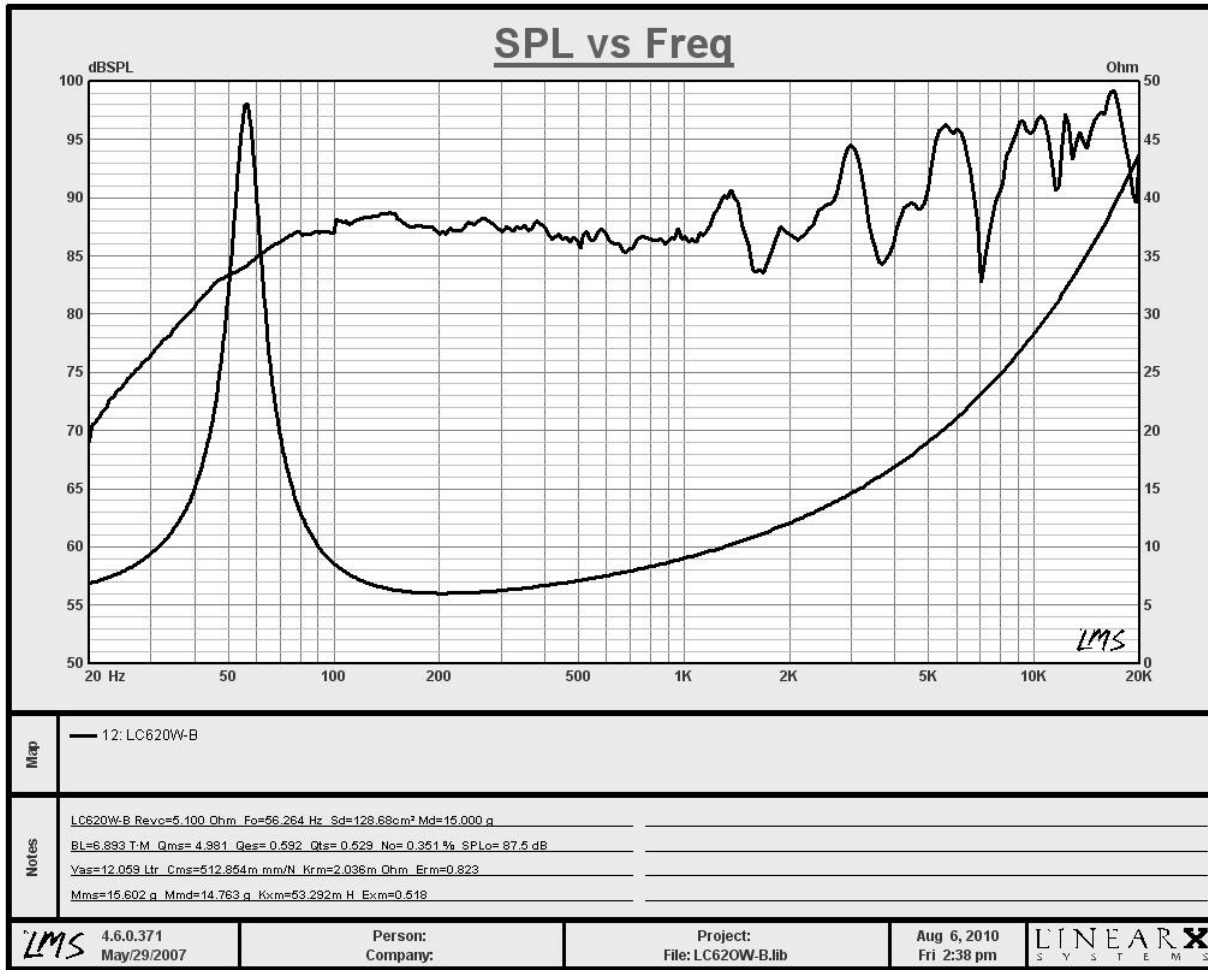
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	56	Hz
D.C. Resistance (Re)	5.3	ohms
Mechanical Q (Qms)	5.0	
Electrical Q (Qes)	0.59	
Total Q (Qts)	0.53	
Compliance Equivalent Volume (Vas)	12.1	ltr
BL Product (BL)	6.9	T-M
Maximum Linear Excursion (Xmax)	2.9	mm
Surface Area of Cone (Sd)	129.0	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	Aluminum
Cone	Black Talc Filled Polypropylene
Cone Edge	Santoprene Rubber
Dust Cap	Plastic

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	6.6 in.	+/- 0.020"
CD	Cutout Diameter	6.3 in.	+/- 0.020"
MG	Magnet Diameter	4.6 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	6.1 in.	+/- 0.010"
ID	Internal Depth	3.7 in.	+/- 0.025"
FT	Flange Thickness	0.6 in.	+/- 0.050"
NW	Net Weight	2308.0 g	

