

Specification Sheet

Model # DT-15B



MISCO®

Key Features:

- 1.5" (40 mm), 8 ohm
- Tweeter, 15 watts
- Neodymium magnet, Titanium Dome with pre-treated black cloth surround
- RoHS Compliant;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	1.5	inch
	40.0	mm
Rated Impedance	8	ohms
Rated Power	15.0	Watts
Program Power	30	Watts
Frequency Range	2000 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	87	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	0.2 / 6	oz / gr
Transformer		

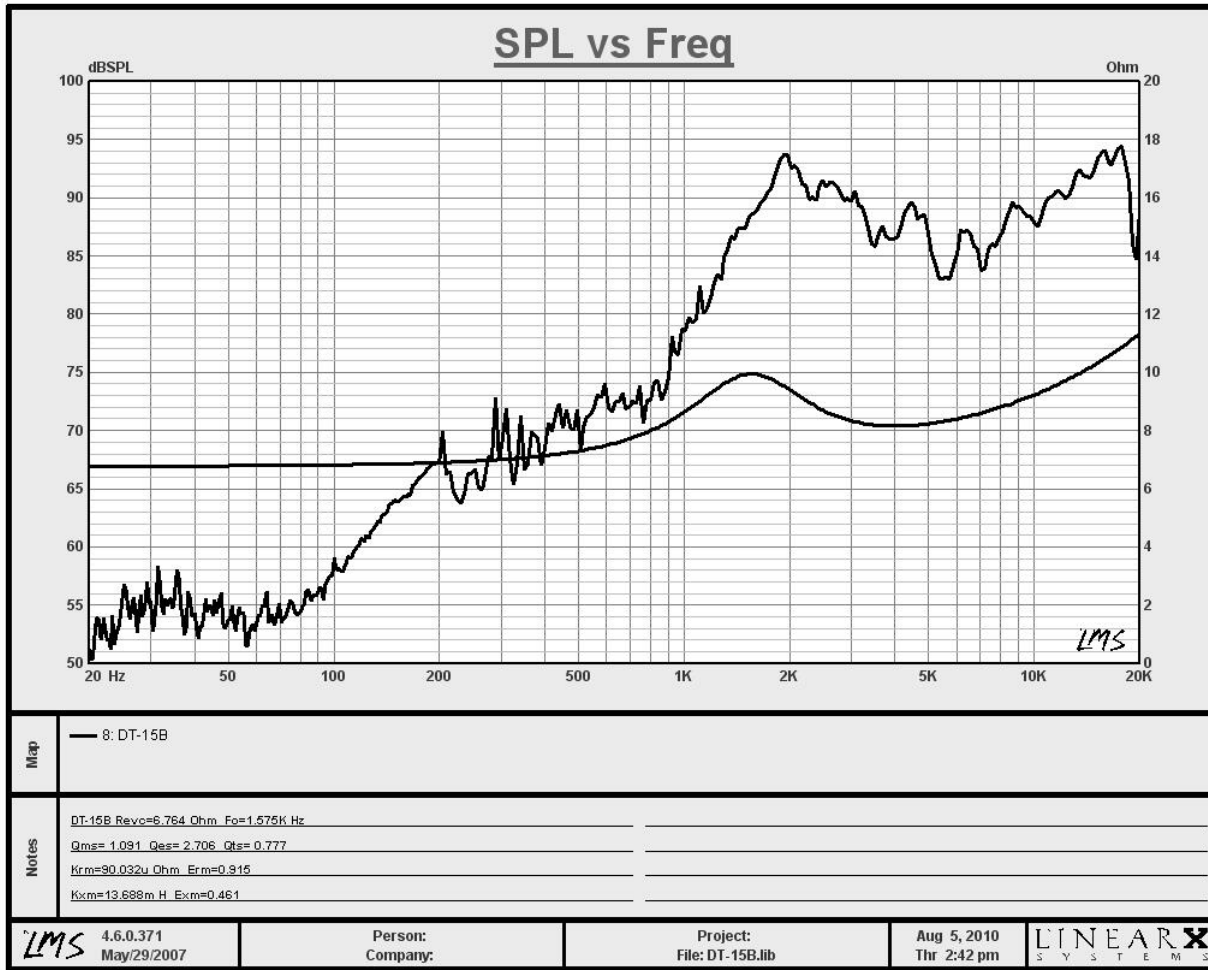
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	1575	Hz
D.C. Resistance (Re)	7.2	ohms
Mechanical Q (Qms)	1.1	
Electrical Q (Qes)	2.71	
Total Q (Qts)	0.78	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)		cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Plastic
Terminal Size	0.1 X 0.02
Magnet	Neodymium
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Titanium Dome
Cone Edge	Pre-treated Black Cloth
Dust Cap	None

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	1.6 in.	+/- 0.020"
CD	Cutout Diameter	1.5 in.	+/- 0.020"
MG	Magnet Diameter	1.0 in.	+/- 0.050"
HD	Hole Diameter	in.	+/- 0.010"
MD	Mounting Diameter	in.	+/- 0.010"
ID	Internal Depth	0.3 in.	+/- 0.025"
FT	Flange Thickness	0.2 in.	+/- 0.050"
NW	Net Weight	31.0 g	

