

Specification Sheet

Model # MC12GB-32A



MISCO®

Key Features:

- 12" (304mm), 32 ohm
- Mid Bass, 75 watts
- Ferrite magnet, paper cone with pre-treated black cloth surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	12.0	inch
	304.0	mm
Rated Impedance	32	ohms
Rated Power	75.0	Watts
Program Power	150	Watts
Frequency Range	30 - 4000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	94	dB SPL
Voice Coil Diameter	1.5 / 38.1	inch / mm
Magnet Weight	28.0 / 795	oz / gr
Transformer		

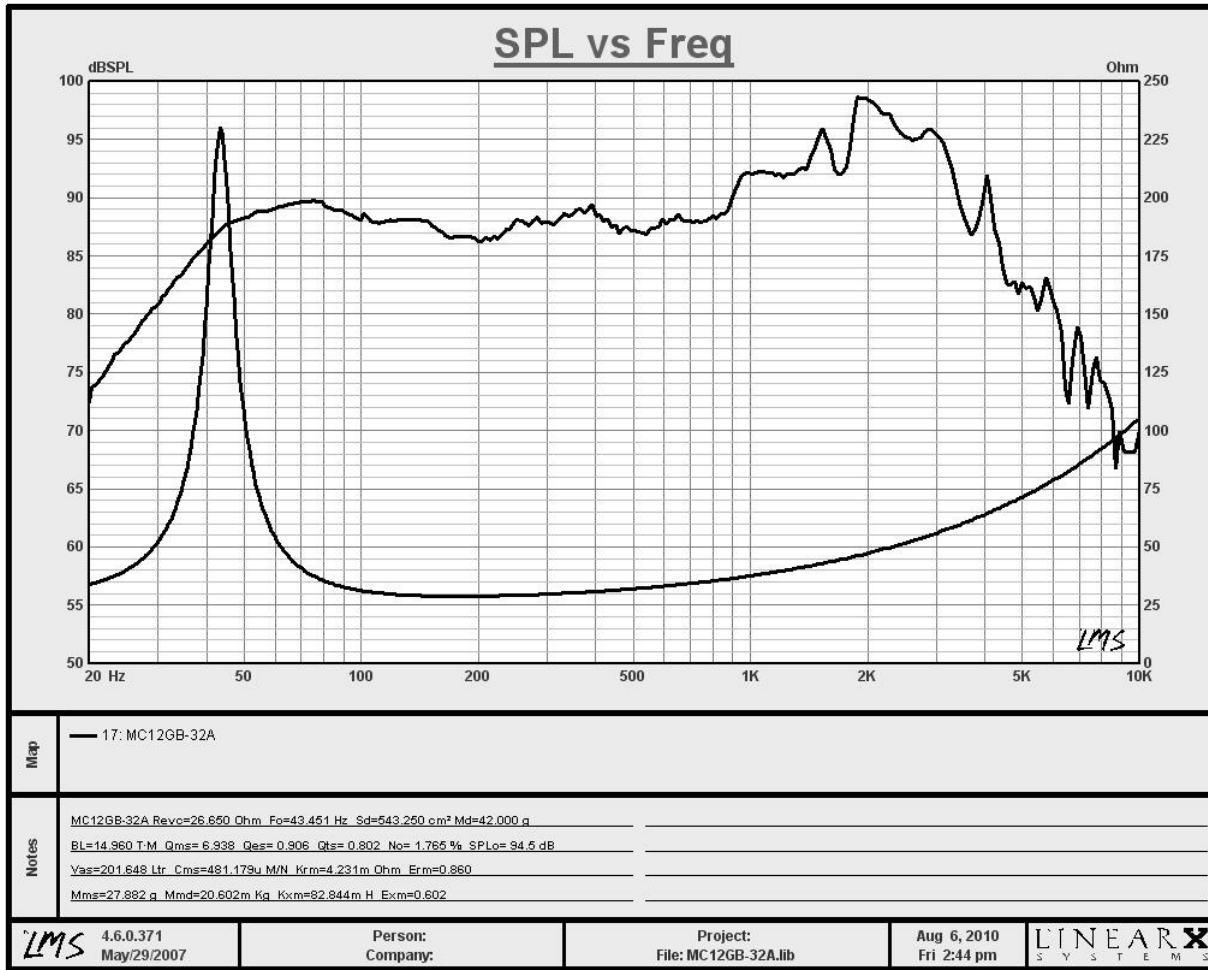
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	43	Hz
D.C. Resistance (Re)	26.7	ohms
Mechanical Q (Qms)	6.9	
Electrical Q (Qes)	0.9	
Total Q (Qts)	0.8	
Compliance Equivalent Volume (Vas)	201.7	ltr
BL Product (BL)	15.0	T-M
Maximum Linear Excursion (Xmax)	5.4	mm
Surface Area of Cone (Sd)	543.0	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	Kapton
Cone	Paper
Cone Edge	Pre-treated Black Cloth
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	12.2 in.	+/- 0.020"
CD	Cutout Diameter	11.1 in.	+/- 0.020"
MG	Magnet Diameter	4.6 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	11.7 in.	+/- 0.010"
ID	Internal Depth	5.3 in.	+/- 0.025"
FT	Flange Thickness	0.23 in.	+/- 0.050"
NW	Net Weight	2952.0 g	

