

Specification Sheet

Model # EC32R-A



MISCO®

Key Features:

- 3.5" (87mm), 8 ohm
- Full Range, 10 watts
- Ferrite magnet, paper cone with polyether foam surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.5	inch
	87.0	mm
Rated Impedance	8	ohms
Rated Power	10.0	Watts
Program Power	20	Watts
Frequency Range	85 - 13000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	88	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	3.0 / 85	oz / gr
Transformer		

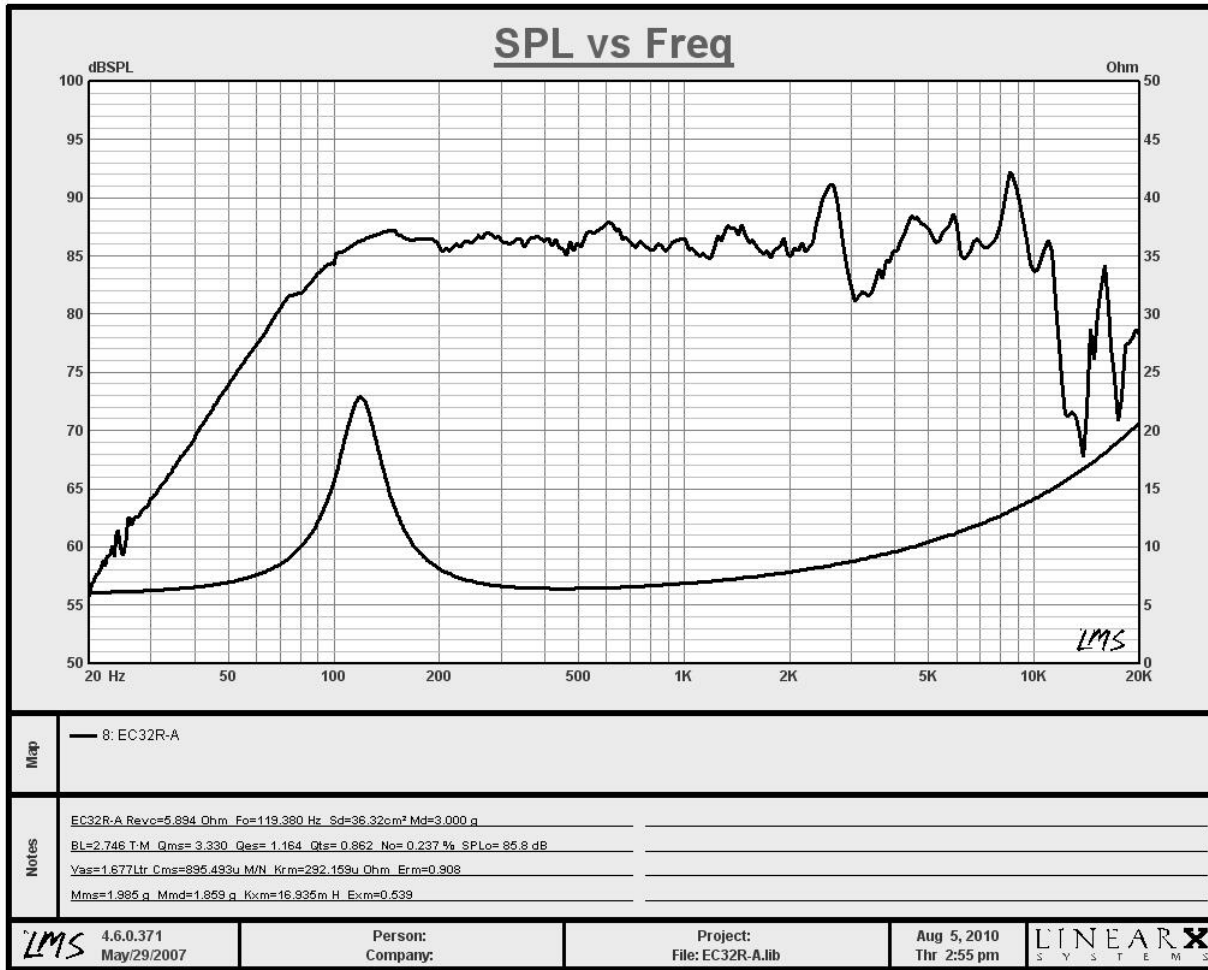
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	119	Hz
D.C. Resistance (Re)	6.0	ohms
Mechanical Q (Qms)	3.3	
Electrical Q (Qes)	1.16	
Total Q (Qts)	0.86	
Compliance Equivalent Volume (Vas)	1.7	ltr
BL Product (BL)	2.8	T-M
Maximum Linear Excursion (Xmax)	0.4	mm
Surface Area of Cone (Sd)	36.0	cm ²
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	Paper
Cone Edge	Polyether Foam
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	3.4 in.	+/- 0.020"
CD	Cutout Diameter	3.0 in.	+/- 0.020"
MG	Magnet Diameter	2.4 in.	+/- 0.050"
HD	Hole Diameter	0.4 in.	+/- 0.010"
MD	Mounting Diameter	3.9 in.	+/- 0.010"
ID	Internal Depth	1.4 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	310.0 g	

