

Specification Sheet

Model # EC32PEI-4A



MISCO®

Key Features:

- 3.5" (87 mm), 4 ohm
- Voice Range, 10 watt
- Ferrite magnet, PEI Film cone;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.5	inch
	87.0	mm
Rated Impedance	4	ohms
Rated Power	10.0	Watts
Program Power	20	Watts
Frequency Range	300 - 3000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	87	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	3.0 / 85	oz / gr
Transformer		

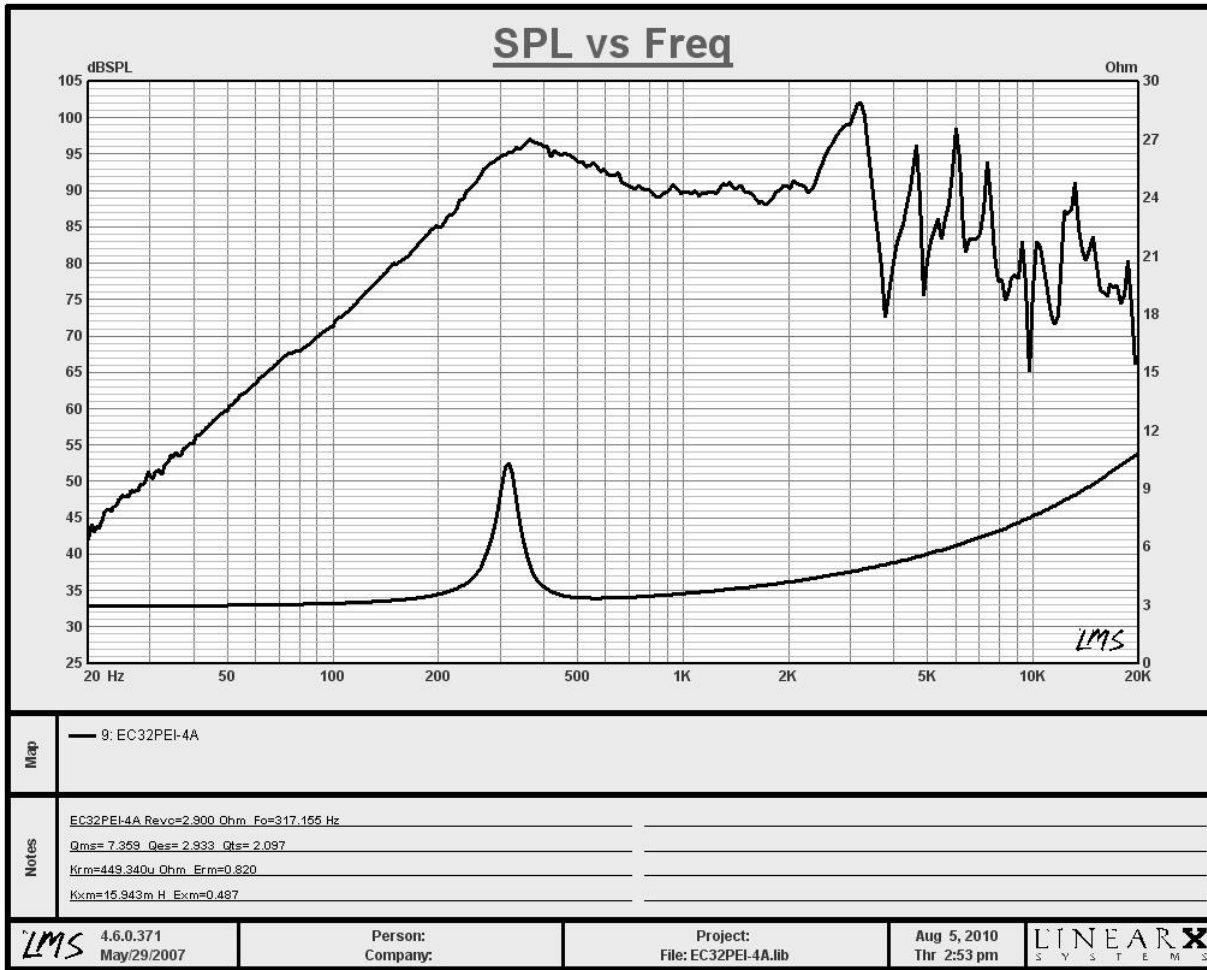
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	317	Hz
D.C. Resistance (Re)	2.9	ohms
Mechanical Q (Qms)	7.4	
Electrical Q (Qes)	2.9	
Total Q (Qts)	2.1	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	0.0	mm
Surface Area of Cone (Sd)		cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.19 x 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	PEI Film
Cone Edge	PEI Film
Dust Cap	PEI Film

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	3.5 in.	+/- 0.020"
CD	Cutout Diameter	3.1 in.	+/- 0.020"
MG	Magnet Diameter	2.3 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	3.9 in.	+/- 0.010"
ID	Internal Depth	1.3 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	303.0 g	

