

Specification Sheet

Model # EC4S-4A



MISCO®

Key Features:

- 4" (100 mm), 4 ohm
- Full Range, 10 watts
- Ferrite magnet, flame retardant paper cone;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.0	inch
	100.0	mm
Rated Impedance	4	ohms
Rated Power	10.0	Watts
Program Power	20	Watts
Frequency Range	120 - 15000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	92	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	3.0 / 85	oz / gr
Transformer		

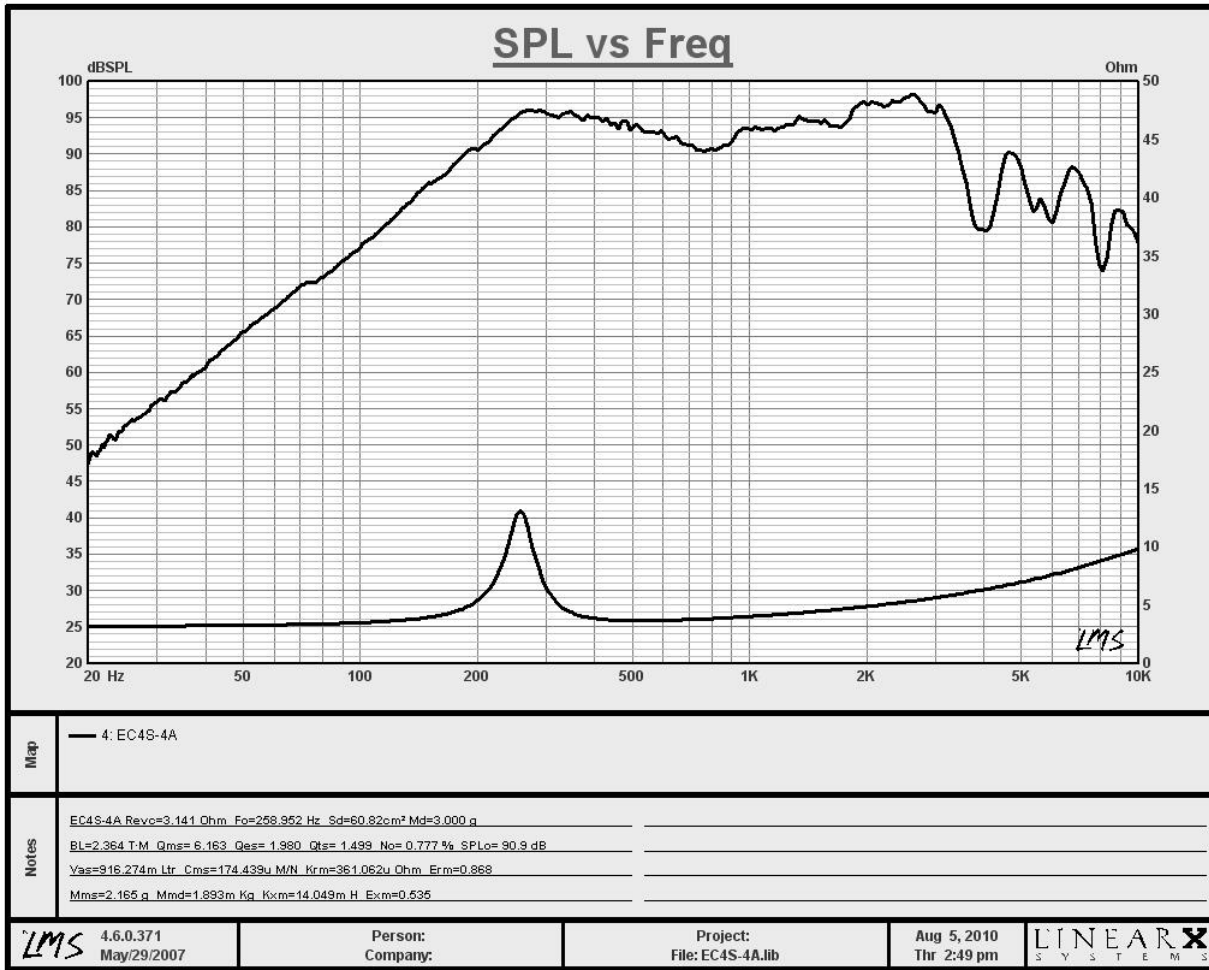
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	259	Hz
D.C. Resistance (Re)	3.0	ohms
Mechanical Q (Qms)	6.2	
Electrical Q (Qes)	1.98	
Total Q (Qts)	1.5	
Compliance Equivalent Volume (Vas)	0.9	ltr
BL Product (BL)	2.4	T-M
Maximum Linear Excursion (Xmax)	0.2	mm
Surface Area of Cone (Sd)	61.0	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	Flame Retardant Paper
Cone Edge	Flame Retardant Paper
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.1 in.	+/- 0.020"
CD	Cutout Diameter	3.8 in.	+/- 0.020"
MG	Magnet Diameter	2.4 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	4.7 in.	+/- 0.010"
ID	Internal Depth	1.4 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	325.0 g	

