

Specification Sheet

Model # 94ON08-1C



MISCO®

Key Features:

- 3.5 X 1.6" (40 X 90mm), 8 ohm
- Full Range, 2 watts
- Insulated tinsel leads for higher excursion
- Neodymium magnet, Composite cone with rubber surround
- RoHS compliant

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.5 x 1.6	inch
	40.0 x 90.0	mm
Rated Impedance	8	ohms
Rated Power	2.0	Watts
Program Power	3	Watts
Frequency Range	100-19000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	82	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	0.5 / 13	oz / gr
Transformer		

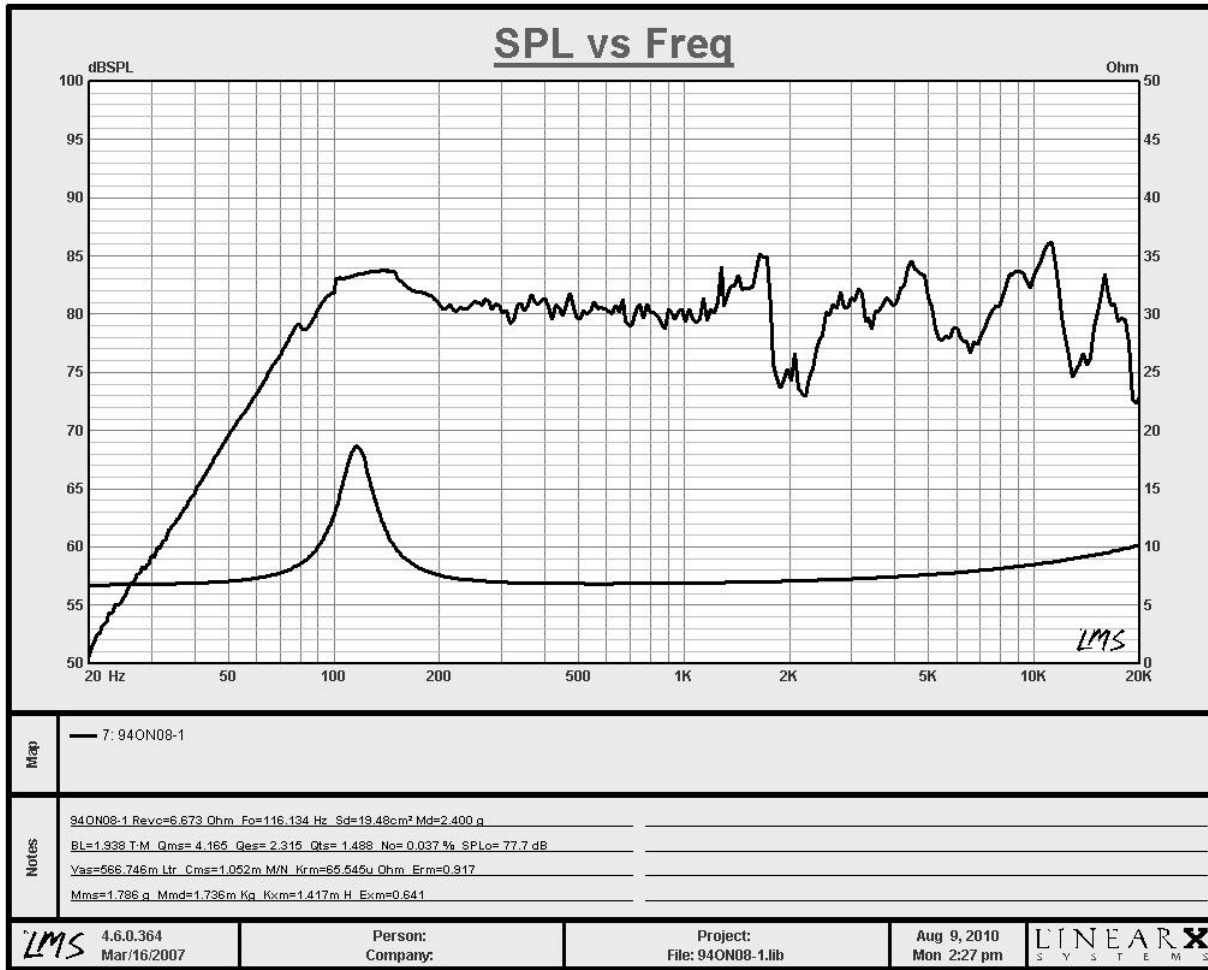
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	115	Hz
D.C. Resistance (Re)	6.7	ohms
Mechanical Q (Qms)	4.2	
Electrical Q (Qes)	2.32	
Total Q (Qts)	1.49	
Compliance Equivalent Volume (Vas)	0.6	ltr
BL Product (BL)	1.9	T-M
Maximum Linear Excursion (Xmax)	0.1	mm
Surface Area of Cone (Sd)	19.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Plastic
Terminal Size	0.110 X 0.02
Magnet	Neodymium
Voice Coil Wire	Copper
Voice Coil Form	Kapton
Cone	Composite
Cone Edge	Rubber
Dust Cap	None

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	3.5 in.	+/- 0.020"
CD	Cutout Diameter	3.4 in.	+/- 0.020"
MG	Magnet Diameter	1.4 in.	+/- 0.050"
HD	Hole Diameter	0.1 in.	+/- 0.010"
MD	Mounting Diameter	3.2 in.	+/- 0.010"
ID	Internal Depth	0.4 in.	+/- 0.025"
FT	Flange Thickness	0.19 in.	+/- 0.050"
NW	Net Weight	53.0 g	

