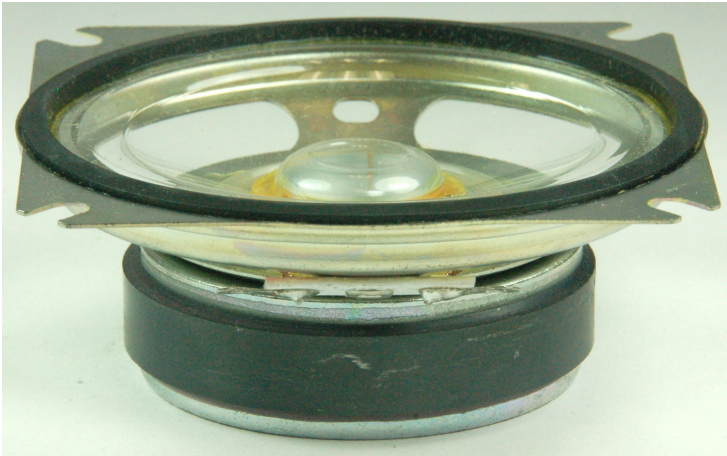


Specification Sheet

Model # 87SF08M-1



MISCO®

Key Features:

- 3.5" (87mm), 8 ohm
- Voice Range, 4 watts
- Ferrite magnet, Mylar cone with Mylar surround
- RoHS compliant

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.5	inch
	87.0	mm
Rated Impedance	8	ohms
Rated Power	4.0	Watts
Program Power	10	Watts
Frequency Range	500 - 7000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	90	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	3.5 / 99	oz / gr
Transformer		

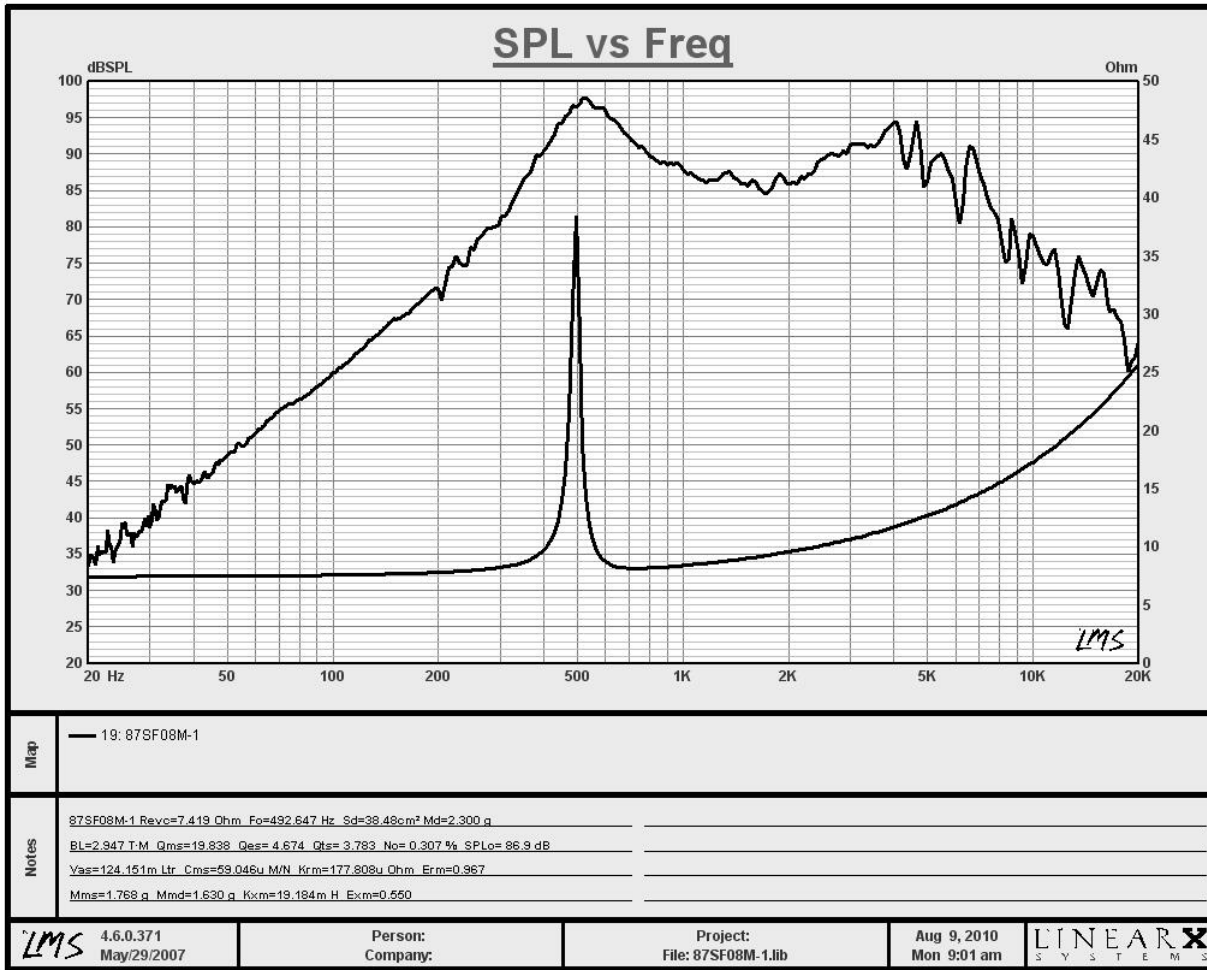
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	493	Hz
D.C. Resistance (Re)	7.4	ohms
Mechanical Q (Qms)	19.8	
Electrical Q (Qes)	4.67	
Total Q (Qts)	3.78	
Compliance Equivalent Volume (Vas)	0.1	ltr
BL Product (BL)	3.0	T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)	38.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.110 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Mylar
Cone Edge	Mylar
Dust Cap	Mylar

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	3.4 in.	+/- 0.020"
CD	Cutout Diameter	3.1 in.	+/- 0.020"
MG	Magnet Diameter	2.3 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	3.9 in.	+/- 0.010"
ID	Internal Depth	1.15 in.	+/- 0.025"
FT	Flange Thickness	0.15 in.	+/- 0.050"
NW	Net Weight	311.0 g	

