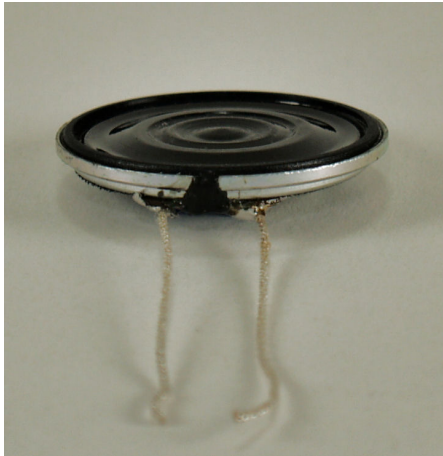


# Specification Sheet

Model # 28RN08M-1



# MISCO®

## Key Features:

- 1.1" (28 mm), 8 ohm
- Voice Range, 500 milliwatts
- Neodymium magnet, Mylar cone
- RoHS Compliant;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	Yes

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	1.1	inch
	28.0	mm
Rated Impedance	8	ohms
Rated Power	0.5	Watts
Program Power	1	Watts
Frequency Range	650 - 6000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	80	dB SPL
Voice Coil Diameter	0.5 / 12.7	inch / mm
Magnet Weight	0.1 / 1	oz / gr
Transformer		

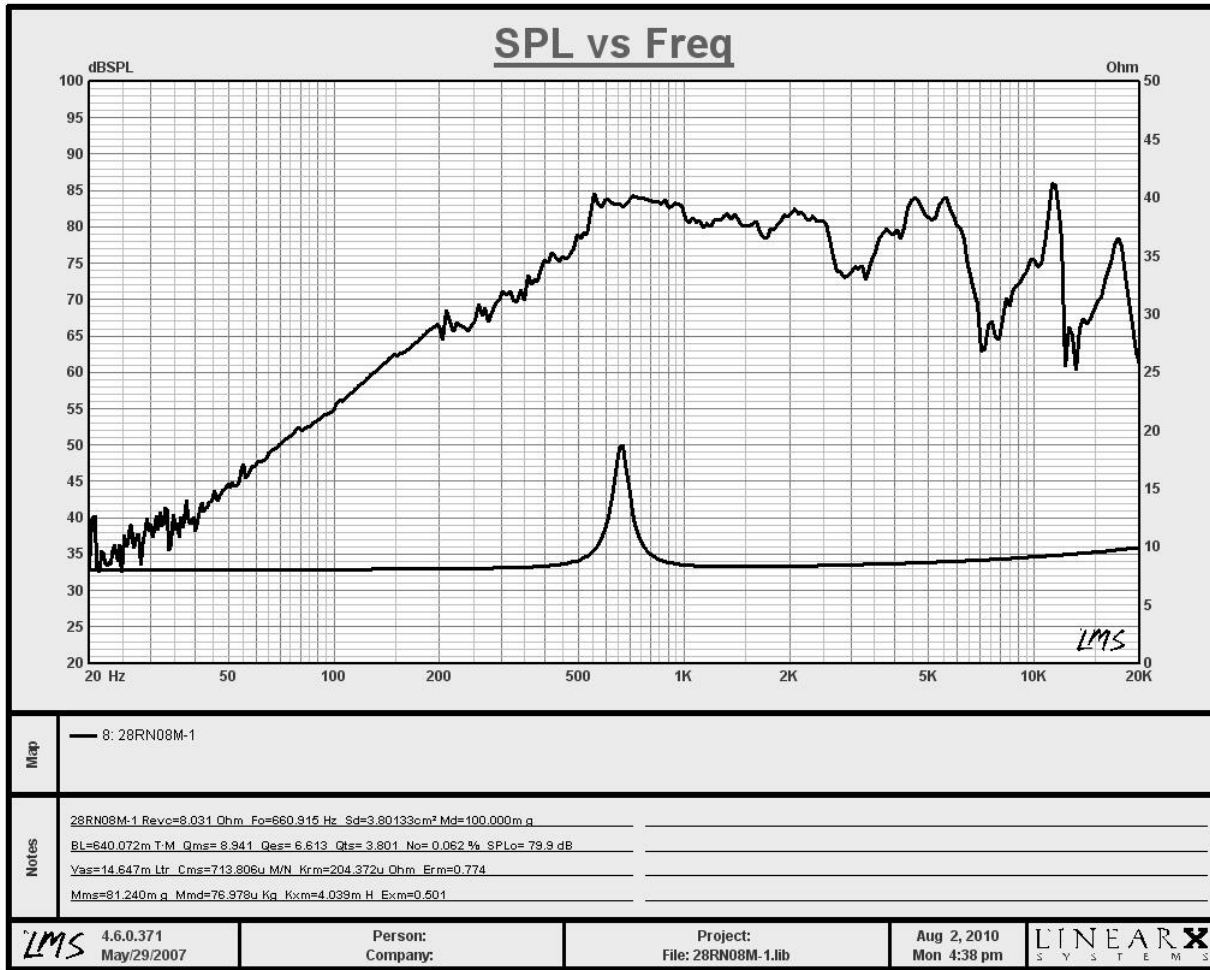
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	650	Hz
D.C. Resistance (Re)	7.9	ohms
Mechanical Q (Qms)	8.8	
Electrical Q (Qes)	6.51	
Total Q (Qts)	3.74	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)		cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	SOLDER PADS/ ATTACHED LEADS
Magnet	Neodymium
Voice Coil Wire	Copper
Voice Coil Form	Paper
Cone	Mylar
Cone Edge	Mylar
Dust Cap	Mylar

## Sensitivity / Frequency



## Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	1.1 in.	+/- 0.020"
CD	Cutout Diameter	1.0 in.	+/- 0.020"
MG	Magnet Diameter	0.6 in.	+/- 0.050"
HD	Hole Diameter	in.	+/- 0.010"
MD	Mounting Diameter	in.	+/- 0.010"
ID	Internal Depth	0.1 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	7.0 g	

