

# Specification Sheet

Model # 40RN08M-1



## Key Features:

- 1.6" (40mm), 8 ohm
- Voice Range, 1 watt
- 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	1.6	inch
	40.0	mm
Rated Impedance	8	ohms
Rated Power	1	Watts
Program Power	2	Watts
Frequency Range	350 - 6000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	81	dB SPL
Voice Coil Diameter	0.6 / 15.2	inch / mm
Magnet Weight	0.1 / 3	oz / gr

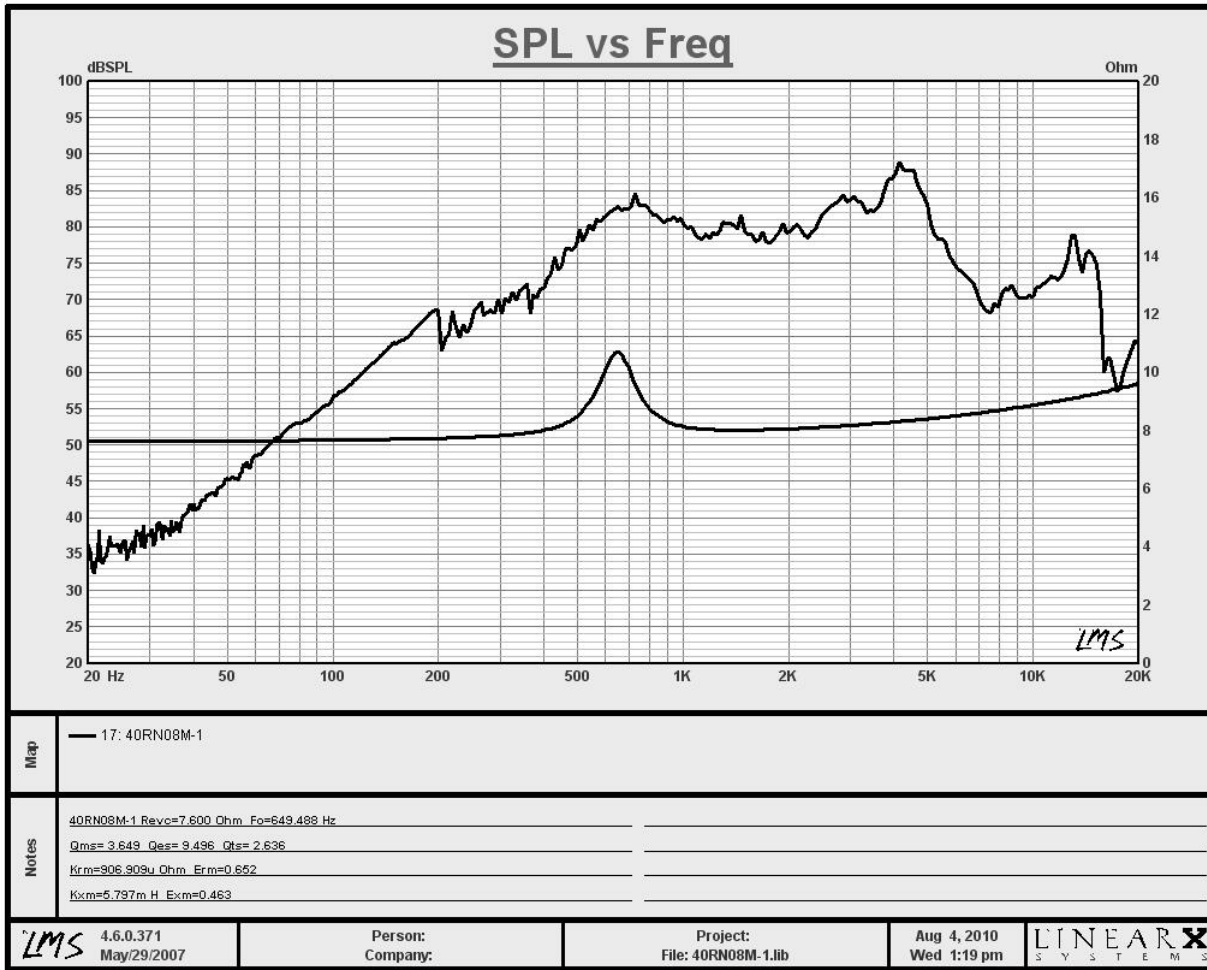
### Small Signal Parameters

	Units of Measure
Resonant Frequency (fo)	660 Hz
D.C. Resistance (Re)	7.6 ohms
Mechanical Q (Qms)	3.7
Electrical Q (Qes)	9.66
Total Q (Qts)	2.68
Compliance Equivalent Volume (Vas)	ltr
BL Product (BL)	T-M
Maximum Linear Excursion (Xmax)	mm
Surface Area of Cone (Sd)	cm <sup>2</sup>

### Material Descriptions

Basket	Stamped Steel
Terminal Size	SOLDER PADS
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	1.6 in.	+/- 0.020"
CD	Cutout Diameter	1.4 in.	+/- 0.020"
MG	Magnet Diameter	0.67 in.	+/- 0.050"
HD	Hole Diameter	in.	+/- 0.010"
MD	Mounting Diameter	in.	+/- 0.010"
ID	Internal Depth	0.13 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	9.0 g	

