

Specification Sheet

Model # 66RA16M-1



Key Features:

- 2.5" (66mm), 16 ohm
- Voice Range, 1 watt
- Alnico magnet, Mylar cone
- RoHS compliant;



Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	2.5	inch
	66.0	mm
Rated Impedance	16	ohms
Rated Power	1	Watts
Program Power	2	Watts
Frequency Range	380 - 9000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	86	dB SPL
Voice Coil Diameter	0.6 / 15.2	inch / mm
Magnet Weight	0.4 / 10	oz / gr

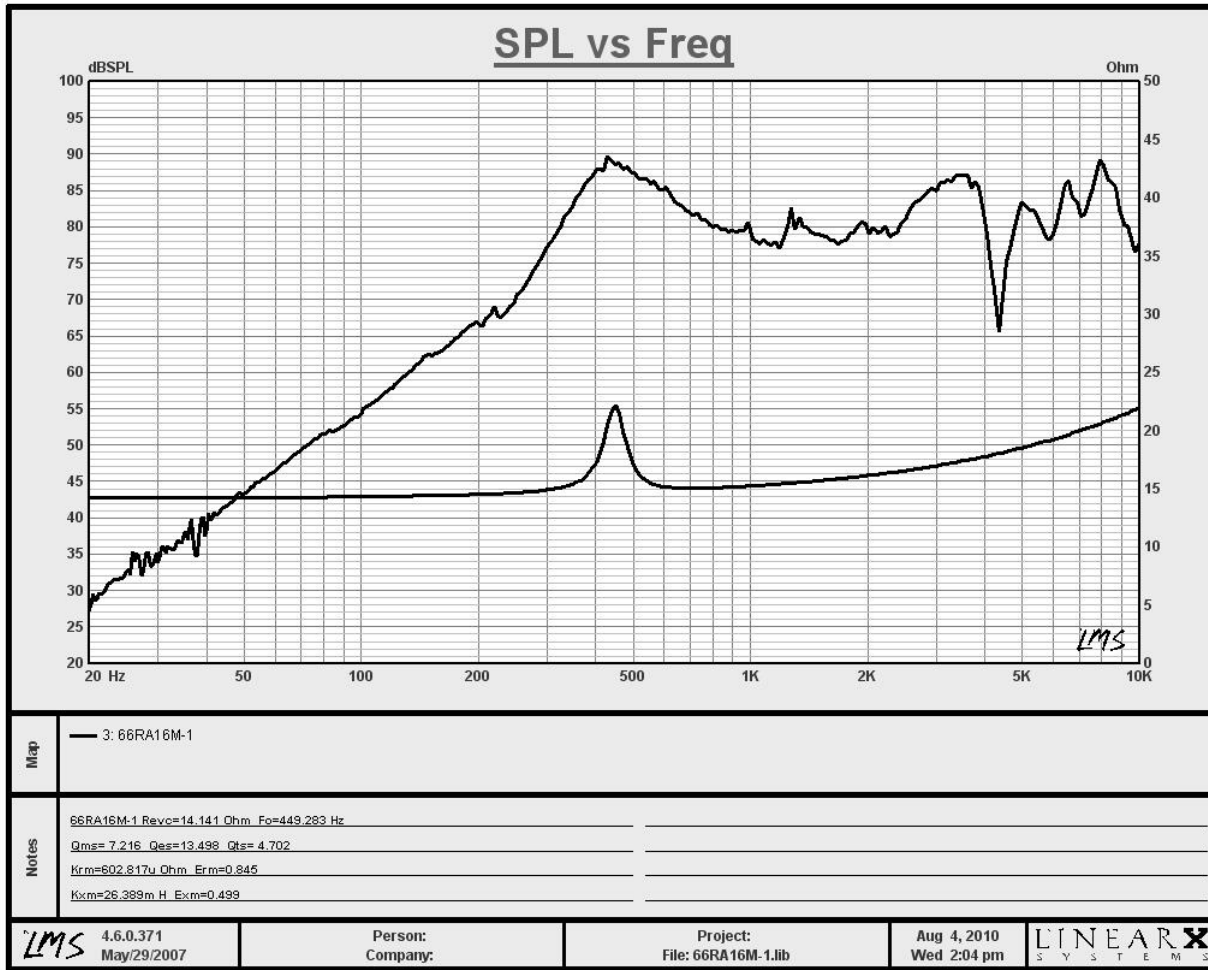
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	380	Hz
D.C. Resistance (Re)	14.7	ohms
Mechanical Q (Qms)	6.1	
Electrical Q (Qes)	11.43	
Total Q (Qts)	3.98	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)		cm ²

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.12 X 0.02
Magnet	Alnico
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	2.6 in.	+/- 0.020"
CD	Cutout Diameter	2.4 in.	+/- 0.020"
MG	Magnet Diameter	0.9 in.	+/- 0.050"
HD	Hole Diameter	in.	+/- 0.010"
MD	Mounting Diameter	in.	+/- 0.010"
ID	Internal Depth	0.8 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	45.0 g	

