

# Specification Sheet

Model # R74OA08-1



# MISCO®

## Key Features:

- 1.5 X 2.8" (41 X 71mm), 8 ohms
- Full Range, 2 watts
- Alnico magnet, paper cone with pre-treated black cloth surround
- RoHS compliant;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	1.5 x 2.8	inch
	41.0 x 71.0	mm
Rated Impedance	8	ohms
Rated Power	2.0	Watts
Program Power	4	Watts
Frequency Range	250 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	84	dB SPL
Voice Coil Diameter	0.5 / 12.7	inch / mm
Magnet Weight	0.4 / 10	oz / gr
Transformer		

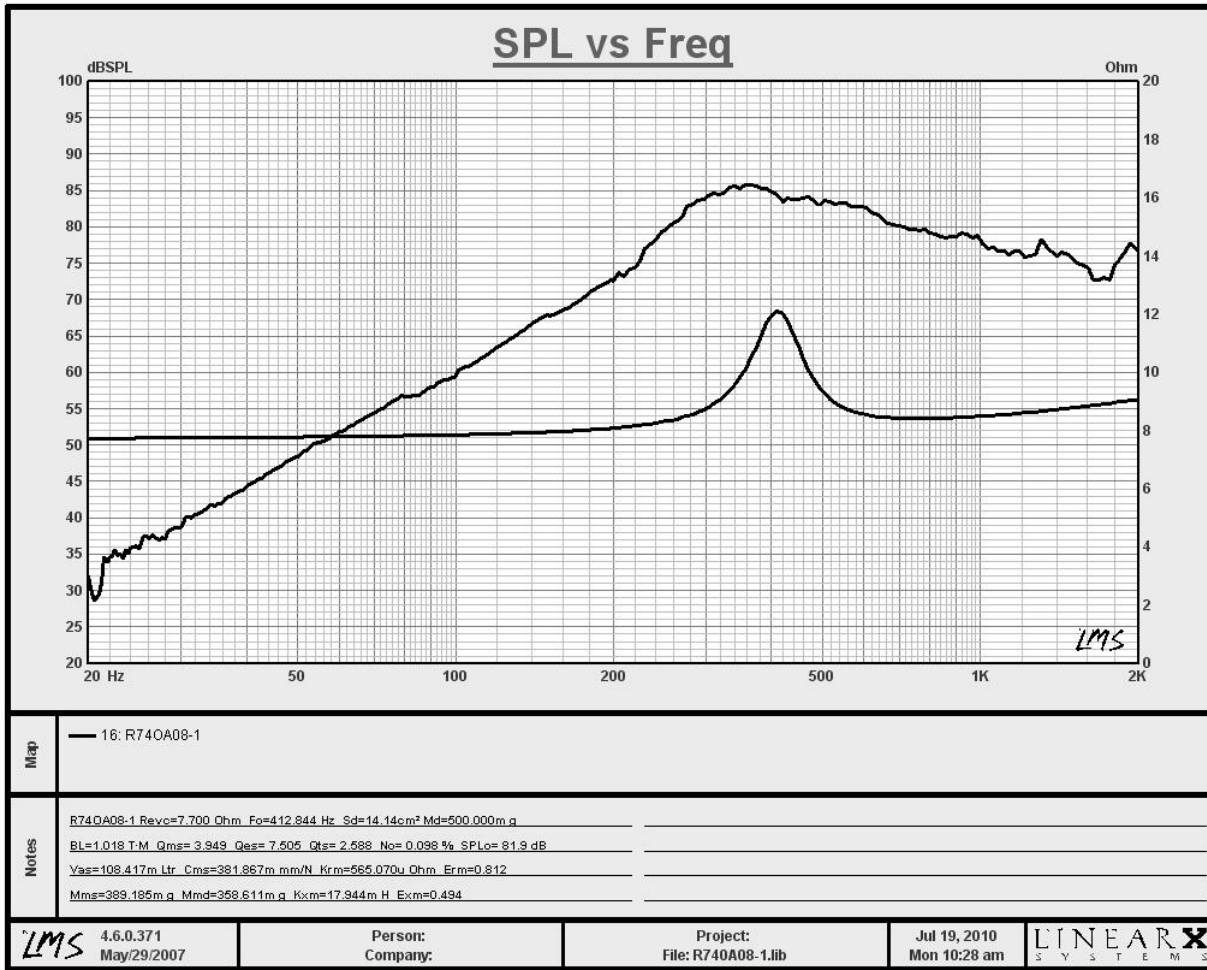
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	413	Hz
D.C. Resistance (Re)	8.1	ohms
Mechanical Q (Qms)	3.9	
Electrical Q (Qes)	7.51	
Total Q (Qts)	2.59	
Compliance Equivalent Volume (Vas)	0.1	ltr
BL Product (BL)	1.0	T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)	14.0	cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.110 X 0.02
Magnet	Alnico
Voice Coil Wire	Copper
Voice Coil Form	Paper
Cone	Paper
Cone Edge	Pre-treated Black Cloth
Dust Cap	Paper

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	2.8 in.	+/- 0.020"
CD	Cutout Diameter	2.6 in.	+/- 0.020"
MG	Magnet Diameter	0.9 in.	+/- 0.050"
HD	Hole Diameter	0.14 in.	+/- 0.010"
MD	Mounting Diameter	1.3 in.	+/- 0.010"
ID	Internal Depth	1.1 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	51.0 g	

