

# Specification Sheet

Model # A13S



## Key Features:

- 1.7" X 3.0" (43 X 77mm), 8 ohm
- Voice Range, 3 watts
- Alnico magnet, paper cone with paper surround;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	1.7 x 3.0	inch
	44.0 x 77.0	mm
Rated Impedance	8	ohms
Rated Power	3	Watts
Program Power	6	Watts
Frequency Range	450 - 8000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	83	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	0.5 / 15	oz / gr

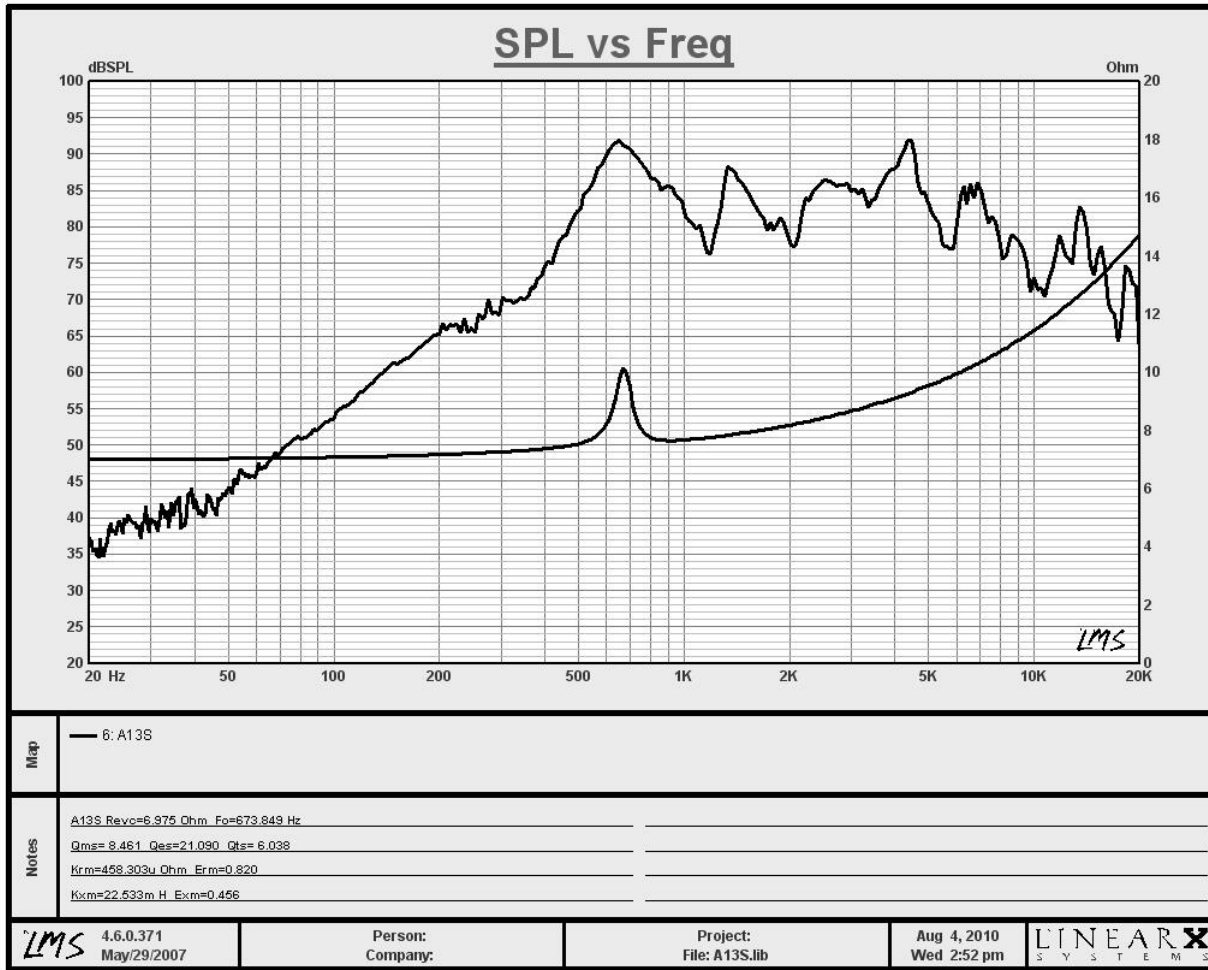
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	674	Hz
D.C. Resistance (Re)	7.3	ohms
Mechanical Q (Qms)	8.46	
Electrical Q (Qes)	21.09	
Total Q (Qts)	6.04	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	0.5	mm
Surface Area of Cone (Sd)		cm <sup>2</sup>

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.12 X 0.02
Magnet	Alnico
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Paper
Cone Edge	Paper
Dust Cap	Paper

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	3.0 in.	+/- 0.020"
CD	Cutout Diameter	2.8 in.	+/- 0.020"
MG	Magnet Diameter	0.9 in.	+/- 0.050"
HD	Hole Diameter	0.13 in.	+/- 0.010"
MD	Mounting Diameter	1.4 in.	+/- 0.010"
ID	Internal Depth	0.8 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	58.0 g	

