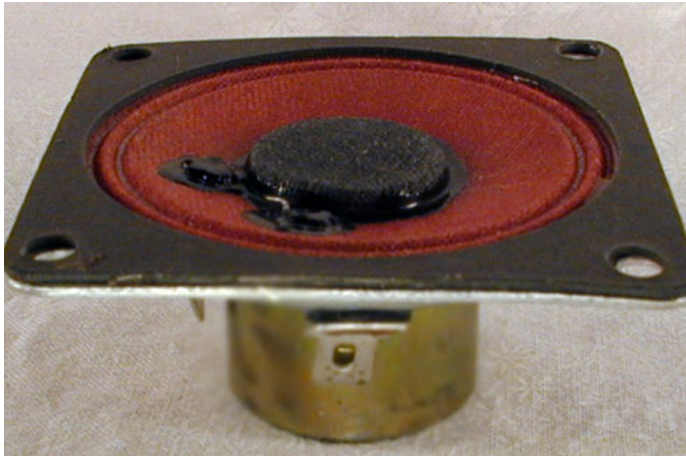


# Specification Sheet

Model # A2WI



## MISCO®

### Key Features:

- 2" (50mm), 8 ohm
- Voice Range, 3 watts
- Alnico magnet, red acrylic treated cloth cone;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	2.0	inch
	50.0	mm
Rated Impedance	8	ohms
Rated Power	3.0	Watts
Program Power	6	Watts
Frequency Range	475 - 4500	Hz
Sensitivity (2.83 V input measured at 1 Meter)	82	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	0.5 / 15	oz / gr
Transformer		

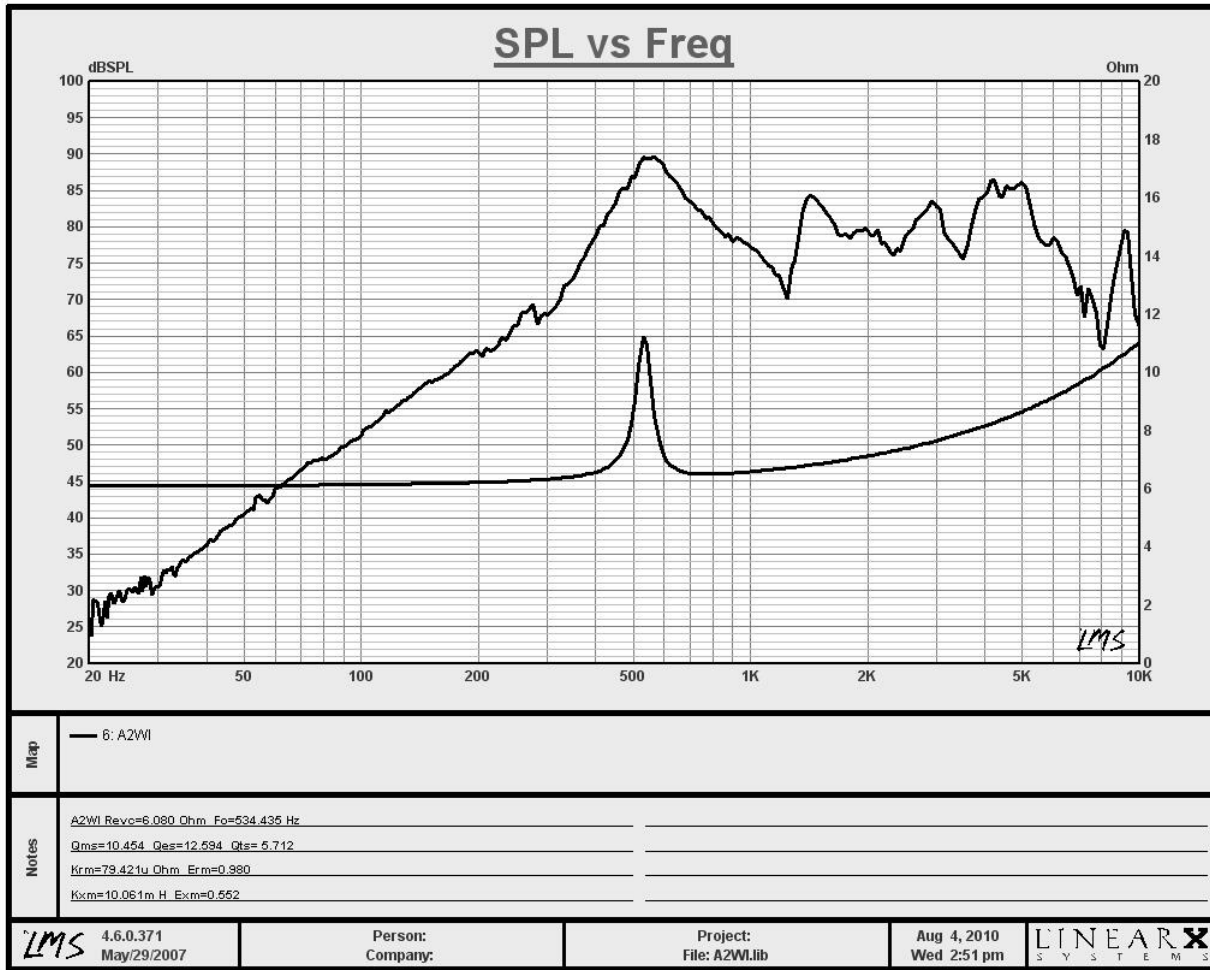
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	534	Hz
D.C. Resistance (Re)	6.0	ohms
Mechanical Q (Qms)	10.5	
Electrical Q (Qes)	12.59	
Total Q (Qts)	5.71	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	0.7	mm
Surface Area of Cone (Sd)		cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.19 X 0.02
Magnet	Alnico
Voice Coil Wire	Copper
Voice Coil Form	Kapton
Cone	Red Acrylic Treated Cloth
Cone Edge	Red Acrylic Treated Cloth
Dust Cap	Black Cloth

## Sensitivity / Frequency



## Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	2.0 in.	+/- 0.020"
CD	Cutout Diameter	1.8 in.	+/- 0.020"
MG	Magnet Diameter	0.9 in.	+/- 0.050"
HD	Hole Diameter	0.16 in.	+/- 0.010"
MD	Mounting Diameter	2.4 in.	+/- 0.010"
ID	Internal Depth	0.8 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	56.0 g	

