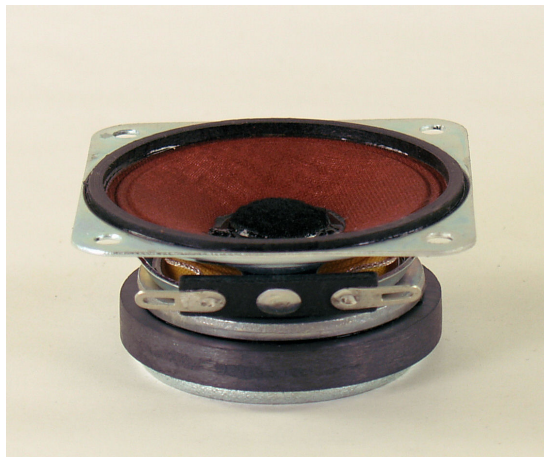


# Specification Sheet

Model # RDC22WI



## MISCO®

### Key Features:

- 2.5" (66mm), 8 ohm
- Voice Range, 4 watts
- Ferrite magnet, red acrylic treated cloth 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	8	ohms
Rated Power	4.0	Watts
Program Power	8	Watts
Frequency Range	350 - 4500	Hz
Sensitivity (2.83 V input measured at 1 Meter)	88	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	2.4 / 68	oz / gr
Transformer		

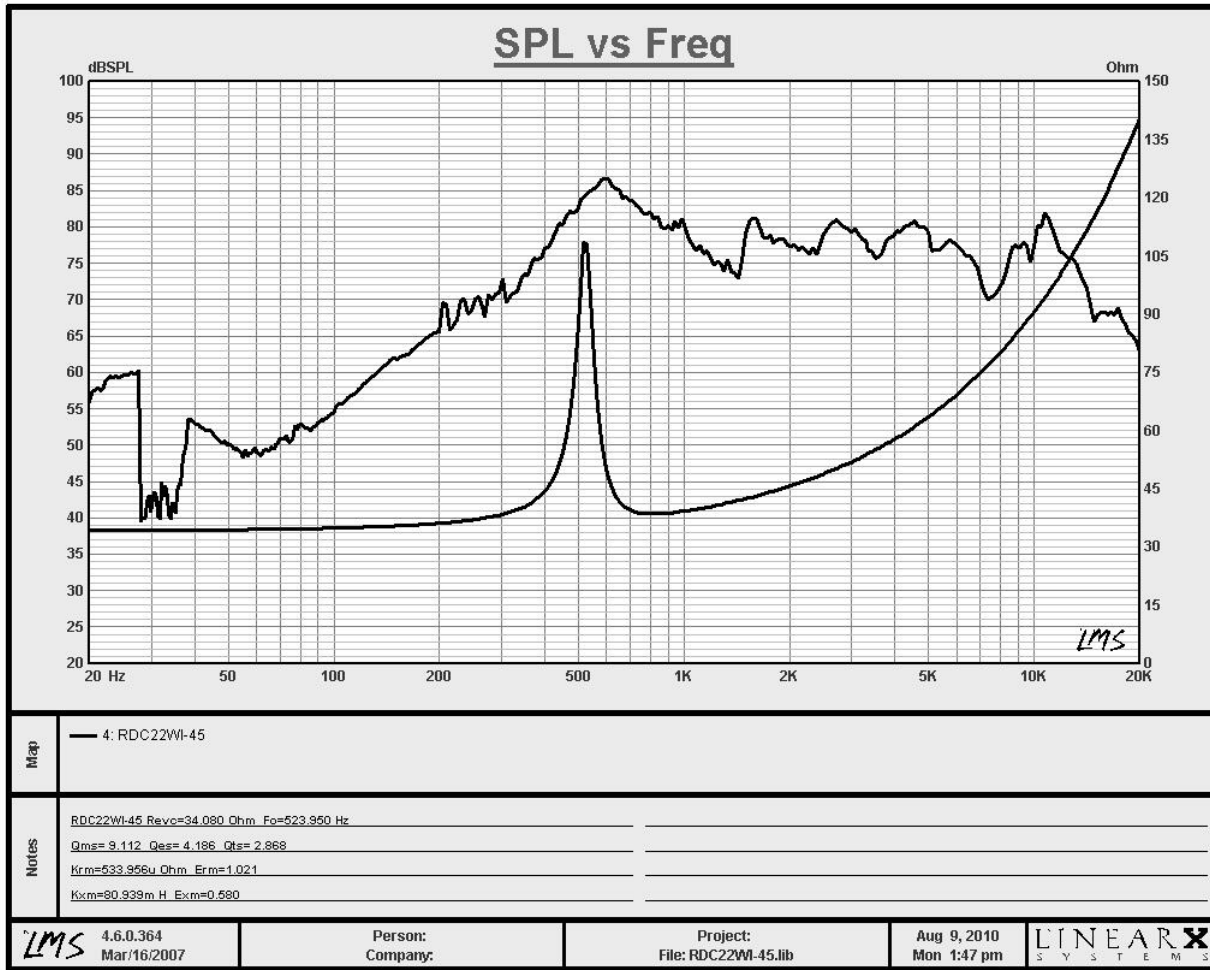
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	481	Hz
D.C. Resistance (Re)	6.3	ohms
Mechanical Q (Qms)	9.8	
Electrical Q (Qes)	4.9	
Total Q (Qts)	3.27	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	0.9	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	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Red Acrylic Treated Cloth
Cone Edge	Red Acrylic Treated Cloth
Dust Cap	Felt

## Sensitivity / Frequency



## Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	2.5 in.	+/- 0.020"
CD	Cutout Diameter	2.3 in.	+/- 0.020"
MG	Magnet Diameter	2.1 in.	+/- 0.050"
HD	Hole Diameter	0.17 in.	+/- 0.010"
MD	Mounting Diameter	2.9 in.	+/- 0.010"
ID	Internal Depth	1.1 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	200.0 g	

