

# Specification Sheet

Model # WC21W-4A



# MISCO®

## Key Features:

- 21" (533 mm) Subwoofer, 4 ohm edge wound coil 800 watts
- Ferrite magnet, treated paper cone with accordion cloth edge
- Dual 8" spider suspension
- Round cast aluminum basket
- Low-distortion aluminum faraday ring with vented T Pole design (for low distortion)

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	21.0	inch
	533.0	mm
Rated Impedance	4	ohms
Rated Power	800.0	Watts
Program Power	800	Watts
Frequency Range	20- 500	Hz
Sensitivity (2.83 V input measured at 1 Meter)	95	dB SPL
Voice Coil Diameter	4.0 / 101.6	inch / mm
Magnet Weight	110.0 / 3124	oz / gr
Transformer		

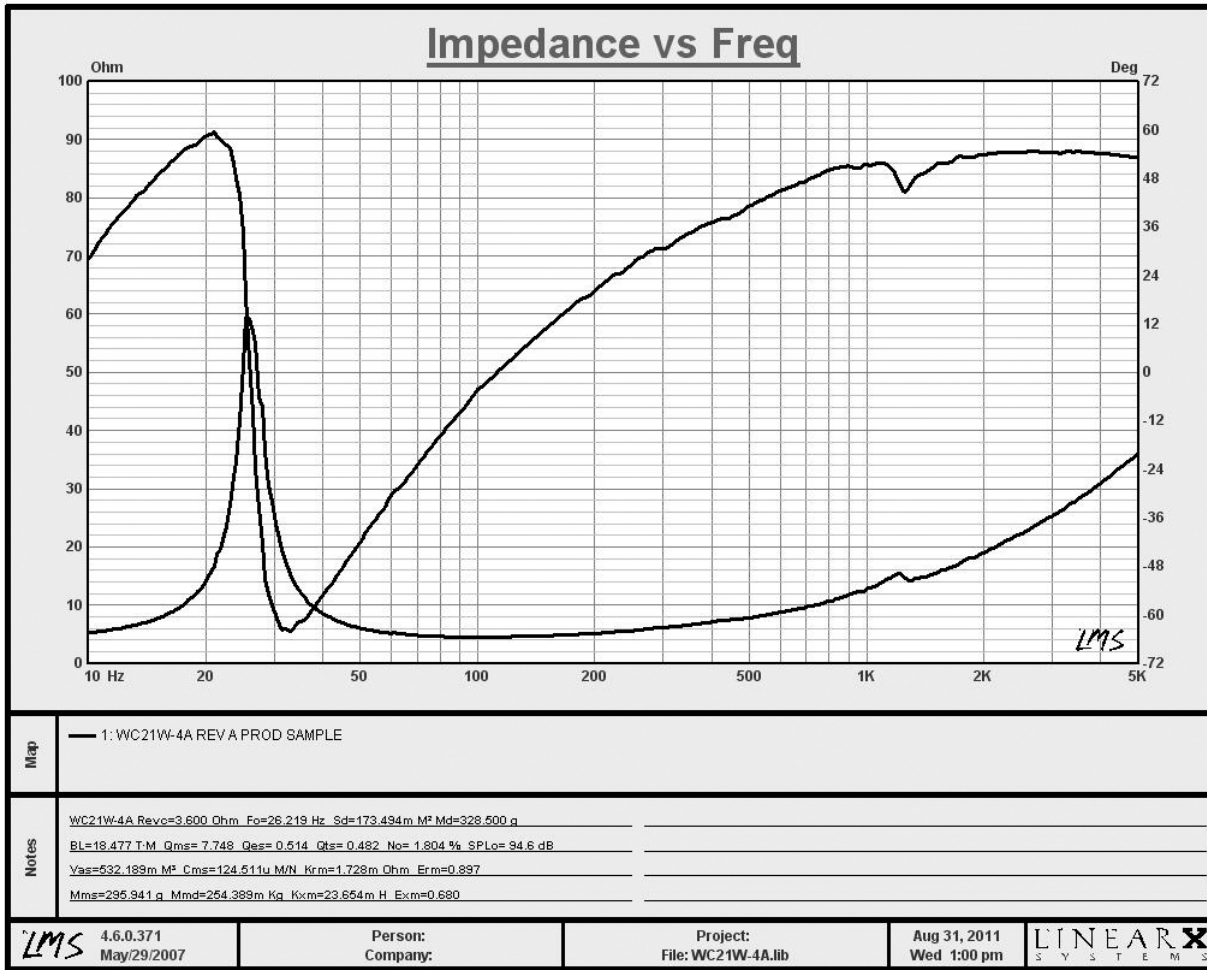
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	30	Hz
D.C. Resistance (Re)	3.6	ohms
Mechanical Q (Qms)	9.0	
Electrical Q (Qes)	0.6	
Total Q (Qts)	0.56	
Compliance Equivalent Volume (Vas)	385.0	ltr
BL Product (BL)	18.5	T-M
Maximum Linear Excursion (Xmax)	7.4	mm
Surface Area of Cone (Sd)	1735.0	cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Cast Aluminum
Terminal Size	Gold Terminal Posts
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Til
Cone	Paper
Cone Edge	Cloth
Dust Cap	Paper

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	21.1 in.	+/- 0.020"
CD	Cutout Diameter	19.2 in.	+/- 0.020"
MG	Magnet Diameter	8.4 in.	+/- 0.050"
HD	Hole Diameter	0.26 in.	+/- 0.010"
MD	Mounting Diameter	20.9 in.	+/- 0.010"
ID	Internal Depth	2.4 in.	+/- 0.025"
FT	Flange Thickness	0.4 in.	+/- 0.050"
NW	Net Weight	3125.0 g	

