

Specification Sheet

Model # JN4W-8A



MISCO®

Key Features:

- 4" (100 mm), 8 ohm
- Mid-Woofer, 15 watt
- Neodymium magnet, Titanium Electroplated Polypropylene cone with natural rubber
- RoHS compliant

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.0	inch
	100.0	mm
Rated Impedance	8	ohms
Rated Power	15.0	Watts
Program Power	30	Watts
Frequency Range	60 - 10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	83	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	1.0 / 28	oz / gr
Transformer		

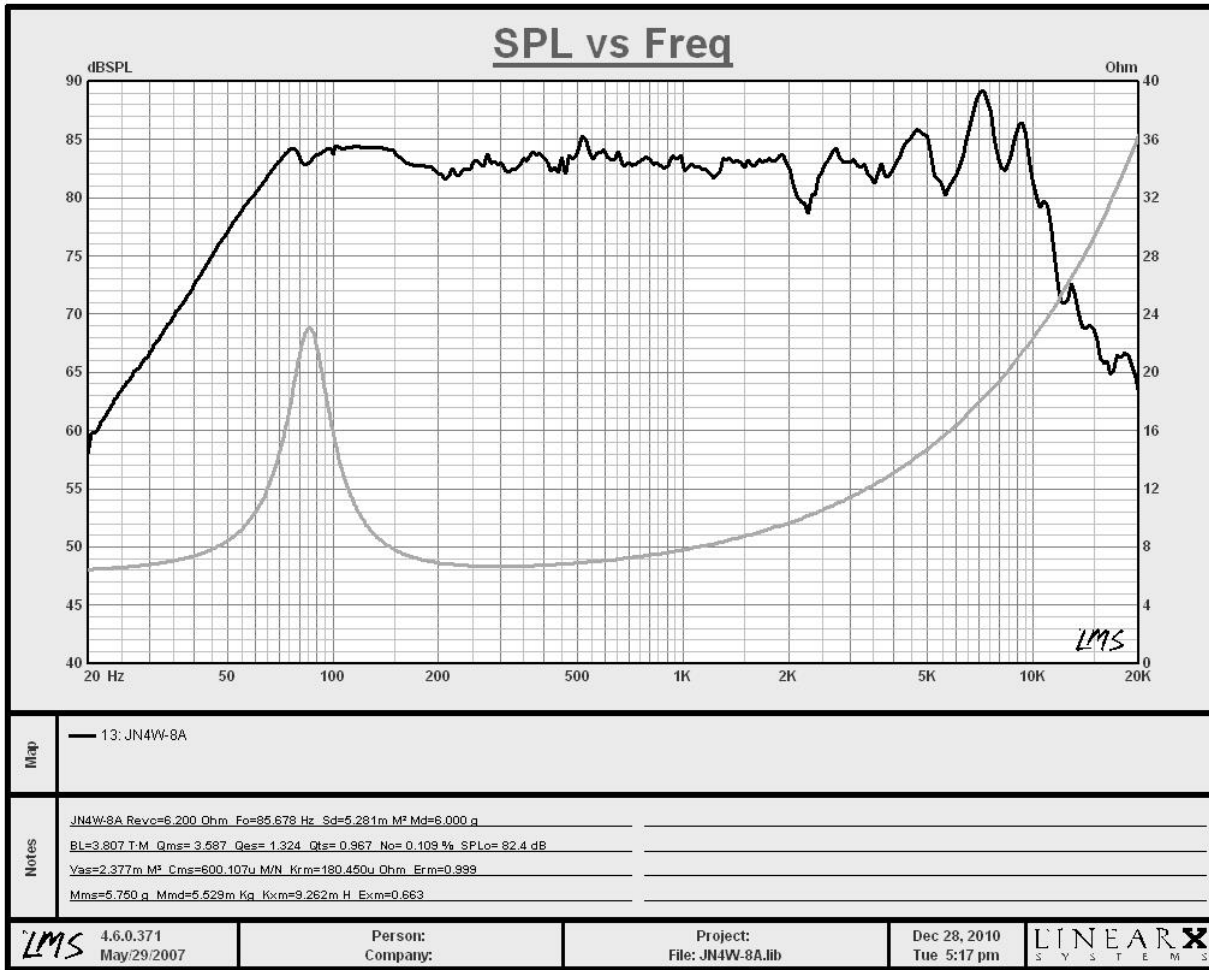
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	85	Hz
D.C. Resistance (Re)	6.2	ohms
Mechanical Q (Qms)	3.6	
Electrical Q (Qes)	1.3	
Total Q (Qts)	0.97	
Compliance Equivalent Volume (Vas)	2.4	ltr
BL Product (BL)	3.8	T-M
Maximum Linear Excursion (Xmax)	5.1	mm
Surface Area of Cone (Sd)	53.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 X 0.02
Magnet	Neodymium
Voice Coil Wire	Copper
Voice Coil Form	Kapton
Cone	Titanium Electroplated Polypropylene
Cone Edge	Natural Rubber
Dust Cap	Plastic

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.0 in.	+/- 0.020"
CD	Cutout Diameter	3.7 in.	+/- 0.020"
MG	Magnet Diameter	1.4 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	4.6 in.	+/- 0.010"
ID	Internal Depth	1.7 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	173.0 g	

