

# Specification Sheet

Model # JC42PD-A



# MISCO®

## Key Features:

- 4.5" (115mm), 8 ohm
- Full Range, 15 watts
- Aluminum magnet, Polypropylene cone with treated cloth surround
- High frequency whizzer cone

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.5	inch
	115.0	mm
Rated Impedance	8	ohms
Rated Power	15.0	Watts
Program Power	30	Watts
Frequency Range	100 - 10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	89	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	10.0 / 284	oz / gr
Transformer		

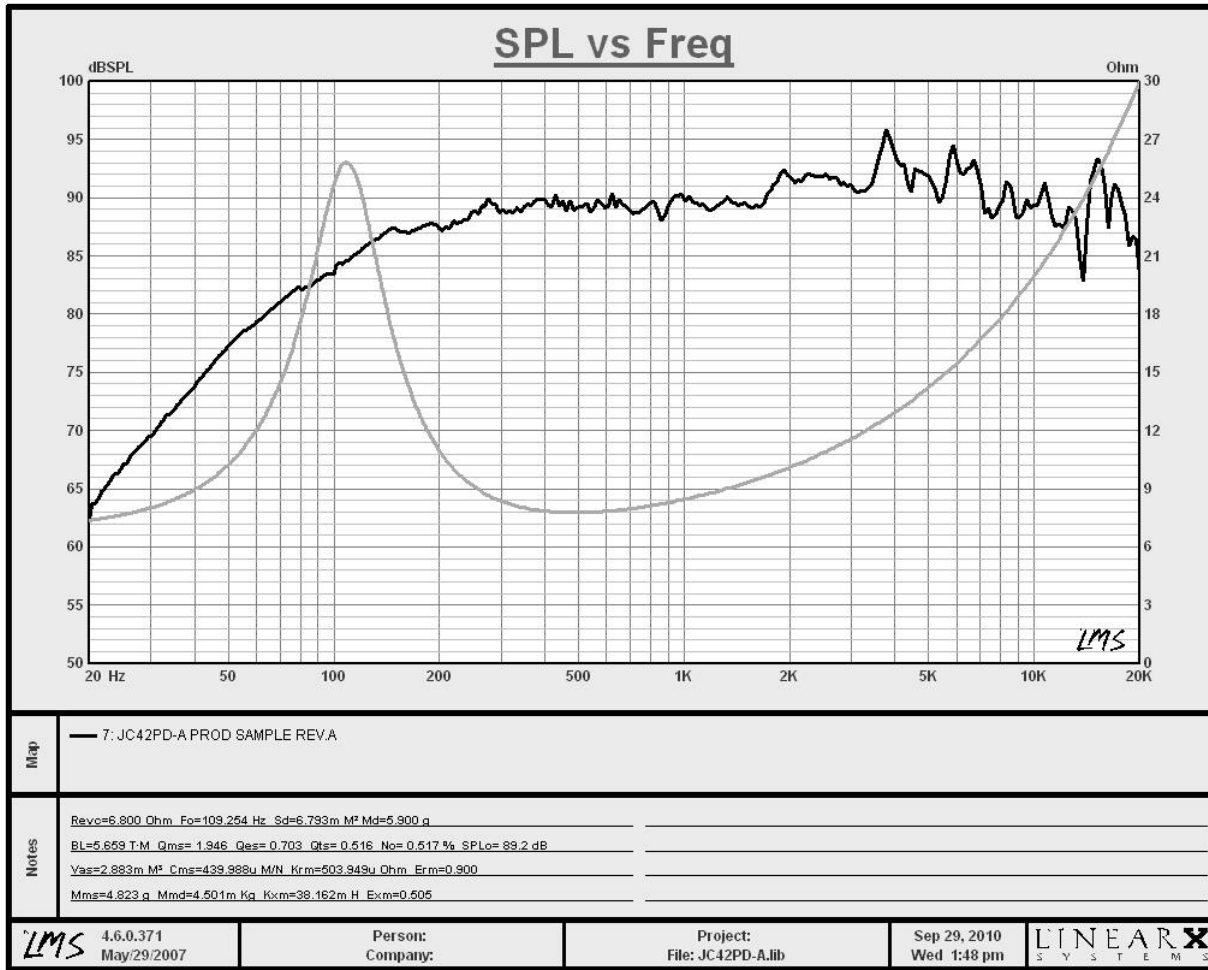
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	110	Hz
D.C. Resistance (Re)	6.8	ohms
Mechanical Q (Qms)	1.9	
Electrical Q (Qes)	0.7	
Total Q (Qts)	0.52	
Compliance Equivalent Volume (Vas)	2.9	ltr
BL Product (BL)	5.7	T-M
Maximum Linear Excursion (Xmax)	1.1	mm
Surface Area of Cone (Sd)	68.0	cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 x 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Polypropylene
Cone Edge	Cloth
Dust Cap	Paper Whizzer

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.6 in.	+/- 0.020"
CD	Cutout Diameter	4.1 in.	+/- 0.020"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	4.7 in.	+/- 0.010"
ID	Internal Depth	1.8 in.	+/- 0.025"
FT	Flange Thickness	0.44 in.	+/- 0.050"
NW	Net Weight	770.0 g	

