

Specification Sheet

Model # OC80PA-B



MISCO®

Key Features:

- 8" (205 mm), 8 ohm
- Extended Range Music and Voice, 100 watts
- Ferrite magnet, paper cone with natural rubber surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	8.0	inch
	205.0	mm
Rated Impedance	8	ohms
Rated Power	100.0	Watts
Program Power	200	Watts
Frequency Range	35 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	92	dB SPL
Voice Coil Diameter	2.0 / 50.8	inch / mm
Magnet Weight	38.0 / 1079	oz / gr
Transformer		

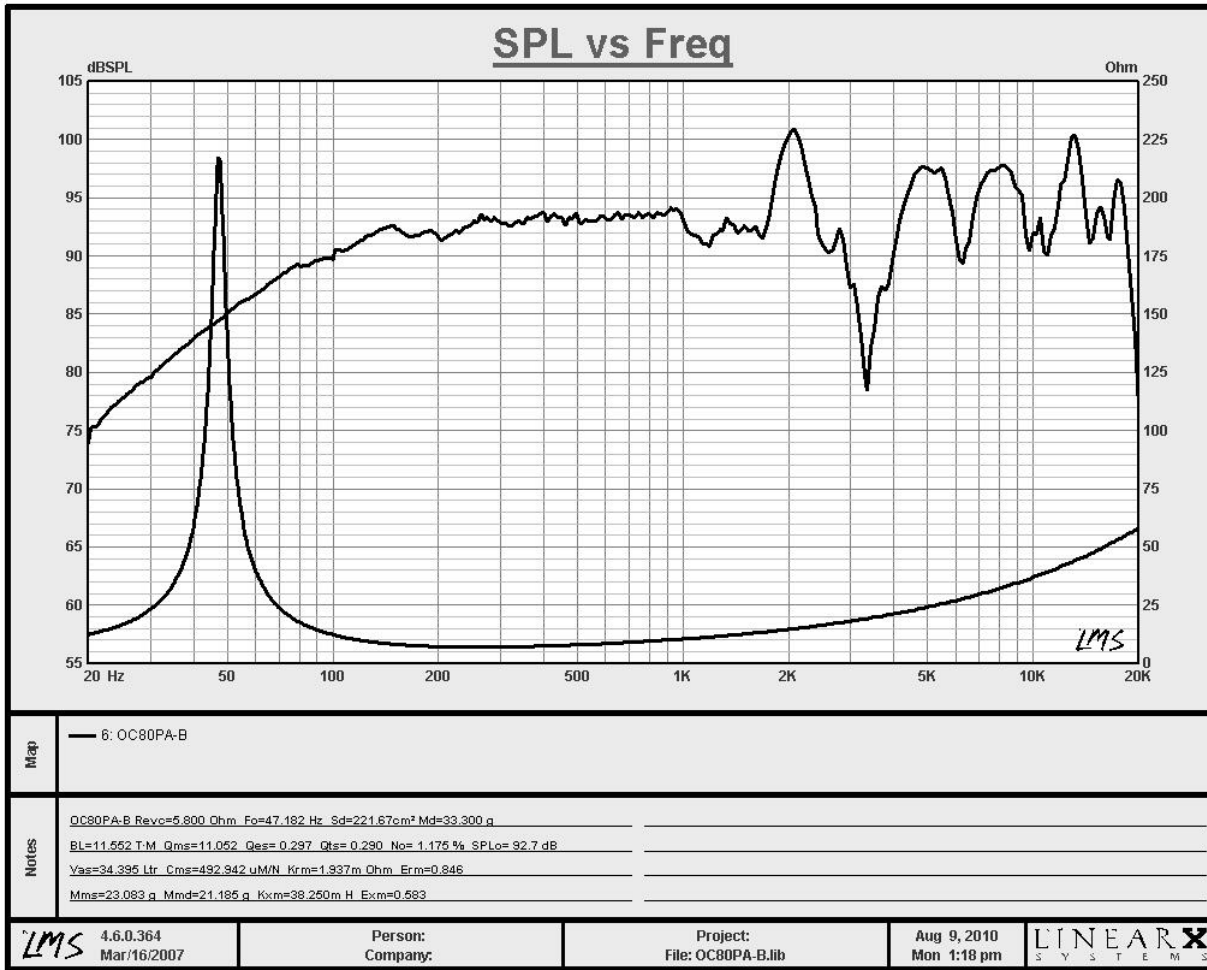
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	47	Hz
D.C. Resistance (Re)	5.8	ohms
Mechanical Q (Qms)	11.1	
Electrical Q (Qes)	0.3	
Total Q (Qts)	0.29	
Compliance Equivalent Volume (Vas)	34.4	ltr
BL Product (BL)	11.6	T-M
Maximum Linear Excursion (Xmax)	3.6	mm
Surface Area of Cone (Sd)	222.0	cm2
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	Kapton
Cone	Paper
Cone Edge	Natural Rubber
Dust Cap	Felt

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	8.3 in.	+/- 0.020"
CD	Cutout Diameter	7.4 in.	+/- 0.020"
MG	Magnet Diameter	5.3 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	7.7 in.	+/- 0.010"
ID	Internal Depth	3.8 in.	+/- 0.025"
FT	Flange Thickness	0.18 in.	+/- 0.050"
NW	Net Weight	3493.0 g	

