

Specification Sheet

Model # 02909011



MISCO®

Key Features:

- 2" by 3" Oval, 9/16" Voice Coil Diameter; 8 Ohm impedance, 15 Watt RMS Power Handling
- Mylar Cone for Outdoor Durability
- Voice Communication for Kiosk use
- Screw head cups integrated in basket design

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	1.9 x 2.67	inch
	48.3 x 67.8	mm
Rated Impedance	8	ohms
Rated Power	15.0	Watts
Program Power		Watts
Frequency Range	380 to 12,500	Hz
Sensitivity (2.83 V input measured at 1 Meter)	83	dB SPL
Voice Coil Diameter	0.56 / 14.3	inch / mm
Magnet Weight	0.53 / 15	oz / gr
Transformer		

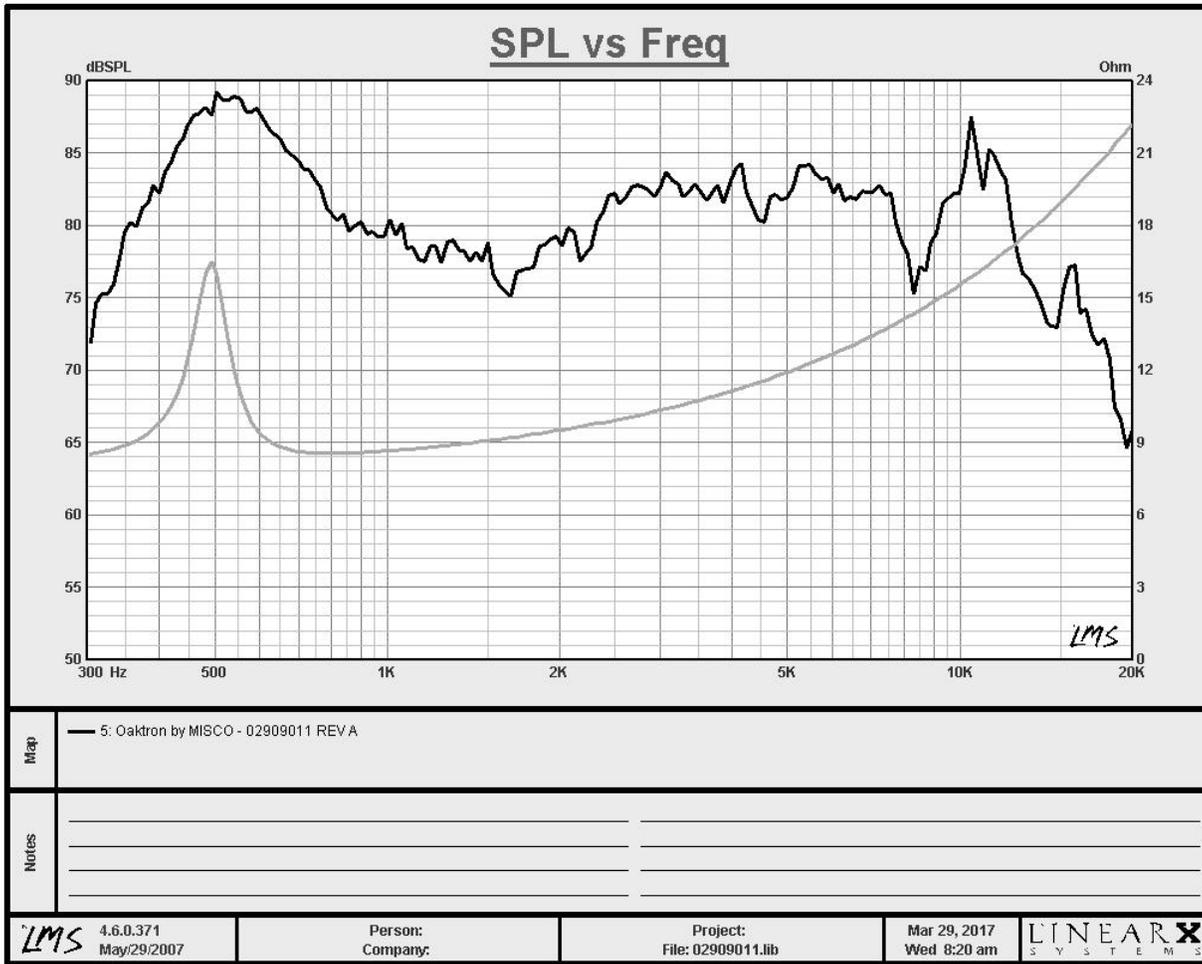
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	510	Hz
D.C. Resistance (Re)	7.8	ohms
Mechanical Q (Qms)		
Electrical Q (Qes)		
Total Q (Qts)		
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)		cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Steel
Terminal Size	0.187 x 0.022
Magnet	Alnico
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Mylar
Cone Edge	Mylar
Dust Cap	Cloth impregnated with acrylic

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	in.	+/- 0.020"
CD	Cutout Diameter	in.	+/- 0.020"
MG	Magnet Diameter	0.875 in.	+/- 0.050"
HD	Hole Diameter	0.102 in.	+/- 0.010"
MD	Mounting Diameter	in.	+/- 0.010"
ID	Internal Depth	0.97 in.	+/- 0.025"
FT	Flange Thickness	0.168 in.	+/- 0.050"
NW	Net Weight	62.0 g	