

# Specification Sheet

Model # 4EAM



## MISCO®

### Key Features:

- 4", Square Basket, 3/4" VC Diameter
- 3 oz Ceramic Magnet, 4 Ohm Impedance
- Voice Communications in Mass Transit
- Features Moisture Repellant Treatment
- NSN 5965-00917-0455

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.094	inch
	104.0	mm
Rated Impedance	4	ohms
Rated Power	20.0	Watts
Program Power		Watts
Frequency Range	300 to 6000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	91	dB SPL
Voice Coil Diameter	3.0 / 19.3	inch / mm
Magnet Weight	3.0 / 85	oz / gr
Transformer		

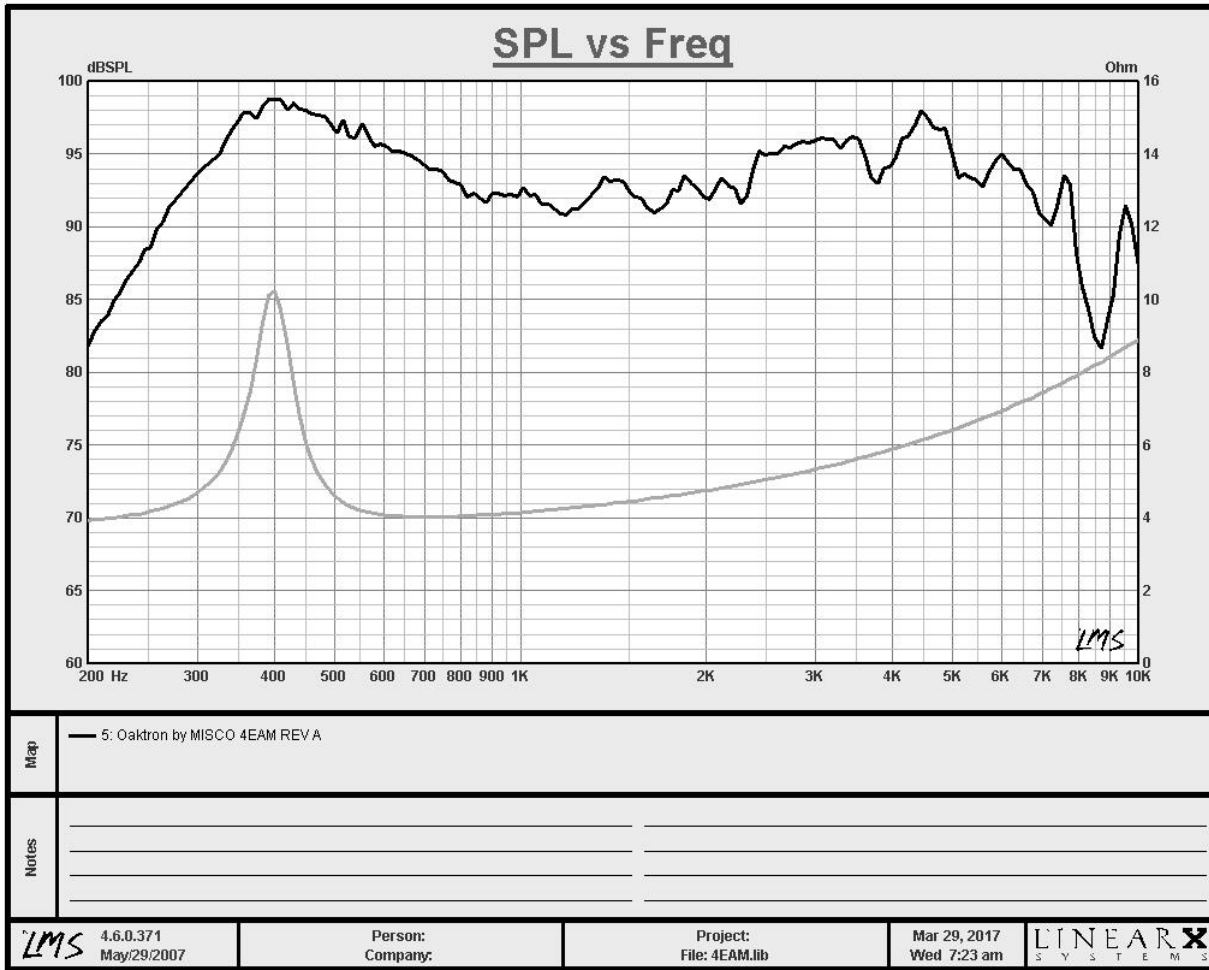
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	400	Hz
D.C. Resistance (Re)	3.6	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 <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Steel
Terminal Size	0.187 x 0.022
Magnet	Barium Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Molded Paper Fiber
Cone Edge	Molded Paper Fiber
Dust Cap	Paper

## Sensitivity / Frequency



## Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.12 in.	+/- 0.020"
CD	Cutout Diameter	3.809 in.	+/- 0.020"
MG	Magnet Diameter	2.38 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	4.687 in.	+/- 0.010"
ID	Internal Depth	1.38 in.	+/- 0.025"
FT	Flange Thickness	0.037 in.	+/- 0.050"
NW	Net Weight	303.0 g	