

Specification Sheet

Model # DC231S-A



MISCO®

Key Features:

- 1.9 X 2.7" (48 X 68 mm), 8 ohm
- Voice Range, 6 watts
- Ferrite magnet, paper cone;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	1.9 x 2.7	inch
	48.0 x 68.0	mm
Rated Impedance	8	ohms
Rated Power	6.0	Watts
Program Power	12	Watts
Frequency Range	325 - 10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	90	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	2.4 / 67	oz / gr
Transformer		

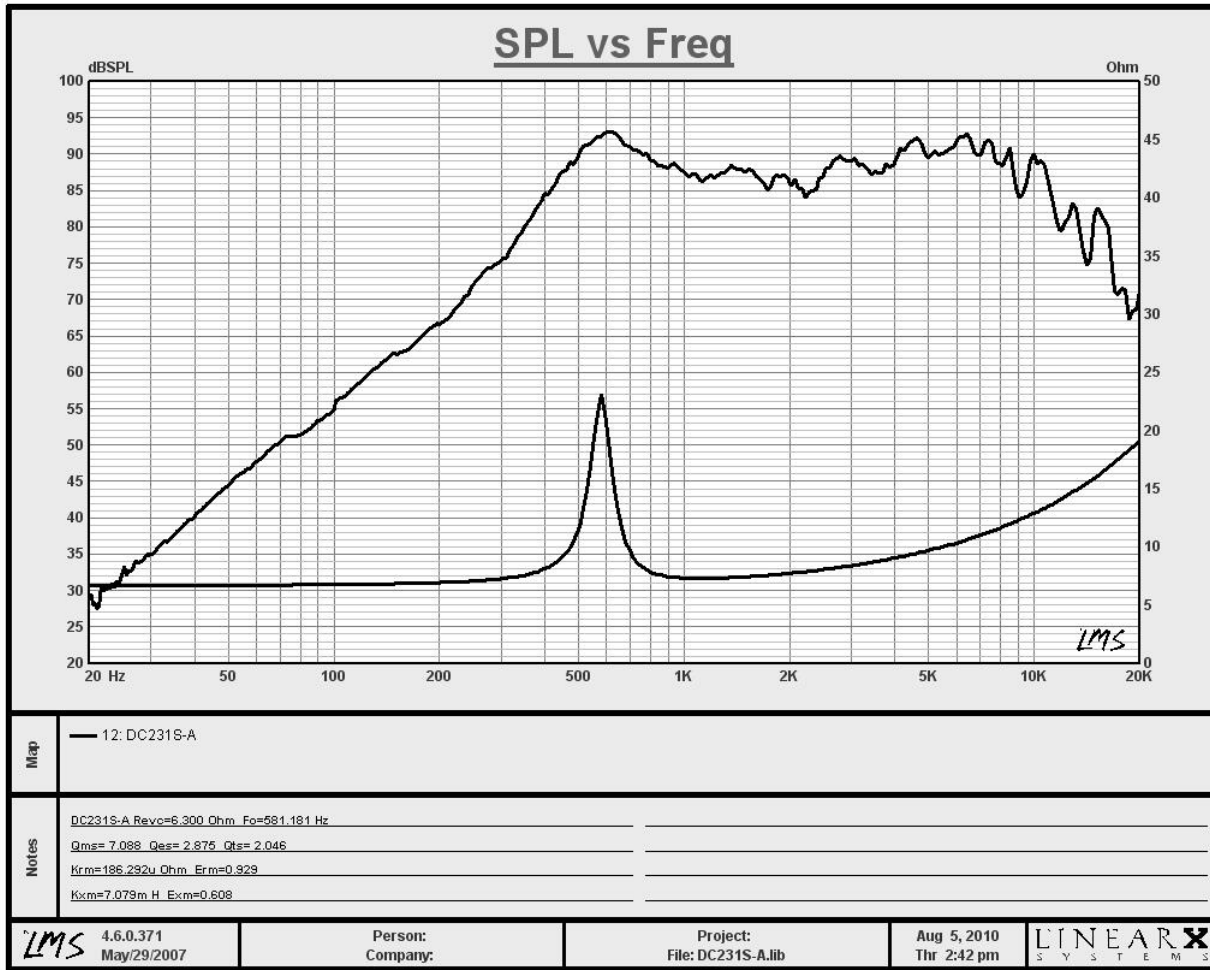
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	581	Hz
D.C. Resistance (Re)	6.3	ohms
Mechanical Q (Qms)	7.1	
Electrical Q (Qes)	2.88	
Total Q (Qts)	2.05	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	0.4	mm
Surface Area of Cone (Sd)		cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.19 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Kapton
Cone	Paper
Cone Edge	Paper
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	2.7 in.	+/- 0.020"
CD	Cutout Diameter	2.4 in.	+/- 0.020"
MG	Magnet Diameter	2.1 in.	+/- 0.050"
HD	Hole Diameter	0.14 in.	+/- 0.010"
MD	Mounting Diameter	1.5 in.	+/- 0.010"
ID	Internal Depth	1.0 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	197.0 g	

