

Specification Sheet

Model # DC231S-45WP



Key Features:

- 2 X 3" (50 X 77mm), 45 ohm
- Voice Range, 6 watts
- Ferrite magnet, paper cone;



Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	2.0 x 3.0	inch
	50.0 x 77.0	mm
Rated Impedance	45	ohms
Rated Power	6	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 / 68	oz / gr

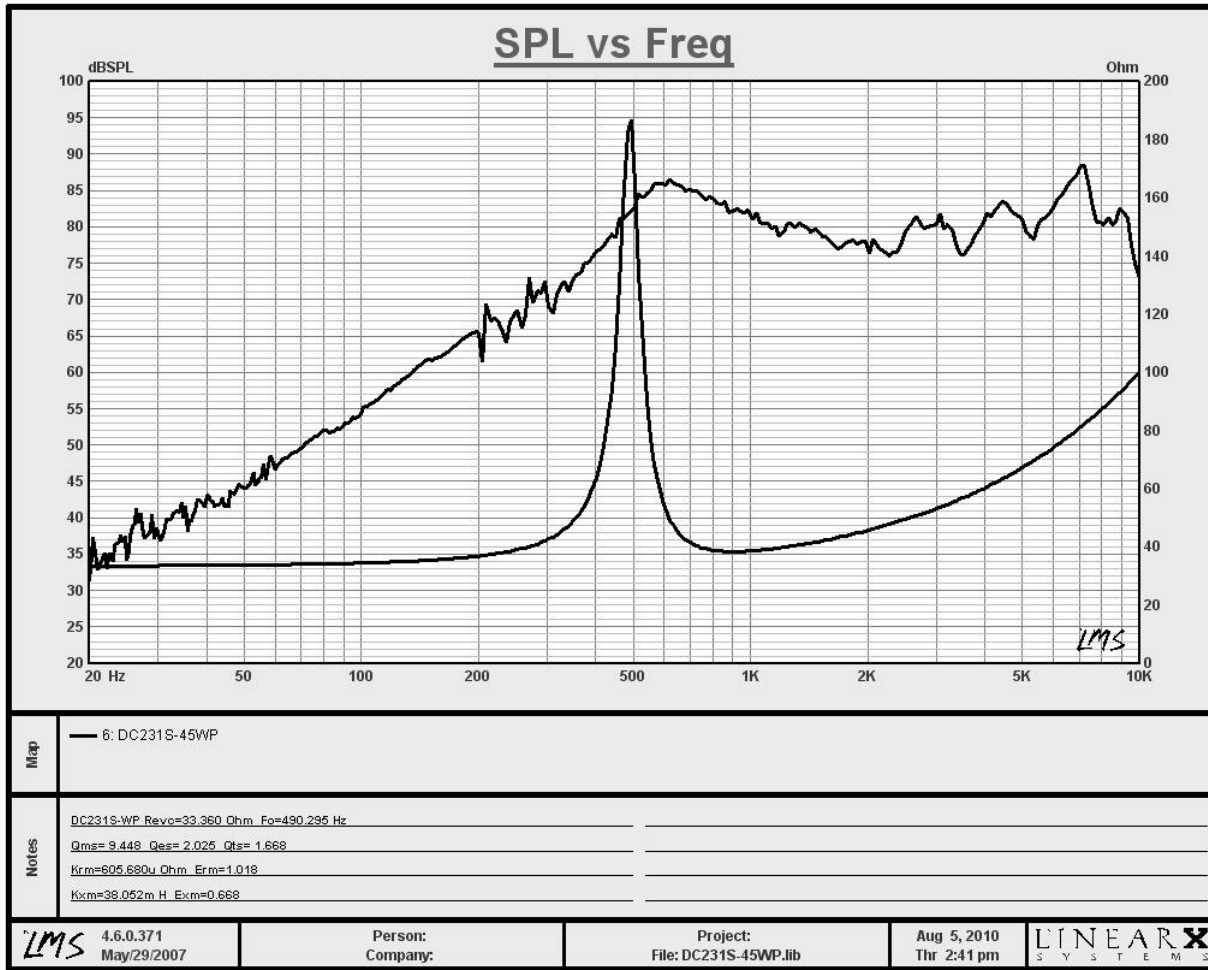
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	490	Hz
D.C. Resistance (Re)	35.5	ohms
Mechanical Q (Qms)	9.4	
Electrical Q (Qes)	2.03	
Total Q (Qts)	1.67	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	0.7	mm
Surface Area of Cone (Sd)		cm ²

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	200.0 g	

