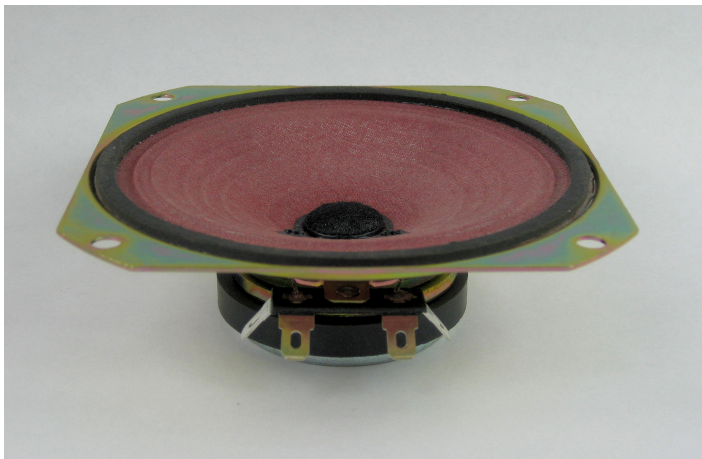


Specification Sheet

Model # DC4WI-45A



Key Features:

- 4" (100mm), 45 ohm
- Voice Range, 4 watts
- Ferrite magnet, red acrylic treated cloth cone
- Waterproof

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.0	inch
	100.0	mm
Rated Impedance	45	ohms
Rated Power	4	Watts
Program Power	8	Watts
Frequency Range	200 - 6000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	83	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	2.4 / 68	oz / gr

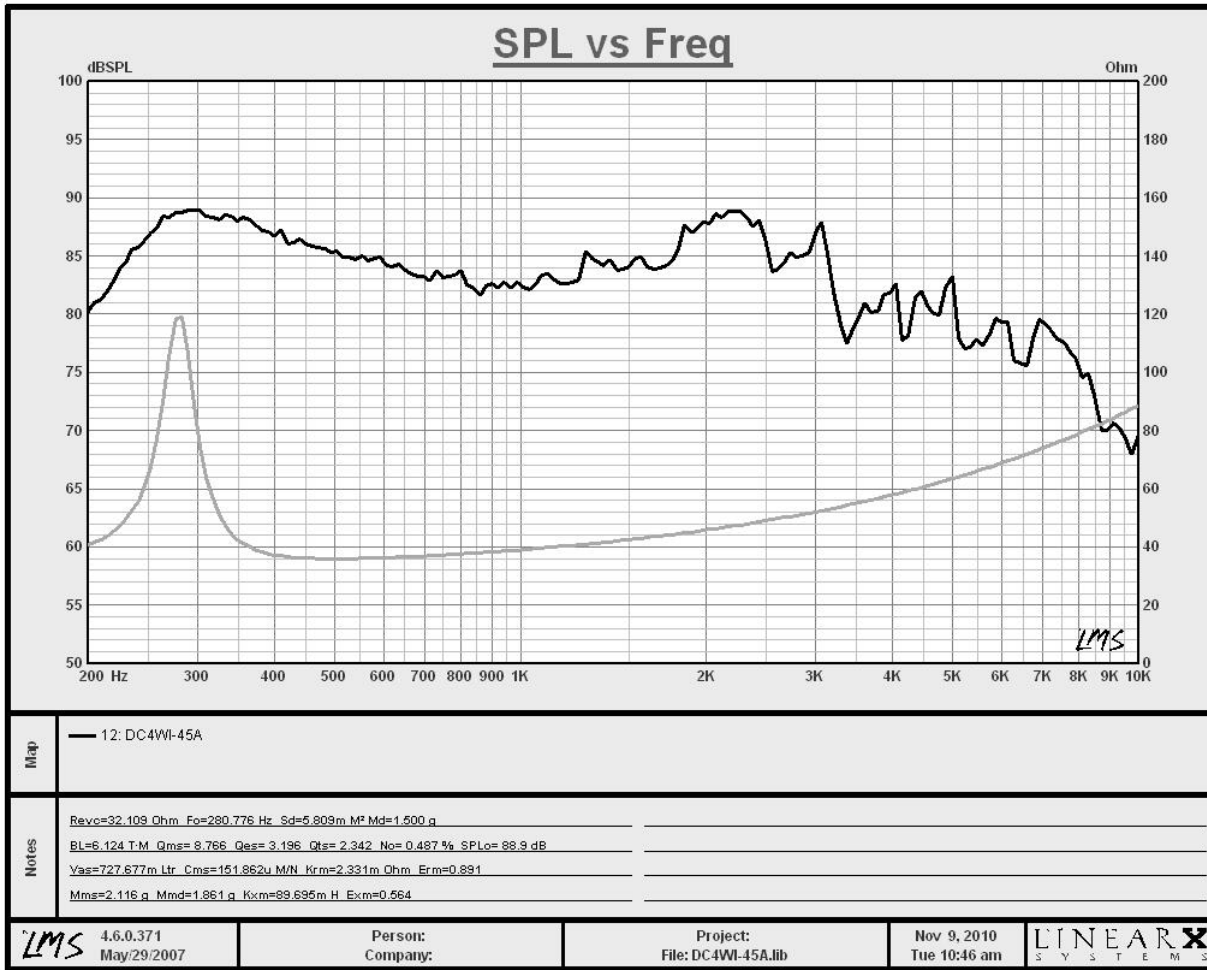
Small Signal Parameters

	Units of Measure
Resonant Frequency (fo)	280 Hz
D.C. Resistance (Re)	32.0 ohms
Mechanical Q (Qms)	8.8
Electrical Q (Qes)	3.2
Total Q (Qts)	2.3
Compliance Equivalent Volume (Vas)	ltr
BL Product (BL)	T-M
Maximum Linear Excursion (Xmax)	0.9 mm
Surface Area of Cone (Sd)	cm ²

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 x 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Red Acrylic Treated Cloth
Cone Edge	Red Acrylic Treated Cloth
Dust Cap	Felt

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.1 in.	+/- 0.020"
CD	Cutout Diameter	3.8 in.	+/- 0.020"
MG	Magnet Diameter	2.1 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	4.7 in.	+/- 0.010"
ID	Internal Depth	1.4 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	251.0 g	

