

Specification

Nominal Basket Diameter	12", 304.8mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	150W
Music Program	300W
Resonance	48Hz
Usable Frequency Range***	49Hz-4.5kHz
Sensitivity	99
Magnet Weight	4 oz
Gap Height	0.28", 7.2mm
Voice Coil Diameter	2", 50.8mm

Thiele & Small Parameters

Resonant Frequency (fs)	48Hz
DC Resistance (Re)	5.1
Coil Inductance (Le)	0.43mH
Mechanical Q (Qms)	5.5
Electromagnetic Q (Qes)	0.53
Total Q (Qts)	0.48
Compliance Equivalent Volume (Vas)	91 ltr/3.2 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	270cc
Mechanical Compliance of Suspension (Cms)	0.24mm/N
BL Product (BL)	11.7 T-M
Diaphragm Mass inc. Airload (Mms)	46 grams
Efficiency Bandwidth Product (EBP)	91
Maximum Linear Excursion (Xmax)	5.2mm
Surface Area of Cone (Sd)	519.5cm ²
Maximum Mechanical Limit (Xlim)	9.8mm

Mounting Information

Recommended Enclosure Volume	
Sealed	31-35 ltr/1.1-1.3 cu. ft.
Vented	42.5-85 ltr/1.5-3 cu. ft.
Overall Diameter	12.03", 305.5mm
Baffle Hole Diameter	10.95", 278.1mm
Front Sealing Gasket	Fitted as Standard
Rear Sealing Gasket	Fitted as Standard
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	11.59", 294.3mm
Depth	5.1", 130mm
Net Weight	4.1 lbs, 1.9 kg
Shipping Weight	5.8 lbs, 2.6 kg

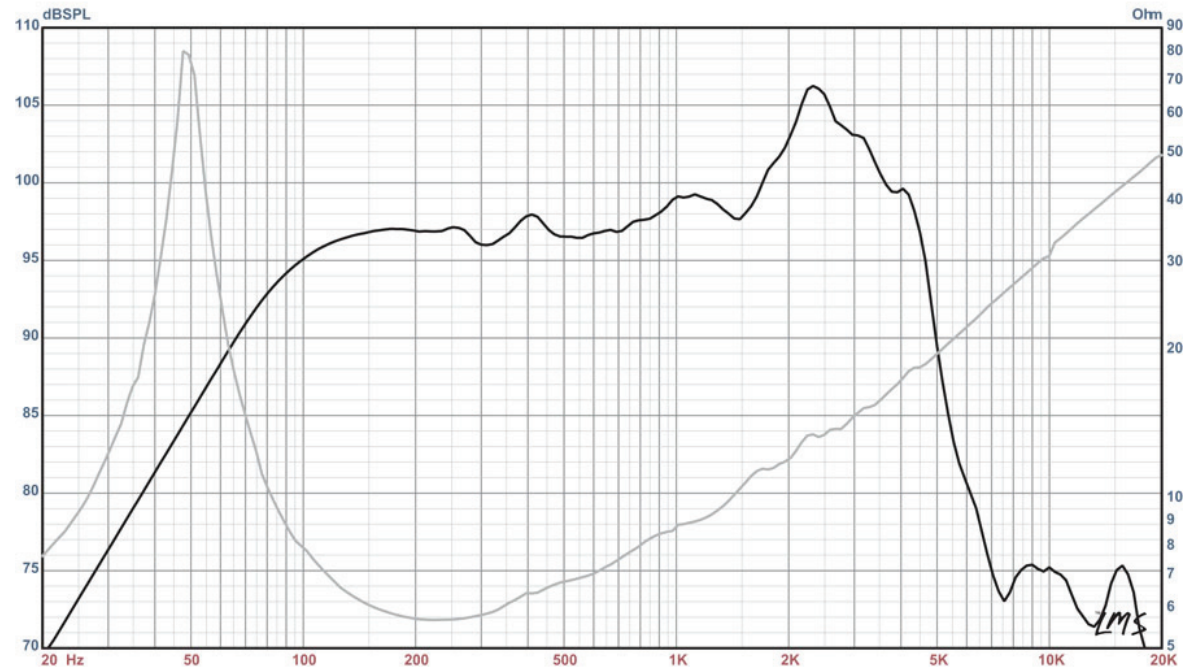
Materials of Construction

Coil Construction	Copper
Coil	Polyimide
Magnet Composition	Neodymium
Core Details	Non-Vented
Basket Materials	Pressed Steel
Cone Composition	Paper
Cone Edge Composition	Cloth
Dust Cap Composition	Solid Composition Felt



BASSLITE® S2012

Recommended for bass guitar. Ideal in vented 1X, 2X, and 4 X12 enclosures.



* Please inquire about alternative impedances.

** Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, nontemperature-controlled environment.

*** The average output across the usable frequency range when applying 1W/1m into the nominal impedance. I.e: 2.83 V/8 ohms, 4 V/16 ohms.

Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2 ft. X 2 ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)