## **Specification**

Nominal Basket Diameter 12". 304.8mm Nominal Impedance\* 8 ohms Power Rating\*\* 150W 48Hz Resonance Usable Frequency Range\*\*\* 49Hz-4.5kHz Sensitivity 97 Magnet Weight 4 oz. Gap Height 0.28", 7.2mm Voice Coil Diameter 2", 50.8mm





#### **Thiele & Small Parameters**

Resonant Frequency (fs) 48Hz 5.1 DC Resistance (Re) Coil Inductance (Le) 0.43mH Mechanical Q (Qms) 5.5 Electromagnetic Q (Qes) 0.53 0.48 Total Q (Qts) Compliance Equivalent Volume (Vas) 91 liters / 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) Maximum Linear Excursion (Xmax) 5.2mm Surface Area of Cone (Sd) 519.5 cm2 Maximum Mechanical Limit (Xlim) 9.8mm

## **Mounting Information**

Recommended Enclosure Volume

Sealed

Vented 42.5-85 liters/ 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 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

31-35 liters/ 1.1-1.3 cu.ft.

### **Materials of Construction**

Copper voice coil

Polyimide former

Neodymium magnet

Non-vented core

Pressed steel basket

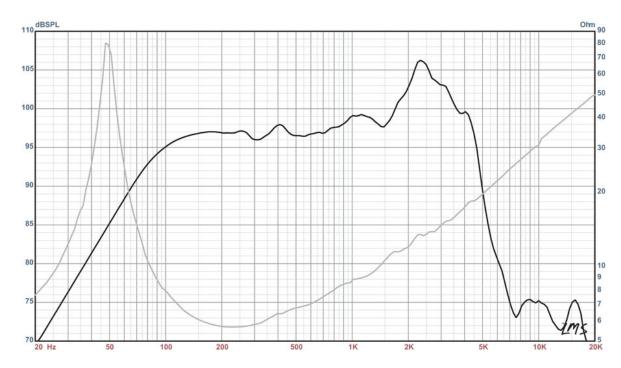
Paper Cone

Cloth cone edge

Solid composition felt dust cap

# **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, non-temperature controlled environment.
- \*\*\* The average output across the usable frequency range when applying 1W/1M into the nominal impedance. le: 2.83V/8ohms, 4V/16ohms. 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 | 2ft. X 2ft. 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)