SPECIFICATION

Nominal Basket Diameter 15" 381 mm Nominal Impedance* 8 ohm Power Rating** Watts 1200 W Music Program 2400 W 42 97 Hz Resonance Usable Frequency Range*** 46 Hz - 2 kHz Sensitivity 95.6 dB 109 07 Magnet Weight Gap Height 0.50". 12.7 mm Voice Coil Diameter 4". 101.6 mm



Resonant Frequency (fs) 42.97Hz DC Resistance (Re) 5.42 (Le) 1.47mH Coil Inductance Mechanical Q (Qms) 15.33 (Qes) 0.40 Electromagnetic Q (Qts) 0.39 Total Q Compliance Equivalent Volume (Vas) 142.51 liters/5.03 cu.ft. Peak Diaphragm Displacement Volume (Vd) 625.10cc Mechanical Compliance of Suspension (Cms) 0.14mm/N **BL Product** (BL) 19.18 T-M Diaphragm Mass inc. Airload (Mms) 100.57 grams Efficiency Bandwidth Product (EBP) 107.37 Maximum Linear Excursion (Xmax) 7.3mm Surface Area of Cone (Sd) 856.3 cm2 Maximum Mechanical Limit (Xlim) 15.4mm

MOUNTING INFORMATION

Recommended Enclosure Volume Sealed N/A Vented 53.8-184.06 liters/1.9-6.5 cu.ft. Driver Volume Displaced 268.49 cu.in. / 4.4 liters Overall Diameter 15.22" / 386.59mm 13.99" / 355.35mm Baffle Hole Diameter Front Sealing Gasket Fitted as Standard Rear Sealing Gasket Fitted as Standard Mounting Holes Diameter 0.28" / 7.23mm Mounting Holes B.C.D. 14.56" / 369.87mm Depth 6.56" / 166.62mm Net Weight 24.8 lbs. / 11.25 kg Shipping Weight 27.5 lbs. / 12.34 kg

MATERIALS OF CONSTRUCTION

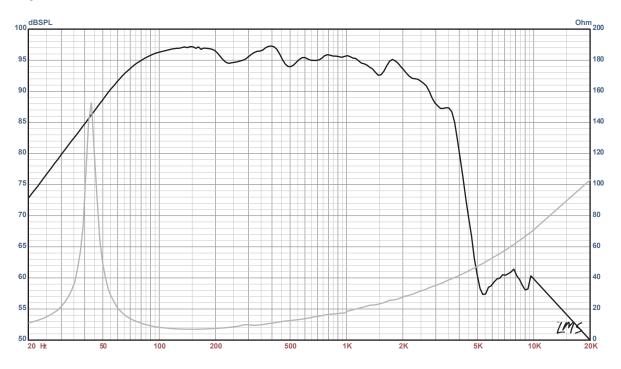
Copper voice coil
Fiberglass former
Ferrite magnet
Bumped vented extended core
Die-cast aluminum basket
Water resistant treated paper cones
Treated cloth cone edge
Water resistant treated paper dust cap





IMPERO™ 15A PROFESSIONAL SERIES

High power driver recommended for pro audio in vented enclosures. Ideal for two-way top boxes, full-range two-way boxes, bass guitar boxes, and small subwoofers.



- * 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. Ie: 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)