

Specification

Nominal Basket Diameter	15", 381.0mm
Nominal Impedance*	6 ohms
Power Rating**	
Watts	600W
Music Program	1200W
Resonance	28Hz
Usable Frequency Range***	20Hz-125Hz
Sensitivity	88.5
Magnet Weight	160 oz.
Gap Height	0.375", 9.53mm
Voice Coil Diameter	3.0", 76.2mm

Thiele & Small Parameters

Resonant Frequency (fs)	28Hz
DC Resistance (Re)	4.9
Coil Inductance (Le)	3.23mH
Mechanical Q (Qms)	5.36
Electromagnetic Q (Qes)	.37
Total Q (Qts)	.35
Compliance Equivalent Volume (Vas)	103.61 liters / 3.7 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	968cc
Mechanical Compliance of Suspension (Cms)	0.11mm/N
BL Product (BL)	26.7 T-M
Diaphragm Mass inc. Airload (Mms)	308 grams
Efficiency Bandwidth Product (EBP)	75
Maximum Linear Excursion (Xmax)	11.8mm
Surface Area of Cone (Sd)	823.7 cm ²
Maximum Mechanical Limit (Xlim)	22mm

Mounting Information

Recommended Enclosure Volume	
Sealed	35-108 liters/1.2-3.8 cu.ft.
Vented	71-290 liters/2.5-10.3 cu.ft.
Driver Volume Displaced	272.1 cu.in. / 4.46 liters
Overall Diameter	15.34", 389.6mm
Baffle Hole Diameter	14.00", 355.5mm
Front Sealing Gasket	Fitted as standard
Rear Sealing Gasket	N/A
Mounting Holes Diameter	0.26", 6.6mm
Mounting Holes B.C.D.	14.70", 373.5mm
Depth	7.75", 197mm
Net Weight	23.8 lbs., 10.80 kg
Shipping Weight	26 lbs., 11.8 kg

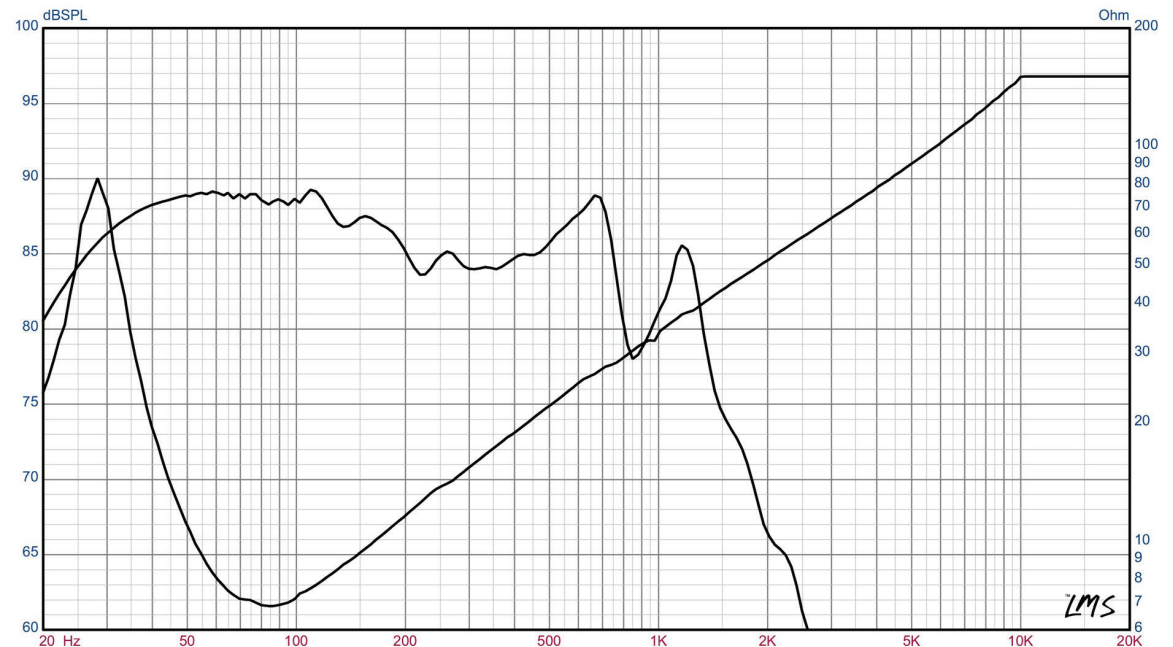
Materials of Construction

Copper voice coil
 AL former
 Double stacked 80 oz. ferrite magnets
 Vented and extended core
 Die-cast aluminum basket
 Kevlar-reinforced paper cone
 Foam cone edge
 Acrylic wetlook Solid composition paper dust cap



LAB15 Professional Series

Subwoofer suited for small vented boxes and for Horn Loading



* 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. I.e: 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)