

## 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 <sup>2</sup>
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

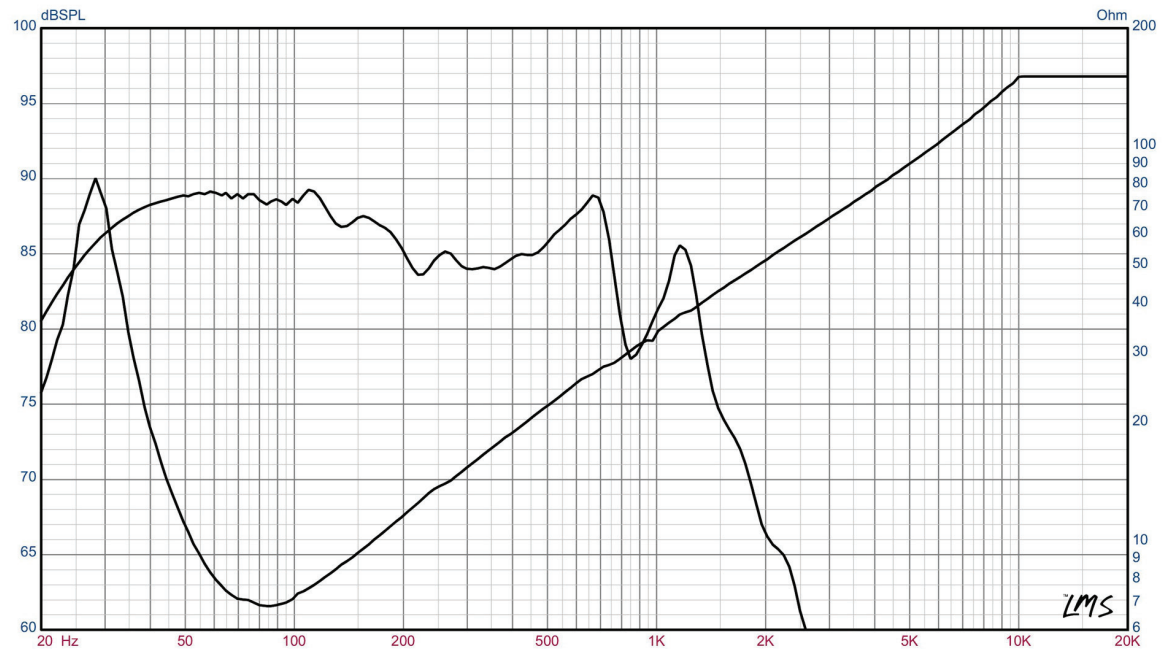
## Materials of Construction

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)