

Specification

Nominal Basket Diameter	15", 381mm
Nominal Impedance*	4 ohms
Power Rating**	300W
Resonance	51Hz
Usable Frequency Range***	45Hz-3.0kHz
Sensitivity	96.9
Magnet Weight	56 oz.
Gap Height	0.375", 9.53mm
Voice Coil Diameter	2.5", 63.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	51.1Hz
DC Resistance (Re)	2.92
Coil Inductance (Le)	0.80mH
Mechanical Q (Qms)	4.94
Electromagnetic Q (Qes)	.54
Total Q (Qts)	.49
Compliance Equivalent Volume (Vas)	108.20 liters / 3.82 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	411.90cc
Mechanical Compliance of Suspension (Cms)	0.11mm/N
BL Product (BL)	12.21 T-M
Diaphragm Mass inc. Airload (Mms)	86.50 grams
Efficiency Bandwidth Product (EBP)	93.94
Maximum Linear Excursion (Xmax)	
Surface Area of Cone (Sd)	823.70 cm ²
Maximum Mechanical Limit (Xlim)	8mm

Mounting Information

Recommended Enclosure Volume	
Sealed	Acceptable
Vented	Acceptable
Overall Diameter	15.15", 384.81mm
Baffle Hole Diameter	13.87", 352.30mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	
Mounting Holes Diameter	0.25", 6.35mm
Mounting Holes B.C.D.	14.56", 369.82mm
Depth	6.25", 158.75mm
Net Weight	11.9 lbs., 5.4 kg
Shipping Weight	14.1 lbs., 6.4 kg

Materials of Construction

Copper voice coil
 Polyimide former
 Ferrite magnet
 Vented core
 Pressed steel basket
 Paper cone
 Sealed cloth cone edge
 Paper dust cap

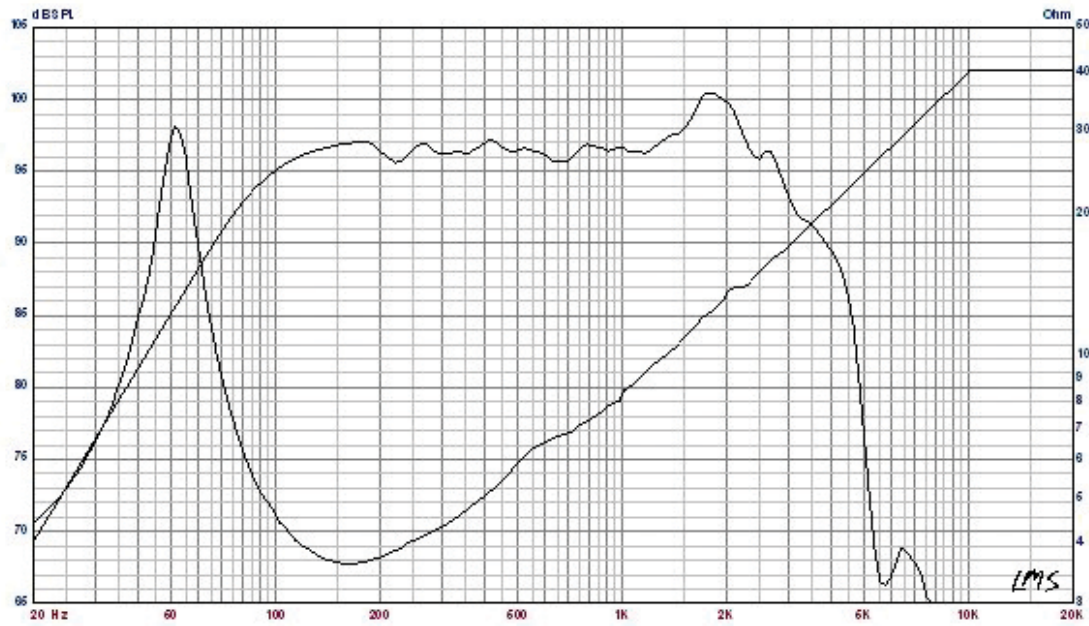


LEGEND CA154

Pro Sound 15" Woofer for use in Bass Guitar cabinets or in PA cabinets. Four Ohm Driver with High SPL.

Coloration:

Genre:



* 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)