

Specification

Nominal Basket Diameter	10", 254mm
Nominal Impedance*	8 ohms
Power Rating**	200W
Resonance	48Hz
Usable Frequency Range***	44Hz-4kHz
Sensitivity	93
Magnet Weight	45 oz.
Gap Height	0.312", 7.92mm
Voice Coil Diameter	2", 50.8mm

Thiele & Small Parameters

Resonant Frequency (fs)	48Hz
DC Resistance (Re)	6.89
Coil Inductance (Le)	0.67mH
Mechanical Q (Qms)	5.31
Electromagnetic Q (Qes)	0.42
Total Q (Qts)	0.39
Compliance Equivalent Volume (Vas)	65 liters / 2.3 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	104cc
Mechanical Compliance of Suspension (Cms)	0.40mm/N
BL Product (BL)	11.8 T-M
Diaphragm Mass inc. Airlod (Mms)	28 grams
Efficiency Bandwidth Product (EBP)	113
Maximum Linear Excursion (Xmax)	3.0mm
Surface Area of Cone (Sd)	344.9 cm ²
Maximum Mechanical Limit (Xlim)	8.0mm

Mounting Information

Recommended Enclosure Volume	
Vented	18-85 liters/0.63-3 cu.ft.
Overall Diameter	10.25", 260.4mm
Baffle Hole Diameter	9.13", 231.8mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	
Mounting Holes Diameter	0.28", 7.1mm
Mounting Holes B.C.D.	9.63", 244.5mm
Depth	4.33", 110mm
Net Weight	9.7 lbs., 4.4 kg
Shipping Weight	10.9 lbs., 4.9 kg

Materials of Construction

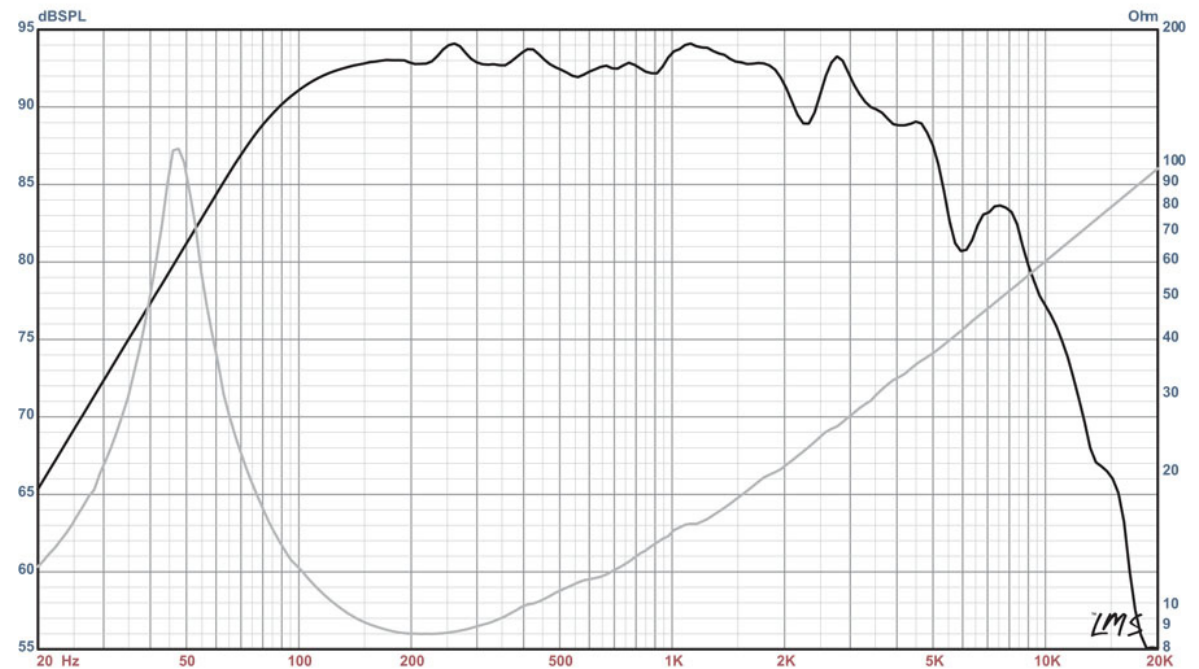
Copper voice coil
Polyimide former
Ferrite magnet
Vented and extended core
Die-cast aluminum basket
Paper Cone
Cloth cone edge
Solid composition paper dust cap


EMINENCE®
The Art and Science of Sound



LEGEND B102

Recommended for professional bass guitar applications in a vented enclosure. Also suitable as a professional audio mid-range.



* 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)