Specification

Nominal Basket Diameter	8", 203mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	225W
Music Program	450W
Resonance	81Hz
Usable Frequency Range***	82Hz-3.2kHz
Sensitivity	95.5
Magnet Weight	7 oz
Gap Height	.28",6.99mm
Voice Coil Diameter	2.5",63.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	81Hz
DC Resistance (Re)	5.6
Coil Inductance (Le)	.62mH
Mechanical Q (Qms)	4.66
Electromagnetic Q (Qes)	.40
Total Q (Qts)	.37
Compliance Equivalent Volume (Vas)	10.95 ltr/.39 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	100.10cc
Mechanical Compliance of Suspension (Cms)	.16mm/N
BL Product (BL)	13.0 T-M
Diaphragm Mass inc. Airload (Mms)	24.0 grams
Efficiency Bandwidth Product (EBP)	201
Maximum Linear Excursion (Xmax)	4.5mm
Surface Area of Cone (Sd)	222.4cm^2
Maximum Mechanical Limit (Xlim)	8.0mm

Mounting Information

Recommended Enclosure Volume	
Sealed	7-17 ltr/.2-.6 cu. ft.
Vented	10-17 ltr/.4-.6 cu. ft.
Overall Diameter	8.02", 203.71mm
Baffle Hole Diameter	7.36", 186.94mm
Front Sealing Gasket	Fitted as Standard
Rear Sealing Gasket	Fitted as Standard
Mounting Holes Diameter	.28", 7.11mm
Mounting Holes B.C.D.	8.60", 218.44mm
Depth	3.90", 99.06mm
Net Weight	4.77 lbs, 2.16 kg
Shipping Weight	5.47 lbs, 2.4 kg

Materials of Construction

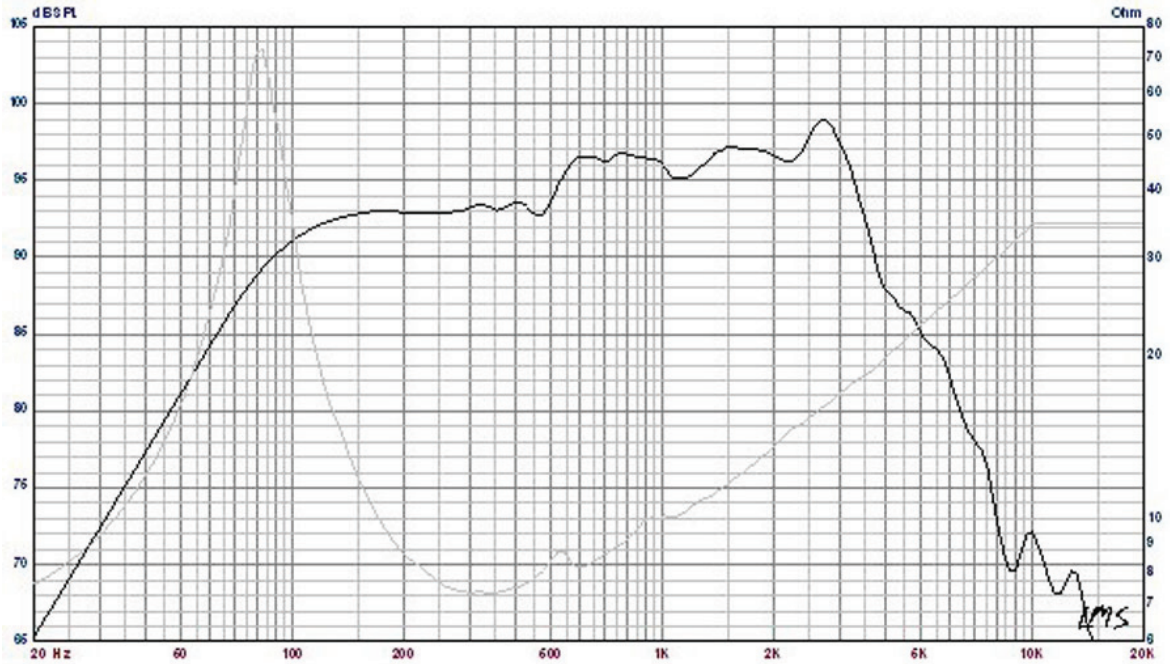
Coil Construction	Edge Wound Copper
Coil	Polyimide
Magnet Composition	Neodymium
Core Details	Vented
Basket Materials	Die-Cast Aluminum
Cone Composition	Paper
Cone Edge Composition	Cloth
Dust Cap Composition	Solid Composition Paper

EMINENCE®

The Art and Science of Sound

LA8-CNMB Professional Series

Mid/Bass Driver for ProSound or MI. Truncated Cast Al basket is great for stacking in a line array and Neo motor greatly reduces weight.



* Please inquire about alternative impedances.

** Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, nontemperature-controlled environment.

*** The average output across the usable frequency range when applying 1W/1m into the nominal impedance. Ie: 2.83 V/8 ohms, 4 V/16 ohms.

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 | 2 ft. X 2 ft. 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)