

## Specification

Nominal Basket Diameter	6.5", 165mm
Nominal Impedance*	8 ohms
Power Rating**	150W
Resonance	460Hz
Usable Frequency Range***	500Hz-5.4kHz
Sensitivity	97.8
Magnet Weight	38 oz.
Gap Height	0.31", 7.92mm
Voice Coil Diameter	1.5", 38.1mm

## Thiele & Small Parameters

Resonant Frequency (fs)	460Hz
DC Resistance (Re)	6.3
Coil Inductance (Le)	0.33mH
Mechanical Q (Qms)	3.13
Electromagnetic Q (Qes)	1.24
Total Q (Qts)	0.89
Compliance Equivalent Volume (Vas)	0.4 liters / 0.01 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	2.7cc
Mechanical Compliance of Suspension (Cms)	0.01mm/N
BL Product (BL)	11.1 T-M
Diaphragm Mass inc. Airload (Mms)	9 grams
Efficiency Bandwidth Product (EBP)	371
Maximum Linear Excursion (Xmax)	0.2mm
Surface Area of Cone (Sd)	133.1 cm <sup>2</sup>
Maximum Mechanical Limit (Xlim)	0.8mm

## Mounting Information

Recommended Enclosure Volume	
Sealed	
Vented	
Overall Diameter	6.59", 167mm/Width across flats: 6", 152mm
Baffle Hole Diameter	5.65", 143.5mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	
Mounting Holes Diameter	0.23", 5.7mm
Mounting Holes B.C.D.	6.06", 154mm
Depth	2.77", 70mm
Net Weight	6.7 lbs., 3 kg
Shipping Weight	7.2 lbs., 3.3 kg

## Materials of Construction

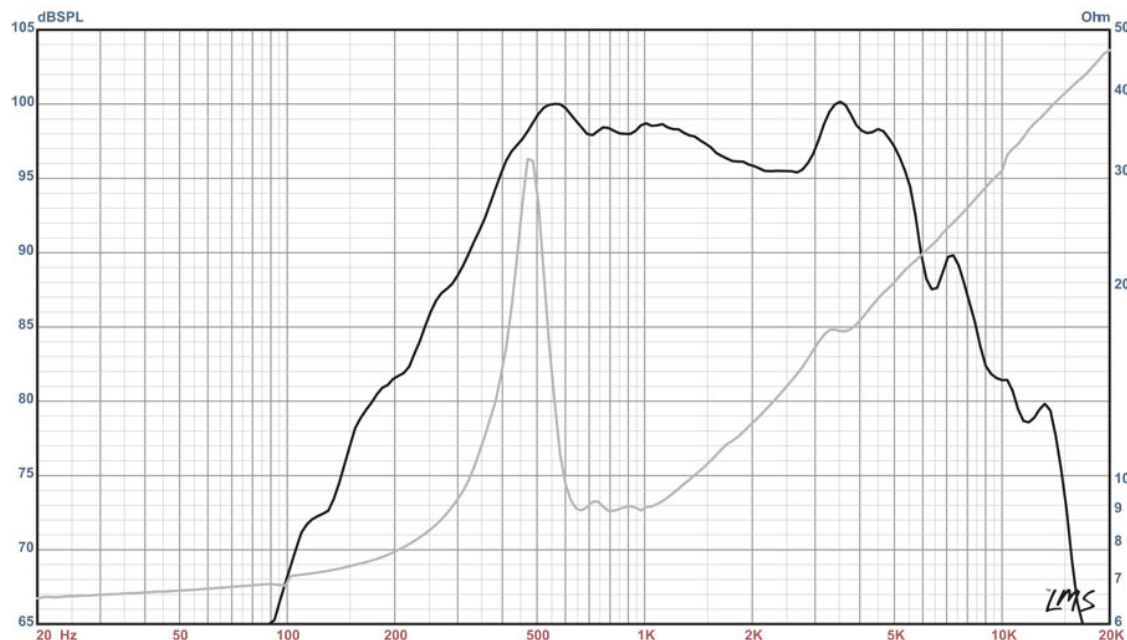
Copper voice coil  
Polyimide former  
Ferrite magnet  
Vented and extended core  
Pressed steel basket with truncated sides  
Paper Cone  
Cloth cone edge  
Solid composition paper dust cap

  
**EMINENCE®**  
The Art and Science of Sound



## LA6-CBMR American Standard Series

Recommended for professional audio midrange from 500Hz-3kHz. Basket is closed. Truncated basket for close spacing in line-arrays.



\* 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)