

## Specification

Nominal Basket Diameter	8", 203.2mm
Nominal Impedance*	8 ohms
Power Rating**	200W
Resonance	57Hz
Usable Frequency Range***	60Hz-3.5kHz
Sensitivity	90.8
Magnet Weight	38 oz.
Gap Height	0.312", 7.92mm
Voice Coil Diameter	2", 50.8mm

## Thiele & Small Parameters

Resonant Frequency (fs)	57Hz
DC Resistance (Re)	5.4
Coil Inductance (Le)	0.62mH
Mechanical Q (Qms)	9.8
Electromagnetic Q (Qes)	0.40
Total Q (Qts)	0.39
Compliance Equivalent Volume (Vas)	21.5 liters / 0.76 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	64cc
Mechanical Compliance of Suspension (Cms)	0.33mm/N
BL Product (BL)	10.7 T-M
Diaphragm Mass inc. Airload (Mms)	24 grams
Efficiency Bandwidth Product (EBP)	143
Maximum Linear Excursion (Xmax)	3.0mm
Surface Area of Cone (Sd)	214.1 cm <sup>2</sup>
Maximum Mechanical Limit (Xlim)	6.0mm

## Mounting Information

Recommended Enclosure Volume	
Sealed	11-14 liters/ 0.38-0.48 cu.ft.
Vented	11-31 liters/ 0.4-1.1 cu.ft.
Overall Diameter	8.24", 209.2mm
Baffle Hole Diameter	7.13", 181mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	
Mounting Holes Diameter	0.22", 5.5mm
Mounting Holes B.C.D.	7.75", 196.9mm
Depth	3.6", 92mm
Net Weight	6.7 lbs., 3 kg
Shipping Weight	7.4 lbs., 3.4 kg

## Materials of Construction

Copper voice coil  
 Polyimide former  
 Ferrite magnet  
 Tapered coax core  
 Pressed steel basket  
 Polypropylene Cone  
 Rubber cone edge  
 Zurette dust cap

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



## ACOUSTINATOR™ CX2008

Recommended for full-range, acoustic instruments in both sealed and vented enclosures. Co-axial for extended HF.



\* 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)