

## Specification

Nominal Basket Diameter	15", 381mm
Nominal Impedance*	8 ohms
Power Rating**	225W
Resonance	85Hz
Usable Frequency Range***	70Hz-3.5kHz
Sensitivity	101.5
Magnet Weight	56 oz.
Gap Height	0.375", 9.53mm
Voice Coil Diameter	2.5", 63.5mm

## Thiele & Small Parameters

Resonant Frequency (fs)	85Hz
DC Resistance (Re)	6.06
Coil Inductance (Le)	0.51mH
Mechanical Q (Qms)	10.63
Electromagnetic Q (Qes)	1.04
Total Q (Qts)	0.94
Compliance Equivalent Volume (Vas)	77.7 liters / 2.74 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	0cc
Mechanical Compliance of Suspension (Cms)	0.08mm/N
BL Product (BL)	12.1 T-M
Diaphragm Mass inc. Airload (Mms)	47 grams
Efficiency Bandwidth Product (EBP)	82
Maximum Linear Excursion (Xmax)	0.0mm
Surface Area of Cone (Sd)	856.3 cm <sup>2</sup>
Maximum Mechanical Limit (Xlim)	

## Mounting Information

Recommended Enclosure Volume	Acceptable
Vented	
Overall Diameter	15.13", 384.2mm
Baffle Hole Diameter	13.8", 350.5mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	14.56", 369.9mm
Depth	6.1", 155mm
Net Weight	12.6 lbs., 5.7 kg
Shipping Weight	14.9 lbs., 6.8 kg

## Materials of Construction

Copper voice coil  
 Polyimide former  
 Ferrite magnet  
 Non-vented core  
 Pressed steel basket  
 Paper Cone  
 Paper cone edge  
 Zurette dust cap



EMINENCE®  
 The Art and Science of Sound



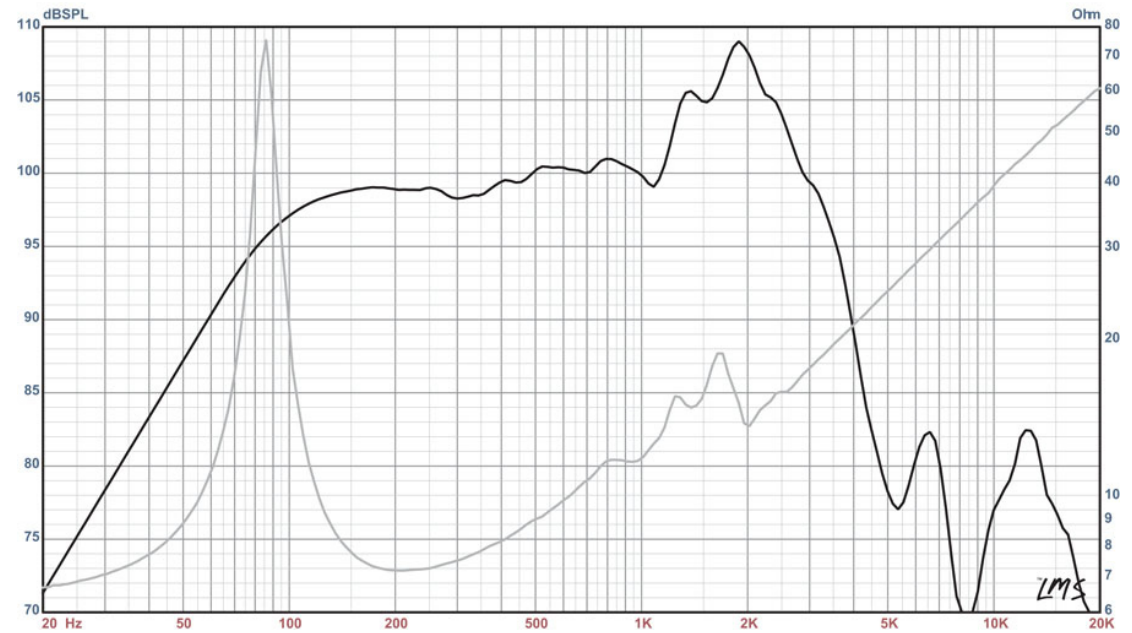
RED COAT™

## BIG BEN

**big ben** n. big British tone in a high-power 15" guitar speaker

**Coloration:** A very big, clean and warm British sound. A somewhat throaty tone with fat bass and smooth highs

**Genre:** Delta Blues, Texas Blues, Jazz, and Country



\* 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)