

Specification

Nominal Basket Diameter	15", 381mm
Nominal Impedance*	4 ohms
Power Rating**	225W
Resonance	52Hz
Usable Frequency Range***	50Hz-4kHz
Sensitivity	100.8
Magnet Weight	109 oz.
Gap Height	0.29", 7.2mm
Voice Coil Diameter	4", 101.6mm

Thiele & Small Parameters

Resonant Frequency (fs)	52Hz
DC Resistance (Re)	3.72
Coil Inductance (Le)	0.22mH
Mechanical Q (Qms)	6.75
Electromagnetic Q (Qes)	0.57
Total Q (Qts)	0.53
Compliance Equivalent Volume (Vas)	163 liters / 5.8 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	29cc
Mechanical Compliance of Suspension (Cms)	0.15mm/N
BL Product (BL)	11.8 T-M
Diaphragm Mass inc. Airload (Mms)	65 grams
Efficiency Bandwidth Product (EBP)	91
Maximum Linear Excursion (Xmax)	0.3mm
Surface Area of Cone (Sd)	889.6 cm ²
Maximum Mechanical Limit (Xlim)	

Mounting Information

Recommended Enclosure Volume	
Sealed	Acceptable
Vented	Acceptable
Overall Diameter	15.28", 388.0mm
Baffle Hole Diameter	14.06", 357.0mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	
Mounting Holes Diameter	0.26", 6.5mm
Mounting Holes B.C.D.	14.57", 370.0mm
Depth	6", 152mm
Net Weight	22.6 lbs., 10.3 kg
Shipping Weight	24.8 lbs., 11.3 kg

Materials of Construction

Aluminum voice coil
Polyimide former
Ferrite magnet
Vented core
Die-cast aluminum basket
Paper Cone
Cloth cone edge
Aluminum dust cap


EMINENCE®
The Art and Science of Sound



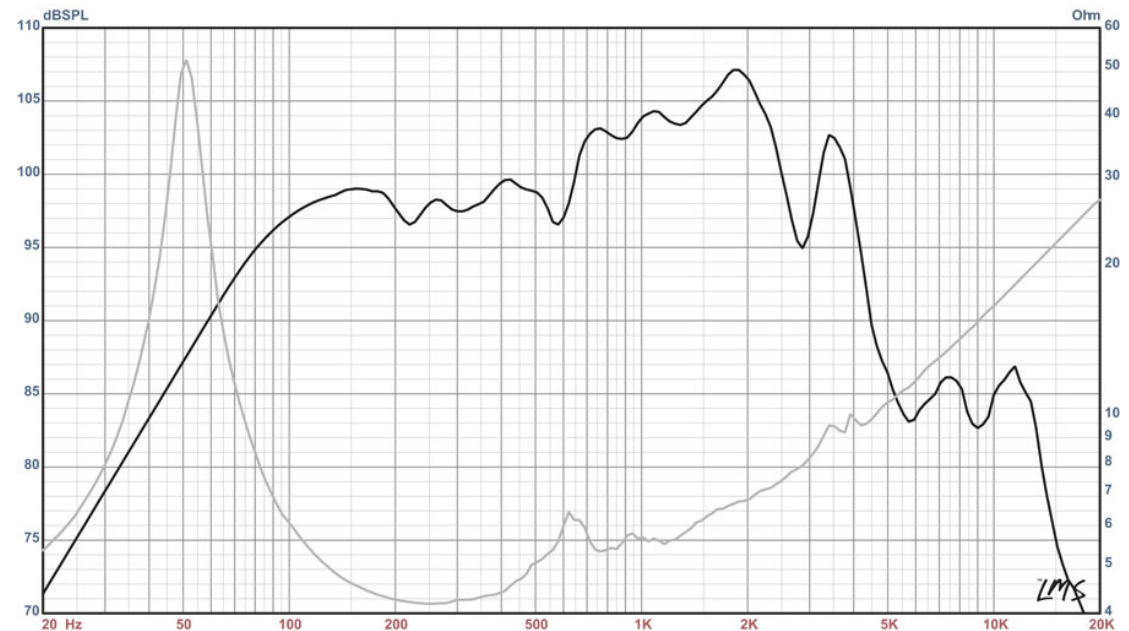
COMMONWEALTH™ 15



common-wealth n. clean, warm, full, non-distorted, un-adulterated guitar tone.

Coloration: Warm and rich, but also very clean and well defined. Great presence! Very full and smooth. Very little cone break-up, but likes Overdrive.

Genre: All Genres



* 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)