

SPECIFICATION

Nominal Basket Diameter	12.00", 304.80mm
Nominal Impedance*	4 ohms
Power Rating**	
Watts	225W
Music Program	450W
Resonance	49.17Hz
Usable Frequency Range***	65.00Hz-4.90kHz
Sensitivity	100.10
Magnet Weight	11.00 oz.
Gap Height	0.36", 9.14mm
Voice Coil Diameter	3.00", 76.20mm

THIELE & SMALL PARAMETERS

Resonant Frequency (fs)	49.17Hz
DC Resistance (Re)	3.55
Coil Inductance (Le)	0.42mH
Mechanical Q (Qms)	10.20
Electromagnetic Q (Qes)	0.24
Total Q (Qts)	0.24
Compliance Equivalent Volume (Vas)	82.43 liters / 2.91 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	155.90cc
Mechanical Compliance of Suspension (Cms)	0.22mm/N
BL Product (BL)	14.69 T-M
Diaphragm Mass inc. Airload (Mms)	47.37 grams
Efficiency Bandwidth Product (EBP)	204.40
Maximum Linear Excursion (Xmax)	3.00mm
Surface Area of Cone (Sd)	519.50 cm ²
Maximum Mechanical Limit (Xlim)	9.10mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	22.65-62.30 liters/0.80-2.20cu.ft.
Vented	22.65-84.95 liters/0.80-3.00 cu.ft.
Driver Volume Displaced	93.60 cu.in.-1.53 liters
Overall Diameter	12.38", 314.45mm
Baffle Hole Diameter	11.06", 280.92mm
Front Sealing Gasket	Fitted as Standard
Rear Sealing Gasket	Fitted as Standard
Mounting Holes Diameter	0.28", 7.11mm
Mounting Holes B.C.D.	11.62", 295.15mm
Depth	5.63", 143.00mm
Net Weight	7.10 lbs., 3.22 kg
Shipping Weight	8.70 lbs., 3.95 kg

MATERIALS OF CONSTRUCTION

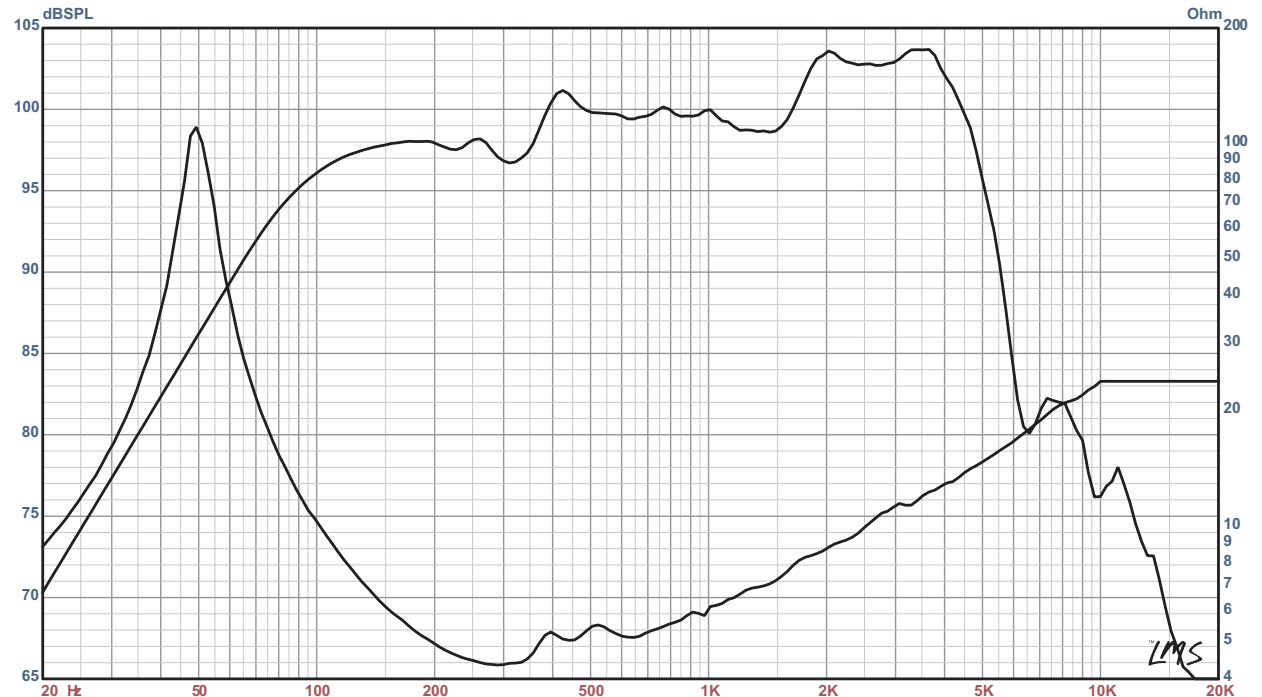
Edge wound Aluminum Voice Coil
Kapton former
Neodymium magnet
Vented core
Die-cast aluminum basket/ heatsink
Paper cone
Cloth cone edge
Treated paper dust cap




EMINENCE®
The Art and Science of Sound

EPS-12C PATRIOT SERIES

A fast and dynamic, lightweight pedal guitar speaker that has been field tested in Nashville, Arizona, Texas, and L.A. It has a full low end, neutral mids, and is bright and clear.



* 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)