

SPECIFICATION

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|---------------------------|------------------|
| 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

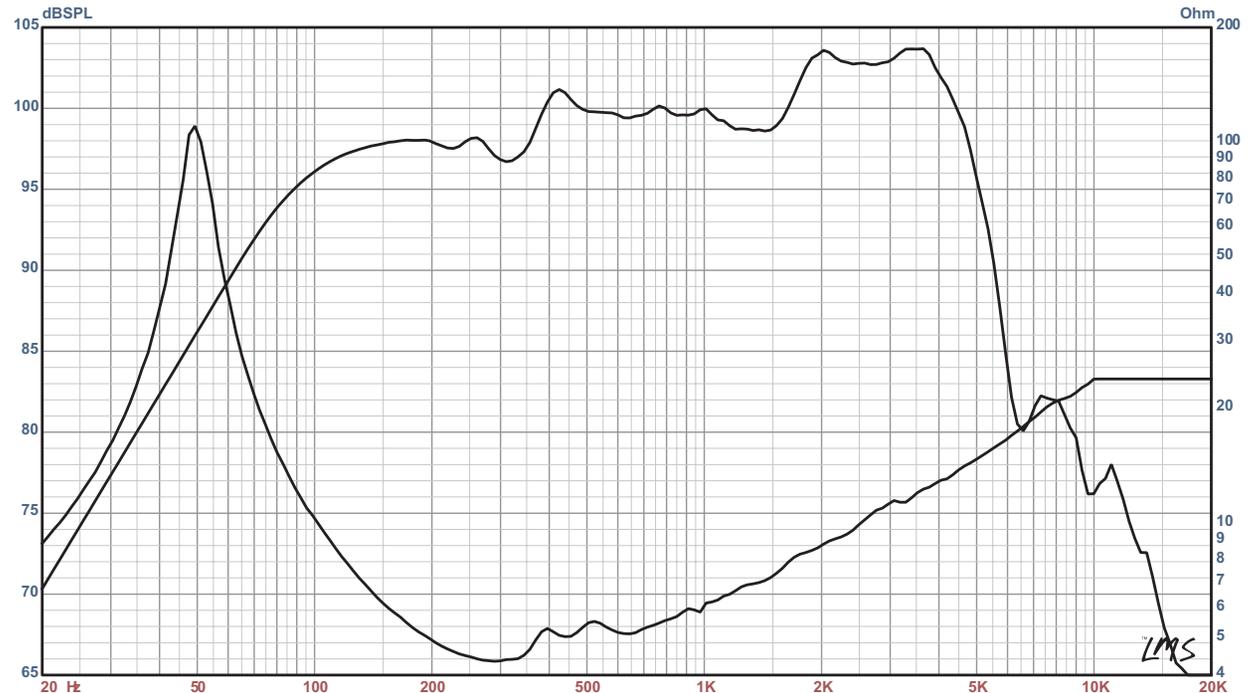
Edge wound Aluminum Voice Coil
Kapton former
Neodymium magnet
Vented core
Die-cast aluminum basket/ heatsink
Paper cone
Cloth cone edge
Treated paper dust cap




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)