

Specification

| | |
|---------------------------|----------------|
| Nominal Basket Diameter | 12", 304.8mm |
| Nominal Impedance* | 8 ohms |
| Power Rating** | 50W |
| Resonance | 96Hz |
| Usable Frequency Range*** | 70Hz-5kHz |
| Sensitivity | 101 |
| Magnet Weight | 38 oz. |
| Gap Height | 0.312", 7.92mm |
| Voice Coil Diameter | 1.75", 44.5mm |

Thiele & Small Parameters

| | |
|---|---------------------------|
| Resonant Frequency (fs) | 96Hz |
| DC Resistance (Re) | 7.01 |
| Coil Inductance (Le) | 0.49mH |
| Mechanical Q (Qms) | 18.19 |
| Electromagnetic Q (Qes) | 0.72 |
| Total Q (Qts) | 0.69 |
| Compliance Equivalent Volume (Vas) | 33.7 liters / 1.2 cu. ft. |
| Peak Diaphragm Displacement Volume (Vd) | 64cc |
| Mechanical Compliance of Suspension (Cms) | 0.09mm/N |
| BL Product (BL) | 13.5 T-M |
| Diaphragm Mass inc. Airload (Mms) | 31 grams |
| Efficiency Bandwidth Product (EBP) | 134 |
| Maximum Linear Excursion (Xmax) | 1.2mm |
| Surface Area of Cone (Sd) | 519.5 cm ² |
| Maximum Mechanical Limit (Xlim) | |

Mounting Information

| | |
|------------------------------|--------------------|
| Recommended Enclosure Volume | |
| Sealed | Acceptable |
| Vented | Acceptable |
| Overall Diameter | 12.02", 305.3mm |
| Baffle Hole Diameter | 10.97", 278.6mm |
| Front Sealing Gasket | fitted as standard |
| Rear Sealing Gasket | fitted as standard |
| Mounting Holes Diameter | 0.25", 6.4mm |
| Mounting Holes B.C.D. | 11.63", 295.4mm |
| Depth | 5.1", 130mm |
| Net Weight | 8 lbs., 3.6 kg |
| Shipping Weight | 9.8 lbs., 4.5 kg |

Materials of Construction

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




EMINENCE[®]
 The Art and Science of Sound

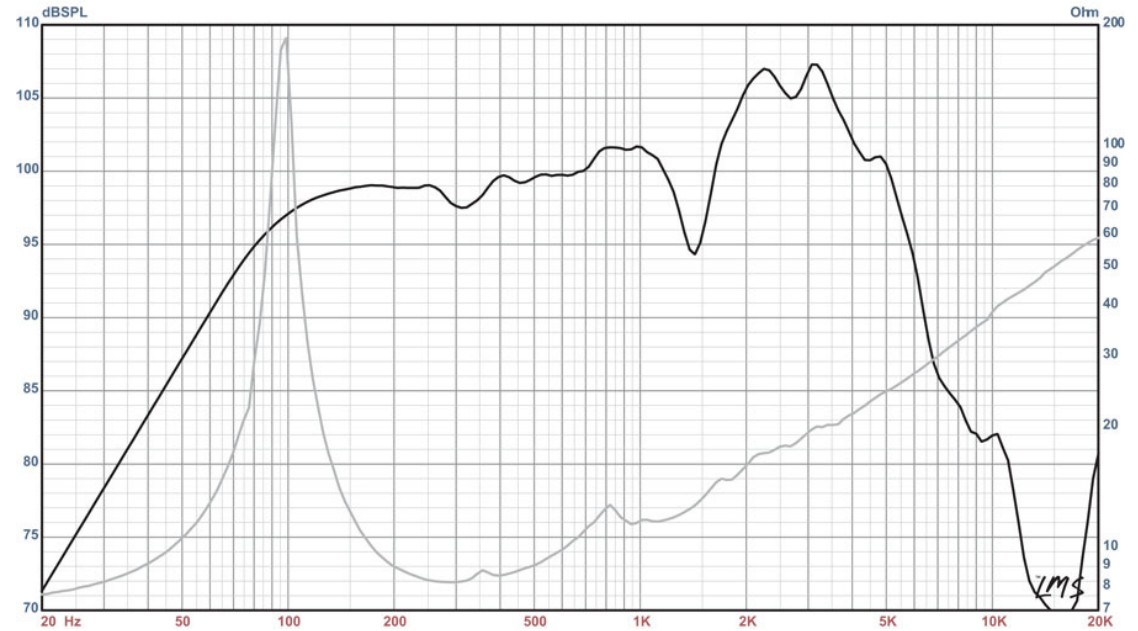
PRIVATE JACK™

RED COAT™

pri'vate jack n. namesake of the famous British canine and one of the most recognized British tones for guitar

Coloration: Thick and smooth, with lots of mids and extended highs. Very well balanced speaker. Classic British flavor

Genre: Classic British tone for Blues, Indie, Jazz



* 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)