

Specification

Nominal Basket Diameter	12", 304.8mm
Nominal Impedance*	16 ohms
Power Rating**	
Watts	50W
Music Program	100W
Resonance	101Hz
Usable Frequency Range***	70Hz-5.5kHz
Sensitivity	100.3
Magnet Weight	38 oz
Gap Height	0.312", 7.92mm
Voice Coil Diameter	1.75", 44.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	101Hz
DC Resistance (Re)	14.0
Coil Inductance (Le)	0.77mH
Mechanical Q (Qms)	12.69
Electromagnetic Q (Qes)	1.11
Total Q (Qts)	1.02
Compliance Equivalent Volume (Vas)	35.9 ltr/1.3 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	64cc
Mechanical Compliance of Suspension (Cms)	0.09mm/N
BL Product (BL)	14.6 T-M
Diaphragm Mass inc. Airlod (Mms)	27 grams
Efficiency Bandwidth Product (EBP)	91
Maximum Linear Excursion (Xmax)	1.2mm
Surface Area of Cone (Sd)	519.5cm ²
Maximum Mechanical Limit (Xlim)	N/A

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

Coil Construction	Copper
Coil	Paper
Magnet Composition	Ferrite
Core Details	Non-Vented
Basket Materials	Pressed Steel
Cone Composition	Paper
Cone Edge Composition	Paper
Dust Cap Composition	Zurette



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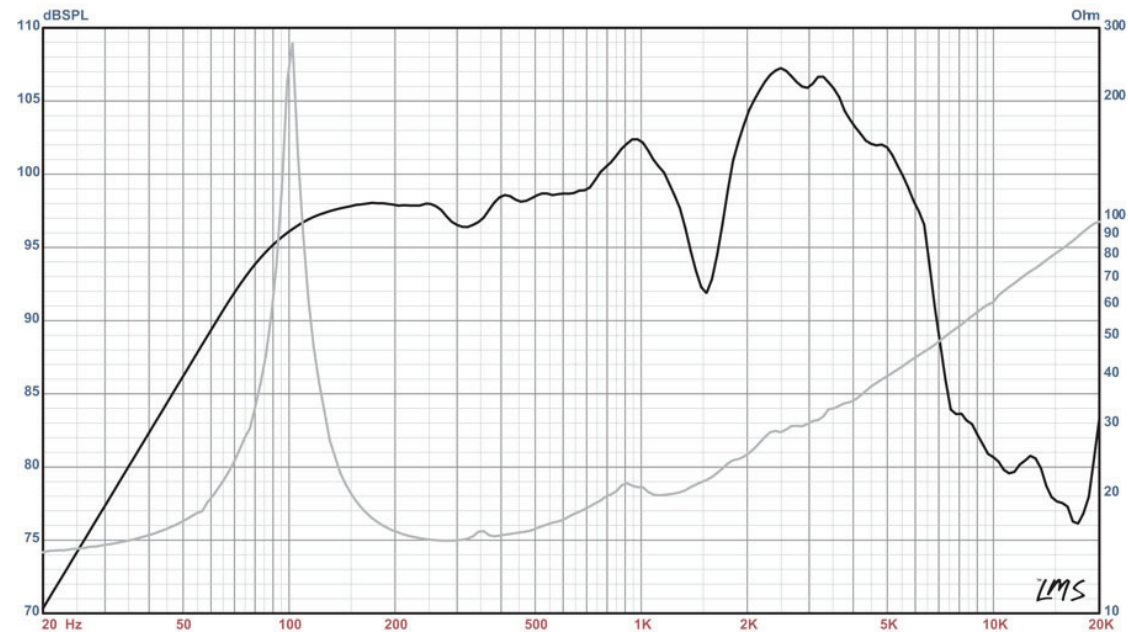
PRIVATE JACK™ 16

RED COAT™

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, nontemperature-controlled environment.

*** The average output across the usable frequency range when applying 1W/1m into the nominal impedance. I.e: 2.83 V/8 ohms, 4 V/16 ohms.

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 | 2 ft. X 2 ft. 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)