

Specification

Nominal Basket Diameter	12", 305mm
Nominal Impedance*	8 ohms
Power Rating**	50W
Resonance	105Hz
Usable Frequency Range***	70Hz-4kHz
Sensitivity	102
Magnet Weight	35 oz.
Gap Height	0.312", 7.92mm
Voice Coil Diameter	1.75", 44.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	104.86Hz
DC Resistance (Re)	6.45
Coil Inductance (Le)	0.61mH
Mechanical Q (Qms)	10.16
Electromagnetic Q (Qes)	0.71
Total Q (Qts)	0.66
Compliance Equivalent Volume (Vas)	34.08 liters / 1.2 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	42cc
Mechanical Compliance of Suspension (Cms)	0.09mm/N
BL Product (BL)	12.6 T-M
Diaphragm Mass inc. Airload (Mms)	26.6 grams
Efficiency Bandwidth Product (EBP)	147.6
Maximum Linear Excursion (Xmax)	0.8mm
Surface Area of Cone (Sd)	532.4 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	6.2", 157.5mm
Net Weight	9.3 lbs., 4.2 kg
Shipping Weight	10.2 lbs., 4.63 kg

Materials of Construction

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

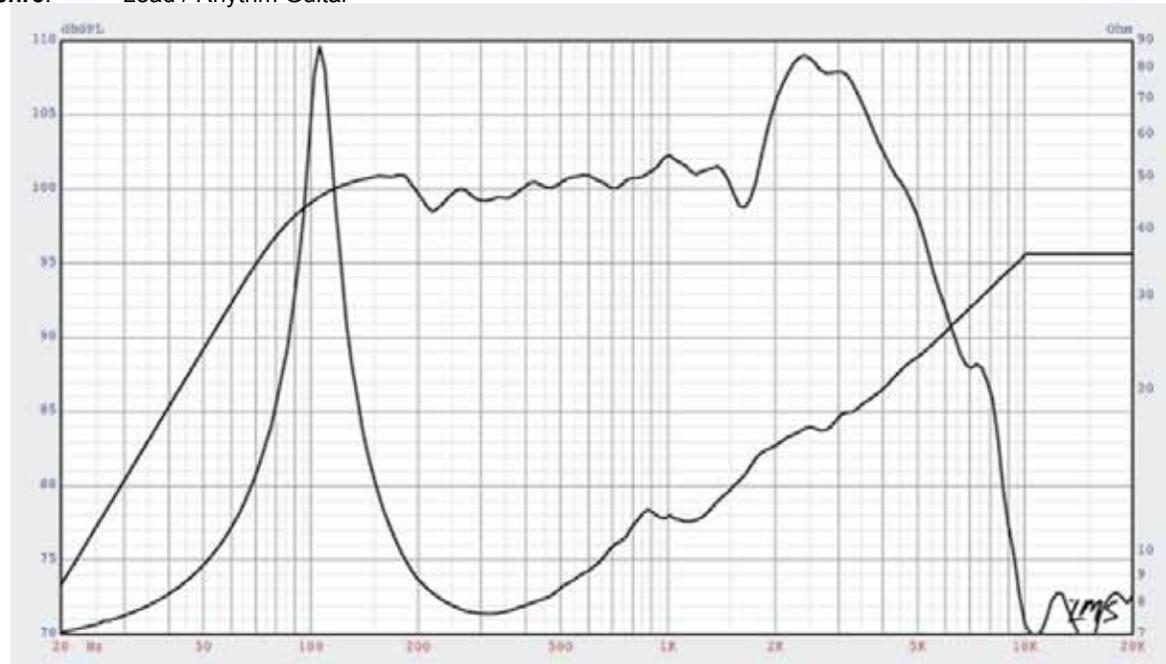


CANIS MAJOR™

canis major 12" Big Dog American guitar speaker with a hemp cone and monster tone.

Coloration: Clean and full, with lots of body and sparkle. Smokey smooth with high-end definition

Genre: Lead / Rhythm Guitar



* 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)