Specification

Nominal Basket Diameter	10”, 254mm
Nominal Impedance*	8 ohms
Power Rating**	50W
Resonance	149Hz
Usable Frequency Range***	80Hz-5kHz
Sensitivity	99.1
Magnet Weight	30 oz.
Gap Height	0.312”, 7.92mm
Voice Coil Diameter	1.75”, 44.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	149Hz
DC Resistance (Re)	6.31
Coil Inductance (Le)	0.46mH
Mechanical Q (Qms)	9.06
Electromagnetic Q (Qes)	0.93
Total Q (Qts)	0.84
Compliance Equivalent Volume (Vas)	10 liters / 0.35 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	29cc
Mechanical Compliance of Suspension (Cms)	0.05mm/N
BL Product (BL)	11.7 T-M
Diaphragm Mass inc. Airload (Mms)	22 grams
Efficiency Bandwidth Product (EBP)	160
Maximum Linear Excursion (Xmax)	0.8mm
Surface Area of Cone (Sd)	366.1 cm2
Maximum Mechanical Limit (Xlim)	

Mounting Information

Recommended Enclosure Volume	
Vented	Acceptable
Overall Diameter	10.11”, 256.8mm
Baffle Hole Diameter	9.13”, 231.8mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.23”, 5.7mm
Mounting Holes B.C.D.	9.60”, 243.8mm
Depth	4.3”, 109mm
Net Weight	6.3 lbs., 2.9 kg
Shipping Weight	7.4 lbs., 3.4 kg

Materials of Construction

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

EMINENCE®
The Art and Science of Sound

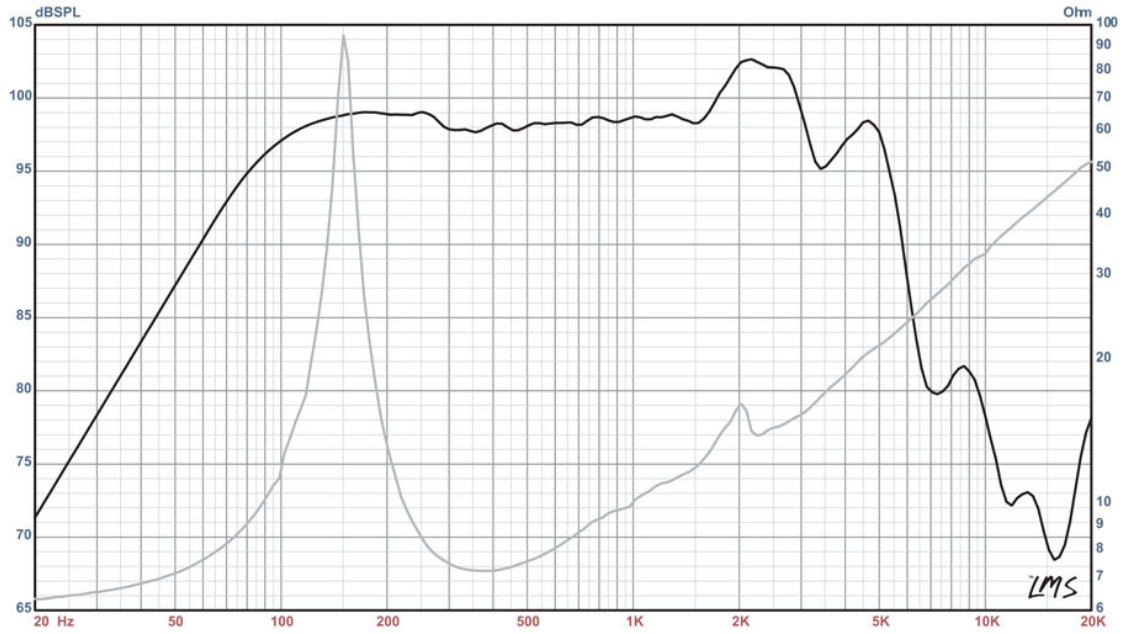
LIL’ BUDDY™

PATRIOT™

lil-buddy n. a clean and full 10” American guitar speaker with a hemp cone and monster tone

Coloration: A clean and full tone, slow to break-up, but crunchy when driven. Smoother and less defined than many 10 guitar speakers.

Genre: Jazz and Blues



* 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)