Specification

Nominal Basket Diameter	12”, 304.8mm
Nominal Impedance*	16 ohms
Power Rating**	50W
Resonance	92Hz
Usable Frequency Range***	65Hz-5.5kHz
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)	92Hz
DC Resistance (Re)	13.8
Coil Inductance (Le)	0.79mH
Mechanical Q (Qms)	11.51
Electromagnetic Q (Qes)	0.81
Total Q (Qts)	0.75
Compliance Equivalent Volume (Vas)	38.2 liters / 1.4 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	64cc
Mechanical Compliance of Suspension (Cms)	0.10mm/N
BL Product (BL)	17.3 T-M
Diaphragm Mass inc. Airload (Mms)	30 grams
Efficiency Bandwidth Product (EBP)	113
Maximum Linear Excursion (Xmax)	1.2mm
Surface Area of Cone (Sd)	519.5 cm2
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	8.3 lbs., 3.8 kg
Shipping Weight	10 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

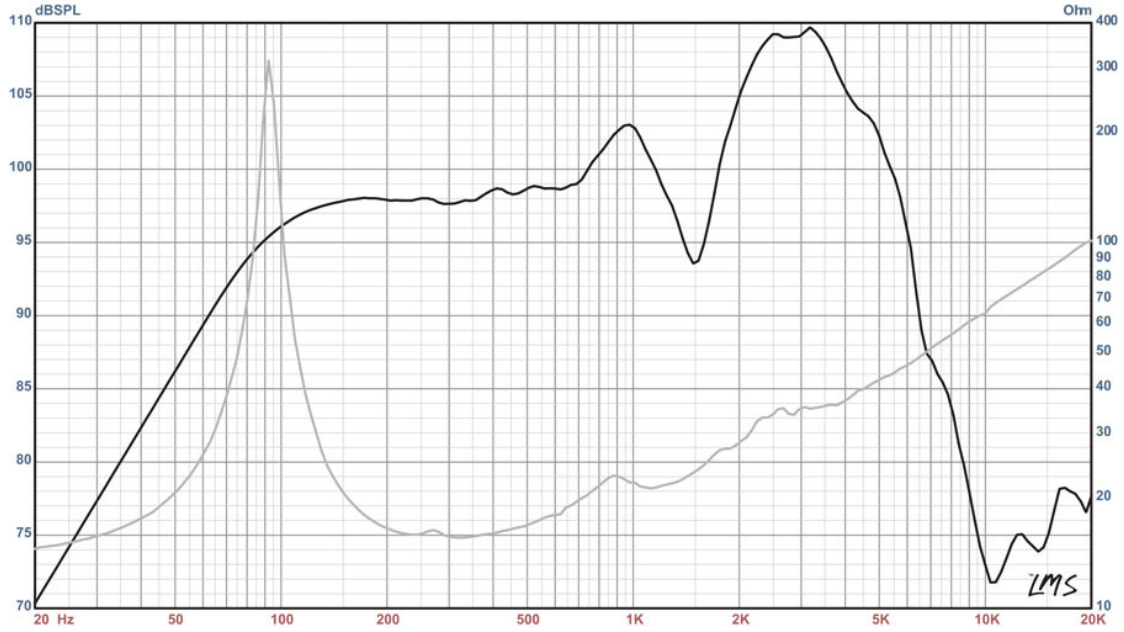
SCREAMIN EAGLE™ 16

PATRIOT™

scream’in ea’gle n. a loud, bright, and well-defined American guitar speaker

Coloration: Bright and articulate tone with screamin’ top end and tight bass

Genre: Good club speaker for American Blues and Rock



* 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)