

BASS GUITAR SERIES

LEGEND B810

A 32 ohm, 10" bass guitar speaker offering classic sound with modern features. A perfect replacement for your 8x10 cabinet.



SPECIFICATION

Nominal Basket Diameter	10", 254 mm
Nominal Impedance*	32 Ω
Power Rating**	
Watts	150 W
Music Program	300 W
Resonance	52 Hz
Usable Frequency Range	49 Hz – 5.1 kHz
Sensitivity***	92.7 dB
Magnet Weight	30 oz.
Gap Height	0.312", 7.9 mm
Voice Coil Diameter	2", 51 mm

THIELE & SMALL PARAMETERS*

Fs	52 Hz
Re	27.5 Ω
Le	2.72 mH
Qms	13.91
Qes	0.68
Qts	0.65
Vas	2.34 cu.ft., 66.4 liters
Vd	165.2 cc
Cms	0.39 mm/N
BL	17.7 T-M
Mms	24 grams
EBP	77
Xmax	4.7 mm
Sd	350.1 cm ²
Xlim	9.5 mm

MOUNTING INFORMATION

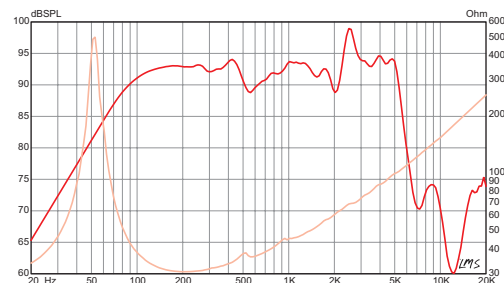
Recommended Enclosure Volume	Sealed	14–35 liters, 0.5–1.3 cu.ft.
	Vented	45.76–76 liters, 1.6–2.7 cu.ft.
Driver Volume Displaced		0.039 cu.ft., 1.1 liters
Overall Diameter		10.11", 256.8 mm
Baffle Hole Diameter		9.13", 231.9 mm
Front Sealing Gasket		Yes
Rear Sealing Gasket		Yes
Mounting Holes Diameter		0.23", 5.8 mm
Mounting Holes B.C.D.		9.6", 243.8 mm
Depth		4.08", 103.6 mm
Net Weight		6.7 lbs , 3.04 kg
Shipping Weight		7.9 lbs , 3.58 kg



MATERIALS OF CONSTRUCTION

Copper voice coil	
Kapton former	
Ferrite magnet	
Bumped	
Pressed steel basket	
Paper cone	
Cloth cone edge	
Zurette dust cap	

32 Ω FREQUENCY RESPONSE*





From design and manufacturing to the stage or studio. Once you've experienced the performance of Eminence, you'll never accept anything else.

MISSION STATEMENT

Eminence is dedicated to providing the best Quality, Value and Service to meet our customers' needs.

FOOTNOTES

- * Please consult www.eminence.com for specifications of models with alternative impedances.
- ** Multiple units exceed published ratings evaluated under EIA 426A specification while tested in a free-air, non-temperature-controlled environment.
- *** The average output across the usable frequency range when applying 1W/1m into the nominal impedance. i.e: 2.83V/8Ω, 4V/16Ω. 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 | Carver PM-120 amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).
- **** BETA 8CX, 10CX, and 12CX are coaxial speakers with tweeter sold separately. Published usable frequency response contingent upon use of ASD:1001 HF Driver.
- ***** Multiple units exceeded published ratings evaluated under EIA-426A or AES specification while mounted on Eminence's H290, H290S, or H2EA horn in a non-temperature-controlled environment.
- *****The average on axis output across the entire usable frequency range when applying 1W/1m into the nominal impedance, i.e. 2.83V/8Ω, 4V/16Ω. 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 horn front mounted | Carver PM-120 amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).

Prices, specifications and product cosmetics are subject to change without notice.

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