

## BASS GUITAR

# LEGEND B810

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

- 300 W Program Power
- 10" Nominal Diameter
- 32  $\Omega$

### ENCLOSURE

- Sealed Box
- Vented Box

### SPECIFICATION

Nominal Basket Diameter	10", 254 mm
Nominal Impedance*	32 $\Omega$
Power Rating*	
Program Power	300 W
Nominal Power	150 W
Resonance	52 Hz
Usable Frequency Range	49 Hz – 5.1 kHz
Sensitivity*	92.7 dB
Magnet Weight	30 oz.
Gap Height	0.31", 7.9 mm
Voice Coil Diameter	2", 51 mm

### MATERIALS OF CONSTRUCTION

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



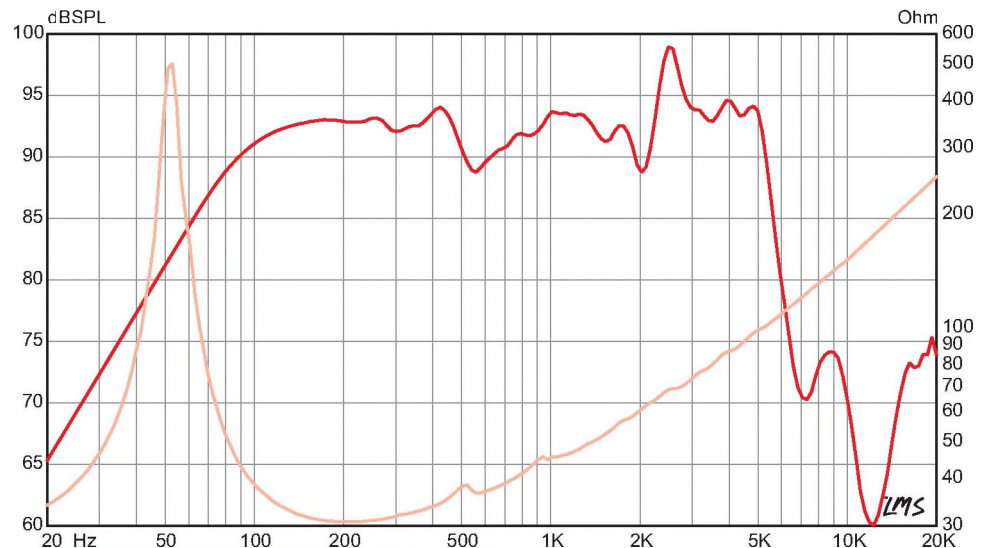
### THIELE & SMALL PARAMETERS

Fs	52 Hz
Re	27.5 $\Omega$
Le	2.72 mH
Qms	13.91
Qes	0.68
Qts	0.65
Vas	2.34 cu.ft., 66.4liters
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 <sup>2</sup>
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

### FREQUENCY RESPONSE & IMPEDANCE CURVE\*



\* See footnotes on page 155 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.