

BASS GUITAR

LEGEND BP122

A 12" bass guitar driver that delivers warm, rich tone and deep bass. A big brother to the popular 10" Legend BP102, this 250 watt driver is at home in small sealed enclosures, and also works well in pro audio and home hi-fi applications.

- 500 W Program Power
- 12" Nominal Diameter
- 8 Ω

PRO AUDIO USAGE

- Midrange
- Midbass
- Woofer
- Subwoofer

ENCLOSURE

- Sealed Box
- Vented Box

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	500 W
Nominal Power	250 W
Resonance	35 Hz
Usable Frequency Range	35 Hz – 2.3 kHz
Sensitivity*	94.1 dB
Magnet Weight	38 oz.
Gap Height	0.31", 7.9 mm
Voice Coil Diameter	2", 51 mm

MATERIALS OF CONSTRUCTION

- Copper voice Coil
- Polyimide former
- Ferrite magnet
- Non-vented core
- Pressed Steel basket
- Paper cone
- Cloth cone edge
- Solid composition felt dust cap



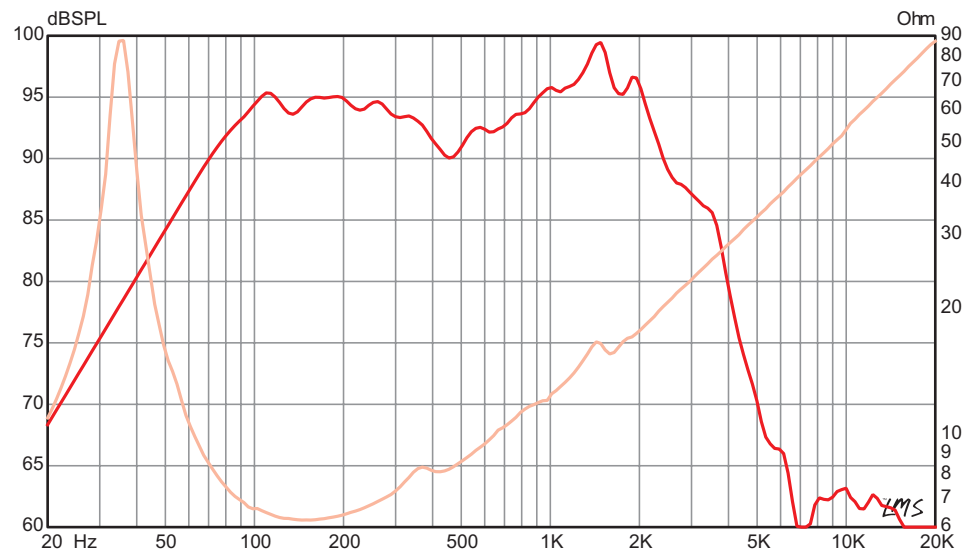
THIELE & SMALL PARAMETERS

Fs	35 Hz
Re	5.66 Ω
Le	0.84 mH
Qms	9.26
Qes	0.57
Qts	0.54
Vas	5.56 cu.ft., 157.4liters
Vd	330.1 cc
Cms	0.4 mm/N
BL	10.55 T-M
Mms	50 grams
EBP	62
Xmax	6.2 mm
Sd	532.4 cm ²
Xlim	12.4 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	22.65–106.19 liters, 0.8–3.75 cu.ft.
Vented	56.63–169.9 liters, 2–6 cu.ft.
Driver Volume Displaced	0.071 cu.ft., 2 liters
Overall Diameter	12.26", 311.4 mm
Baffle Hole Diameter	11.08", 281.4 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	11.71", 297.4 mm
Depth	5.33", 135.3 mm
Net Weight	9 lbs., 4.08 kg
Shipping Weight	11 lbs., 4.99 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*



* See footnotes on page 2 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.

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FOOTNOTES

IMPEDANCE

Please consult www.eminence.com for specifications of models with alternative impedances.

POWER RATING

Multiple units exceed published ratings evaluated under EIA 426A specification while tested in a free-air, non-temperature-controlled environment. Multiple compression drivers 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.

SENSITIVITY

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 | Yamaha P3500S amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custom-made wedges). Compression drivers were tested using a 2ft x 2ft baffle built into the wall with horn front mounted.

COAXIALS

BETA 8CX, 10CX, and 12CX are coaxial speakers with tweeter sold separately. Published usable frequency response contingent upon use of ASD:1001 HF Driver.

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

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