

## BASS GUITAR

# LEGEND BP1525

A 15" bass guitar driver that delivers warm, rich tone and deep bass. A big brother to the popular 10" Legend BP102, this 700 watt driver is at home in small sealed enclosures, and also works well in pro audio and home hi-fi applications.

- **700 W** Program Power
- **15"** Nominal Diameter
- **8 Ω**

### PRO AUDIO USAGE

- Midrange
- Midbass
- Woofer
- Subwoofer

### ENCLOSURE

- Sealed Box
- Vented Box

### SPECIFICATION

Nominal Basket Diameter	15", 381 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	700 W
Nominal Power	350 W
Resonance	32 Hz
Usable Frequency Range	35 Hz – 2.1 kHz
Sensitivity*	96.6 dB
Magnet Weight	56 oz.
Gap Height	0.31", 7.9 mm
Voice Coil Diameter	2.5", 64 mm

### THIELE & SMALL PARAMETERS

Fs	32 Hz
Re	6.65 Ω
Le	1.12 mH
Qms	11.21
Qes	0.5
Qts	0.48
Vas	14.02 cu.ft., 397 liters
Vd	530.9 cc
Cms	0.39 mm/N
BL	13.07 T-M
Mms	65 grams
EBP	63
Xmax	6.2 mm
Sd	856.3 cm <sup>2</sup>
Xlim	14.3 mm

### MOUNTING INFORMATION

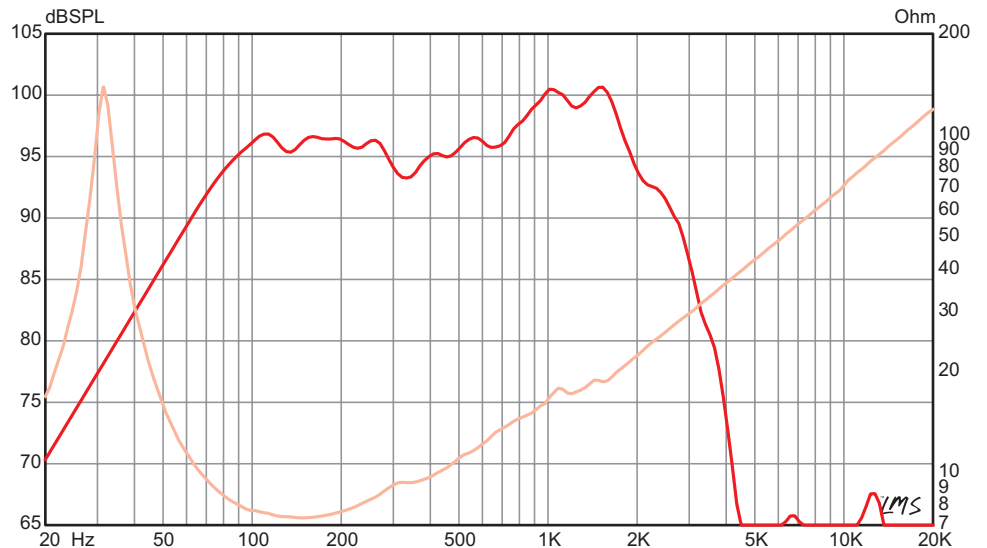
Recommended Enclosure Volume	
Sealed	42.48–158.58 liters, 1.5–5.6 cu.ft.
Vented	90.61–198.22 liters, 3.2–7 cu.ft.
Driver Volume Displaced	0.128 cu.ft., 3.62 liters
Overall Diameter	15.15", 384.8 mm
Baffle Hole Diameter	13.9", 353.1 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	14.56", 369.8 mm
Depth	6.61", 168 mm
Net Weight	12 lbs, 5.44 kg
Shipping Weight	14 lbs, 6.35 kg

### MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Vented and extended core
- Pressed Steel basket
- Paper cone
- Cloth cone edge
- Solid composition felt dust cap



### 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](http://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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