

## BASS GUITAR

# LEGEND CA1059

A larger magnet version of the popular Legend CA10, the Legend CA1059 is a 10" cast-frame bass guitar speaker modeled after the original OEM spec with the punch and clarity that defined the sound of many popular Eden cabinets throughout the decades. Like the CA10, the CA1059's chassis is truncated on the sides for tight fitting in 2x, 4x, and 8x10 configurations. Along with higher Xmax, the CA1059 also features a larger 59 oz. ferrite magnet, producing higher efficiency, and lower Qts for dampening than its smaller magnet version.

- **500 W** Program Power
- **10"** Nominal Diameter
- **8 Ω**

### ENCLOSURE

Sealed Box	<input type="checkbox"/>
Vented Box	<input checked="" type="checkbox"/>

### SPECIFICATION

Nominal Basket Diameter	10", 254 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	500 W
Nominal Power	250 W
Resonance	48 Hz
Usable Frequency Range	50 Hz – 3.2 kHz
Sensitivity*	98.7 dB
Magnet Weight	59 oz.
Gap Height	0.31", 7.9 mm
Voice Coil Diameter	2", 51 mm

### MATERIALS OF CONSTRUCTION

Edge wound aluminum voice coil  
 Polyimide former  
 Ferrite magnet  
 Die-cast aluminum basket  
 Paper cone  
 Cloth cone edge  
 Treated paper dust cap



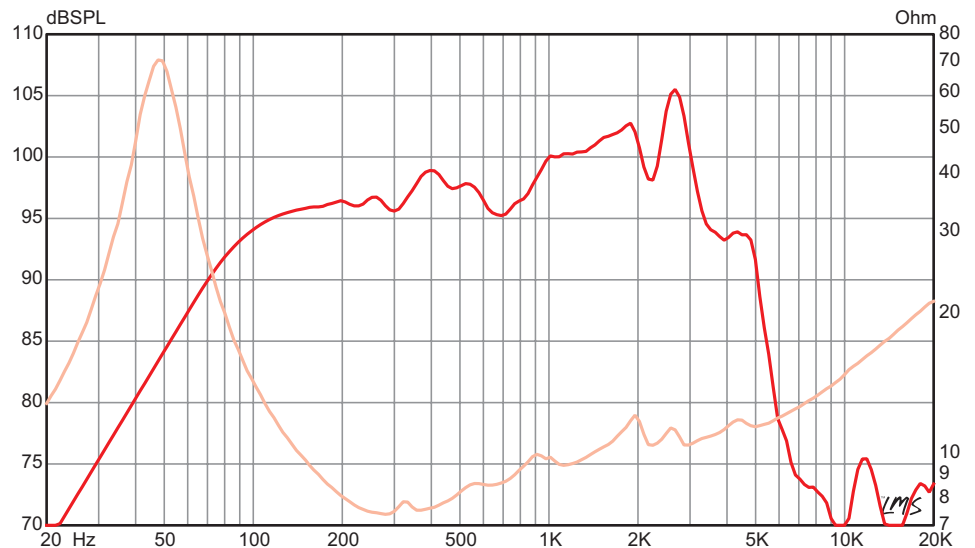
### THIELE & SMALL PARAMETERS

Fs	48 Hz
Re	5.53 Ω
Le	0.11 mH
Qms	3.27
Qes	0.28
Qts	0.26
Vas	2.52 cu.ft., 71.47 liters
Vd	165.3 cc
Cms	0.42 mm/N
BL	12.54 T·M
Mms	27 grams
EBP	169
Xmax	4.72 mm
Sd	350.1 cm <sup>2</sup>
Xlim	8 mm

### MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	N/A
Vented	18.82–70.79 liters, 0.70–2.5 cu.ft.
Driver Volume Displaced	0.061 cu.ft., 1.72 liters
Major Diameter	10.5", 266.7 mm
Flat to Flat Diameter	10.14", 257.6 mm
Baffle Hole Diameter	9.01", 228.9 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.3", 7.6 mm
Mounting Holes B.C.D.	9.71", 246.5 mm
Depth	4.53", 115.1 mm
Net Weight	11.2 lbs., 5.08 kg
Shipping Weight	12.7 lbs., 5.76 kg

### FREQUENCY RESPONSE & IMPEDANCE CURVE\*



VISIT [EMINENCE.COM](http://EMINENCE.COM) TO FIND A DEALER NEAR YOU.

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



*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](http://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.

**EMINENCE SPEAKER LLC**

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