

BASS GUITAR

LEGEND CA1059

A larger magnet version of the popular Legend CA10, the Legend CA1059 is a 10" cast-frame bass guitar speaker with a proven track record as THE speaker for punch and clarity in many famous OEM 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 or 16 Ω

ENCLOSURE

- Sealed Box
- Vented Box

SPECIFICATION

Nominal Basket Diameter	10", 254 mm
Nominal Impedance*	8 or 16 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



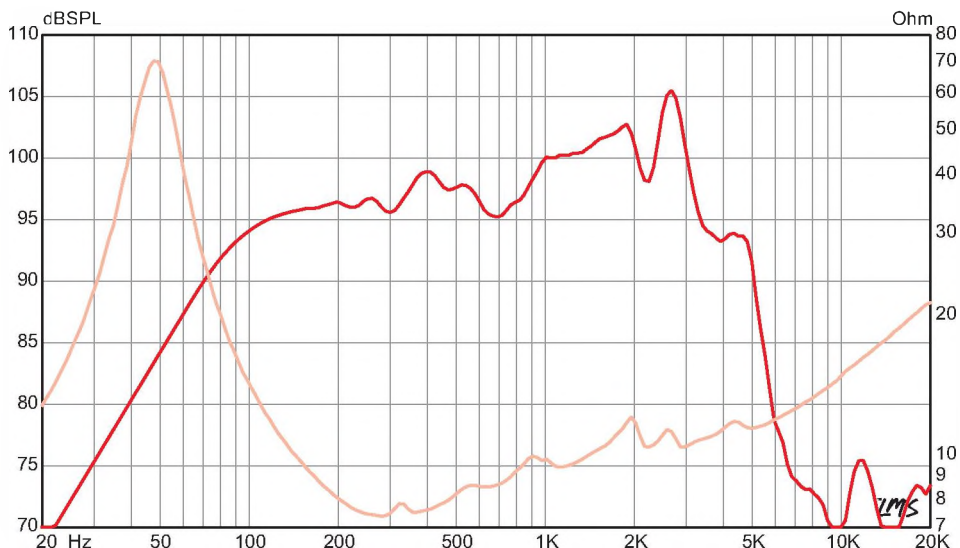
THIELE & SMALL PARAMETERS

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 ²
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*



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