LAB12C

Recommended for vented, sealed, and horn loaded, professional audio enclosures as a subwoofer. A popular choice for electronic dance music (EDM) and car audio subwoofers.

**SPECIFICATION**
- Nominal Basket Diameter: 12", 305 mm
- Nominal Impedance*: 4 Ω
- Power Rating**: 500 W
- Music Program: 1000 W
- Resonance: 23 Hz
- Usable Frequency Range: 25 Hz – 0.1 kHz
- Sensitivity***: 88.9 dB
- Magnet Weight: 160 oz.
- Gap Height: 0.375", 9.5 mm
- Voice Coil Diameter: 2.5", 64 mm

**THIELE & SMALL PARAMETERS**
- Fs: 23 Hz
- Re: 3.11 Ω
- Le: 1.09 mH
- Qms: 11.7
- Qes: 0.34
- Vas: 4.53 cu.ft., 128.31 liters
- Vd: 659 cc
- Bl: 13.36 T-M
- Mms: 136 grams
- EBP: 67
- Xmax: 13 mm
- Sd: 506.7 cm²
- Xlim: 22 mm

**MOUNTING INFORMATION**
- Recommended Enclosure Volume
  - Sealed: 28.32 – 118.93 liters, 1 – 4.2 cu.ft.
  - Vented: 39.64 – 141.59 liters, 1.4 – 5 cu.ft.
- Driver Volume Displaced: 0.109 cu.ft., 3.09 liters
- Overall Diameter: 12.32", 312.9 mm
- Baffle Hole Diameter: 11.04", 280.4 mm
- Rear Sealing Gasket: Yes
- Sealed Box: N/A
- Vented Box: Yes
- Scoop Loading: No
- Horn Loading: No

**MATERIALS OF CONSTRUCTION**
- Copper voice coil
- Polyimide former
- Double stacked 80 oz. ferrite magnets
- Vented and extended core
- 12-spoke die-cast aluminum basket
- Kevlar-reinforced paper cone
- Foam cone edge
- Dual inverted dust caps

**FREQUENCY RESPONSE & IMPEDANCE CURVE**

LEARN MORE AT EMINENCE.COM
Please consult 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.