LAB12

Recommended for vented, sealed, and horn loaded, professional audio enclosures as a subwoofer. Also great as an automotive sub.

**SPECIFICATION**

- **Nominal Basket Diameter**: 12.0", 305 mm
- **Nominal Impedance**: 6 Ω
- **Power Rating**: 400 W
- **Music Program**: 800 W
- **Resonance**: 22 Hz
- **Usable Frequency Range**: 25 Hz – 0.1 kHz
- **Sensitivity**: 89.2 dB
- **Tangent**: 0.35 mm/N
- **Minimum Impedance**: 6 Ω
- **Nominal Impedance**: 4.29 Ω
- **Re**: 4.29 Ω
- **Le**: 1.48 mH
- **Qms**: 13.32
- **Qes**: 0.39
- **Qts**: 0.38
- **Vas**: 4.42 cu.ft., 125.20 liters
- **Vd**: 659.0 cc

**MOUNTING INFORMATION**

- **Recommended Enclosure Volume**: Sealed 22.70–28.30 liters, 0.80–1.00 cu.ft.
- **Driver Volume Displaced**: Vented 45.30–101.90 liters, 1.60–3.60 cu.ft.
- **Recommended Volume Displaced**: 0.109 cu.ft., 3.09 liters

**THIELE & SMALL PARAMETERS**

- **Fs**: 22 Hz
- **Re**: 4.29 Ω
- **Le**: 1.48 mH
- **Qms**: 13.32
- **Qes**: 0.39
- **Qts**: 0.38
- **Vas**: 4.42 cu.ft., 125.20 liters
- **Vd**: 659.0 cc

**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
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 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.