**BETA-12LTA**

Recommended for professional audio as a woofer in small sealed monitors, or as a PA woofer or monitor in a vented enclosure.

### SPECIFICATION

- **Nominal Basket Diameter**: 12.0", 305 mm
- **Nominal Impedance***: 8 Ω
- **Power Rating****: 225 W, 450 W
- **Music Program**: 450 W
- **Resonance**: 45 Hz
- **Usable Frequency Range**: 48 Hz – 8.0 kHz
- **Sensitivity*******: 97.7 dB
- **Gap Height**: .312", 7.9 mm
- **Voice Coil Diameter**: 2.0", 51 mm

### THIELE & SMALL PARAMETERS*

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<tr>
<th>Parameter</th>
<th>Nominal</th>
<th>Fs</th>
<th>Re</th>
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<th>Qms</th>
<th>Qes</th>
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<td>Fs</td>
<td>45 Hz</td>
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<td>Re</td>
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### MOUNTING INFORMATION

- **Recommended Enclosure Volume**
  - **Sealed**: 14.00–51.00 liters, 0.50–1.80 cu.ft.
  - **Vented**: 56.60–116.00 liters, 2.00–4.10 cu.ft.
- **Driver Volume Displaced**: 0.071 cu.ft., 2.00 liters
- **Overall Diameter**: 12.03", 305.6 mm
- **Baffle Hole Diameter**: 11.07", 281.2 mm
- **Front Sealing Gasket**: Yes
- **Rear Sealing Gasket**: Yes
- **Mounting Holes Diameter**: 0.25", 6.4 mm
- **Mounting Holes B.C.D.**: 11.59", 294.4 mm
- **Depth**: 4.47", 113.5 mm
- **Net Weight**: 8.10 lbs, 3.67 kg
- **Shipping Weight**: 10.20 lbs, 4.63 kg

### MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Vented core
- Pressed steel basket
- Paper cone
- Cloth cone edge
- Solid composition paper dust cap

### FREQUENCY RESPONSE & IMPEDANCE CURVE*

![Frequency Response & Impedance Curve](image-url)

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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.