Eminence®

Neodymium Series

Kappalite™ 3012LF

Recommended for pro audio and bass in vented enclosures.

### Specification

- **Nominal Basket Diameter**: 12.0", 305 mm
- **Nominal Impedance**: 8 Ω
- **Power Rating**: 450 W
- **Music Program**: 900 W
- **Resonance**: 37 Hz
- **Usable Frequency Range**: 46 Hz – 2.0 kHz
- **Sensitivity**: 95.5 dB
- **Magnet Weight**: 11 oz.
- **Gap Height**: .365", 9.3 mm
- **Voice Coil Diameter**: 3.0", 76 mm

### Thiele & Small Parameters

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<th>Parameter</th>
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<th>Qms</th>
<th>Qes</th>
<th>Qts</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>37 Hz</td>
<td>5.60 Ω</td>
<td>0.98 mH</td>
<td>6.94</td>
<td>0.34</td>
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### Mounting Information

- **Recommended Enclosure Volume**
  - Sealed: 23.00–59.00 liters, 0.80–2.10 cu.ft.
  - Vented: 37.00–85.00 liters, 1.30–3.00 cu.ft.
- **Driver Volume Displaced**: 0.055 cu.ft., 1.56 liters
- **Overall Diameter**: 12.38", 314.5 mm
- **Baffle Hole Diameter**: 11.06", 280.9 mm
- **Front Sealing Gasket**: Yes
- **Rear Sealing Gasket**: Yes
- **Mounting Holes Diameter**: 0.28", 7.1 mm
- **Mounting Holes B.C.D.**: 11.62", 295.2 mm
- **Depth**: 9.10 mm
- **Net Weight**: 496.0 cc
- **Shipping Weight**: 72 grams
- **Baffle Hole Diameter**: 6.00", 152.4 mm
- **Rear Sealing Gasket**: Yes
- **Mounting Holes Diameter**: 9.10 mm
- **Net Weight**: 72 grams
- **Shipping Weight**: 11.62", 295.2 mm
- **Depth**: 6.00", 152.4 mm

### Materials of Construction

- Copper voice coil
- Kapton former
- Neodymium magnet
- Vented core
- Die-cast aluminum basket
- Treated paper cone
- Sealed cloth Edge
- Treated paper dust cap

### Frequency Response & Impedance Curve

[Graph showing frequency response and impedance curve]
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.