**PRODUCT OVERVIEW**
eCMP8 is a 150W high efficiency musical projector ready for outdoor applications due to its waterproof and sun screening building material (IP56). It performs an 8” LF driver and 1.4” HF coaxial driver, 150W @ 8Ω nominal power and 70/100V line transformer with 37, 5/75/150W/8Ω power options.

**KEY FEATURES**
- Weatherproof 2-way music projector.
- 150 W @ 8Ω
- Power options 100V: 37.5/75/150W/OFF and 8 Ω
- Power options 70V: 18.75/37.5/75W/OFF and 8 Ω
- Max SPL (Peak) :125dB
- Frequency response (-10dB): 87Hz – 20kHz.
- Dispersion (HxV): 135° x 135°.
- Weather-resistant IP56 rating.
- Input & output connection via terminal block.
- Material: Polypropylene, aluminium (grille), hot-dipped galvanized steel (U-bracket).

**APPLICATIONS**
- Commercial
- Hospitality
- Education
- Corporate
- Sports and wellness
- House of worship
- Leisure
**TECHNICAL SPECIFICATIONS**

### eCMP8 System

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective frequency range</td>
<td>87 Hz-20 kHz</td>
</tr>
<tr>
<td>Coverage angle</td>
<td>135°x135° (HxV)</td>
</tr>
<tr>
<td>Power handling</td>
<td>150 W RMS / 600 W Peak</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>97dB (1W/1m)</td>
</tr>
<tr>
<td>Maximum SPL</td>
<td>119 dB continuous / 125 dB peak</td>
</tr>
<tr>
<td>Power options</td>
<td>100V: 150W / 75W / 37.5W / OFF and 8Ω</td>
</tr>
<tr>
<td></td>
<td>70V: 75W / 37.5W / 18.75W / OFF and 8Ω</td>
</tr>
<tr>
<td>Recommended amplifier power</td>
<td>300 W RMS</td>
</tr>
</tbody>
</table>

### Transducers

- **Ways**: 2-ways long throw
- **Low Frequency driver**: 8"
- **High Frequency driver**: 1.4" coaxial
- **Nominal impedance**: 8Ω

### Filters

- **Crossover filter**: 2.1 kHz

### Physical

- **Connection type**: Terminal block (input+output)
- **Environmental**: IP56
- **Enclosure material**: Polypropylene
- **Grille material**: Aluminium
- **Mounting system**: Hot-dipped galvanized steel U-bracket
- **Operating temperature**
  - Min: -10°C; 14°F
  - Max: 40°C; 104°F
- **Operating humidity**: <85% HR
- **Storage temperature**
  - Min: -10°C; 14°F
  - Max: 40°F; 104°F
- **Storage humidity**: <90% HR
- **Finished color**: Grey (RAL 538C)
- **Dimensions (WxHxD)**
  - 300 x 302 x 280 mm / 11.8 x 11.9 x 11.02 in.
  - (If the mounting bracket is added the total depth will be 334mm / 13.2")
- **Weight**: 11.0 kg / 24.3 lb
- **Shipping Dimensions (WxHxD)**
  - 360 x 355 x 335 mm / 14.17 x 13.98 x 13.19 in
- **Shipping Weight**: 11.7 kg / 25.79 lb

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1. 10dB below the sound pressure level at specified sensitivity
2. 6dB below the sound pressure level than that at the direction of maximum level. Average from 1 kHz to 4 kHz.
3. Measured on-axis, far field and referenced to 1 meter by inverse square law. Average from 100 Hz to 10 kHz.
4. Calculated from sensitivity and power handling specifications, exclusive of power compression
FREQUENCY RESPONSE ON-AXIS

POLAR DIAGRAMS
All product characteristics are subject to variation due to production tolerances.

NEEC AUDIO BARCELONA S.L. reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical queries contact your supplier, distributor or complete the contact form on our website, in Support / Technical requests.

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