HLA-2050 RP
Hybrid Line Array Series

True Sound Engagement in Large Venues

DESCRIPTION
The HLA-2050 RP is a hybrid integration of a twenty element J-array loudspeaker and dipole directional low frequency loudspeakers. It is powered by a 60000-watt Powersoft amplifier with on-board DSP.

The J-array portion contains twenty 3.5" mid-frequency drivers and twenty ribbon high frequency drivers. The dipole has four 6.5" mid-bass drivers and two 15" high output low frequency drivers, in a unique staged configuration to extend vertical LF control.

It has been preconfigured in an asymmetrical 120°H x 50° V coverage pattern with vertical directivity to 96 Hz, and low frequency response to 50 Hz.

KEY FEATURES
- Asymmetrical 120° H x 50° V Coverage
- 6000-watts of class D power and DSP by Powersoft
- Maintains Vertical Control to 96 Hz

APPLICATIONS
- Churches
- Lecture Halls
- Presentation Spaces
- Performing Arts Centers

DESCRIPTIVE DATA

<table>
<thead>
<tr>
<th>System Configuration:</th>
<th>Biamped hybrid integration of a curvilinear M/H line array and a low frequency dipole</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components &amp; Loading:</td>
<td>(20) 3.5&quot; MF drivers; (20) 3&quot; ribbon HF drivers; (4) 6.5&quot; mid-bass drivers; &amp; (2) 15&quot; LF drivers</td>
</tr>
<tr>
<td>Input:</td>
<td>Balanced line level with XLR</td>
</tr>
<tr>
<td>Enclosure Type:</td>
<td>Curvilinear array: sealed enclosure</td>
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<tr>
<td></td>
<td>Dipole mid-bass: sealed enclosure</td>
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<tr>
<td></td>
<td>Dipole LF: sealed enclosure</td>
</tr>
<tr>
<td>Enclosure Material:</td>
<td>Steel, aluminum &amp; Baltic Birch plywood</td>
</tr>
<tr>
<td>Finish:</td>
<td>Black or White standard (custom colors available)</td>
</tr>
<tr>
<td>Suspension Hardware:</td>
<td>(2) 3/8-16 threaded points on each side; steel yoke included</td>
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<tr>
<td>Grille:</td>
<td>Painted perforated steel</td>
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</tbody>
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NOMINAL DATA

<table>
<thead>
<tr>
<th>Frequency Response:</th>
<th>50 – 20,000 Hz ±3 dB</th>
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<tbody>
<tr>
<td>Managed Class D Power:</td>
<td>6000 W RMS</td>
</tr>
<tr>
<td>Maximum Long-Term Output:</td>
<td>132 dB</td>
</tr>
<tr>
<td>Peak Output:</td>
<td>138 dB</td>
</tr>
<tr>
<td>Nominal Coverage Angles:</td>
<td>120° H x 50° V</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>Height: 67.13&quot; / 1705 mm</td>
</tr>
<tr>
<td></td>
<td>Width: 21.13&quot; / 537 mm</td>
</tr>
<tr>
<td></td>
<td>Depth: 15.00&quot; / 381mm</td>
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<tr>
<td>Net Weight:</td>
<td>216 lbs / 98.2 kg</td>
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<tr>
<td>Shipping Weight:</td>
<td>246 lbs / 111.8 kg</td>
</tr>
</tbody>
</table>
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DIMENSIONAL DRAWINGS

INCLUDED HARDWARE

U-bracket