Christie Vive Audio
LA Series
LA4S line array surround loudspeaker

<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>Christie LA4S</th>
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<tbody>
<tr>
<td>System type</td>
<td>• Coaxial parabolic ribbon driver line array, 2-way, passive, in a single ported enclosure</td>
</tr>
<tr>
<td>Driver components</td>
<td>• 4 x 6&quot; ribbon drivers with Kapton® diaphragm and Neodymium magnets • 4 x 6.5&quot; paper/Kevlar composite mid-bass drivers with Neodymium magnets</td>
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<tr>
<td>Crossover</td>
<td>• Linear phase, passive, symmetric crossover @ 1.5kHz, 24dB/octave</td>
</tr>
<tr>
<td>Frequency response¹</td>
<td>• 60Hz-20kHz @ -6dB</td>
</tr>
<tr>
<td>Maximum SPL²</td>
<td>• 128.5dB (AES) continuous • 140.5dB peak</td>
</tr>
<tr>
<td>System coverage¹</td>
<td>• 120° horizontal dispersion • 60° vertical dispersion</td>
</tr>
<tr>
<td>Sensitivity¹, 1W/1m</td>
<td>• 100dB (200Hz-3kHz)</td>
</tr>
<tr>
<td>Power handling³</td>
<td>• 700W (AES) continuous • 1400W (IEC) short term</td>
</tr>
<tr>
<td>Recommended amplifier power</td>
<td>• 715-1165W (FTC) @ 3 ohms</td>
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<tr>
<td>Rated impedance</td>
<td>• 3 ohms</td>
</tr>
<tr>
<td>Input connectors</td>
<td>• Screw terminal barrier strip</td>
</tr>
<tr>
<td>Enclosure</td>
<td>• Ventied box alignment • 18mm marine plywood • Heavily damped and braced</td>
</tr>
<tr>
<td>Mounting options</td>
<td>• Wall or ceiling mounted using 4 x M8 points • Flown using 2 x M10 on top and 1 x M8 on rear</td>
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<tr>
<td>Accessories (optional)</td>
<td>• Allen Products MultiMount MM-024 (111-681207-01) or MM-060 (111-682208-01) for wall mounting • MM-3RDX-18 (111-683209-01) for ceiling mounting • 3 x Allen Products RK-1C Rigging Kit 1 x Cable (111-686202-01) for flying⁴ • 18&quot; Safety Cable (003-006320-01) • 72&quot; Safety Cable (003-006321-01)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>• (LxWxH) 15.7 x 10.6 x 23.4&quot; (399 x 268 x 595mm)</td>
</tr>
<tr>
<td>Net weight</td>
<td>• 51lbs (23kg)</td>
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<tr>
<td>Warranty</td>
<td>• Limited 5-year warranty</td>
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</tbody>
</table>

¹ Measured at distances of 4m and 8m in simulated, free field and ground plane conditions. Sensitivity is calculated based on measured SPL response averaged in 200Hz-5kHz range and scaled back to 1m.

² AES refers to AES2-2012 standard. IEC refers to IEC 60268-5 standard. Max SPL calculated based on sensitivity and power handling.

³ System type

⁴ IEC short-term power tested using IEC pink noise with 9dB crest factor. The crest factor was specifically increased to reflect real-life parameters of digital cinema sound tracks. Maximum peak SPL calculated using peak voltage during IEC short-term power test.

⁵ Averaged in 500Hz-16kHz range, at -6dB

⁶ 4 cables required when flown. See User Manual for details.

Front view
Side view
Top view
Back view

For the most current specification information, please visit www.christiedigital.com

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