**Christie Vive Audio**

**LA5 Series**

**LA5 line array loudspeaker**

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### Technical Specifications Christie LA5

<table>
<thead>
<tr>
<th>Specification</th>
<th>LA5 Details</th>
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<tbody>
<tr>
<td><strong>System type</strong></td>
<td>• Coaxial articulated ribbon driver line array, 2-way, bi-amplified design, in a single sealed enclosure</td>
</tr>
<tr>
<td><strong>Driver components</strong></td>
<td>• 12 x 6&quot; ribbon drivers with Neodymium magnets</td>
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<tr>
<td></td>
<td>• 12 x 6.5&quot; paper/Kevlar composite mid-bass drivers with Neodymium magnets</td>
</tr>
<tr>
<td><strong>Crossover</strong></td>
<td>• Electronic, linear phase, symmetric 2-way</td>
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<tr>
<td></td>
<td>• MF: Bessel high pass @ 111Hz, 24dB/octave</td>
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<td></td>
<td>• HF: Linkwitz-Riley@ 1.5kHz, 24dB/octave</td>
</tr>
<tr>
<td><strong>Frequency response</strong></td>
<td>• 60Hz-20kHz @ -6dB</td>
</tr>
<tr>
<td><strong>Maximum SPL</strong></td>
<td>• MF: 135.5dBA (AES) • 147.5dBA peak • HF: 129dBA (AES) • 141dBA peak2</td>
</tr>
<tr>
<td><strong>System coverage</strong></td>
<td>• 120° horizontal dispersion • 50° vertical dispersion</td>
</tr>
<tr>
<td><strong>Sensitivity</strong></td>
<td>• MF: 103.5dBA (200Hz-3kHz) • HF: 102dBA (200Hz-3kHz)</td>
</tr>
<tr>
<td><strong>Power handling</strong></td>
<td>• MF: 1500W (AES), 2000W (IEC) long term, 3000W (IEC) short term</td>
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<td></td>
<td>• HF: 500W (AES), 1500W (IEC) short term</td>
</tr>
<tr>
<td><strong>Recommended amplifier power</strong></td>
<td>• MF and HF: 1500-2150W (FTC) @ 4 ohms</td>
</tr>
<tr>
<td><strong>Rated impedance</strong></td>
<td>• MF: 4 ohms • HF: 3 ohms (linear impedance through entire audio band)</td>
</tr>
<tr>
<td><strong>Input connectors</strong></td>
<td>• Screw terminal barrier strip</td>
</tr>
<tr>
<td><strong>Enclosure</strong></td>
<td>• Closed box alignment • 18mm marine plywood • Heavily damped and braced</td>
</tr>
<tr>
<td><strong>Mounting options</strong></td>
<td>• On 2 x subwoofers using BKT-LAS Tilt bracket</td>
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<tr>
<td></td>
<td>• Flown under 2 x subwoofers using BKL-LAS &quot;L&quot; bracket</td>
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<td></td>
<td>• Wall mounted using 4 x M8 points</td>
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<td></td>
<td>• Includes a total of 7 x M10 fly points for total versatility</td>
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<tr>
<td><strong>Accessories (optional)</strong></td>
<td>• 2 x Christie S215 subwoofer (145-103105-01)</td>
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<td></td>
<td>• BKT-LAS Tilt bracket (145-136101-01) for mounting on 2 x Christie S215</td>
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<td></td>
<td>• BKL-LAS &quot;L&quot; bracket (145-137102-01) for flying under 2 x Christie S215</td>
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<td>• Allen Products MultiMount MM-120 (111-693200-01)</td>
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<td></td>
<td>• BKL-LAS 1&quot; bracket (145-136101-01) for mounting on 2 x Christie S215</td>
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<td></td>
<td>• Allen Products RK-1C Rigging Kt 1 x Cable (111-686202-01) for flying individually or flying as an assembly consisting of LA5 + BKL-LAS + S215</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>• (LxWxH) 15.7 x 10.6 x 74.3&quot; (400 x 268 x 1888mm)</td>
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<tr>
<td><strong>Net weight</strong></td>
<td>• 117lbs (53kg)</td>
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<tr>
<td><strong>Warranty</strong></td>
<td>• Limited 5-year warranty</td>
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</tbody>
</table>

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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 AES2012 standard. IEC refers to IEC 60268-5 standard. Max SPL calculated based on sensitivity and power handling. 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.

3 Averaged in 500Hz-16kHz range, at -6dB. Screen scattering effect will result in slight increase of coverage at HF.

4 3 cables required when flown. See User Manual for details.

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