# Christie Vive Audio LS Series

## LS2C line source ceiling loudspeaker

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Christie LS2C</th>
</tr>
</thead>
<tbody>
<tr>
<td>System type</td>
<td>Coaxial, two-way, passive, ported enclosure</td>
</tr>
<tr>
<td>Driver components</td>
<td>2&quot; annular ribbon HF driver with Kapton® diaphragm, Neodymium magnets and 1.2&quot; exit coaxially mounted within 12&quot; paper Kevlar composite cone driver</td>
</tr>
<tr>
<td>Crossover</td>
<td>Linear phase, 2-way, passive @ 1.7 kHz, 12 dB/octave</td>
</tr>
<tr>
<td>Frequency response</td>
<td>80 Hz-20kHz @ -3dB</td>
</tr>
<tr>
<td>Effective frequency/ range</td>
<td>50 Hz-25kHz @ -10dB</td>
</tr>
<tr>
<td>Maximum SPL</td>
<td>122.3 dB (AES) continuous, 124 dB long term, 126.8 dB short term</td>
</tr>
<tr>
<td>System coverage</td>
<td>100° spherical cone</td>
</tr>
<tr>
<td>Sensitivity, 1W/1m</td>
<td>97.5 dB (200Hz-4kHz)</td>
</tr>
<tr>
<td>Power handling capacity</td>
<td>300W (2 hour continuous), 450W (IEC long term), 850W (IEC short term)</td>
</tr>
<tr>
<td>Recommended amplifier power</td>
<td>450W – 850W @ 8 ohms</td>
</tr>
<tr>
<td>Rated impedance</td>
<td>8 ohms</td>
</tr>
<tr>
<td>Input connectors</td>
<td>2 position terminal barrier strip</td>
</tr>
<tr>
<td>Enclosure</td>
<td>Ported alignment, 18mm marine plywood, heavily damped and braced</td>
</tr>
<tr>
<td>Mounting options</td>
<td>Rear mounted using 4 x M8 points, Side mounted using 2 x M8 points</td>
</tr>
<tr>
<td>Accessories</td>
<td>Allen Products MultiMount MM-3ROX-18 (111-683209-01), Allen Products UB-0950</td>
</tr>
<tr>
<td>Dimensions</td>
<td>(HxWxD) 17.52 x 17.52 x 10.87&quot; (445x 445 x 276 mm)</td>
</tr>
<tr>
<td>Net weight</td>
<td>31lbs (14kg)</td>
</tr>
<tr>
<td>Warranty</td>
<td>Limited 5-year warranty</td>
</tr>
</tbody>
</table>

1. Measured at distances of 1m in simulated free field conditions. Sensitivity is calculated based on measured SPL response averaged in 200Hz-4kHz range.
2. Continuous power handling tested for 2 hours using IEC noise signal. IEC refers to IEC 60268-5 standard. Max SPL calculated based on sensitivity and power handling.
3. Averaged in 500Hz-10kHz range, at -6dB.

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