

# Christie Vive Audio

## LA Series

### LA3 line array loudspeaker



Technical Specifications	Christie LA3
<b>System type</b>	• Coaxial articulated ribbon driver line array, 2-way, passive, in a single sealed enclosure
<b>Driver components</b>	• 18 x 3.5" ribbon drivers with Kapton® diaphragm and Neodymium magnets • 12 x 5.25" paper/Kevlar composite mid-bass cone drivers
<b>Crossover</b>	• Linear phase, asymmetric, 2-way, passive @ 1.6kHz, 24dB/octave
<b>Frequency response<sup>1</sup></b>	• 80Hz-20kHz @ -6dB
<b>Maximum SPL<sup>2</sup></b>	• 126.5dB (AES) continuous • 138.5dB peak
<b>System coverage<sup>3</sup></b>	• 120° horizontal dispersion • 40° vertical dispersion
<b>Sensitivity<sup>1</sup>, 1W/1m</b>	• 96.5dB (200Hz-3kHz)
<b>Power handling<sup>2</sup></b>	• 1000W (AES) continuous • 2000W (IEC) short term
<b>Recommended amplifier power</b>	• 830-1500W (FTC) @ 4 ohms
<b>Rated impedance</b>	• 4 ohms
<b>Input connectors</b>	• Screw terminal barrier strip
<b>Enclosure</b>	• Closed box alignment • 18mm marine plywood • Heavily damped and braced
<b>Mounting options</b>	• On subwoofer using BKT-LA3 Tilt bracket • Flown under subwoofer using BKL-LA3 "L" bracket • Wall mounted using 4 x M8 points • Individually flown using 3 x M10 points • Includes a total of 7 x M10 fly points for total versatility
<b>Accessories (optional)</b>	• Christie S215 subwoofer (145-103105-01) • BKT-LA3 Tilt bracket (145-105107-01) for mounting on Christie S215 • BKL-LA3 "L" bracket (145-109101-01) for flying under Christie S215 • Allen Products MultiMount MM-120 (111-690207-01) for wall mounting • 3 x Allen Products RK-1C Rigging Kit 1 x Cable (111-686202-01) for flying individually, or flying as an assembly consisting of LA3 + BKL-LA3 + S215 <sup>4</sup>
<b>Dimensions</b>	• (LxWxH) 15.0 x 9.4 x 62.6" (382 x 238 x 1591mm)
<b>Net weight</b>	• 82lbs (37kg)
<b>Warranty</b>	• Limited 5-year warranty

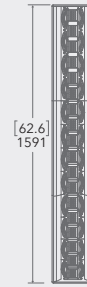
<sup>1</sup> Measured at distances of 4m and 8m in simulated, free field and ground plane conditions. Sensitivity is calculated based on measured SPL response averaged in 200Hz-5kHz range and scaled back to 1m.

<sup>2</sup> AES refers to AES2-2012 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.

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

<sup>4</sup> 3 cables required when flown. See User Manual for details.

Front view



Side view



Top view



Back view



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