

# LA3C

Immersive auditoriums | Post production | Premium large format

## Ribbon driver line array ceiling surround loudspeaker for cinema auditoriums

**CHRISTIE®**  
VIVE AUDIO 

### Key features:

- › **True to the source** – accurate reproduction of the soundtrack using low mass drivers
- › **Expanded sweet spot** – up to four times the optimal listening area than competing systems
- › **Easy to install** – versatile installation with variety of M8 and M10 fittings
- › **Extended listening comfort** – distortion-free signal reproduction for no listening fatigue through the movie
- › **Exceptional acoustics** – clear and expansive sound with higher dynamic range
- › **Delivers emotion in every scene** – greater impact when loud, better detail when quiet

### PLANAR RIBBON DRIVERS

Ultra-low mass high frequency drivers with 10x less distortion

### SINGLE CABINET DESIGN

Christie's Cinema-centric line array for superior coverage and focused sound

### PATENTED PARABOLIC ARRAY

Exceeding the most demanding immersive format performance requirements



## Specifications

## Christie LA3C (145-111104-02)

System type	<ul style="list-style-type: none"> <li>Fixed articulate ribbon driver line array, 2-way, passive, in a single sealed enclosure</li> </ul>
Driver components	<ul style="list-style-type: none"> <li>12 x 3.5" ribbon drivers with Kapton® diaphragm and Neodymium magnets</li> <li>8 x 5.25" paper Kevlar composite mid-bass cone drivers</li> </ul>
Crossover	<ul style="list-style-type: none"> <li>Linear phase, 2-way, passive @ 1.5kHz, 24dB/octave</li> </ul>
Frequency response <sup>1</sup>	<ul style="list-style-type: none"> <li>80Hz-20kHz @ -6dB</li> </ul>
Maximum SPL <sup>2</sup>	<ul style="list-style-type: none"> <li>124.5dB (AES) continuous</li> <li>136.5dB peak</li> </ul>
System coverage <sup>3</sup>	<ul style="list-style-type: none"> <li>120° horizontal dispersion</li> <li>120° vertical dispersion</li> </ul>
Sensitivity <sup>1</sup> , 1W/1m	<ul style="list-style-type: none"> <li>95.5dB (200Hz-3kHz)</li> </ul>
Power handling <sup>2</sup>	<ul style="list-style-type: none"> <li>800W (AES) continuous</li> <li>1600W (IEC) short term</li> </ul>
Recommended amplifier power	<ul style="list-style-type: none"> <li>640-1160W (FTC) @ 6 ohms</li> </ul>
Rated impedance	<ul style="list-style-type: none"> <li>3 ohms</li> </ul>
Input connectors	<ul style="list-style-type: none"> <li>Screw terminal barrier strip</li> </ul>
Enclosure	<ul style="list-style-type: none"> <li>Closed box alignment</li> <li>18mm marine plywood</li> <li>Heavily damped and braced</li> <li>Rated for overhead applications</li> </ul>
Mounting options	<ul style="list-style-type: none"> <li>Ceiling mounted using 4 x M8 points</li> <li>Flown using 4 x M10 fly points</li> </ul>
Accessories (optional)	<ul style="list-style-type: none"> <li>Allen Products MultiMount MM-3RDX-18 (111-683209-01) for ceiling mounting</li> <li>1 x Allen Products RK-4C Rigging Kit 4 x Cable (111-685201-01) for flying<sup>4</sup></li> <li>18" Safety Cable (003-006320-01)</li> <li>72" Safety Cable (003-006321-01)</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>(LxWxH) 15.1 x 9.4 x 37.5" (383 x 238 x 954mm)</li> </ul>
Net weight	<ul style="list-style-type: none"> <li>48.5lbs (22kg)</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>Limited 5-year warranty</li> </ul>

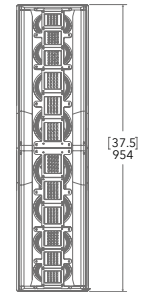
<sup>1</sup> Measured at distances of 4m and 8m in simulated, free field and ground plane conditions. Sensitivity is calculated based on measured SPL response averaged in 200Hz-5kHz range and scaled back to 1m.

<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.

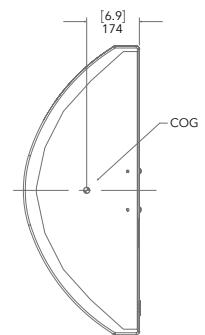
<sup>3</sup> Averaged in 500Hz-16kHz range, at -6dB.

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

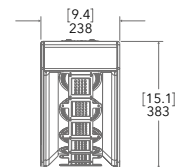
## Front view



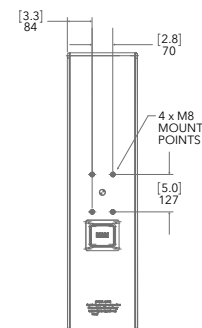
## Top view



## Side view



## Back view



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