

# LA5

Extra-large-screen auditoriums | Event cinema | Immersive | Premium large format

## Ribbon driver line array loudspeaker for extra-large-screen 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 system
- › **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

### SCREEN CHANNEL CONFIGURATOR

Help find the right audio solution for your auditorium on our website

### SINGLE CABINET DESIGN

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



## Specifications

## Christie LA5 (145-122106-01)

System type	<ul style="list-style-type: none"> <li>Fixed arcuate ribbon driver line array, 2-way, bi-amplified design, in a single sealed enclosure</li> </ul>
Driver components	<ul style="list-style-type: none"> <li>12 x 6" ribbon drivers with Neodymium magnets</li> <li>12 x 6.5" paper/Kevlar composite mid-bass drivers with Neodymium magnets</li> </ul>
Crossover	<ul style="list-style-type: none"> <li>Electronic, linear phase, symmetric 2-way</li> <li>MF: Bessel high pass @ 111Hz, 24dB/octave</li> <li>HF: Linkwitz-Riley @ 1.5kHz, 24dB/octave</li> </ul>
Frequency response <sup>1</sup>	<ul style="list-style-type: none"> <li>60Hz-20kHz @ -6dB</li> </ul>
Maximum SPL <sup>2</sup>	<ul style="list-style-type: none"> <li>MF: 135.5dB (AES) continuous</li> <li>147.5dB peak</li> <li>HF: 129dB (AES) continuous</li> <li>141dB peak</li> <li>135dB (AES) continuous</li> <li>146dB peak</li> </ul>
System coverage <sup>3</sup>	<ul style="list-style-type: none"> <li>120° horizontal dispersion</li> <li>50° vertical dispersion</li> </ul>
Sensitivity <sup>1</sup> , 1W/1m	<ul style="list-style-type: none"> <li>MF: 103.5dB (200Hz-3kHz)</li> <li>HF: 102dB (200Hz-3kHz)</li> </ul>
Power handling <sup>2</sup>	<ul style="list-style-type: none"> <li>MF: 1500W (AES), 2000W (IEC) long term, 3000W (IEC) short term</li> <li>HF: 500W (AES), 1500W (IEC) short term</li> </ul>
Recommended amplifier power	<ul style="list-style-type: none"> <li>MF and HF: 1500-2150W (FTC) @ 4 ohms</li> </ul>
Rated impedance	<ul style="list-style-type: none"> <li>MF: 4 ohms</li> <li>HF: 3 ohms (linear impedance through entire audio band)</li> </ul>
Input connectors	<ul style="list-style-type: none"> <li>2 position terminal barrier strip, separate MF and HF inputs</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> </ul>
Mounting options	<ul style="list-style-type: none"> <li>On 2 x subwoofers using BKT-LA5 Tilt bracket</li> <li>Flown under 2 x subwoofers using BKL-LA5 "L" bracket</li> <li>Wall mounted using 4 x M8 points</li> <li>Includes a total of 7 x M10 fly points for total versatility</li> </ul>
Accessories (optional)	<ul style="list-style-type: none"> <li>2 x Christie S215 subwoofer (145-103105-01)</li> <li>BKT-LA5 Tilt bracket (145-136101-01) for mounting on 2 x Christie S215</li> <li>BKL-LA5 "L" bracket (145-137102-01) for flying under 2 x Christie S215</li> <li>Allen Products MultiMount MM-120 (111-693200-01)</li> <li>Allen Products RK-1C Rigging Kit 1 x Cable (111-686202-01) [minimum 3x required] for flying.</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>(LxWxH) 15.7 x 10.6 x 74.3" (400 x 268 x 1888mm)</li> </ul>
Net weight	<ul style="list-style-type: none"> <li>117lbs (53kg)</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. Screen scattering effect will result in slight increase of coverage at HF.

### Corporate offices

Christie Digital Systems USA, Inc.  
Cypress  
ph: 714 236 8610

Christie Digital Systems Canada Inc.  
Kitchener  
ph: 519 744 8005

### Worldwide offices

Australia  
ph: +61 (0) 7 3624 4888

Brazil  
ph: +55 (11) 2548 4753

China (Beijing)  
ph: +86 10 6561 0240

China (Shanghai)  
ph: +86 21 6030 0500

Colombia  
ph: +57 (318) 477-3179

Eastern Europe  
ph: +36 (0)1 47 48 138

France  
ph: +33 (0) 1 41 21 44 04

Germany  
ph: +49 221 99 512-0

India  
ph: +91 (080) 6708 9999

Mexico  
ph: +52 55 4744 1790

Singapore  
ph: +65 6877 8790

South Korea  
ph: +82 2 702 1601

Spain  
ph: +34 91 633 9990

United Arab Emirates  
ph: +971 (0) 4 503 6800

United Kingdom  
ph: +44 (0) 118 977 8000

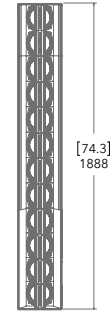
United States (Arizona)  
ph: 602 943 5700

**Independent sales consultant offices**

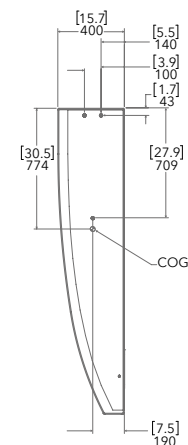
Italy  
ph: +39 (0) 2 9902 1161

Russia  
ph: +7 (495) 930 8961

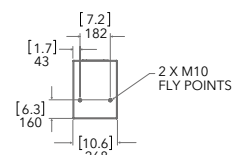
## Front view



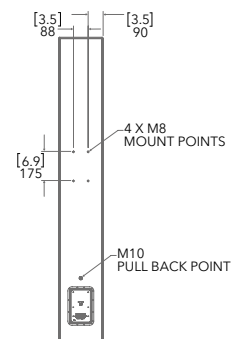
## Side view



## Top view



## Back view



For the most current specification information, please visit [christiedigital.com](http://christiedigital.com)

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