

# Christie Vive Audio

## LA Series

### LA5S line array surround loudspeaker



Technical Specifications	Christie LA5S
<b>System type</b>	• Coaxial parabolic ribbon driver line array, 2-way, passive, in a single ported enclosure
<b>Driver components</b>	• 6 x 6" ribbon drivers with Kapton® diaphragm and Neodymium magnets • 6 x 6.5" paper/Kevlar composite mid-bass drivers with Neodymium magnets
<b>Crossover</b>	• Linear phase, 2-way passive, symmetric crossover @ 1.5kHz, 24dB/octave
<b>Frequency response<sup>1</sup></b>	• 60Hz-20kHz @ -6dB
<b>Maximum SPL<sup>2</sup></b>	• 130.5dB (AES) continuous • 142.5dB peak
<b>System coverage<sup>3</sup></b>	• 120° horizontal dispersion • 60° vertical dispersion
<b>Sensitivity<sup>1</sup>, 1W/1m</b>	• 100.5dB (200Hz-3kHz)
<b>Power handling<sup>2</sup></b>	• 1000W (AES) • 1500W (IEC) long term • 2000W (IEC) short term
<b>Recommended amplifier power</b>	• 990-1400W (FTC) @ 7 ohms
<b>Rated impedance</b>	• 7 ohms
<b>Input connectors</b>	• Screw terminal barrier strip
<b>Enclosure</b>	• Vented box alignment • 18mm marine plywood • Heavily damped and braced • Rated for overhead applications
<b>Mounting options</b>	• Wall or ceiling mounted using 4 x M8 points • Flown using 3 x M10 fly points
<b>Accessories (optional)</b>	• Allen Products MultiMount MM-060 (111-682208-01) for wall mounting • MM-3RDX-120 (111-684200-01) for ceiling mounting • 3 x Allen Products RK-1C Rigging Kit 1 x Cable (111-686202-01) for flying <sup>4</sup>
<b>Dimensions</b>	• (LxWxH) 16.5 x 10.6 x 35.4" (420 x 268 x 899mm)
<b>Net weight</b>	• 59.5lbs (27kg)
<b>Warranty</b>	• Limited 5-year warranty

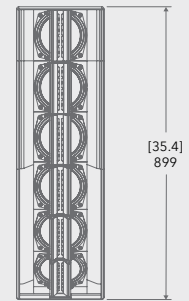
<sup>1</sup> Measured at distances of 4m and 8m in simulated, free field and ground plane conditions. Sensitivity is calculated based on measured SPL response averaged in 200Hz-5kHz range and scaled back to 1m.

<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.

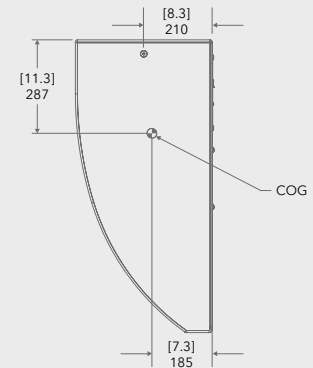
<sup>3</sup> Averaged in 500Hz-16kHz range, at -6dB.

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

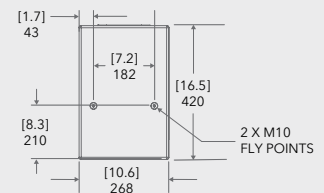
Front view



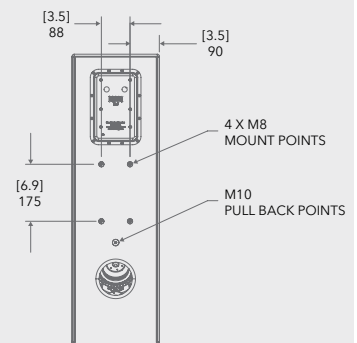
Side view



Top view



Back view



#### 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 6278 7708

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

Germany  
ph: +49 2161 664540

India  
ph: +91 (080) 6708 9999

Japan (Tokyo)  
ph: 81 3 3599 7481

Korea (Seoul)  
ph: +82 2 702 1601

Mexico  
ph: +52 55-4744-1790

Republic of South Africa  
ph: +27 11 251 0000

Russian Federation and Eastern Europe  
ph: +36 (0) 1 47 48 100

Singapore  
ph: +65 6877 8737

Spain  
ph: +34 91 633 9990

United Arab Emirates  
ph: +971 4 3206688

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

United States (Arizona)  
ph: 602 943 5700

United States (New York)  
ph: 646 779 2014

#### Independent sales consultant offices

Italy  
ph: +39 (0) 2 9902 1161



Kitchener Ontario

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