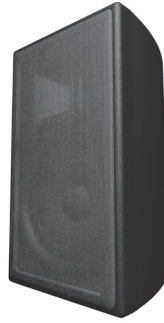


# Christie Vive Audio

## LS Series

### LS1S line source surround loudspeaker



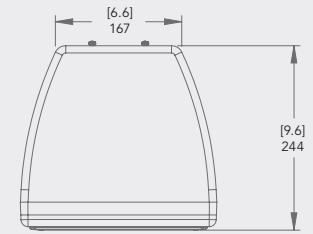
Specifications	Christie LS1S
<b>System type</b>	• Two-way, passive, ported enclosure
<b>Driver components</b>	• HF: 3.5" ribbon driver with Kapton® diaphragm and Neodymium magnets • LF: 8" paper/Kevlar composite cone driver with 40mm diameter voice coil
<b>Crossover</b>	• 2-way, passive @ 2.3kHz
<b>Frequency response<sup>1</sup></b>	• 70Hz-20kHz @ -6dB
<b>Maximum SPL<sup>2</sup></b>	• 114dB continuous, 126dB peak
<b>System coverage<sup>3</sup></b>	• 100° horizontal dispersion • 50° vertical dispersion
<b>Sensitivity<sup>1</sup>, 1W/1m</b>	• 93dB
<b>Power handling capacity<sup>2</sup></b>	• 125W continuous, 250W (IEC) short term
<b>Recommended amplifier power</b>	• 150-250W @ 8 ohms
<b>Rated impedance</b>	• 8 ohms
<b>Input connectors</b>	• Screw terminal barrier strip
<b>Enclosure</b>	• Polymer composite enclosure with extensive structural reinforcements • Ported enclosure • Acoustically transparent fabric grille
<b>Mounting options</b>	• Wall mounted using 4 x M6 points on rear
<b>Accessories</b>	• 145-179108-01: BKTW-LSXS - Wall tilt bracket for LSxS surround loudspeakers (optional) • 145-108100-XX Christie S115 subwoofer (for optional bass management) • 145-103105-XX Christie S215 subwoofer (for optional bass management) • 111-694201-XX: Allen Products MM-017 for wall mounting (optional) • 18" Safety Cable (003-006320-01) • 72" Safety Cable (003-006321-01)
<b>Dimensions</b>	• (LxWxH) 9.6 x 10.24 x 17.7" (244 x 260 x 450mm)
<b>Net weight</b>	• 13.7lbs (6.2kg)
<b>Warranty</b>	• Limited 5-year warranty

<sup>1</sup> Measured at 2m on tweeter axis in simulated free field conditions. Near field measurements were used for low-frequency data. Sensitivity is calculated based on measured SPL response averaged in 200Hz-5kHz range.

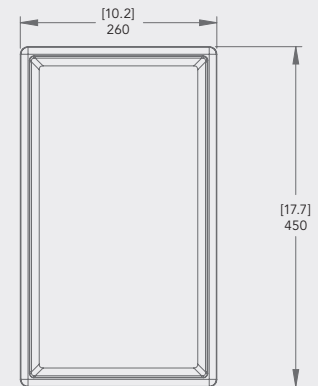
<sup>2</sup> IEC refers to IEC 60268-5 standard. Max SPL calculated based on sensitivity and power handling. IEC short-term power tested using IEC pink noise with 9dB crest factor. The crest factor was specifically increased to reflect real-life parameters of digital cinema sound tracks. Maximum peak SPL calculated using peak voltage during IEC short-term power test. Continuous power handling tested using IEC60268-1 noise signal for duration of 2 hours.

<sup>3</sup> Averaged in 500Hz-12kHz range, at -6dB.

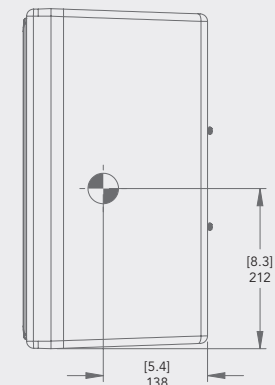
Top view



Side view



Front 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 6030 0500

Colombia  
ph: +57 (318) 447 3179

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

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

Germany (Cologne)  
ph: +49 221 99 512-0

Germany (Mönchengladbach)  
ph: +49 2161 566200

India  
ph: +91 (080) 6708 9999

Japan  
ph: +81 3 3599 7481

Mexico  
ph: +52 55 4744 1790

Republic of South Africa  
ph: +27 11 251 0000

Singapore  
ph: +65 6877 8737

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

United States (New York)  
ph: 646 779 2014

#### Independent sales consultant offices

Italy  
ph: +39 (0) 2 9902 1161

Russia  
ph: +7 (495) 930 8961



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



Copyright 2019 Christie Digital Systems USA, Inc. All rights reserved. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Christie Digital Systems Canada Inc.'s management system is registered to ISO 9001 and ISO 14001. Performance specifications are typical. Due to constant research, specifications are subject to change without notice. Printed in Canada on recycled paper. CD0873\_LS1S\_SpecSheet\_April-19

# CHRISTIE®