

Christie Vive Audio

LS Series

LS1S line source surround loudspeaker



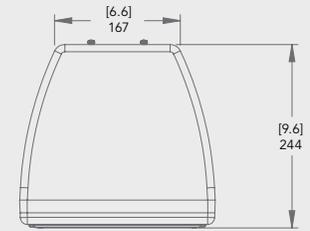
Specifications	Christie LS1S
System type	• Two-way, passive, ported enclosure
Driver components	• HF: 3.5" ribbon driver with Kapton® diaphragm and Neodymium magnets • LF: 8" paper/Kevlar composite cone driver with 40mm diameter voice coil
Crossover	• 2-way, passive @ 2.3kHz
Frequency response¹	• 70Hz-20kHz @ -6dB
Maximum SPL²	• 114dB continuous, 126dB peak
System coverage³	• 100° horizontal dispersion • 50° vertical dispersion
Sensitivity¹, 1W/1m	• 93dB
Power handling capacity²	• 125W continuous, 250W (IEC) short term
Recommended amplifier power	• 150-250W @ 8 ohms
Rated impedance	• 8 ohms
Input connectors	• Screw terminal barrier strip
Enclosure	• Polymer composite enclosure with extensive structural reinforcements • Ported enclosure • Acoustically transparent fabric grille
Mounting options	• Wall mounted using 4 x M6 points on rear
Accessories	• 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)
Dimensions	• (LxWxH) 9.6 x 10.24 x 17.7" (244 x 260 x 450mm)
Net weight	• 13.7lbs (6.2kg)
Warranty	• Limited 5-year warranty

¹ 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.

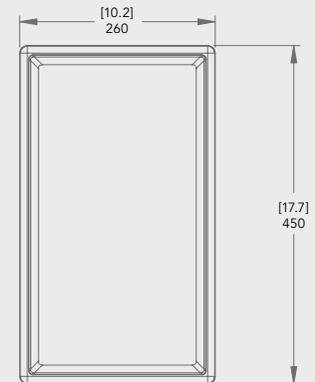
² IEC refers to IEC 60268-5 standard. Max SPL calculated based on sensitivity and power handling. IEC short-term power tested using IEC pink noise with 9dB crest factor. The crest factor was specifically increased to reflect real-life parameters of digital cinema sound tracks. Maximum peak SPL calculated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

³ Averaged in 500Hz-12kHz range, at -6dB.

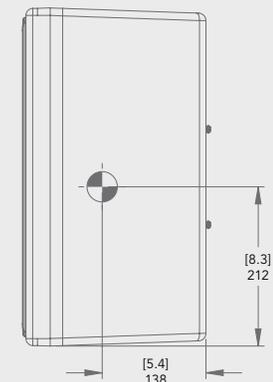
Top view



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 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



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Richmond, Ontario

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