

Christie Vive Audio LA Series LA5 line array loudspeaker



Technical Specifications	Christie LA5
System type	• Coaxial articulated ribbon driver line array, 2-way, bi-amplified design, in a single sealed enclosure
Driver components	• 12 x 6" ribbon drivers with Neodymium magnets • 12 x 6.5" paper/Kevlar composite mid-bass drivers with Neodymium magnets
Crossover	• Electronic, linear phase, symmetric 2-way • MF: Bessel high pass @ 111Hz, 24dB/octave • HF: Linkwitz-Riley @ 1.5kHz, 24dB/octave
Frequency response¹	• 60Hz-20kHz @ -6dB
Maximum SPL²	• MF: 135.5dB (AES) • 147.5dB peak • HF: 129dB (AES) • 141dB peak • 135dB (AES) • 146dB peak ³
System coverage³	• 120° horizontal dispersion • 50° vertical dispersion
Sensitivity¹, 1W/1m	• MF: 103.5dB (200Hz-3kHz) • HF: 102dB (200Hz-3kHz)
Power handling²	• MF: 1500W (AES), 2000W (IEC) long term, 3000W (IEC) short term • HF: 500W (AES), 1500W (IEC) short term
Recommended amplifier power	• MF and HF: 1500-2150W (FTC) @ 4 ohms
Rated impedance	• MF: 4 ohms • HF: 3 ohms (linear impedance through entire audio band)
Input connectors	• Screw terminal barrier strip
Enclosure	• Closed box alignment • 18mm marine plywood • Heavily damped and braced
Mounting options	• On 2 x subwoofers using BKT-LA5 Tilt bracket • Flown under 2 x subwoofers using BKL-LA5 "L" bracket • Wall mounted using 4 x M8 points • Includes a total of 7 x M10 fly points for total versatility
Accessories (optional)	• 2 x Christie S215 subwoofer (145-103105-01) • BKT-LA5 Tilt bracket (145-136101-01) for mounting on 2 x Christie S215 • BKL-LA5 "L" bracket (145-137102-01) for flying under 2 x Christie S215 • Allen Products MultiMount MM-120 (111-693200-01) • 3 x Allen Products RK-1C Rigging Kit 1 x Cable (111-686202-01) for flying individually or flying as an assembly consisting of LA5 + BKL-LA5 + S215
Dimensions	• (LxWxH) 15.7 x 10.6 x 74.3" (400 x 268 x 1888mm)
Net weight	• 117lbs (53kg)
Warranty	• Limited 5-year warranty

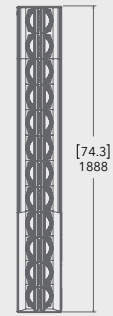
¹ Measured at distances of 4m and 8m in simulated, free field and ground plane conditions. Sensitivity is calculated based on measured SPL response averaged in 200Hz-5kHz range and scaled back to 1m.

² 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.

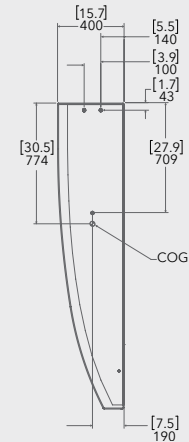
³ Averaged in 500Hz-16kHz range, at -6dB. Screen scattering effect will result in slight increase of coverage at HF.

⁴ 3 cables required when flown. See User Manual for details.

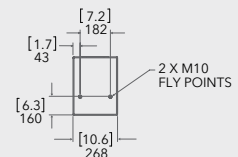
Front view



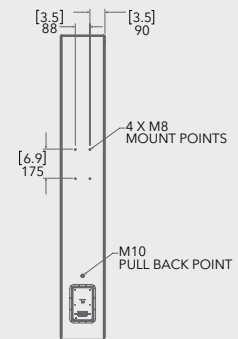
Side view



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



ISO 9001
ISO 14001
Kitchener Ontario

For the most current specification information, please visit www.christiedigital.com



Copyright 2016 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. 4235 Mar 16

CHRISTIE