



# LA Series

Premium cinema sound

Digital cinema | Post production | Premium large format

The Christie® Vive Audio™ LA Series of advanced loudspeakers are the ideal platform for today's immersive cinema audio applications. Featuring planar ribbon driver technology and our innovative single enclosure fixed arcuate line array design, the LA Series offers unmatched clarity and horizontal and vertical coverage for an unparalleled listening experience. Comprising screen channel systems and line array wall and ceiling surround loudspeakers, the LA Series can be configured to support all DCI-specified distributed and immersive audio formats.

**CHRISTIE®**  
VIVE AUDIO 

# Premium cinema sound

Utilizing low mass planar ribbon driver technology, Christie® Vive Audio™ LA Series loudspeakers feature extremely fast transient response times. This eliminates the effects of high-frequency breakup and power compression while delivering dramatically reduced distortion, enhanced intelligibility and high dynamic range for the most accurate reproduction of the original source material.



◀ Line array loudspeakers

## Special features

- › Planar ribbon driver technology ensures perfect timbre-matching across the lineup
- › Dramatically higher RMS to peak max SPL ratio than compression driver systems
- › Approximately four times the optimal listening area than typical systems
- › Low light reflective finish for stealthy cinema installations
- › Meets a minimum 5:1 safety rating for installation
- › Versatile installation capabilities with a variety of M8 and M10 fittings
- › Backed by a limited 5-year warranty



Surround loudspeakers

## Line array loudspeakers

	LA1	LA2	LA3	LA4	LA5
<b>System type</b>	Fixed arcuate ribbon driver line array, 2-way, passive, in a single sealed enclosure				Fixed arcuate ribbon driver line array, 2-way, bi-amplified design, in a single sealed enclosure
<b>Driver components</b>	HF: 9 x 3.5" with Kapton diaphragm and Neodymium magnets MF: 6 x 5.25" paper/Kevlar composite mid-bass cone drivers	HF: 12 x 3.5" with Kapton diaphragm and Neodymium magnets MF: 8 x 5.25" paper/Kevlar composite mid-bass cone drivers	HF: 18 x 3.5" with Kapton diaphragm and Neodymium magnets MF: 12 x 5.25" paper/Kevlar composite mid-bass cone drivers	HF: 8 x 6.5" with Neodymium magnets MF: 8 x 6.5" paper/Kevlar composite mid-bass cone drivers	HF: 12 x 6" with Neodymium magnets MF: 12 x 6.5" paper/Kevlar composite mid-bass cone drivers
<b>Maximum SPL</b>	123dB SPL continuous, 135dB SPL peak	125.6dB SPL continuous, 137.6dB SPL peak	126.5dB SPL continuous, 138.5dB SPL peak	131dB SPL continuous, 143dB SPL peak	131dB SPL continuous, 143dB SPL peak
<b>System coverage</b>	120° horizontal dispersion, 30° vertical dispersion	120° horizontal dispersion, 35° vertical dispersion	120° horizontal dispersion, 40° vertical dispersion	120° horizontal dispersion, 40° vertical dispersion	120° horizontal dispersion, 50° vertical dispersion

## Surround loudspeakers

	LA3S	LA3S-3ohm	LA4S	LA5S
<b>System type</b>	Coaxial parabolic ribbon driver line array, 2-way, passive, in a single ported enclosure			
<b>Driver components</b>	HF: 6 x 3.5" with Kapton diaphragm and Neodymium magnets MF: 4 x 5.25" paper/Kevlar composite mid-bass cone drivers		HF: 4 x 6" with Kapton diaphragm and Neodymium magnets MF: 4 x 6.5" paper/Kevlar composite mid-bass cone drivers	HF: 6 x 6" with Kapton diaphragm and Neodymium magnets MF: 6 x 6.5" paper/Kevlar composite mid-bass cone drivers
<b>Maximum SPL</b>	119dB SPL continuous, 131dB SPL peak	119.6dB SPL continuous, 131dB SPL peak	128.5dB SPL continuous, 140.5dB SPL peak	130.5dB SPL continuous, 142.5dB SPL peak
<b>System coverage</b>	120° horizontal dispersion, 60° vertical dispersion			



## Ceiling surround loudspeakers

^ Ceiling surround loudspeakers

	LA3C	LA4C	LA5C
System type	Coaxial parabolic ribbon driver line array, 2-way, passive, in a single ported enclosure		
Driver components	HF: 12 x 3.5" with Kapton diaphragm and Neodymium magnets MF: 8 x 5.25" paper/Kevlar composite mid-bass cone drivers	HF: 8 x 6" with Kapton diaphragm and Neodymium magnets MF: 8 x 6.5" paper/Kevlar composite mid-bass cone drivers	HF: 12 x 6" with Kapton diaphragm and Neodymium magnets MF: 12 x 6.5" paper/Kevlar composite mid-bass cone drivers
Maximum SPL	124.5dB SPL continuous, 136.5dB SPL peak	130dB SPL continuous, 142dB SPL peak	131dB SPL continuous, 143dB SPL peak
System coverage	120° horizontal dispersion, 120° vertical dispersion	120° horizontal dispersion, 100° vertical dispersion	120° horizontal dispersion, 100° vertical dispersion

# LA screen channel solutions

Comprising our LA Series line array loudspeakers, low-frequency subwoofers and Class D amplifiers, Christie Vive Audio Solutions are configured to provide the ideal screen channel cinema sound system based on auditorium size. Theatre owners can supplement these solutions with our LA Series and LS Series surround loudspeakers for the ultimate cinematic audio experience.



	<b>VAS-LA1</b>	<b>VAS-LA2</b>	<b>VAS-LA3</b>	<b>VAS-LA4</b>	<b>VAS-LA5</b>
<b>Auditorium size (max room length)</b>	68' (21m)	78' (24m)	88' (27m)	188' (55m)	270' (82m)
<b>High/mid component</b>	LA1	LA2	LA3	LA4	LA5
<b>Subwoofer</b>	S115	S215	S215	S215	2 x S215
<b>Bracket component</b>	BKT-LA1 Tilt bracket and BKS-Sub security brackets	BKT-LA2 Tilt bracket and BKS-Sub security brackets	BKT-LA3 Tilt bracket and BKS-Sub security brackets	BKT-LA4 Tilt bracket and BKS-Sub security brackets	BKT-LA5 Tilt bracket and BKS-Sub security brackets
<b>Recommended amplifier</b>	CDA5	CDA5	CDA5	CDA5	2 x CDA5

#### Corporate offices

---

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

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

#### Independent sales consultant offices

---

Italy  
ph: +39 (0) 2 9902 1161

#### 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  
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



ISO 9001  
ISO 14001

Kitchener, Ontario

For the most current specification information, please visit [www.christiedigital.com](http://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. 4226 Apr 16

# CHRISTIE®