LA4

Large-screen auditoriums | Event cinema | Immersive | Premium large format

Ribbon driver line array loudspeaker for large-screen cinema auditoriums

CHRISTIE VIVE AUDIO

Key features:

- **True to the source** – accurate reproduction of the soundtrack using low mass drivers
- **Expanded sweet spot** – up to four times the optimal listening area than competing system
- **Easy to install** – versatile installation with variety of M8 and M10 fittings
- **Extended listening comfort** – distortion-free signal reproduction for no listening fatigue through the movie
- **Exceptional acoustics** – clear and expansive sound with higher dynamic range
- **Delivers emotion in every scene** – greater impact when loud, better detail when quiet

PLANAR RIBBON DRIVERS

Ultra-low mass high frequency drivers with 10x less distortion

SCREEN CHANNEL CONFIGURATOR

Help find the right audio solution for your auditorium on our website

SINGLE CABINET DESIGN

Christie's Cinema-centric line array for superior coverage and focused sound

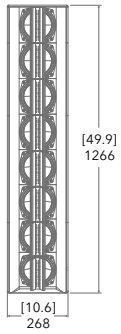
Specifications	Christie LA4 (145-120104-01)
System type	• Fixed articulate ribbon driver line array, 2-way, passive, in a single sealed enclosure
Driver components	• 8 x 6" ribbon drivers with Neodymium magnets • 8 x 6.5" paper/Kevlar composite mid-bass drivers
Crossover	• Linear phase, 2-way, passive, symmetric @ 1.5kHz, 24dB/octave
Frequency response[1]	• 70Hz-20kHz @ -6dB
Maximum SPL[2]	• 131dB (AES) continuous • 143dB peak
System coverage[3]	• 120° horizontal dispersion • 40° vertical dispersion
Sensitivity[1], 1W/1m	• 101dB (200Hz-3kHz)
Power handling[2]	• 1000W (AES) continuous • 2000W (IEC) short term
Recommended amplifier power	• 830-1500W (FTC) @ 4 ohms
Rated impedance	• 4 ohms
Input connectors	• Screw terminal barrier strip
Enclosure	• Closed box alignment • 18mm marine plywood • Heavily damped and braced
Mounting options	• On subwoofer using BKT-LA4 Tilt bracket • Flown under subwoofer using BKL-LA4 "L" bracket • Wall mounted using 4 x M8 points • Flown separately • Includes a total of 7 x M10 fly points for ultimate versatility
Accessories (optional)	• Christie S215 subwoofer (145-103105-01) • BKT-LA4 Tilt bracket (145-146102-01) for mounting on Christie S215 • BKL-LA4 "L" bracket (145-147103-01) for flying under Christie S215 • Allen Products MM-120 (111-693200-01) for wall mounting • Allen Products RK-1C Rigging Kit 1 x Cable (111-686202-01) [minimum 3x required] for flying.
Dimensions	• (LxWxH) 15.8 x 10.6 x 49.9" (400 x 268 x 1266mm)
Net weight	• 97lbs (44kg)
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.

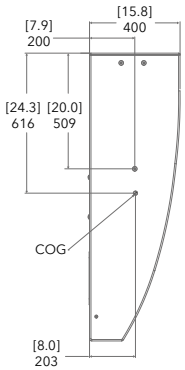
[2] AES refers to AES2-2012 standard. IEC refers to IEC 60268-5 standard. Max SPL calculated based on sensitivity and power handling. IEC short-term power tested using IEC pink noise with 9dB crest factor. The crest factor was specifically increased to reflect real-life parameters of digital cinema sound 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.

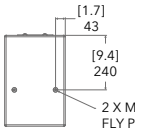
Front view



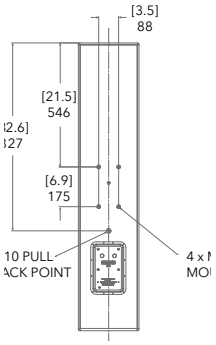
Side view



Top view



Back view



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CINE0114-LA4-Datasheet-Jan-2020-EN-US

CERTIFIED ISO 9001 QUALITY SYSTEM

CHRISTIE