

# LA3Si

Mainstream cinema | Immersive | Post production | Premium large format

## Ribbon driver line array surround loudspeaker for cinema auditoriums



### 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 resolution when quiet

### PLANAR RIBBON DRIVERS

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

### SINGLE CABINET DESIGN

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



## Specifications

## Christie LA3Si (145-182102-01)

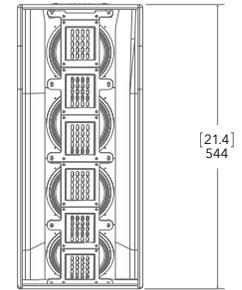
System type	• Fixed articulate ribbon driver line array, 2-way, passive, in a single sealed enclosure
Driver components	• 6 x 3.5" ribbon drivers with Kapton® diaphragm and Neodymium magnets • 4 x 5.25" paper/Kevlar composite mid-bass cone drivers
Crossover	• Linear phase, 2-way, passive @ 1.5kHz, 24dB/octave
Frequency response <sup>1</sup>	• 80Hz-20kHz @ -6dB
Maximum SPL <sup>2</sup>	• 122.6dB (AES) • 134.0dB peak
System coverage <sup>3</sup>	• 120° horizontal dispersion • 60° vertical dispersion
Sensitivity <sup>1</sup> , 1W/1m	• 97dB (300Hz-4kHz)
Power handling <sup>2</sup>	• 500W (AES) continuous • 800W (IEC) short term
Recommended amplifier power	• 400-800W (FTC) @ 3 ohms
Rated impedance	• 3 ohms
Input connectors	• Screw terminal barrier strip
Enclosure	• Ported alignment • 18mm marine plywood • Heavily damped and braced • Rated for overhead applications
Mounting options	• Wall or ceiling mounted using 4 x M8 points
Accessories (optional)	• Allen Products MM-024 (111-681207-01), or MM-060 (111-682208-01) for wall mounting • MM-3RDX-18 (111-683209-01) for ceiling mounting • 18" Safety Cable (003-006320-01) • 72" Safety Cable (003-006321-01)
Dimensions	• (LxWxH) 9.4 x 10.7 x 21.4" (238 x 271 x 544mm)
Net weight	• 29.8lbs (13.5kg)
Warranty	• Limited 5-year warranty

<sup>1</sup> 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 300Hz-4kHz range and scaled back to 1m.

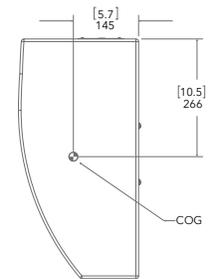
<sup>2</sup> AES refers to AES2-2012 standard. IEC refers to IEC 60268-5 standard. Max SPL calculated based on sensitivity and power handling. IEC short-term power tested using IEC pink noise with 9dB crest factor. The crest factor was specifically increased to reflect real-life parameters of digital cinema sound tracks. Maximum peak SPL calculated using peak voltage during IEC short-term power test.

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

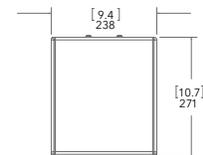
## Front view



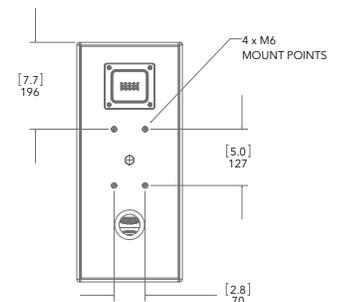
## Side view



## Top view



## Back view



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

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