

CHRISTIE LA4S

Mainstream cinema | Immersive | Post production | Premium large format

CHRISTIE®

Ribbon driver line array surround loudspeaker for 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 the distortion

SINGLE CABINET DESIGN

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



Specifications

Christie LA4S (145-142108-01)

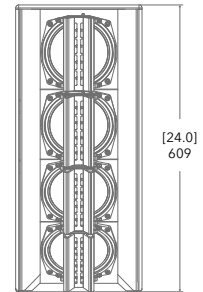
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|---------------------------------------|--|
| System type | <ul style="list-style-type: none"> Fixed articulate ribbon driver line array, 2-way, passive, in a single sealed enclosure |
| Driver components | <ul style="list-style-type: none"> 4 x 6" ribbon drivers with Kapton® diaphragm and Neodymium magnets 4 x 6.5" paper/Kevlar composite mid-bass drivers with Neodymium magnets |
| Crossover | <ul style="list-style-type: none"> Linear phase, passive, symmetric crossover @ 1.5kHz, 24dB/octave |
| Frequency response¹ | <ul style="list-style-type: none"> 60Hz-20kHz @ -6dB |
| Maximum SPL² | <ul style="list-style-type: none"> 128.5dB (AES) continuous 140.5dB peak |
| System coverage³ | <ul style="list-style-type: none"> 120° horizontal dispersion 60° vertical dispersion |
| Sensitivity¹, 1W/1m | <ul style="list-style-type: none"> 100dB (200Hz-3kHz) |
| Power handling² | <ul style="list-style-type: none"> 700W (AES) continuous 1400W (IEC) short term |
| Recommended amplifier power | <ul style="list-style-type: none"> 715-1165W (FTC) @ 3 ohms |
| Rated impedance | <ul style="list-style-type: none"> 3 ohms |
| Input connectors | <ul style="list-style-type: none"> Screw terminal barrier strip |
| Enclosure | <ul style="list-style-type: none"> Vented box alignment 18mm marine plywood Heavily damped and braced |
| Mounting options | <ul style="list-style-type: none"> Wall or ceiling mounted using 4 x M8 points Flown using 2 x M10 on top and 1 x M8 on rear |
| Accessories (optional) | <ul style="list-style-type: none"> Allen Products MultiMount MM-024 (111-681207-01) or MM-060 (111-682208-01) for wall mounting MM-3RDX-18 (111-683209-01) for ceiling mounting Allen Products RK-1C Rigging Kit 1 x Cable (111-686202-01) [minimum 3x required] for flying 18" Safety Cable (003-006320-01) 72" Safety Cable (003-006321-01) |
| Dimensions | <ul style="list-style-type: none"> (LxWxH) 15.7 x 10.6 x 23.4" (399 x 268 x 595mm) |
| Net weight | <ul style="list-style-type: none"> 51lbs (23kg) |
| Warranty | <ul style="list-style-type: none"> 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.

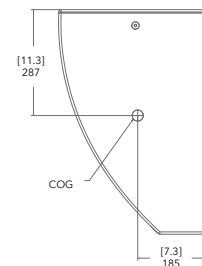
² AES refers to AES2-2012 standard. IEC refers to IEC 60268-5 standard. Max SPL calculated based on sensitivity and power handling. IEC short-term power tested using IEC pink noise with 9dB crest factor. The crest factor was specifically increased to reflect real-life parameters of digital cinema sound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

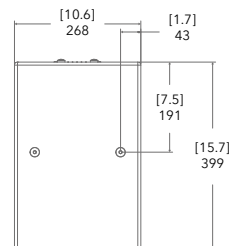
Front view



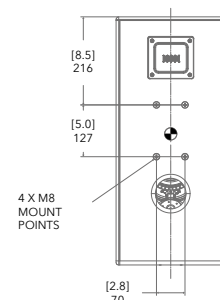
Side view



Top view



Back view



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