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

christiedigital.com/cinema

Innovation in every frame™
Specifications Christie LA4S (145-142108-01)

System type
• Fixed articulate ribbon driver line array, 2-way, passive, in a single sealed enclosure

Driver components
• 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
• Linear phase, passive, symmetric crossover @ 1.5kHz, 24dB/octave

Frequency response¹
• 60Hz-20kHz @ -6dB

Maximum SPL²
• 128.5dB (AES) continuous
• 140.5dB peak

System coverage³
• 120° horizontal dispersion
• 60° vertical dispersion

Sensitivity¹, 1W/1m
• 100dB (200Hz-3kHz)

Power handling²
• 700W (AES) continuous
• 1400W (IEC) short term

Recommended amplifier power
• 715-1165W (FTC) @ 3 ohms

Rated impedance
• 3 ohms

Input connectors
• Screw terminal barrier strip

Enclosure
• Vented box alignment
• 18mm marine plywood
• Heavily damped and braced

Mounting options
• Wall or ceiling mounted using 4 x M8 points
• Flown using 2 x M10 on top and 1 x M8 on rear

Accessories (optional)
• 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
• (LxWxH) 15.7 x 10.6 x 23.4" (399 x 268 x 595mm)

Net weight
• 51lbs (23kg)

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

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