LA4C

Immersive auditoriums | Post production | Premium large format

Ribbon driver line array ceiling 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 detail 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

PATENTED PARABOLIC ARRAY

Exceeding the most demanding immersive format performance requirements

christiedigital.com/cinema

Innovation in every frame™
Specifications Christie LA4C (145-144100-01)

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

Driver components
- 8 x 6" ribbon drivers with Kapton® diaphragm and Neodymium magnets
- 8 x 6.5" paper/Kevlar composite mid-bass drivers

Crossover
- Linear phase, passive, symmetric crossover @ 1.5kHz, 24dB/octave

Frequency response
- 60Hz-20kHz @ -6dB

Maximum SPL
- 130dB (AES) continuous
- 142dB peak

System coverage
- 120° horizontal dispersion
- 100° vertical dispersion

Sensitivity
- 100dB (200Hz-3kHz)

Power handling
- 1000W (AES) continuous
- 2000W (IEC) short term

Recommended amplifier power
- 735-1330W (FTC) @ 5 ohms

Rated impedance
- 5 ohms

Input connectors
- Screw terminal barrier strip

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

Mounting options
- Ceiling mounted using 4 x M8 points
- Flown using 4 x M10 fly points

Accessories (optional)
- Allen Products MultiMount MM-3RX-120 (111-684200-01) for ceiling mounting
- 1 x Allen Products RK-4C Rigging Kit 4 x Cables (111-685201-01) for flying
- 18" Safety Cable (003-006320-01)
- 72" Safety Cable (003-006321-01)

Dimensions
- (LxWxH) 14.1 x 10.6 x 48.0" (358 x 268 x 1218mm)

Net weight
- 90lbs (41kg)

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-16kHz 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 Measured SPL response averaged in 200Hz-5kHz range and scaled back to 1m.

4 Averaged in 500Hz-16kHz range, at -6dB.

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