LA4

Ribbon driver line array loudspeaker for large-screen 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

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
### 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**
- 70Hz-20kHz @ -6dB

**Maximum SPL**
- 131dB (AES) continuous
- 143dB peak

**System coverage**
- 120° horizontal dispersion
- 40° vertical dispersion

**Sensitivity**
- 101dB (200Hz-3kHz)

**Power handling**
- 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 (111-666202-01) [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

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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.