Technical Specifications Christie LA3C

System type
- Coaxial parabolic line array, 2-way, passive, in a single ported enclosure

Driver components
- 12 x 3.5" ribbon drivers with Kapton® diaphragm and Neodymium magnets
- 8 x 5.25" paper Kevlar composite mid-bass cone drivers

Crossover
- Linear phase, 2-way, passive @ 1.5kHz, 24dB/octave

Frequency response1
- 80Hz-20kHz @ -6dB

Maximum SPL2
- 124.5dB (AES) continuous • 136.5dB peak

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

Sensitivity1, 1W/1m
- 95.5dB (200Hz-3kHz)

Power handling2
- 800W (AES) continuous • 1600W (IEC) short term

Recommended amplifier power
- 640-1160W (FTC) @ 6 ohms

Rated impedance
- 6 ohms

Input connectors
- Screw terminal barrier strip

Enclosure
- Closed box alignment
- 18mm marine plywood
- Heavily damped and braced
- Rated for overhead applications

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

Accessories (optional)
- Allen Products MultiMount MM-3RDX-18 (111-683209-01) for ceiling mounting
- 1 x Allen Products RK-4C Rigging Kit 4 x Cable (111-685201-01) for flying4
- 18" Safety Cable (003-006320-01)
- 72" Safety Cable (003-006321-01)

Dimensions
- (LxWxH) 15.1 x 9.4 x 37.5" (383 x 238 x 954mm)

Net weight
- 48.5lbs (22kg)

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.

4 4 cables required when flown. See User Manual for details.