Christie Vive Audio
LA Series
LA5C line array
ceiling loudspeaker

Technical Specifications Christie LA5C

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

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

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

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

Maximum SPL
• 131dB (AES) continuous • 143dB peak

System coverage
• 120° horizontal dispersion • 120° vertical dispersion

Sensitivity
1W/1m
• 101dB (200Hz-3kHz)

Power handling
• 1000W (AES) • 1500W (IEC) long term • 2000W (IEC) short term

Recommended amplifier power
• 1500-2150W (FTC) @ 4 ohms

Rated impedance
• 4 ohms

Input connectors
• Screw terminal barrier strip

Enclosure
• Mounted box alignment
• 18mm marine plywood
• Heavily damped and braced
• Rated for overhead applications

Mounting options
• Wall or 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)
• 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) 22.7 x 10.6 x 65.3” (578 x 268 x 1660mm)

Net weight
• 115lbs (52kg)

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-3kHz 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 test 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 200Hz-5kHz range and scaled back to 1m.

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

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