

Christie Vive Audio

LA Series

LA4C line array ceiling loudspeaker



Technical Specifications	Christie LA4C
System type	• Coaxial parabolic ribbon driver line array, 2-way, passive, in a single ported 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 response¹	• 60Hz-20kHz @ -6dB
Maximum SPL²	• 130dB (AES) continuous • 142dB peak
System coverage³	• 120° horizontal dispersion • 100° vertical dispersion
Sensitivity¹, 1W/1m	• 100dB (200Hz-3kHz)
Power handling²	• 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-3RDX-120 (111-684200-01) for ceiling mounting • 1 x Allen Products RK-4C Rigging Kit 4 x Cables (111-685201-01) for flying ⁴ • 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

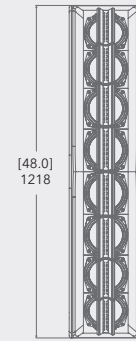
¹ Measured at distances of 4m and 8m in simulated, free field and ground plane conditions. Sensitivity is calculated based on measured SPL response averaged in 200Hz-5kHz range and scaled back to 1m.

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.

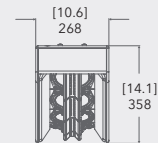
Front view



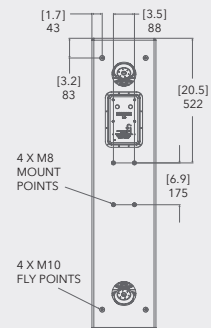
Side view



Top view



Back view



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