

Christie Vive Audio LA Series LA5 line array loudspeaker



Technical Specifications	Christie LA5
System type	• Coaxial articulated ribbon driver line array, 2-way, bi-amplified design, in a single sealed enclosure
Driver components	• 12 x 6" ribbon drivers with Neodymium magnets • 12 x 6.5" paper/Kevlar composite mid-bass drivers with Neodymium magnets
Crossover	• Electronic, linear phase, symmetric 2-way • MF: Bessel high pass @ 111Hz, 24dB/octave • HF: Linkwitz-Riley @ 1.5kHz, 24dB/octave
Frequency response¹	• 60Hz-20kHz @ -6dB
Maximum SPL²	• MF: 135.5dB (AES) • 147.5dB peak • HF: 129dB (AES) • 141dB peak • 135dB (AES) • 146dB peak ³
System coverage³	• 120° horizontal dispersion • 50° vertical dispersion
Sensitivity¹, 1W/1m	• MF: 103.5dB (200Hz-3kHz) • HF: 102dB (200Hz-3kHz)
Power handling²	• MF: 1500W (AES), 2000W (IEC) long term, 3000W (IEC) short term • HF: 500W (AES), 1500W (IEC) short term
Recommended amplifier power	• MF and HF: 1500-2150W (FTC) @ 4 ohms
Rated impedance	• MF: 4 ohms • HF: 3 ohms (linear impedance through entire audio band)
Input connectors	• Screw terminal barrier strip
Enclosure	• Closed box alignment • 18mm marine plywood • Heavily damped and braced
Mounting options	• On 2 x subwoofers using BKT-LA5 Tilt bracket • Flown under 2 x subwoofers using BKL-LA5 "L" bracket • Wall mounted using 4 x M8 points • Includes a total of 7 x M10 fly points for total versatility
Accessories (optional)	• 2 x Christie S215 subwoofer (145-103105-01) • BKT-LA5 Tilt bracket (145-136101-01) for mounting on 2 x Christie S215 • BKL-LA5 "L" bracket (145-137102-01) for flying under 2 x Christie S215 • Allen Products MultiMount MM-120 (111-693200-01) • 3 x Allen Products RK-1C Rigging Kit 1 x Cable (111-686202-01) for flying individually or flying as an assembly consisting of LA5 + BKL-LA5 + S215
Dimensions	• (LxWxH) 15.7 x 10.6 x 74.3" (400 x 268 x 1888mm)
Net weight	• 117lbs (53kg)
Warranty	• Limited 5-year warranty

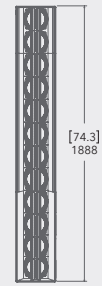
¹ Measured at distances of 4m and 8m in simulated, free field and ground plane conditions. Sensitivity is calculated based on measured SPL response averaged in 200Hz-5kHz range and scaled back to 1m.

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.

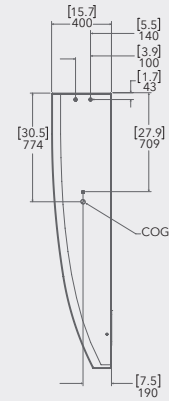
³ Averaged in 500Hz-16kHz range, at -6dB. Screen scattering effect will result in slight increase of coverage at HF.

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

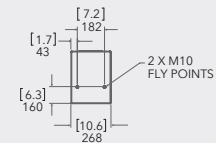
Front view



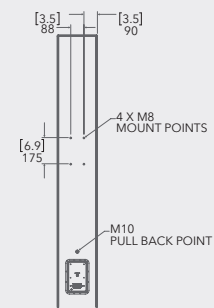
Side view



Top view



Back view



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