

Christie AutoStack
Christie AutoStack Premium

CHRISTIE®

Easily and accurately align 3DLP projected content in minutes

Christie® AutoStack™ and AutoStack Premium camera-based software quickly aligns content across multiple 3DLP® projectors in a fraction of the time it takes to achieve the same results manually. The software works in conjunction with Christie Twist™ to warp and blend projected content seamlessly in a single display.

This camera-based software system, compatible with Christie Twist on Christie 3DLP projectors, supports (up to) a 2x3 blended array of projectors, which can then be stacked for a total of 12 projectors. The system automatically aligns and blends with unsurpassed accuracy in under two minutes per projector.

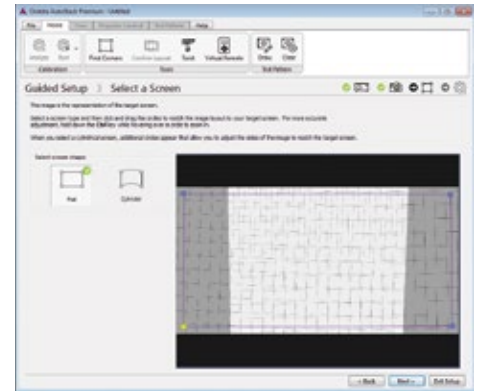
Christie AutoStack uses screen points for quick geometric calibration, and can be used on flat screens of various sizes and aspect ratios.

The user interface of Christie AutoStack guides users through the set-up process. From selecting a projector, to automatically analyzing the vertical

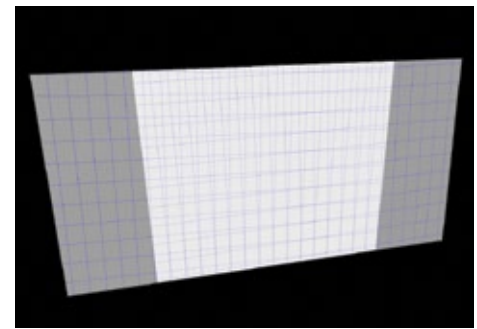
and horizontal overlap between multiple images, to suggesting maximum blend percentages, Christie AutoStack makes the process quick and easy.

With Christie AutoStack, you can achieve seamless, professional and high-quality projection in complex arrays, with minimal experience required. The software works well for both rental staging and fixed installation applications, reducing the time, labor and resources involved in setting up the projection display.

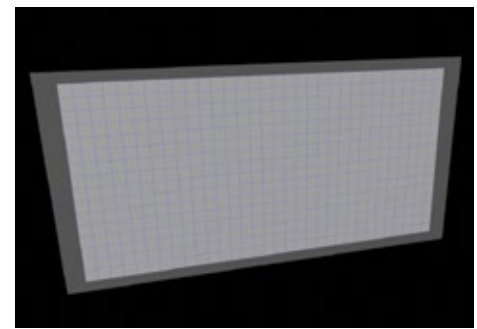
Christie AutoStack Premium provides aligning and stacking capabilities for more than 12 projectors on flat, curved or cylindrical screens and portrait displays.



▲ The user interface guide directs you through the set-up process including: projector selection, screen corner detection, blend region percentage, and final blended and/or stacked image.



▲ Overlapped, unblended and unwarped images before using Christie AutoStack with Christie Twist enabled projectors.



▲ End result – aligned, blended and warped image after using Christie AutoStack in conjunction with Christie Twist.

Christie AutoStack features

Time to blend and stack	• System auto-calibrates in under two minutes per projector
User interface	• User interface with step-by-step process and real-time camera feedback
Projector support	• Up to a 2x3 blended configuration that can be stacked for a total of 12 projectors
Multi-camera and lens support	• Choice of short, mid and long-throw camera and lens options for maximum flexibility
Camera and lens	• 3MP and 5MP cameras • 3.5mm, 5.0mm, 6.0mm and 12mm

Christie AutoStack Premium¹ features

Flat, curved/cylindrical screen support	• Curved screens with a curvature of up to ± 70 degrees
Portrait display support	• Projectors in vertical portrait display orientation
Expanded projector array capabilities	• Allows more than 12 projectors to be used in a single array where a single camera is able to see all the projected images in its field of view

Requirements

- Christie Twist enabled 3DLP projectors
- Computer with Christie AutoStack or AutoStack Premium software connected to CCD camera
- USB port for Christie AutoStack or AutoStack Premium license key/dongle
- Network connection between computer and each video projector

¹ Premium is sold separately

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