
Software Release Notes

Christie Mystique Install 1.2.3

This document describes the new features, known issues, and fixed issues for Christie Mystique Install.

New features

The following are new features and enhancements included in this release.

- Preliminary support for Crimson projectors.
- Dedicated Mapper Mask layer in Twist 2.4.2 and later.

The Mapper Mask layer removes any mapper blobs that intersect with the Mapper Mask, and is independent from **Masking: From Twist File**.

To use the mask layer in an associated Twist file to remove mapper blobs during a Run/Analyze action, select **Options > Calibration > Masked Mappers**.

Known issues

The following are known issues in this release.

- Christie Twist files generated by Christie Mystique Install containing Christie Pandoras Box projectors cannot be opened by Twist 2.4.
- In some cases, it may take up to 10 seconds to add Ethernet cameras in Christie Mystique Install.
- If an installation includes a completely flat screen, or a projector with a mirrored X or Y axis, the installation cannot be supported by a fish eye fit solver.
- The Moto-Blend feature is not supported on Boxer projectors, D4K-2560 and D4K-3560 projectors, or projectors running CineLife software.
- Depending on blend modes and settings, black level blending values may have different optimal values.
Workaround: To achieve better results when switching between black level blend modes, minor manual adjustments may be required.
- If there is an existing Christie AutoCal or Christie AutoStack installation on the computer, and you load Mystique Install, USB cameras may become unresponsive.
Workaround: To reinstall the USB camera drivers, repair the affected AutoCal or AutoStack installation.
- If an existing AutoCal or Mystique Install installation is uninstalled after loading Mystique Install 1.2, drivers and dependencies such as camera or projector search functionality may not behave as expected.
Workaround: To restore all drivers and dependencies, remove then reinstall Mystique Install 1.2.

- If connected to Pandoras Box and using multiple Pandoras Box Sites, inconsistencies may occur with the canvases in the Mystique integration folder in Pandoras Box, and cause Mystique Install to create new canvases. The unused inconsistent canvases remain in the Pandoras Box project and saved to disk, and may cause a buildup of unused canvases.

Workaround: Delete the unused canvases from the Pandoras Box project or from disk. To prevent canvases from becoming inconsistent in the future, in Pandoras Box, click the Inspector tab. In the File Management area, remove any canvases from untargeted nodes displaying an inconsistent status.

- If Windows 7 is installed on the computer, you may receive an error related to driver signing for Point Grey camera drivers.

Root cause: Mystique Install and FlyCap2 are unable to connect and display a camera image.

Workaround: Install the update located here: <https://www.ptgrey.com/KB/10038>. If necessary, after updating Windows, uninstall then reload Mystique Install.

- If Windows 7 is installed on the computer, you may be unable to load Mystique Install.

Workaround: Install the update located here: <https://www.microsoft.com/en-us/download/details.aspx?id=49093>.

- If Windows 8.1 is installed on the computer, you might be unable to load Mystique Install.

Workaround: Complete the following steps.

1. Install the update located here: <https://support.microsoft.com/en-us/help/2919355/windows-rt-8.1,-windows-8.1,-and-windows-server-2012-r2-update-april-2014>.
2. Install the update located here: <https://www.microsoft.com/en-us/download/details.aspx?id=49082>.
3. Load Mystique Install again.

Change log

The following are features released in previous versions of Christie Mystique Install that are not affected by this release.

Mystique Install v1.2

- Introduction of the Christie Mystique Install Cinema Edition, providing support for the following:
 - Christie cinema projectors that support warping and have CineLife Software version 2.1.0 or later installed
 - Highlands Technologies Solutions (HTS) Qalif Ultimate cameras
 - Cinema calibration using the Mystique Install Cinema Guided Setup workflow
- Global or per channel automatic brightness uniformity
- System and channel aspect ratios are displayed for the Wallpaper (Basic) layout and for the Wallpaper (Advanced) layout respectively
- Support for opening configurations when projectors or cameras are not connected
- Additional support for systems that use Christie Pandoras Box 6.0 (Rev 15220)
 - By default, generated warps and blends appear as Active (red) in Pandoras Box
 - Improved Pandoras Box canvas management to help avoid inconsistent canvases, automatic targeted spreading and blocking, and more

- Canvases used by Mystique Install appear as `Mystique_` on disk for improved asset management
- Improved logging
- Support for anamorphic and non-anamorphic fish eye projector lenses
- Preliminary support for projector centric planar anamorphic projector lenses
- Christie Mystique Operate Lite 1.0 included as optional software

Mystique Install v1.1

- Support for calibration of systems that use Christie Pandoras Box 6.0
 - When enabled, the Pandoras Box software replaces the need for Christie Twist projector electronics.
 - Blending is calculated for projector gamma 2.2 and may exhibit artifacts on some projectors.
- Image-based automatic camera calibration
- Support for Convex Automatic Cylinder screens
- Support for controlling internal test patterns on multiple projectors at once
- The camera IP address is displayed in Camera Search results

Mystique Install v1.0

- System calibration from a marked surface content image (arena mapping)
- Digital black level blending
- Dual Screen mode
- Windows 10 x64 support
- Christie User Experience Improvement Program
- Highlighting of current channel extents in Camera and System views
- Visualization of detected automatic calibration points when viewing binarized screen markers
- Projector identification
- Status bar displaying camera network health and camera re-projection accuracy
- Power and shutter control on multiple projectors
- Automatic channel ordering improvements for Wallpaper (Simple) layouts
- Preliminary support of fish eye projector lenses (beta feature)
- Preliminary support of thresholding by zone when using ACT automatic camera calibration (beta feature)

Technical support

Technical support for Christie products is available at:

- North and South America: +1-800-221-8025 or Support.Americas@christiedigital.com
- Europe, Middle East, and Africa: +44 (0) 1189 778111 or Support.EMEA@christiedigital.com
- Asia Pacific: +65 6877-8737 or Support.APAC@christiedigital.com