
Software Release Notes

Boxer version 1.5.2

This document provides the changes from Boxer version 1.4.1 to 1.5.2.



When updating from 1.3.2 (or older versions) to 1.5.2, despite what the GUI indicates, a full AC reboot is required.

Affected products

The following products are affected.

- Boxer 4K models
- Boxer 2K models
- Boxer 30
- Mirage 304K

Purpose of release

The primary purpose of this release is to introduce the following features:

- Add support for HDR10.
- Improved QDPIC, HBMIC, and Christie Link support, including HDCP auto-detection.
- The projector is prevented from turning on if the power source is below the minimum inlet voltage specification.
- Updated Mystique software integration.

Change details

The following changes have been implemented in this release.

User interface

The following features have been added or updated:

- Added a color-enable shortcut to the web UI test pattern page.
- Fixed an image-sync issue on the PDS side panel screen.
- Removed the option to select HDCP mode.

Video processing

The following enhancements have been made:

- When using an HBMIC-HDMI input, HDCP modes 1.4 and 2.2 are automatically detected.
- By default, projectors now use Advanced EDID Extensions.
To turn off Advanced EDID Extensions, navigate to **Configuration > Input Settings**, and deselect **Use Advanced EDID Extension**.
- Introduced support for HDR10 signals for the HBMIC-HDMI input.
- Introduced an auto-detect option for the default Gamma setting where non-HDR signals automatically select the Bt.1886 gamma function and HDR10 signals automatically select the PQ HDR gamma function.
- Renamed the **M-series** gamma option to **Classic**.
- Added gamma controls that adjust to environment-specific luminance settings for PQ HDR and Bt.1886 gamma functions.
- Introduced an auto-detect option for the default Color Correction setting where non-HDR content automatically selects rec709 for the HBMIC-HDMI input, or Max Drives for all other inputs. HDR10 inputs automatically select DCI-P3 / D65.
- Fixed the EDID issue that prevented correct initialization with certain video card sources, such as Nvidia Mosaic mode.
- Fixed the 4K120 video stability issues when using QDPIC or HBMIC inputs.
- Fixed various downscaling bugs in multi-port modes.

Hardware support

The following updates have been made:

- The projector is prevented from turning on if the power source is below the minimum inlet voltage specification. An option is available to override this setting and proceed.
- You may no longer downgrade to software versions older than 1.4.x due to hardware changes on the IMXB.
- The projector is prevented from turning on if the DMD waterblock temperature sensor is missing.

Notes

Note the following about upgrading to version 1.5.2:

- Upgrading a projector from USB requires the software package be located in the root of the USB flash drive. The drive must be formatted using a FAT-based file system.
- After updating from 1.3.2 or older versions to 1.5.2, a full AC reboot is required.

Known issues

This release of Boxer contains the following known issues:

- Only upgrade the projector with Boxer software. Any other software may make the projector non-functional. All Boxer releases contain the name Boxer in the filename (for example, Boxer 1.0.0.zip).
- In some cases when using single-link DVI signals, the unused secondary receivers disrupt the signal detection logic. This appears as occasional screen flashes while the projector attempts to re-synchronize to the incoming video.
Resolution: To disable the secondary receivers, issue the serial command (DDD 1) to the projector.
- The projector may require up to 20 seconds before it frame locks onto low frequency signals (30Hz or under).
- The zoom controls for the lens are not enabled.
Workaround: Manually calibrate the lens by issuing the (LCB+ZOOM) serial command.
- Closing the web user interface while performing a keystone adjustment may result in the keystone corners still being displayed on screen.
Workaround: To remove the corners from the screen, open and close the Keystone menu.
- Certain low-resolution signals, including HDMI-3D frame-packed, may exhibit frame tearing if the frame delay value is set to the minimum.
Resolution: To eliminate tearing, increase the frame delay value.
- In rare cases, HDMI-HBMIC inputs may not decode color correctly.
Resolution: Remove and reinsert the HDMI-HBMIC input.
- 4K/UHD/ 24Hz/25Hz RGB/4:4:4/12-bit 12G-SDI signals may not display correctly.
Resolution: Use the 4:2:2 6G-SDI signal.

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
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