

Software Release Notes

Sapphire® 4K40-RGBH version 1.1.1

This document provides the changes from Sapphire® 4K40-RGBH version 1.1.0 to Sapphire® 4K40-RGBH version 1.1.1.



If the Sapphire® 4K40-RGBH projector has been calibrated with version 1.1.0 or greater firmware there is no requirement to re-calibrate. If upgrading from version 1.0.0 or 1.0.1 to Sapphire version 1.1.x, the projector must be re-calibrated using Hawkeye 1.5.2.

Affected products

The following products are affected:

- Sapphire® 4K40-RGBH

Purpose of release

The primary purpose of this release is to add or update the following features:

- Added the ability to upload and select Custom EDIDs.
Extended Display Identification Data (EDID) is a format used by display devices to advertise capability (for example raster size and frame rate). This helps the source equipment provide the video signal to the projector in a format that can be accepted and displayed.
The default EDID for the HDMI and DisplayPort inputs advertises the most common video formats and operates properly with most source equipment. However, on occasion, a particular format and frequency is not advertised in the EDID, due to the constraints imposed by the EDID format, and a custom EDID is required.
- Updated the Enhanced Exercise DMD mode feature.
Changed the time to exercise the DMDs to 10 minutes and added options for when to run the feature (on warm up, on cool down, or disabled).
With version 1.1.1, the default behavior of the projector changes due to the Enhanced Exercise DMD mode feature, which displays a grey test pattern on the screen for 10 minutes on cool down.
- Added the Low Brightness mode feature.
When enabled, the Low Brightness mode feature disables a number of laser devices to allow for lower brightness operation.

For more information on these features, see the TruLife+ User Guide (P/N: 020-103315-XX).

Known issues

The following are known issues in this release:

- If network settings are set to DHCP and no DHCP server is connected, the projector fails to detect video from SDVoE sources.
Workaround: Connect a DHCP server to the projector or set the projector IP to a static IP outside of the 169.254.xxx.xxx subnet.
- When a custom EDID is applied to any of the HDMI inputs it takes effect immediately with no further action required from the user. When a custom EDID is applied to any of the DisplayPort inputs it requires a hot-plug of the cable before the change takes effect on any connected devices.
- Mirage PRO: When using Christie View (formerly Multiple point-of-view (MPOV)) with DisplayPort in stereo mode, the left eye displays input 1 and 3 and the right eye displays input 2 and 4.
Workaround: Adapt the Christie View setup to respond correctly to the left/right signal.
- LiteLOC™ performance is compromised when running at low brightness levels (30% or less). Christie does not recommend brightness levels at 30% or lower as laser devices may shut down and colors may drop out.
Workaround: Raise brightness.

Technical support

Technical support for Christie Enterprise 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 (support.apac@christiedigital.com):
 - China: +86 10 6561 0240 or tech-supportChina@christiedigital.com
 - India: +91 (80) 6708 9999 or tech-India@christiedigital.com
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