

Software Release Notes

Main Software v4.7.0(1)

This document provides information about Main Software release v4.7.0(1).

Main Software v4.7.0(1) includes ICP Software Release Prod 4.4.1 and LD Software Release EnigmaPro_vP1.8(24).

To upgrade to Main Software v4.7.0(1), your projector must have Main Software v4.0.0(2) or later installed. To learn more about Main Software v4.0.0(2), see the Main Software v4.0.0(2) release notes on the Christie Digital web site.

When you install Main Software v4.7.0(1) you cannot downgrade the software. However, you can upgrade the software when the next release is available.

Affected products

- Christie CP2208
- Christie CP2208-LP
- Christie CP2210
- Christie CP2215
- Christie CP2220
- Christie CP2220U
- Christie CP2230
- Christie CP2230U
- Christie CP4220
- Christie CP4230
- Christie Solaria One
- Christie Solaria One+

Prerequisites

Some Media Server releases are incompatible with Series 2 projectors.

Upgrade your software if your Media Server software is older than the versions listed in this table:

Media Server	Versions
Christie	v1.5.3
Dolby®	v4.2.0.42
Doremi™	Software = 1.2.1-0 Firmware = 21.1Z
GDC	Release 7.7a-combined
Qube	v2.5.1.4
XDC	v5.5-3

New features and enhancements

This release introduces the following new features and changes:

- This release is an island release, therefore downgrading is not possible.
- Added new TI ICP software version Prod4.5.0_CDS(023).
- Added new Laser Phosphor embedded software version 8 to the CP2208-LP.
- New test patterns added to the ICP software:
 - DC2K 13L Point
 - DC2K Framing Green-Grey
 - DC2K Framing Red-Grey
 - DC2K-Magenta-1
 - DC2K-Yellow-1
 - DC2K-Green-1
 - DC2K-Cyan-1
 - DC2K-Blue-1
 - DC4K 13L Point
 - DC4K Framing Green-Grey
 - DC4K Framing Red-Grey
- Added new firmware for the laser phosphor light module (version 8).
- Added None/Other and Qube options to the content device configuration panel and removed the None option.
- Simplified the advanced laser setup for the CP2208-LP.
- Improved laser response time for the CP2208-LP.
- Disabled the space bar in the TPC user interface when logging in to enforce the rule that usernames are not allowed to have spaces.
- The interrogator log file now includes the projector serial number in the file name.
- Engineering interrogator logs have been increased (tripled) from 256 Kb to 768 Kb per file.
- IMB security items have been added to SNMP.
- Basic interrogator log collection timing has been increased from 45 seconds to 70 seconds.
- The projector manifest file is now added to the interrogator log file.
- Link Decryptor warning check box has been disabled for projectors that do not have a Link Decryptor installed, and when a factory default is initialized on the projector.
- The full white test pattern is now used when running the lamp change wizard.
- Added translations for LampLOC Board Temperature, FMT FPGA Temperature, and ICP FPGA Temperature.
- Added NTP update for the following time intervals:
 - 6 minutes (default sync time)
 - 15 minutes (every ¼ hour)
 - 30 minutes (every ½ hour)

- 60 minutes (every hour)
- 720 minutes (every 12 hours)
- 1440 minutes (every 24 hours)
- Added new serial command to get and set the NTP synchronization interval.
- Added new logging that applies when Lamp Overdrive is enabled.
- Added descriptive text in the scheduler to let the user know that the projector cannot be powered to standby when the light is on.
- Added new status item for the CP2208-LP laser current, should read 2.5 amps.
- Added the ability to set the following test patterns as Uncorrected Colors, an option that bypasses the use of CSC-P7, De-gamma & CLUT file settings:
 - RGB-12bit-Full Screen Red
 - RGB-12bit-Full Screen Green
 - RGB-12bit-Full Screen Blue
 - RGB-12bit-Full Screen Black
 - RGB-12bit-Full Screen White
- Added a new algorithm for the CP2208-LP laser phosphor color balancing when in default mode.
- Added new serial commands to set the CP2208-LP Default or the Power adjust option.
- Added a reduced cool down time of 1 minute for the CP2208-LP.
- Added a simplified user interface for the blue and yellow power adjustment user control, where the blue power is adjusted to the yellow power, instead of trying to adjust both powers.

Issues resolved

The following issues were resolved in this software release.

- Fixed issue with flashing when the shutter was opened on CP2208, CP2208-LP, CP2210, CP2215, Solaria One, and Solaria One+.
- Fixed LiteLOC™ for the CP2208-LP to stop the light level bouncing up and down and changing the light power.
- Fixed DMD over temperature errors and warnings on the CP2208-LP.
- Fixed issue where the GDC IMB did not power on for CP2208 and CP2208-LP.
- Fixed the flickering drop-down control in the Lamp Power/LiteLOC™ setup panel file.
- Fixed the Lamp Power/LiteLOC™ setup panel so that the user is notified of changes and needs to save only if changes are made to the panel.
- Fixed issue where closing the douser and rebooting the TPC would set the lamp power to 100%.
- Fixed issue with projector IP address being changed and FTP server not reloading the changes unless the TPC was rebooted. The FTP server is now reloaded/re-started after an IP address change on the projector. It may take up to 10 seconds for the FTP to reload the new IP address settings.
- Fixed the undo control on MCGD panel number pad to work correctly.

- Fixed a number of layout issues with language translations that were not fitting on screen or that were overlaying/underlying other controls.
- Fixed issue with SNMP Ballast ID being returned when the projector was in standby mode.
- Fixed issue with a one-second distortion in the image when opening a shutter for all Solaria one, Solaria One+, CP2208, CP2208LP, CP2210, and CP2215.
- Fixed issue with a one-second distortion in the image when switching test patterns on all Series 2 cinema projectors.
- Fixed the translation of the fan monitoring panel for French, German, Spanish, Italian, Japanese, Korean, Russian, and Chinese.
- Fixed issue where you do not have to set the secondary SNMP IP address for the projector to send SNMP traps.
- Fixed EVB status to show offline when the EVB is disconnected.
- Fixed issue where switching IMB devices could cause the channel data formats to become blank.
- Fixed issue on the CP2208-LP where powering up from Standby to Power On did not always turn on the ICP and IMB.
- Fixed issue where some of the fan speeds and radiator speeds were not being logged on the CP2208-LP.
 - Radiator top right fan
 - Radiator bottom right fan
 - Radiator top middle fan
 - Radiator bottom middle fan
 - Radiator top left fan
 - Radiator bottom left fan
 - Heat pipe top fan
 - Heat pipe bottom fan
 - F54V PSU intake 1 fan
 - F54V PSU intake 2 fan
 - PS HSINK top fan
 - PS HSINK bottom fan
- Fixed the Current Light File modal panel in the Channel Configuration panel so that it controls and displays the correct values for the CP2208-LP laser light power values.
- Fixed issue when saving a laser power file on the CP2208-LP where the user interface did not match the values saved to the back-end light file.
- Fixed logging issue where error log "*** Failed to Login to ICP icp2.brimestone.cds.int***" was seen on each power cycle.
- Fixed issue with Screen File panel where rapid movement of the slider on the cropping X or Y-axis turned off the light.
- Fixed CP2208-LP issue with Bridge Board communication failure when power cycling the projector.
- Fixed issue with the CP2208-LP where the DMD Thermal Over Temp was turning off the light and filling the Solaria logs.

- Fixed issue for the CP2208-LP where the laser power voltages were not displayed when power was on.
- Fixed issue where going from Standby to Power On/Light On caused a "light on suppressed" error because the ICP was not in a ready state.
- Fixed issue where the Bridge Board indicated it was on when the projector was in standby mode.
- Fixed issue on the PIB3G where the option card was not translated into Spanish, Korean, or Chinese.
- Fixed issue on the CP2208-LP and CP2208 where the GDC IMB rebooted when the Power 0 serial command was sent and the projector was already in the power on state.
- Fixed issue when the CP2208-LP was in IMB standby mode and the following error occurred: "ICP connection could not be established".
- Fixed logging issue for error "Object is NOT a MessageSystem.Byte[]" when a null message was sent to the projector.
- Fixed logging issue for the CP2208, CP2208-LP, Solaria One, and Solaria One+ related to the warning for the entry "Card Cage Exhaust value, 38, using 38".
- Fixed issue where DVI devices were not working or not recognized by the projector.
- Fixed issue where the light intensity warning was not working on the CP2208-LP.

Technical support

Technical support for Christie products is available at:

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