

Performing LiteLOC™ calibration for RGB projectors

This document provides a summary of the steps required to run LiteLOC™ calibration for the Christie RGB Cinema and 4K40-RGB projectors. Use this document in conjunction with the *Upgrading the color sensor board instruction sheet (P/N: 020-103100-XX)*.

Affected products

The following products are affected.

CP2309-RGB	CP4330-RGB
CP2315-RGB	CP4440-RGB
CP2320-RGB	CP4450-RGB
CP4315-RGB	D4K40-RGB
CP4320-RGB	Mirage 4K40-RGB
CP4325-RGB	Roadie 4K40-RGB

Running LiteLOC™ calibration for Cinema 4K and 4K40-RGB models

To run the LiteLOC™ calibration on the CP4315-RB, CP4320-RGB, CP4325-RGB, CP4330-RGB, and 4K40-RGB models, the follow the instructions included in the *Upgrading the color sensor board instruction sheet (P/N: 020-103100-XX)*.

1. Replace the color sensor board (CSBD).
2. If the CSBD is replaced, perform a DAC calibration.
3. If the LOS and/or the CSBD are replaced, ensure LiteLOC™ calibration is performed.
 - For the CP4315-RGB, CP4320-RGB, CP4325-RGB, and CP4330-RGB models, complete LiteLOC™ v1.0 calibration in the *Upgrading the color sensor board instruction sheet (P/N: 020-103100-XX)*.
 - For the 4K40-RGB models, complete LiteLOC™ v2.0 calibration. For details, refer to the *LiteLOC™ 2.0 Calibration Instruction Sheet (P/N: 020-103150-XX)*.

Running LiteLOC™ calibration for all other RGB Cinema projector models

To run the LiteLOC™ calibration on the CP2309-RGB, CP2315-RGB, CP2320-RGB, CP4440-RGB, and CP4450-RGB models, the follow the instructions included in the *Upgrading the color sensor board instruction sheet (P/N: 020-103100-XX)*.

1. Replace the color sensor board (CSBD).
2. If the CSBD is replaced, perform a DAC calibration.
3. Instead of executing the full calibration process outlined in the instruction sheet, complete the following steps:
 - a) While connected to port 5000 open port 5103 using the command (CAL + PASS 1).
 - b) Connect to port 5103 to send one of the following commands:
 - CP2309-RGB:
(RGB+CALB "0.001977" "0.00171" "0.002539" "0.934758" "0.943585"
"0.916229" 1)
 - CP2315-RGB/CP2320-RGB:
(RGB+CALB "-0.000204" "-0.000801" "-0.002987" "1.006747" "1.026434"
"1.098585" 1)
 - CP4440-RGB:
(RGB+CALB "0.001172" "0.001115" "0.002353" "0.961312" "0.963181"
"0.922344" 1)
 - CP4450-RGB:
(RGB+CALB "0.00143625" "0.00132625" "0.0029175" "0.95254125"
"0.95621375" "0.9037775" 1)
 - c) Close Port 5103 by connecting to port 5000 and sending the command (CAL + PASS 0).
 - d) Reboot the projector.

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
- Christie Managed Services: +1-800-550-3061 or NOC@christiedigital.com