
Software Release Notes

MicroTiles LED firmware version 1.4.5

This document provides information on the MicroTiles LED 1.4.5 release.

Christie MicroTiles LED tiles are modular, high-quality image display units that can be configured to create small display configurations as well as larger more complex display canvases of virtually any size and shape.

Each tile captures a portion of the image and applies scaling, as required, which results in a single picture. The LED wall controller acts as the main system controller and coordinates with all connected tiles to form a canvas.

Christie MicroTiles LED tiles are designed to occupy a smaller more manageable install footprint with minimal mechanical and electronics components. The simplicity of the design ensures higher reliability and improved thermal management.

Christie recommends clearing the browser cache after performing a firmware upgrade and before operating the wall with the new software.

When upgrading from an earlier version to 1.4.0 or later, Christie recommends allowing five minutes after the reboot for the system to complete re-initialization of all LED modules before operating the wall with the new software.

All devices in the array must be on the same firmware version.

New features and changes

The following new features and changes are included in this release:

- New module support
 - Added support for new 0.9375 mm low brightness modules.
- Tile mapping
 - Reworked the assignment of automatic tile coordinates to avoid overlapping when multiple discrete groups of tiles are detected.
 - Added the multi-selection of tiles in the Canvas editor for drag and drop mapping.
- Reworked custom test pattern feature
 - Added support for up to nine uploaded test patterns.
 - Added support for 16 Bit RGB PNG test patterns.
 - Added the ability to duplicate the test pattern on the left and right sides when running in Dual Input Stitched mode.
 - Added support for 8 and 16 Bit RGB PNG test patterns.
- Stealth mode
 - Added Stealth mode feature to turn off all visible status lights on tiles, Octrollers, and wall controllers
- Network Time Protocol (NTP) support
 - Added the ability to synchronize time from an NTP server.

- Low latency mode
 - Added the new Low Latency mode for 0.9375 mm modules.
 - Reduced latency to two frames in this mode. Video scaling and 3D are unavailable.
- Octroller Status monitoring
 - Added a new status system entry (**Wall Controller** > > **System** > **Octroller Status**) that reports if any Octroller has a warning or error that does not have an equivalent on the wall controller.
- Fan controller
 - Added support for the external fan controller board.
- Neighbor Detection
 - Added stability enhancement for tile neighbor detection.

Fixed issues

The following issues have been fixed in this release:

- A rare link integrity problem could occur between the Octroller and Tiles.
- Internal Tile Patterns could cause the system to become unresponsive after multiple hours.
- Multi Wall Management would not allow batch upgrading of some older systems.
- Uploaded test patterns would sometimes not show up in the list.
- Uploaded EDID files were not included in the system backup and restore feature.

Accessing the MicroTiles LED web user interface

Learn how to access the web user interface.

The MicroTiles LED web user interface is supported on the following browsers:

- Google Chrome™
- Microsoft® Edge®
- Safari®

Access the web user interface to configure the array and monitor the status of the components.

1. In a web browser, enter the IP address of the LED wall controller.
The IP address is displayed on the LED wall controller display.
In configurations with two LED wall controllers, entering the IP address for either wall controller accesses the same web user interface settings.
2. Log into the session with the username and the password.
The username and password are case-sensitive.
3. Select **Login**.

Updating the MicroTiles LED software

To install available software updates use the MicroTiles LED web user interface.



Notice. If not avoided, the following could result in property damage.

- Do not disconnect the power source for any components during the update.



For normal operation, all devices in the array must have the same version of firmware.

1. Download the latest software from www.christiedigital.com and save it to the computer to be connected to the array for the update.
2. Log into the MicroTiles LED web user interface.
3. Select **System Settings**.
4. In the Software section, select **Upgrade**.
5. Navigate to the file saved in step 1 and select **OK**.

The update starts immediately and progresses in this order:

- a. The LED wall controllers and Octrollers are updated.
- b. After the Octrollers finish updating, the tiles are updated.

When the update is finished, the status is displayed.

6. For the update to be applied, restart the array by selecting **Reboot**.

Christie recommends clearing the browser cache after performing a firmware upgrade and before running the new software on the array.

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
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 - China: +86 10 6561 0240 or tech-supportChina@christiedigital.com
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