

Software Release Notes



LSC Electronics Pty. Ltd.
Research and Development

Project Title: Unity Control Module (UCM)

Project Created by: Gary Pritchard
Created: 3 July 2017
Last Modified: 28 July 2020

This document is a cumulative list of bug fixes and feature enhancements for the Unity Dimmer and Switch product family. The same code base is used in all three products and required variations to operation are determined at run time.

Reporting Bugs

If you find a bug or feel that we could improve the product then please let us know. If you find a bug that affects operation or crashes the unit then could you let us know ASAP!!

email techSupport@lsclighting.com.au
phone +61 3 9702 8000

Obtaining Updates

If you wish to be emailed about **Unity** software updates as they are released, then send an email to the above address and you will be added to the mailing list.

Installation procedure

To install a software update, perform the following steps:

1. Copy the software release file (named **UnityPi_vnn.img** where 'nn' is the software version number) onto a USB stick in a folder labelled LSC.
2. Insert the USB stick into the UCM.
3. Navigate to the *Update Firmware* menu and push the button labelled "UCM App" and follow the instructions.
4. Once complete, the unit will restart.

Release: v1.05 Date: 24 July 2020

Software Released by: Gary Pritchard

Reason for the Release:

New functionality.

New and Changed Features:

- Further 6 channel support added.
- Channels can be shown and selected via their DMX address.
- Reset to Defaults has been added.

Bug Fixes:

- There were several 6-channel issues when more than one 6-channel module was loaded into a system.
- When patching just the DMX addresses without first setting an Input Source, the patch was done incorrectly using the Input Source that was last set.

Known Problems:

- sACN and ArtNet data updates can get interrupted while manipulating the screen. It is anticipated that this will be fixed in the next release.

Components:

- UnityPi_v105.img - Update File for general use

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Release: v1.04 Date: 31-March-2020

Software Released by: Gary Pritchard

Reason for the Release:

New functionality.

New and Changed Features:

- Further 6 channel support added.
- Further Houston Interface functions added.

Bug Fixes:

None

Known Problems:

- sACN and ArtNet data can get interrupted while manipulating the screen.

Components:

- UnityPi_v104.img - Update File for general use

Release: v1.03 Date: 13-December-2019

Software Released by: Gary Pritchard

Reason for the Release:

Bug Fixes and new functionality.

New and Changed Features:

- 6 channel support added.
- Houston Interface added.
- On the Input Source menu, the exit button also saves instead of just cancelling
- View Channel menu has been simplified and information made clearer.
- The display screen is now inverted to give a larger viewing angle

Bug Fixes:

- Selecting channels with same curve shows yellow and not green.
- Select Channels via screen in View Channels does not work.
- Minor inconsistencies in menu naming resolved.
- It was not possible to set the NET value for ArtNet.
- It was possible to set enable Syslog without a target IP address being set.
- A 48-way unit still showed empty slots for modules 5-8 on the front screen.
- Selection channels via the screen in View Channel did not work.

Known Problems:

- sACN and ArtNet data can get interrupted while manipulating the screen.

Components:

- UnityPi_v103.img - Update File for general use

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Release: v1.02 Date: 03-August-2018

Software Released by: Gary Pritchard

Reason for the Release:

Bug Fixes.

New Features:

- CSV import and the Network menu did not permit assigning a Gateway address.
- Set Slots now allows some or all slots to be set before saving. Previously these had to be saved one at a time.

Bug Fixes:

- The Interface firmware version number was not updated when new Interface firmware was uploaded.
- The App Firmware Update screen progress bar hit 100% well before the update was completed. The EXIT button was still visible (but not operational during the update) leading some to believe that the system had frozen. If the reset button was now pushed at this point the SD was corrupted as the update was incomplete requiring the SD card to be reprogrammed. This version now has the bar performing correctly and the EXIT button is now hidden during upgrades.
- Unity did not report as an LSC Product when using a network scanner.
- Changing the Time Zone did not update the time shown immediately.
- If sACN was operational and the IP address was changed, sACN would cease to work.
- There was no way to enter a Gateway address for static setups. This has been corrected and added to the CSV import function as well.
- The UCM would always start in DHCP mode and then change to static IP if it was set. In network environments it was therefore possible to get have two IP addresses reporting for the same device.

Known Problems:

- None.

Components:

- UnityPi_v102.img - Update File for general use

Release: v1.01 Date: 26-June-2018

Software Released by: Gary Pritchard

Reason for the Release:

Bug Fixes.

New Features:

Bug Fixes:

- CSV import did not reenables sACN or ArtNet nor reconfigure the Patch. System now imports the data and then does a full reload as if it were just starting.

Known Problems:

- None.

Components:

- UnityPi_v101.img - Update File for general use

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Release: v1.00 **Date: 18-Aug-2017**

Software Released by: Gary Pritchard

Reason for the Release:
First public release

Known Problems:
• None.

Components:
• UnityPi_v100.img - Update File for general use

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