

# Software Release Note

RD-002-05



**LSC Electronics Pty. Ltd.**  
**Research and Development**

## **Project Title: Unity Control Module Interface (UCMF)**

Project Created by: Gary Pritchard  
Created: 3 July 2017  
Last Modified: 27/03/2020 12:46:00 PM

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.

Please see Appendix A at the end of this document for details on how to upgrade the software.

### **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](mailto: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.

## **Release: v1.14      Date: 31-Mar-2020**

Software Released by: Gary Pritchard

### **Reason for the Release:**

- The code for the new Touch Controller was modified as it was clear that some touch events were being lost.

### **Known Problems:**

- None.

### **Components:**

- UnityCM\_v114.upd - Update File for general use
- UnityCM\_v114.prd - File only for production use

## **Release v1.13**

## **Release c1.12**

Internal releases only.

## **Release: v1.11      Date: 06-Jan-2020**

Software Released by: Gary Pritchard

### **Reason for the Release:**

- New CTP controller. A new CTP controller has been added, the GT911. This code automatically detects which driver the CTP has and adjusts accordingly. This includes the orientation of the screen

### **Known Problems:**

- None.

### **Components:**

- UnityCM\_v111.upd - Update File for general use
- UnityCM\_v111.prd - File only for production use

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## Release: v1.05    Date: 26-Jun-2018

Software Released by:    Gary Pritchard

### **Reason for the Release:**

Bug Fix.

### **Bug Fixes:**

- Random lock up of USB port communications.

### **Known Problems:**

- None.

### **Components:**

- UnityCM\_v105.upd - Update File for general use
- UnityCM\_v105.prd - File only for production use

## Release: v1.04    Date: 15-Dec-2017

Software Released by:    Gary Pritchard

### **Reason for the Release:**

Feature added.

### **New Features:**

- Changed Comms Status because of UXM changes.

### **Bug Fixes:**

### **Known Problems:**

- None.

### **Components:**

- UnityCM\_v104.upd - Update File for general use
- UnityCM\_v104.prd - File only for production use

## Release: v1.03    Date: 10-Nov-2017

Software Released by:    Gary Pritchard

### **Reason for the Release:**

Bug Fix.

### **New Features:**

### **Bug Fixes:**

- AutoPower function added.
- Ucomms watchdog added

### **Known Problems:**

- None.

### **Components:**

- UnityCM\_v103.upd - Update File for general use
- UnityCM\_v103.prd - File only for production use

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## **Release: v1.02      Date: 9-Sep-2017**

Software Released by:      Gary Pritchard

### **Reason for the Release:**

Bug Fix.

### **New Features:**

### **Bug Fixes:**

- Fix to Voltage and Current readings that were erratic.

### **Known Problems:**

- None.

### **Components:**

- UnityCM\_v102.upd - Update File for general use
- UnityCM\_v102.prd - File only for production use

## **Release: v1.01      Date: 7-Sep-2017**

Software Released by:      Gary Pritchard

### **Reason for the Release:**

Minor Update for changed command. First official release.

### **New Features:**

### **Bug Fixes:**

### **Known Problems:**

- None.

### **Components:**

- UnityCM\_v101.upd - Update File for general use
- UnityCM\_v101.prd - File only for production use

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

Software Released by:      Gary Pritchard

### **Reason for the Release:**

Update Release for PT project. Now does Ucomms

### **New Features:**

### **Bug Fixes:**

### **Known Problems:**

- None.

### **Components:**

- UnityCM\_v100.upd - Update File for general use
- UnityCM\_v100.prd - File only for production use
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**Release: v0.92      Date: 3-Jul-2017**

Software Released by:      Gary Pritchard

## **Reason for the Release:**

Initial Release for PT project. Does not have full functionality but is a release specifically to upgrade existing ULM/USM modules on site.

## **New Features:**

## **Bug Fixes:**

- None

## **Known Problems:**

- Lots.

## **Components:**

- UnityCM\_v092.upd - Update File for general use
- UnityCM\_v092.prd - File only for production use

## **Appendix A:      Installation procedure**

To install a software update, perform the following steps:

1. Copy the software release file (named **UnityCM\_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 Interface" and follow the instructions.
4. Once complete, the UCM Interface will restart.

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