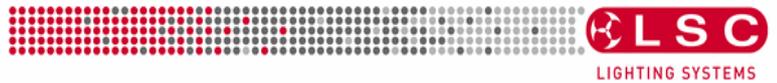# Software Release Note

RD-002-05

LSC Electronics Pty. Ltd.
Research and Development

Project Details: ePlate

Project Title: ePlate software Release Note

Written by   :   Dejan Deletić
Last Modified :   12 July 2010

This document is a cumulative list of bug fixes and feature enhancements for generic PRODUCT family of firmware. This family of software is common for ePlate and EP-RS232 devices.

Reporting Bugs
If you find a bug, or feel that we could improve the dimmer then please let us know. If you find a bug that affects operation or crashes the dimmer then could you let us know ASAP!!
email   techSupport@lsclighting.com.au
fax   +61 3 9702 8000
phone   +61 3 9702 8466

Obtaining Updates
If you wish to be emailed Eko updates as they are released then send an email to the above address and you will be added you to the mailing list.

Release 2.56   Date: 12-Jul-2010

Reason for the Release: Bug Fix
Bug Fixes:

- Startup code now modified to differentiate between crashes and power on startups to improve detection of continual reset condition (bug #966).
- Fader level matching improved (bug #805).
- Startup code reorganised to require less memory for reading and processing of configuration files. In the past, this caused memory overflow crashes with complex configurations.

Release 2.55   Date: 27-Mar-2009

Reason for the Release: Bug Fix
Bug Fixes: Lock functionality fixed.

Release 2.54   Date: 23-Feb-2009

Reason for the Release: Bug Fix
Bug Fixes: Fixed a bug where button presses were occasionally missed.

Release 2.53   Date: 14-May-2008

Reason for the Release: Feature Enhancements and Bug Fixes
Bug Fixes: Addressed all known issues from Mantis database.
                           Fixed a bug where a complex configuration file will consume all available memory, and prevent the device from running. This situation is now detected and alarm is raised. Note: existing ePlates may lose their configurations when upgrading to this software release. Please backup configuration files before upgrading to this software release.
Symptom: Details in Mantis database.

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Software Release Note RD-002-05A
Revision A: Date

Features Upgraded:
- Improved button press/release detection
- Implemented click event
- Implemented double-click
- Implemented click-hold
- Implemented hold-release
- Implemented click-long-hold
- Multiple events for each button can now be configured
- Implemented fader capture feature for faders residing on separate ePlates
- Alarm is sent with every heartbeat if the ePlate does not contain a valid configuration
- Implemented 'Ping' command for the EP/RS232 product
- The same code is suitable for ePlates and EP/RS232 devices

Release 2.52   Date: 19-Mar-2008

Reason for the Release: Bug Fix
Bug Fixes: Fixed an issue where fader values were always stuck to 0.
Symptom: Fader movements do not cause any action, and no messages are sent on LscNet.

Release 2.51   Date: 18-Mar-2008

Reason for the Release: Feature Upgrades
Bug Fixes:
Symptom:

Features Upgraded:
- Improving software robustness.
- Significant changes to the way LscNet communications are handled.
- Re-write of logging system
- Default heartbeat period set to 30 sec
- Termination feedback
- Voltage monitoring
- Support for hardware rev EKPP05B
- Variable heartbeat (including diagnostic command)
- Support for LSC232 protocol (only Control Command)

- END -