



Product Change Notification

PCN No: 2013-02-01-01
Report Date: February 26, 2013
Subject: GLK24064R-25-1U-XX / GLK24064R-25-1U-USB-XX
GLK24064-25-XX / GLK240128-25-XX
Firmware Version 8.4 Release

List of New Products:

All the following graphic displays (and their variants):

GLK24064R-25-1U (-VPT and -colours) PCB Rev 1.0 firmware v8.4
GLK24064R-25-1U-USB (-422, -VPT and -colours) PCB Rev 1.0 firmware v8.4
GLK24064-25-XX (-USB / -422, -VPT and -colours) PCB Rev 4.0 firmware v8.4
GLK240128-25-XX (-USB / -422, -VPT and -colours) PCB Rev 4.0 firmware v8.4

Reason for Change:

Feature additions and bug fixes.

Product Change:

The following list of firmware changes is effective on all the variants of the graphic displays as stated under 'List of New / Changed Products'.

Schedule of Change:

February 25, 2013

Firmware Changes:

Firmware version v8.4 (released February 25, 2013):

1) Features added:

- Display reset command (new command 253)
- Beep on key press / key release (new command 182)
- Commands script execution on key press / key release (new command 141)
- Key press / key release report configuration (new commands 158 and 159)

2) Bug fixes (from v8.3):

- I²C implementation was acknowledging all addresses
- Script implementation was reading extra byte
- Animation implementation would sometimes slow down bitmap rendering
- Xmodem implementation would sometimes corrupt single file uploads
- Sending newline control character (0x0A) would cause the display to beep when no font is installed

Please see the manual for in depth details.

To update the firmware on your display module, please see the Firmware Upgrade section of the manual.

Documentation Revision

Revision	Changes	Date	Author
1.0	Initial Release	Feb 26, 2013	R Malinis

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Reference Documents/Attachments:

Location: <http://www.matrixorbital.ca/manuals/>

Approvals:

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