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## Product Change Notification

**PCN No:** 2013-02-01-02  
**Report Date:** February 26, 2013  
**Subject:** GLT24064R-1U-XX / GLT24064R-1U-USB-XX  
GLT24064-XX / GLT240128-XX  
Firmware Version 8.4 Release

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### List of New Products:

All the following graphic displays (and their variants):

|   |
|---|
| GLT24064R-1U (-VPT and -colours) PCB Rev 1.0 firmware v8.4              |
| GLT24064R-1U-USB ( -422, -VPT and -colours) PCB Rev 1.0 firmware v8.4   |
| GLT24064-XX (-USB / -422, -VPT and -colours) PCB Rev 4.0 firmware v8.4  |
| GLT240128-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 touch press / touch release (new command 182)
- Touch filtering for better touch responses and reports

#### 2) Bug fixes (from v8.3):

- I<sup>2</sup>C 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
- It is now possible to save all 32 touch regions, where before only 25 were saved
- Delete all region command 134 was not working properly

**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 |

## Contact Information:

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## Reference Documents/Attachments:

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

## Approvals:

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