



---

## Product Change Notification

**PCN No:** 2016-01-21-01  
**Report Date:** January 21, 2016  
**Subject:** Alphanumeric Displays  
New Firmware Version Release

---

### List of Changed Products:

All the following Alphanumeric Displays (and all their variants):

LK162A-4T / LK162A-4T-USB PCB R1.0
LK162B-7T / LK162B-7T-USB PCB R1.0
LK204-25 / LK204-25-USB / LK204-25-422 PCB R3.0
VK204-25 / VK204-25-USB / VK204-25-422 PCB R3.0
LK402-25 / LK402-25-USB / LK402-25-422 PCB R3.0

### Reason for Change:

A firmware upgrade has been implemented to add new features / commands.  
There are no hardware changes.

### Schedule of Change:

February 3, 2016

### Product Change:

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

Display	PCB Rev	New Firmware Version
LK162A-4T/-USB	1.0	v7.3
LK162B-7T/-USB	1.0	v7.3
LK204-25/-USB/-422	3.0	v7.3
VK204-25/-USB/-422	3.0	v7.3
LK402-25/-USB/-422	3.0	v7.3

### Firmware Changes:

#### **Firmware version v7.3 (released February 3, 2016)**

1. Feature added:

Added robustness to the product by optionally synchronizing the screen contents with the intelligent PCB memory at a set interval.

2. Commands added:

- Set Typematic Interval Command: 254 158 <1 byte interval in 100ms>

Default is 2 (=200ms)

- Set Typematic Delay Command – 254 159 <1 byte delay in 100ms>

Default is 10 (=1s)

Please see the [manual](#) for in depth details.

## Documentation Revision

Revision	Changes	Date	Author
1.0	Initial Release	January 21, 2016	R Malinis

### Contact Information:

#### Sales

Aaron Hamilton: ahamilton@matrixorbital.ca

### Reference Documents/Attachments:

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

### Approvals:

Engineering: **Henry Jakl (Design and Development)**

Production: **Yuko Hansen (Production Manager)**