

LC Plus™ Panels Firmware Update Service Note

This Service Note explains how to prepare a Martin™ P3™ System Controller to update the firmware in:

- Martin LC Plus™ video display panels, and
- Standard Martin LC™ 1140 and LC 2140 video display panels that have been upgraded with a Martin P3 Upgrade Kit so that they support the Martin P3 video data protocol.

For the latest firmware, documentation and information about these and all Martin Professional™ products, please visit the Martin website at www.martin.com.

If you have any questions about updating LC Plus panel firmware, please contact your local Martin distributor (see www.martin.com/distributors for details) or call the Martin 24-hour service hotline on +45 8740 0000, or in the USA on 1-888-tech-180.

Preparing for a firmware update

To prepare for a firmware update, you will need:

- a PC with Internet access and a USB memory stick
- the latest version of the LC Plus panel firmware, available free of charge from the Martin website at www.martin.com
- a Martin P3-100 System Controller connected to LC Plus panels via a P3 video data link (STP Ethernet CAT 5e or better cable link).

To prepare for the update:

1. Download the LC Plus panel firmware ZIP file from the LC Plus Product Support page in the After-Sales area at www.martin.com to a PC, and unzip the ZIP file. A folder that contains two .fw files will be created.
2. Copy the folder onto a USB memory stick, then insert the memory stick into a USB port on the P3-100 System Controller.
3. Check that the P3-100 System Controller and all panels are powered on and connected via a data link.
4. Click on the Panel Firmware Version button in the P3-100 GUI (arrowed in Figure 1).

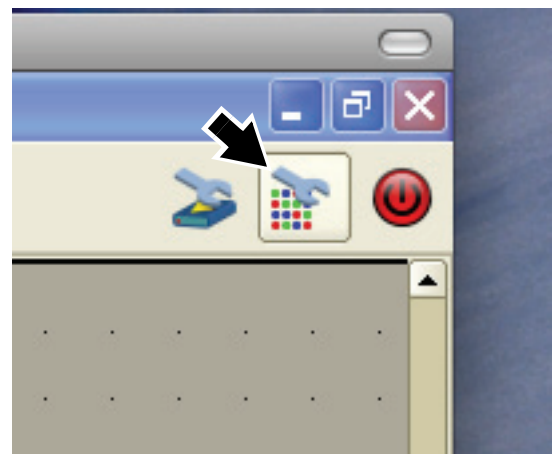


Figure 1: Panel firmware version button

5. A pop-up window will appear (see Figure 2).

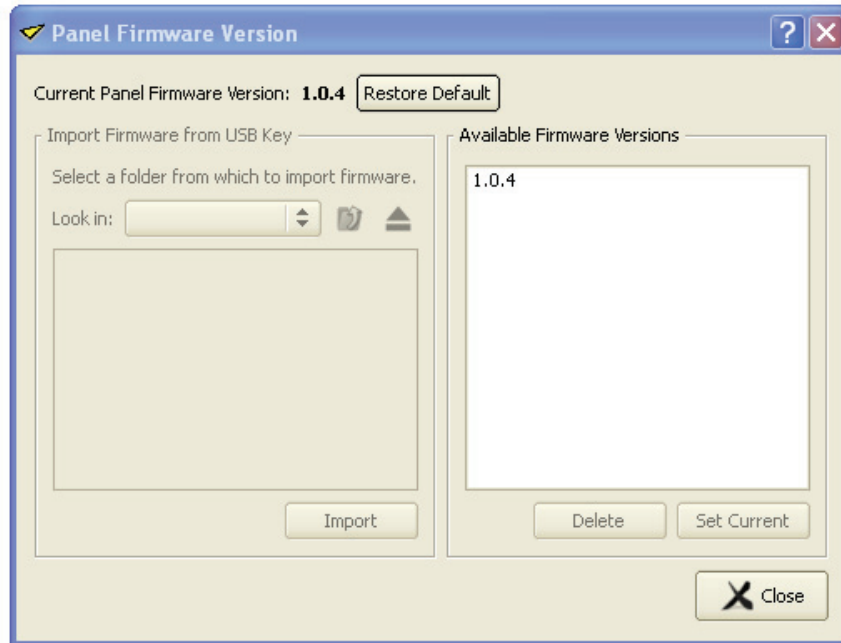


Figure 2: Panel firmware version window

6. The P3-100 System Controller will have detected the USB key you inserted. In the **Import Firmware from USB Key** box, browse to the folder containing the new panel firmware that you saved on the USB key.
7. Double-click on **Panel v.X.X.X** (where X.X.X is the new panel firmware version), or select **Panel v.X.X.X** and click on the **Import** button.
8. The new panel firmware version will appear in the **Available Firmware Versions** list in the pop-up window.
9. Select the new panel firmware version and click on the **Set Current** button.
10. **Current Panel Firmware Version** at the top of the pop-up window will now change to the new panel firmware version.
11. The P3-100 is now ready to upload the new panel firmware to the panels. See *“Installing new LC Plus panel firmware from the P3-100”* in the P3-100 System Controller user manual for full details of this procedure. The P3-100 System Controller user manual is supplied with the P3-100 and is also available for download free of charge from www.martin.com



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P/N 35000608 Rev. A