



L@TITUDE FIREMWARE UPGRADE PROCEDURE



Contents

Contents	2
Prerequisites	4
Copying the Firmware to the USB Drive	6
Upgrading the Panel Firmware	8
Upgrading the Annunciator Firmware	10

PREREQUISITES

NOTE It is always to back up the existing configuration before upgrading the firmware. However, existing configurations will remain unchanged by this upgrade.

- Download and install Win32 Disk Imager from <https://sourceforge.net/projects/win32diskimager>. The firmware file will be stored as an IMG file.
- Obtain a blank USB drive.
- Call technical support at 800.270.3066 (East Coast) or 800.845.6692 (West Coast) to obtain the firmware file. If the file is zippped, unzip it to a known location on the computer.

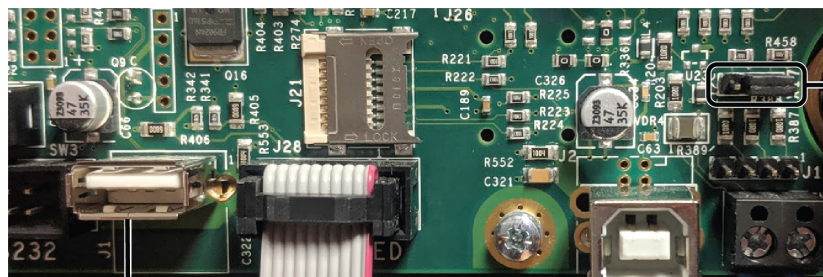
COPYING THE FIRMWARE TO THE USB DRIVE

1. Start Win32 Disk Imager.
2. **Image File.** Select the location of the firmware file.
3. **Device.** Select the drive letter of the blank USB drive.
4. Click **Write**. A warning message will appear. Click **Yes** if you are certain that the correct destination drive is selected. The copy process should take about a minute.
5. If desired, verify the image by clicking **Verify Only**. This verifies that the source image matches the image on the USB drive.

WARNING! At this point, if this USB drive is inserted into a computer, a warning will appear stating that it needs to be formatted and that it does not have a recognizable file system. This is normal and should be ignored.

UPGRADING THE PANEL FIRMWARE

1. Insert the USB drive into the USB port on the LCD Main Processor Board of the panel.
2. Position the jumper at the X17 pins to the rightmost two pins in the 3 pin cluster.



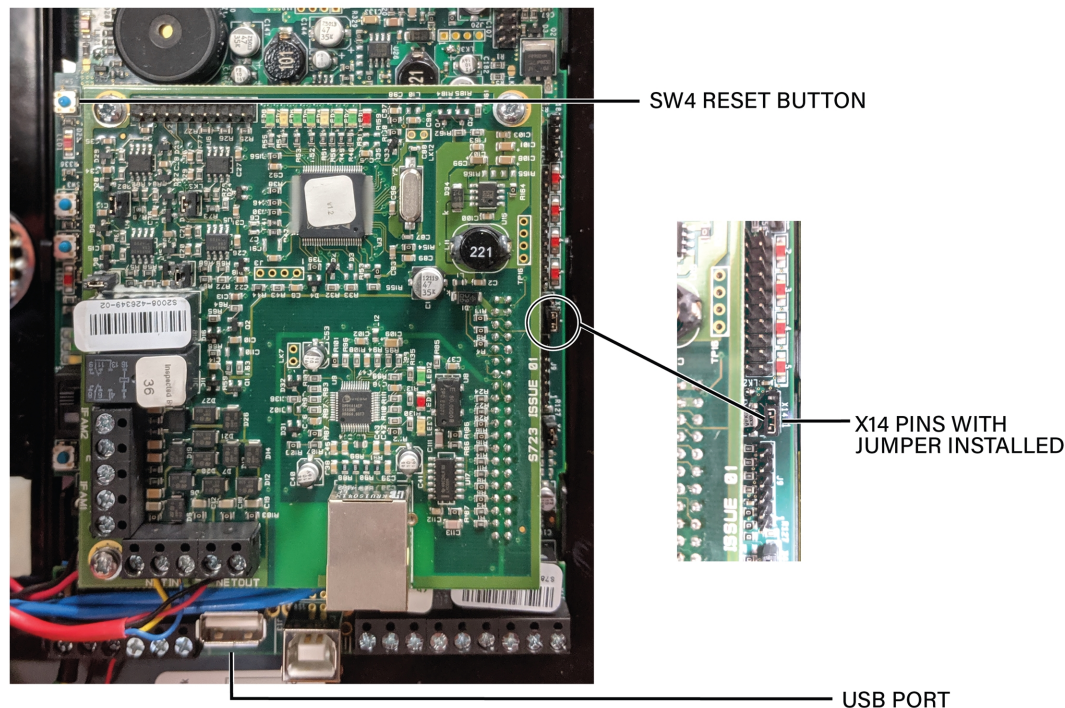
X17 PINS WITH JUMPER INSTALLED

USB PORT

3. Press the blue **Reset** button marked **SW9**. A **Bootloader** message will appear, followed by an **Installing System** message. The process will take under a minute.
4. Once complete, power down the panel and remove the USB drive.
5. Move the jumper to the far left pin only, or another safe location.
6. Restart the panel. The start-up and initialization process will take about 10 minutes.
7. Verify the revision in **System Information**.

UPGRADING THE ANNUNCIATOR FIRMWARE

1. Insert the USB drive into the USB port of the annunciator.
2. Position the jumper onto terminals 1 and 2 of the 3 pin cluster of the X14 pins (the two pins furthest from the adjacent LEDs).



3. Press the blue **Reset** button marked **SW4**. A **Bootloader** message will appear, followed by an **Installing System** message. The process will take under a minute.
4. Once complete, power down the annunciator and remove the USB drive.
5. Move the jumper to the far-left pin only, or another safe location.
6. Restart the annunciator. The start-up and initialization process will take about 10 minutes.
7. Verify the revision in **System Information**.