

TECHNICAL BULLETIN

Guide for Flashing Panel Firmware on a FireNET or FireNET Plus

The information contained in this document is to be used as a quick reference guide. For detailed system information, please refer to the FACP Installation & Operation Manual.

Procedure:

1. Connect X187 or S187 programming cable to the fire panel's PC connector and the DB9 to the Serial Com-port on the computer or USB convertor.



Figure 1.1

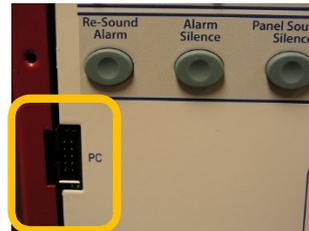


Figure 1.1a

2. Install a jumper/alligator clip on JP-1 pins



Figure 1.2 - Inside FN-2127/FN-4127/FN-LCD-N Panel Door



Figure 1.2a - FireNET Plus Panel

2.1 FireNET and Network Annunciator – The firmware shorting pins are located on the back of the display board in the lower left hand corner and are labeled as JP1.

2.2 FireNET Plus – The firmware shorting pins are located on the front of the panel on the right hand side and are labeled as JP1.

Note: The Enable Access Key must be in the off position. (The panel must be in access level 1)

3. Open Loop Explorer 2

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Rev. 1.02

3.1 Select the 'Tools' tab. From the 'Tools' ribbon, Press the 'Update Panel Firmware' button. The Flash Upgrade window will display. (see Figure 1.3)

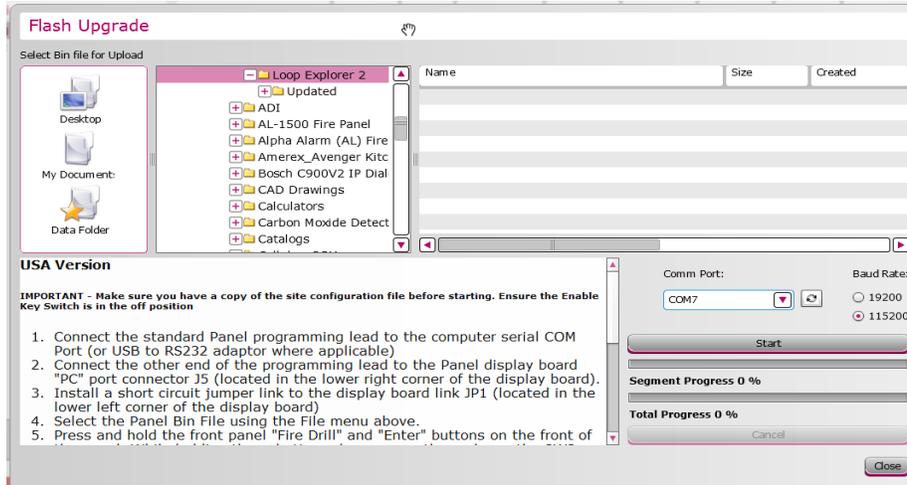


Figure 1.3

3.2 From within the Flash Upgrade window, browse your PC for the correct firmware file.

3.3 Firmware file examples:

FireNET 2127/4127..... SV4.xxxUS.bin

FireNET Plus.....FNP_H7.xxxxxUS.bin or ASA_H7xxxxUS.bin

Network Annunciator.....Sv4.xxxUS_Annunciator.bin

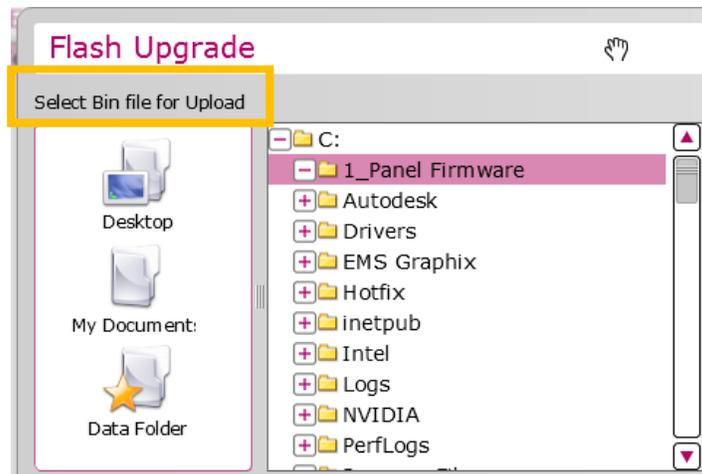


Figure 1.4

3.4 Firmware files that are located in the selected folder will display to the right of the 'Browse to' area. Click on the appropriate firmware file to highlight it. (see figure 1.5)

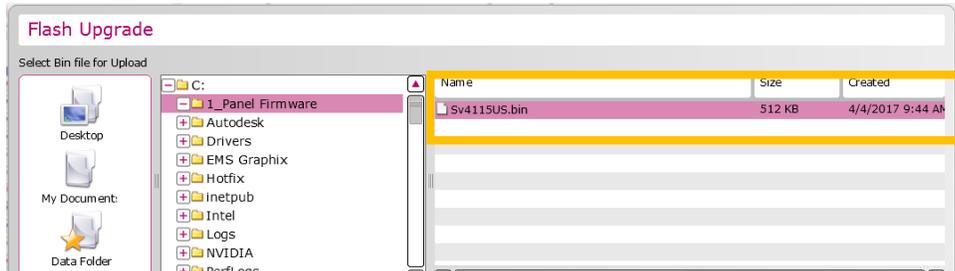


Figure 1.5

4. Select the Baud Rate - 115000 (Fast mode) or 19200 (Slow mode) (see figure 1.6)

5. Select the correct com port. (see figure 1.6)

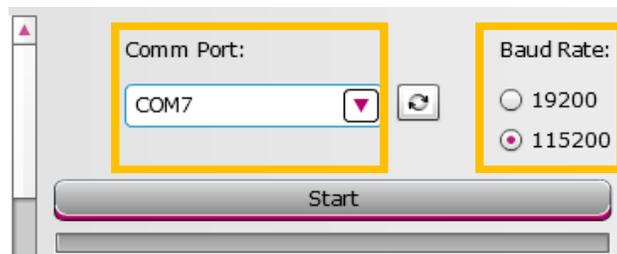


Figure 1.6

Note: If Loop Explorer cannot connect then, verify the com port setting on the PC.

6. Starting the Firmware Flash:

NOTE: Remember the panel must be in Access Level 1 to perform a firmware flash

6.1 Press and Hold the correct faceplate buttons for the selected baud rate:

- ✓ **Slow Mode (19.2K):** Press and hold the **Enter** and **Fire Drill** faceplate buttons.
- ✓ **Fast Mode (115K):** Press and hold **Enter** and **Reset** faceplate buttons.

7. While continuing to hold the two faceplate buttons; press and hold the panel's small reset button (SW2) for about 3 seconds, release the small reset button first and then release the two faceplate buttons. (see Figures 1.7 & 1.7a)



Figure 1.7 - Inside FN-2127/FN-4127/FN-LCD-N Panel Door



Figure 1.7a – FireNET Plus

8. A message should appear on the upper right corner of the flash upgrade window within Loop Explorer 2. (see Figure 1.8)

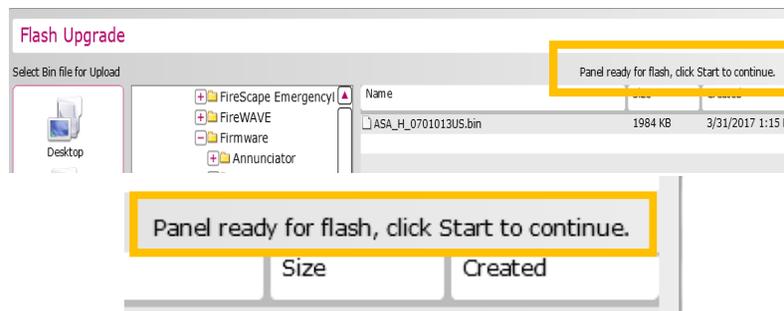


Figure 1.8

9. Press the 'Start' bar on the flash upgrade screen. The underlining color of the 'Start bar' will turn green to indicate the panel is ready to be flashed. (see Figure 1.9)

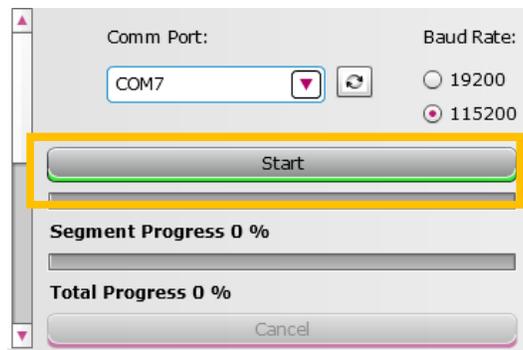


Figure 1.9

10. Percentage progress bars will display:

- ✓ The 'Segment' progress bar displays the current segment of the firmware file being sent to the panel. (see figure 1.10)
- ✓ The 'Total' progress bar displays the total download percentage. (see Figure 1.10)

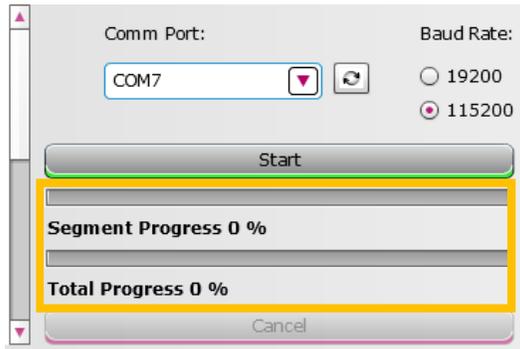


Figure 1.10

11. Upon completion, remove the shorting jumper when the panel starts to reinitialize.

If you have any questions regarding flashing panel firmware please contact the Hochiki America Technical Support Department.

Hochiki America Technical Support Contact Information

Phone: 1-800-845-6692

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: ha_tech_support

www.hochikiamerica.com – click on 'Chat with us'.

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