

Flash Upgrading the Premier 48/88/168/640

1. Introduction

This document describes how to flash upgrade the Premier 48/88/168/640 control panels.

2. Equipment

In order to flash upgrade the control panel the following items are required:

- Flash Interface PCB
- PC-Com or USB-Com
- PC and Premier Flasher software
- Flash data file *
- Wintex UDL Software (recommended)

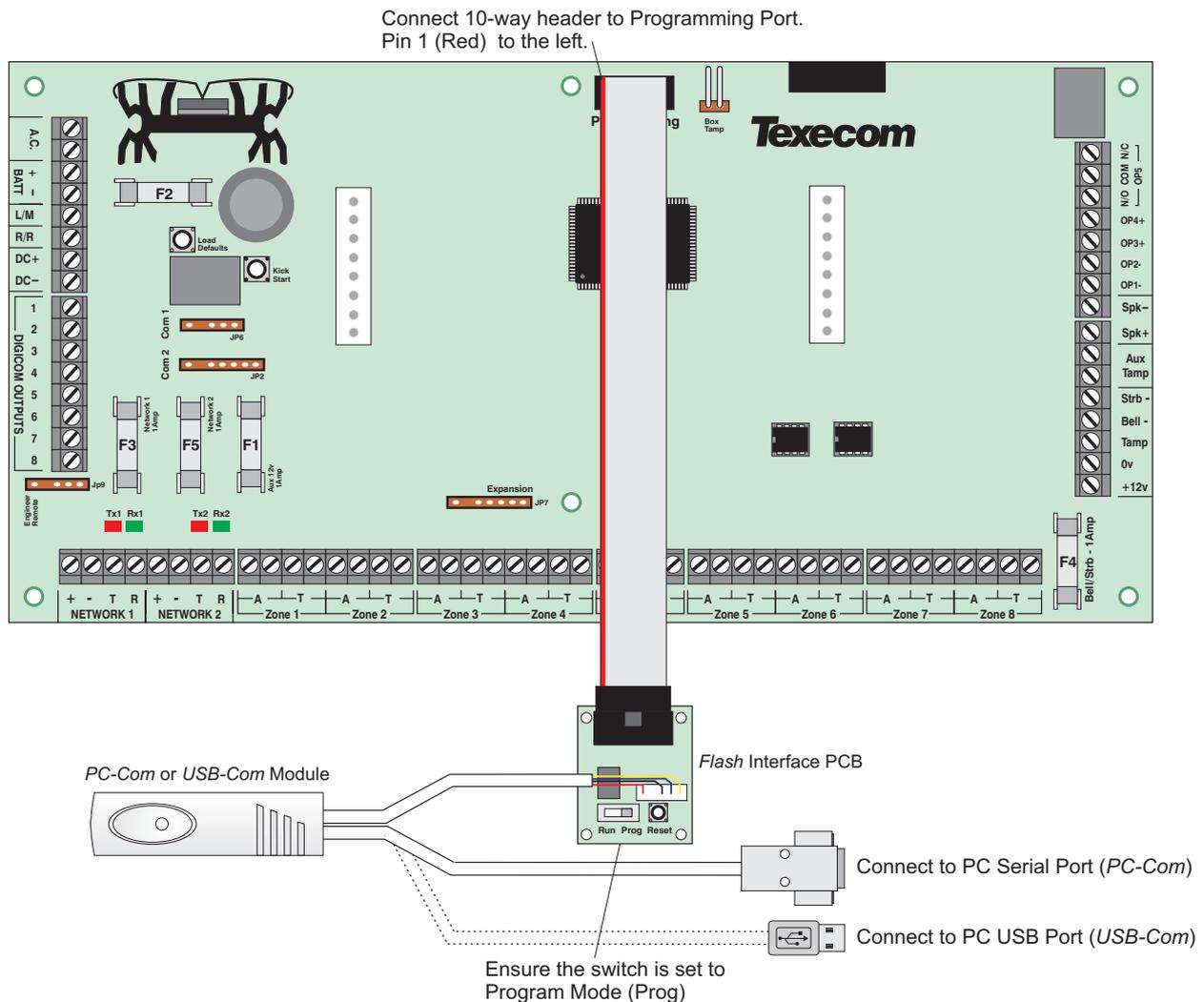
* Email techsupport@texe.com and request control panel firmware file (Please specify panel type).

3. Preparation

It is **HIGHLY** recommended that you use Wintex UDL to upload and save all control panel data before flashing the control panel.

4. Connections

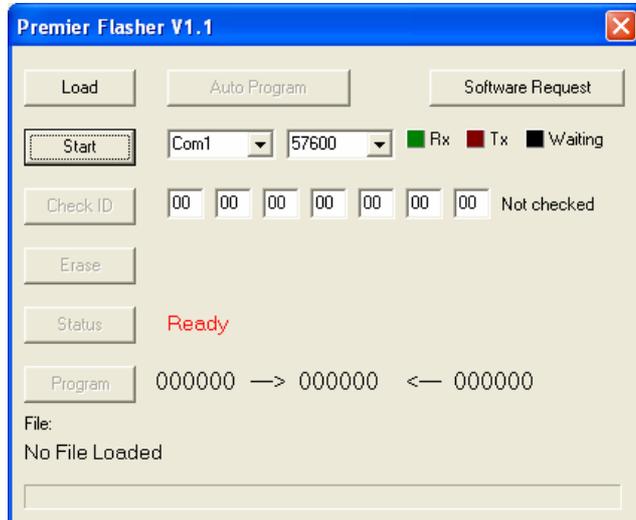
Remove power from the control panel and connect the Flash interface to the control panel and PC as show below:



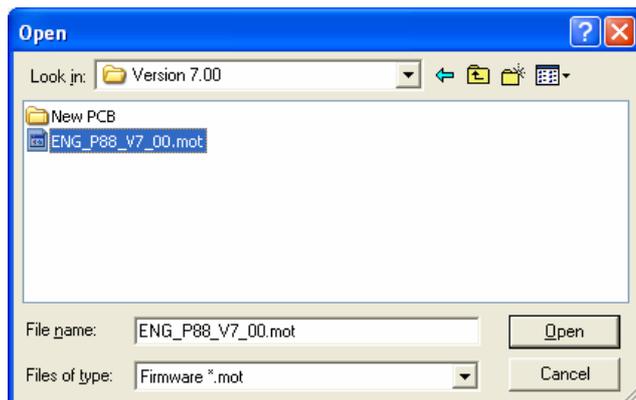
Re-apply power to the control panel and press the **RESET** button on the Premier Flash Interface board.

5. Flashing the Control Panel

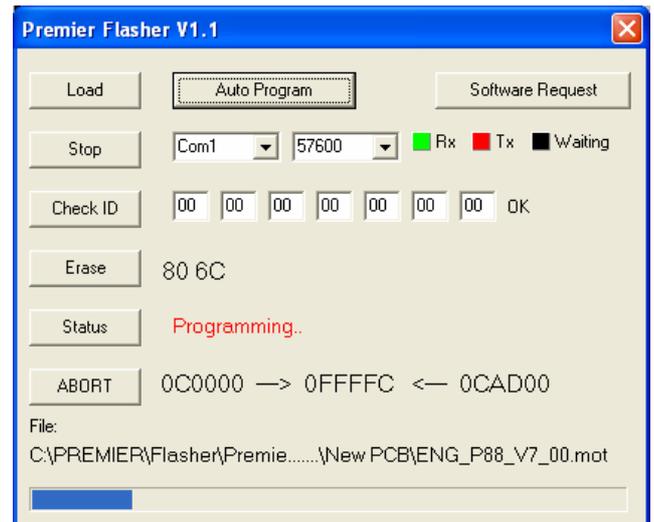
1. Ensure that the *Flash Interface* is connected to the control panel and PC as shown on page 1.
2. If you have anything connected to the control panel port **COM 2**, you **MUST UNPLUG** it.
3. Run the *Premier Flasher* software on the PC, the following screen will appear:



4. If you have not requested the firmware for the control panel, you can click on the “Firmware Request” button. This will generate a template email for you to request the required firmware.
5. Select the com port (Com1 to Com9) that the PC-Com is connected to.
6. Select the baud rate for the com port (the default of 57600 should suffice)
7. Click on the “Load” button and browse for the source file, e.g., ENG_P88_V7_00.mot. Click on Open to load the file:



8. Press the **RESET** button of the Flash interface PCB.
9. Click on the “Auto Program” button. The Premier Flasher will automatically flash program the control panel:



10. When completed, move the switch on the *Flash interface PCB* to the **RUN** position then press the **RESET** button:



11. Carefully unplug the 10 way header from the control panel.
12. The control panel should now have the new software in it. If you press Menu then 4 on a remote keypad it will display the control panel type and software version.
13. If you did not use Wintex UDL to upload the control panel data, you **MUST** power down the control panel and perform a “Factory Reset” to ensure that all defaults are loaded correctly. If you did use Wintex UDL, then follow the procedure on page 3.

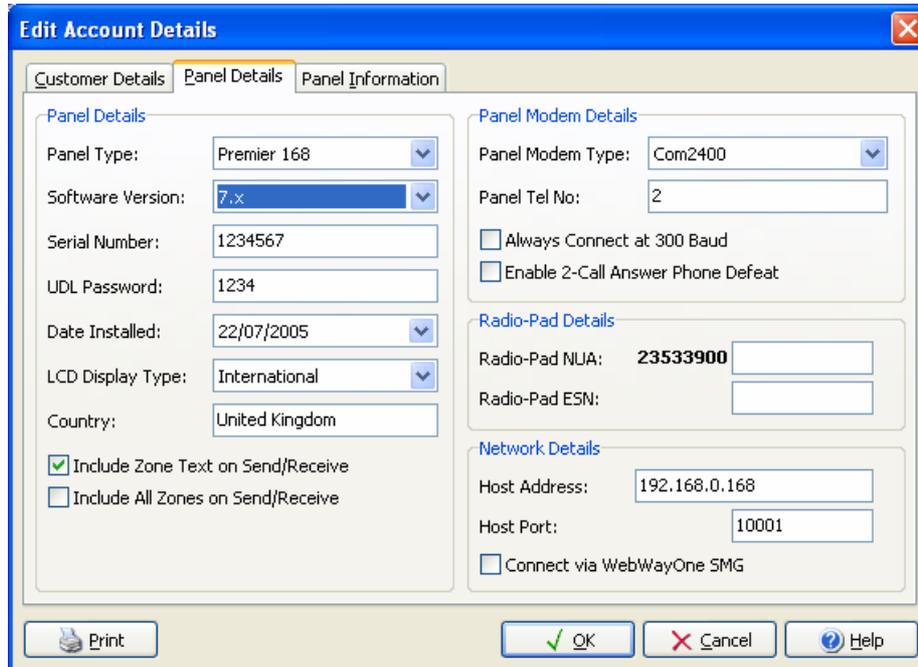
6. Using Wintex to Update New Options

If as recommended, you uploaded the control panel data into Wintex before flashing the control panel, the following procedure will ensure that all new features will be set to their default settings:

1. Open the account profile of the control panel that you have just flash updated.



2. Click on the  button.
3. Select the "Panel Details" tab:

A screenshot of the "Edit Account Details" dialog box. It has three tabs: "Customer Details", "Panel Details" (selected), and "Panel Information". The "Panel Details" section includes: Panel Type (Premier 168), Software Version (7.x), Serial Number (1234567), UDL Password (1234), Date Installed (22/07/2005), LCD Display Type (International), and Country (United Kingdom). There are two checkboxes: "Include Zone Text on Send/Receive" (checked) and "Include All Zones on Send/Receive" (unchecked). The "Panel Modem Details" section includes: Panel Modem Type (Com2400), Panel Tel No (2), and two checkboxes: "Always Connect at 300 Baud" (unchecked) and "Enable 2-Call Answer Phone Defeat" (unchecked). The "Radio-Pad Details" section includes: Radio-Pad NUA (23533900) and Radio-Pad ESN. The "Network Details" section includes: Host Address (192.168.0.168), Host Port (10001), and a checkbox "Connect via WebWayOne SMG" (unchecked). At the bottom are buttons for Print, OK, Cancel, and Help.

4. Click on the "Software Version" drop-down box and select the version that matches the version you used to flash the control panel.
5. Click OK, Wintex will automatically update any new options to their default settings.



6. Click on the  button to connect to the control panel using a *PC-Com* or *USB-Com*.

7. Click on the  button to update the new options in the control panel.