KWIII Flash Utility (Rev. 3.0 a)
Addendum

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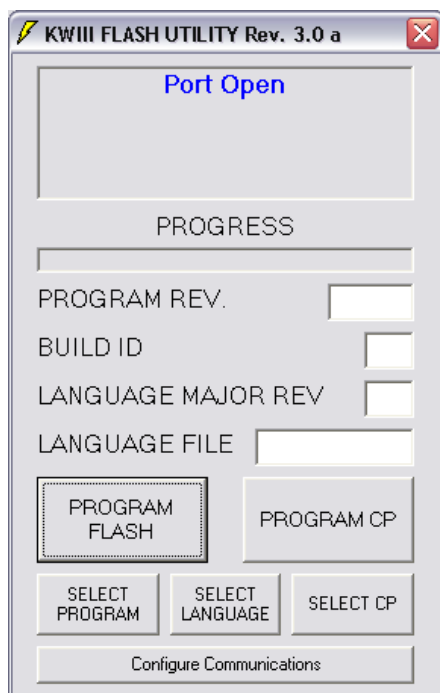
MORSE WATCHMANS INCORPORATED

This document is intended to describe how the KWIII Flash Utility Program is installed and operated. The Flash Utility Program allows the Flash and/or Code Plug in the KeyWatcher III to be updated. The Flash and language files are used to update the KWIII to a new version. The Code Plug file is used to update the options for a KWIII and is configured by Morse Watchmans Inc. The KWIII Flash Utility Program is located on the Key-Pro III installation CD.

KWIII Flash Utility Installation: To install the KWIII Flash Utility Program, follow these steps:

1) Execute the SETUP ("D:\Flash Utility\setup.exe") file located in the Flash Utility folder on the Key-Pro III installation CD. Follow the install instructions to install the KWIII Flash Utility Program. It is recommended the default installation be used to setup the KWIII Flash Utility Program.

2) To execute the KWIII Flash Utility Program, select Start, Programs, Morse Watchman, and KWIII Flash Utility. The KWIII Flash Utility window will be displayed:

Program CP (Code Plug): If the KeyWatcher III update you received is for the Code Plug, follow these steps:

1) The Code Plug Update requires the code plug file. Copy the file received to the following folders: (Keep in mind these are the default installation folders for the KWIII Flash Utility install.)

   Example Code Plug File: 000006.cp

   C:\Program Files\Morse Watchman\KWIII Flash Utility

2) Select **Select CP** and choose the code plug file from the appropriate folder. (000006.cp)

3) Select **Configure Communications** and be sure the proper Comm port is selected or correct IP address is input. The BAUD RATE setting should be 38400 unless instructed by a Morse Watchman technician to change it.

4) Select **Program CP** and the KWIII Flash Utility will begin updating the KeyWatcher III.

5) Once the Code Plug Update has finished successfully, close the KWIII Flash Utility program.

6) The KeyWatcher will perform a Warm Boot automatically and the new Code Plug settings will take effect immediately.

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Program Flash: If the KeyWatcher III update you received is for the Flash, follow these steps:

1) The Flash Update requires two files, the Program and the Language. Copy the files received to the following folders: (Keep in mind these are the default installation folders for the KWIII Flash Utility install.)
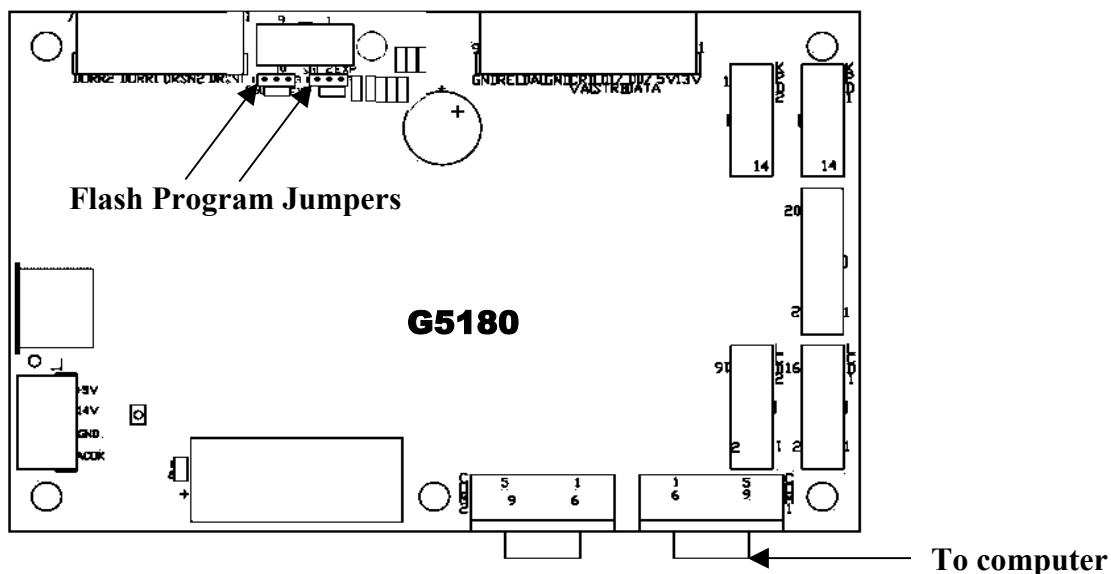
   Example Flash Update Files: 5180.s19 & English.s19

   C:\Program Files\Morse Watchman\Flash Utility

2) Select **Select Program** and select the program file from the appropriate folder. (5180.s19)

3) Select **Select Language** and select the language file from the appropriate folder. (English.s19)

4) Select **Configure Communications** and be sure the proper Comm port is selected or correct IP address is input. The BAUD RATE setting should be 38400 unless instructed by a Morse Watchman technician to change it.

Follow these steps to put the KeyWatcher III into the Flash Program Mode:

   A: Completely power down the KeyWatcher III system.

   B: There are two jumpers located on the KeyWatcher III CPU Board (G5180) that need to be moved. The following drawing indicates the location of these jumpers:

   C: The jumpers are currently positioned across the right two pins (EXP). Remove both jumpers and position them across the left two pins (SGL).

   D: Power up the KeyWatcher III and black squares should be displayed on the KeyWatcher III display.

5) Select **Program Flash** and the KWIII Flash Utility will Erase Flash and then Program the new flash.

6) Once the Flash has finished successfully, completely power down the KeyWatcher III system.

7) Remove both jumpers and position them across the right two pins (EXP) and power up the KeyWatcher. The new Flash will take effect immediately.

8) Close the KWIII Flash Utility program.