Overview: The 7706-ULF Conventional Fire Monitoring System is designed for use as a fire control panel for life safety applications. The system is designed to be used with the AES-IntelliNet system for alarm, supervisory, and trouble messages to be transmitted to the AES-IntelliNet system central receiver.

7706-ULF Installation, Configuration and Programming:
See these resources for information about installing, configuring, and programming the fire panel component of the 7706-ULF:
- Online video training at www.pottersignal.com, the Potter Electric Signal Co. website.

Important! The AES 7041E Hand Held Programmer cannot be used to program the 7788F subscriber in the 7706-ULF system. The 7788F must be configured through the 7706-ULF LCD and keypad interface. For detailed description of subscriber operation, refer to the 7788F Installation and Operation Manual (Part# 40-7788).

7788F Configuration: Subscriber configuration is done using the “PIC Options” menus available on the 7706-ULF LCD and keypad interface. The menu tree is outlined below:

| PIC Options | 1=Setup | ID#                     |
|            | Cphr Code |                       |
| 2=Timers   | Checkin Time | NTR RPT DLY | Comm Timeout |
| 3=Modes    | Enable Repeating | Status TTL | Alarm TTL | Trouble TTL | Restoral TTL | Intellitap TTL | Special TTL |
| 4=Time to Live | Checkin TTL | Status TTL | Alarm TTL | Trouble TTL | Restoral TTL | Intellitap TTL | Special TTL |
| 5=Acct Override | Acct Override |                   |           |           |           |           | |
| 6=User Codes | User Codes |                       |           |           |           |           | |
| 8=Default PIC | Default PIC |                       |           |           |           |           | |

To enter the “PIC Options” menu from the Main Screen:
1. Press “Enter”
2. Press “6”
3. Enter the 4-digit access code (Default: 1111)
4. Press “7” (PIC Options)

From this menu, do the following to configure the subscriber:

Data Entry Notes:
1. The “ENTER” key selects a menu or data item, “ESC” exits
2. When entering ID and cipher code HEX values, use the UP arrow to shift the first six numbers: UP arrow-1=A, UP arrow-2=B, UP arrow-3=C, UP arrow-4=D, UP arrow-5=E, UP arrow-6=F
   Example: 12AE = 1, 2, UP arrow-1, UP arrow-5
3. The UP and DOWN arrows can be used to navigate the menu tree

To Set ID and Cipher Code:
1. Press “1” or “ENTER”
2. Enter the 4-digit subscriber ID, then “ENTER”
3. Enter the 4-digit cipher code, then “ENTER”
4. Press “ESC” twice
5. Press “1” to accept, then “ENTER”
6. Panel will reboot and load the new values to the subscriber

To Set Timers and TTL Values:
1. Press “2” (Timers) or “4” (Time to Live)
2. “xx:xx”: Enter hours, “RIGHT ARROW”, minutes, then “ENTER”
3. “xxx”: Enter minutes, then “ENTER”

To Set Modes YES/NO Values:
1. Press “3”
2. Press any arrow to toggle between “YES” and “NO”
3. Press “ENTER” to select value and exit

(Note: Enable Repeating Y/N is the only configurable option)

To Set Acct Override or User Codes YES/NO Values:
1. Press “5”, “6”
2. Press any arrow to toggle between “YES” and “NO”
3. Press “ENTER” to select value and exit

To Set Report Acct YES/NO Values:
1. Press “7”
2. Press arrows to select Rpt Alarms, Rpt Troubles, and Rpt Supervisory
3. Press arrows to select Rpt By
4. Enter a 4-digit value for Rpt Acct
5. Press “ENTER” to select values and exit

To Reset to Default Settings:
1. Press “8”
2. Press any arrow to toggle between “YES” and “NO”
3. Press “ENTER” to select value and exit

To Get Status and Routing Table (from the main screen):
1. Press “ENTER”, then “5”
2. Enter access code (default 1111)
3. Press “8” (PIC MENU)
4a: For Status: Press “1” OR...
4b: For Routing Table: Press “2”
5. Use the UP and DOWN arrows to scroll through values
6. Press “ESC” to exit