## 3. PROGRAMMING

**Note:** For user programming instructions, refer to the EAGLE 4700 USER'S GUIDE (OI134).

All system features, codes, and communicator transmission information may be programmed using the keypad or downloaded from a compatible programmer. This control panel is compatible with FBI E-Z-Mate Programmers. To download from (or upload to) an E-Z-Mate Programmer, short jumper JP2 to Download Pin P1 on the control panel board. For downloading/uploading procedures, refer to instructions furnished with the programmer.

**Default Program.** The following default program is factory installed (note that it is set up for communication). It is the installer's responsibility to add, change, and/or delete features in accordance with these programming instructions to customize the system to the user's requirements and to conform to local codes. The default conditions will be restored whenever the system is reset (JP1 and JP2 shorted, see **System Reset**).

**Note:** "A" denotes a blank (non-value) entry, and is programmed as such.

**Default Values.** The control panel is factory programmed as follows:

- Dealer Program Code: 4700
- Telephone No. 1: 234AAAAAAAAAAAAA
- Telephone No. 2: AAAAAAAAAAAAAAAA (blank)
- Communicator Options: TouchTone®; 20 Baud; 2300Hz; 3/1; Audible Panic

| | |
|---|---|
| Account No. 1: 1234 | User 1 Code: 1234 |
| Account No. 2: AAAA (blank) | Ambush: AA (blank) |
| Entry Delay: 30 seconds | Ac Fail: AA (blank) |
| Exit Delay: 60 seconds | Panic: 22 |
| Burglary Bell Timeout: 15 minutes | Low Battery: AA (blank) |
| Fire Bell Timeout: None | Opening: A (blank) |
| Zone 1: Delayed (Alarm Code: 31) | Closing: A (blank) |
| Zone 2: Interior Follower (Alarm Code: 32) | Test: AA (blank) |
| Zone 3: Perimeter (Alarm Code: 33) | Bypass: A (blank) |
| Zone 4: Perimeter (Alarm Code: 34) | Restore: E |
| Zone 5: Perimeter (Alarm Code: 35) | Trouble: F |
| Zone 6: Fire (Alarm Code: 16) | Keypad Fire Panic: 1A |
| | Keypad Auxiliary Panic: 2A |

### PROGRAMMING SHEET

A programming record sheet is provided at the end of this section. Fill out this sheet when planning system features and communicator information for the particular installation and keep it on file for future reference. Refer to **PROGRAMMING DATA AND INFORMATION** for guidance in programming each block.

**Note:** Contact the central station to ascertain receiver format, data format, account numbers, alarm codes, and telephone numbers.

### KEYPAD PROGRAMMING

**General Information.** As can be seen from the Programming Sheet, the programming routine is divided into a series of 18 Blocks numbered "01" through "17" and "00". Each block except *Telephone Numbers* contains 4 locations; *Telephone Numbers* (Blocks 01 and 02) each contain

| DATA CHARACTER | TO PROGRAM, |
|---|---|
| A (= 10) | Press CODE, then 1 |
| B (= 11) | Press CODE, then 2 |
| C (= 12) | Press CODE, then 3 |
| D (= 13) | Press CODE, then 4 |
| E (= 14) | Press CODE, then 5 |
| F (= 15) | Press CODE, then 6 |

**\* Button.** Select Block Number "XX" ("XX" = Block Number). If not programming in the normal sequence, press the \* Button, then two numerical keys representing the block number (00-17). The keypad will beep with each press of the keypad and a half-second beep will sound to indicate a valid entry (four short beeps will indicate an invalid block number). The Zone LEDs will display the Block Number in hexadecimal form; similarly, the system status LEDs will display the data entry in the first location of that block.

**# Button.** Next Location. Advance to the next location within the block. The keypad will beep with each press of the keypad; at the end of a block, the keypad will sound a 1-second beep (approximately) to notify advancement to the first location of the next block.

**Dealer Program Mode.** The Dealer Program Mode may be accessed only while the panel is disarmed, as follows:

1. Press the CODE Button.

2. Press the \* Button.

3. Enter your Dealer Program Code. (The default Dealer Program Code is 4,7,0,0, but this number may be changed.) The green READY LED will flash to indicate the Dealer Program Mode. The red Zone 1 LED will light to indicate Block No. 01 (Location 1); one or more system status LEDs will light to indicate the data entry in that location.

4. To select a particular block (1st location), press the \* Button followed by the block number. (The block number is entered as a two-digit number, thus Block No. 4 is entered as "04".)

5. To advance to the next location, press the # Button.

6. To program data entries 0-9, press the respective numerical key on the keypad. To program an extended data character A-F, press the CODE Button, then numerical key 1-6, respectively (see chart, above). The data entry for the selected location will be displayed by the system status LEDs.

7. Repeat steps 5 and 6 to continue programming.

8. To exit the Dealer Program Mode, press the INTERIOR Button. All LEDs will light for about five seconds before returning the system to normal operation.