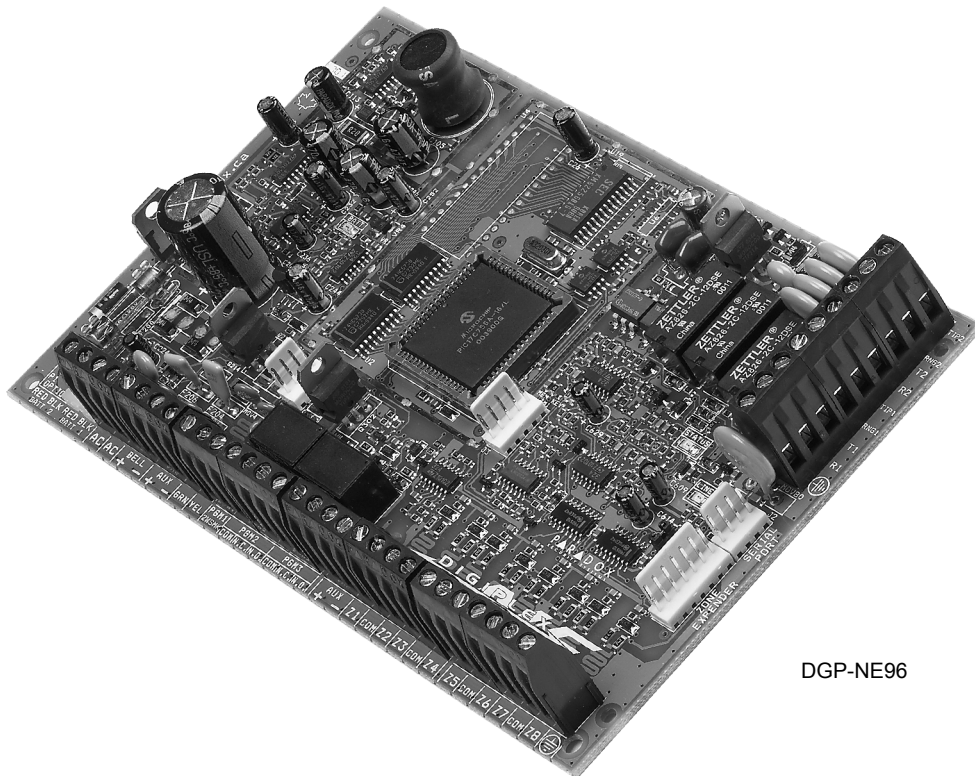




# SABOTAGE-PROOF HIGH-SECURITY SYSTEM (DGP-NE96)

## PROGRAMMING GUIDE

Software Version V1.3



DGP-NE96

### DEFAULT INSTALLER CODE

**000000** (To modify the installer code, refer to section [1000], "Installer Code Programming" on page 20)

### DEFAULT SYSTEM MASTER CODE

**1234** or **123456**

### HOW DO I ENTER PROGRAMMING MODE?

- STEP 1: Press and hold the [0] key  
STEP 2: Enter your [INSTALLER CODE]  
STEP 3: Enter 4-digit [SECTION]  
STEP 4: Enter required [DATA]

### DECIMAL AND HEXADECIMAL PROGRAMMING TABLE

| Key        | Value or Action         | Key     | Value or Action                                           |
|------------|-------------------------|---------|-----------------------------------------------------------|
| [0] to [9] | 0 to 9 (Hexa & Decimal) | [BYP]   | E (Hexa Only)                                             |
| [STAY]     | A (Hexa Only)           | [MEM]   | F (Hexa Only)                                             |
| [FORCE]    | B (Hexa Only)           | [CLEAR] | Exit section without saving (Hexa & Decimal)              |
| [ARM]      | C (Hexa Only)           | [ENTER] | Save current data and advance to next section (Hexa Only) |
| [DISARM]   | D (Hexa Only)           |         |                                                           |

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# Serial Number List

All modules connected to the control panel's communication bus have an 8-digit serial number. Remove the extra serial number sticker from each module's PC board and affix in the appropriate spaces provided below (maximum 127 modules).

| Module Type & Details | Serial # |
|-----------------------|----------|
|-----------------------|----------|

|           |       |
|-----------|-------|
| 1: _____  | _____ |
| 2: _____  | _____ |
| 3: _____  | _____ |
| 4: _____  | _____ |
| 5: _____  | _____ |
| 6: _____  | _____ |
| 7: _____  | _____ |
| 8: _____  | _____ |
| 9: _____  | _____ |
| 10: _____ | _____ |
| 11: _____ | _____ |
| 12: _____ | _____ |
| 13: _____ | _____ |
| 14: _____ | _____ |
| 15: _____ | _____ |
| 16: _____ | _____ |
| 17: _____ | _____ |
| 18: _____ | _____ |
| 19: _____ | _____ |
| 20: _____ | _____ |
| 21: _____ | _____ |
| 22: _____ | _____ |

| Module Type & Details | Serial # |
|-----------------------|----------|
|-----------------------|----------|

|           |       |
|-----------|-------|
| 23: _____ | _____ |
| 24: _____ | _____ |
| 25: _____ | _____ |
| 26: _____ | _____ |
| 27: _____ | _____ |
| 28: _____ | _____ |
| 29: _____ | _____ |
| 30: _____ | _____ |
| 31: _____ | _____ |
| 32: _____ | _____ |
| 33: _____ | _____ |
| 34: _____ | _____ |
| 35: _____ | _____ |
| 36: _____ | _____ |
| 37: _____ | _____ |
| 38: _____ | _____ |
| 39: _____ | _____ |
| 40: _____ | _____ |
| 41: _____ | _____ |
| 42: _____ | _____ |
| 43: _____ | _____ |
| 44: _____ | _____ |

| Module Type & Details | Serial # |
|-----------------------|----------|
| 45: _____             | _____    |
| 46: _____             | _____    |
| 47: _____             | _____    |
| 48: _____             | _____    |
| 49: _____             | _____    |
| 50: _____             | _____    |
| 51: _____             | _____    |
| 52: _____             | _____    |
| 53: _____             | _____    |
| 54: _____             | _____    |
| 55: _____             | _____    |
| 56: _____             | _____    |
| 57: _____             | _____    |
| 58: _____             | _____    |
| 59: _____             | _____    |
| 60: _____             | _____    |
| 61: _____             | _____    |
| 62: _____             | _____    |
| 63: _____             | _____    |
| 64: _____             | _____    |
| 65: _____             | _____    |
| 66: _____             | _____    |
| 67: _____             | _____    |
| 68: _____             | _____    |

| Module Type & Details | Serial # |
|-----------------------|----------|
| 69: _____             | _____    |
| 70: _____             | _____    |
| 71: _____             | _____    |
| 72: _____             | _____    |
| 73: _____             | _____    |
| 74: _____             | _____    |
| 75: _____             | _____    |
| 76: _____             | _____    |
| 77: _____             | _____    |
| 78: _____             | _____    |
| 79: _____             | _____    |
| 80: _____             | _____    |
| 81: _____             | _____    |
| 82: _____             | _____    |
| 83: _____             | _____    |
| 84: _____             | _____    |
| 85: _____             | _____    |
| 86: _____             | _____    |
| 87: _____             | _____    |
| 88: _____             | _____    |
| 89: _____             | _____    |
| 90: _____             | _____    |
| 91: _____             | _____    |
| 92: _____             | _____    |

| Module Type & Details | Serial # |
|-----------------------|----------|
| 93:_____              | _____    |
| 94:_____              | _____    |
| 95:_____              | _____    |
| 96:_____              | _____    |
| 97:_____              | _____    |
| 98:_____              | _____    |
| 99:_____              | _____    |
| 100:_____             | _____    |
| 101:_____             | _____    |
| 102:_____             | _____    |
| 103:_____             | _____    |
| 104:_____             | _____    |
| 105:_____             | _____    |
| 106:_____             | _____    |
| 107:_____             | _____    |
| 108:_____             | _____    |
| 109:_____             | _____    |
| 110:_____             | _____    |

| Module Type & Details | Serial # |
|-----------------------|----------|
| 111:_____             | _____    |
| 112:_____             | _____    |
| 113:_____             | _____    |
| 114:_____             | _____    |
| 115:_____             | _____    |
| 116:_____             | _____    |
| 117:_____             | _____    |
| 118:_____             | _____    |
| 119:_____             | _____    |
| 120:_____             | _____    |
| 121:_____             | _____    |
| 122:_____             | _____    |
| 123:_____             | _____    |
| 124:_____             | _____    |
| 125:_____             | _____    |
| 126:_____             | _____    |
| 127:_____             | _____    |

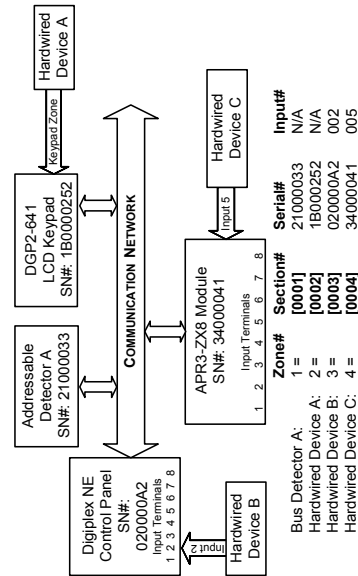
# Zone Programming

## ZONE NUMBERING

Sections [0001] to [0096] represent zones 1 through 96. This feature allows you to assign an addressable or hardwired detection device to the desired zone.

Enter 3-digit [INPUT NUMBER] of the Module to which the hardwired detection device is connected. **NOTE: No input number is required for Addressable Detectors, door contacts, or Keypad Zones.**

Enter 8-digit [SERIAL NUMBER] of the Addressable Detector, door contact, or Module to which the hardwired detection device is connected.



When option [1] in section [3030] is enabled for PGM1 to act as a zone input for two-wire smoke detectors, the control panel will recognize PGM1 as input number 255.



## ZONE PARAMETERS

Sections [0101] to [0196] represent zones 1 through 96. This feature defines the type of zone, its partition assignment and the zone's options.

**Zone Definitions**  
0 - Disabled (Default)  
1 - Entry Delay 1  
2 - Entry Delay 2  
3 - Follow  
4 - Instant  
5 - 24Hr Buzzer  
6 - 24Hr Burglary  
7 - 24Hr Hold-up  
8 - 24Hr Gas  
9 - 24Hr Heat  
A - 24Hr Water  
B - 24Hr Freeze  
C - Delayed 24Hr Fire  
D - Standard 24Hr Fire  
E - Stay Delay 1  
F - Stay Delay 2

**Zone Options**  
[1] Auto Zone Shut-down Enabled  
[2] Bypass Enabled (default)  
[3] Stay Zone  
[4] Force Zone  
[5] [6] Zone Alarm Type  
off off Steady Alarm  
off on Pulsed Alarm  
on off Silent Alarm  
on on Report Only  
[7] Intellizone Delay before transmission  
[8]

**Zone Partition Assignment**  
1- Assigned to Partition 1 (Default)  
2- Assigned to Partition 2  
3- Assigned to Partition 3  
4- Assigned to Partition 4  
5- Assigned to Partition 5  
6- Assigned to Partition 6  
7- Assigned to Partition 7  
8- Assigned to Partition 8

| Zone | Description | Module | Section | 8-digit Serial Number | Input# | Section | Define | Assign | Zone Options    |
|------|-------------|--------|---------|-----------------------|--------|---------|--------|--------|-----------------|
| 1    |             |        | [0001]  | / / / / / / / /       | / /    | [0101]  |        |        | 1 2 3 4 5 6 7 8 |
| 2    |             |        | [0002]  | / / / / / / / /       | / /    | [0102]  |        |        | 1 2 3 4 5 6 7 8 |
| 3    |             |        | [0003]  | / / / / / / / /       | / /    | [0103]  |        |        | 1 2 3 4 5 6 7 8 |
| 4    |             |        | [0004]  | / / / / / / / /       | / /    | [0104]  |        |        | 1 2 3 4 5 6 7 8 |
| 5    |             |        | [0005]  | / / / / / / / /       | / /    | [0105]  |        |        | 1 2 3 4 5 6 7 8 |
| 6    |             |        | [0006]  | / / / / / / / /       | / /    | [0106]  |        |        | 1 2 3 4 5 6 7 8 |
| 7    |             |        | [0007]  | / / / / / / / /       | / /    | [0107]  |        |        | 1 2 3 4 5 6 7 8 |
| 8    |             |        | [0008]  | / / / / / / / /       | / /    | [0108]  |        |        | 1 2 3 4 5 6 7 8 |
| 9    |             |        | [0009]  | / / / / / / / /       | / /    | [0109]  |        |        | 1 2 3 4 5 6 7 8 |
| 10   |             |        | [0010]  | / / / / / / / /       | / /    | [0110]  |        |        | 1 2 3 4 5 6 7 8 |
| 11   |             |        | [0011]  | / / / / / / / /       | / /    | [0111]  |        |        | 1 2 3 4 5 6 7 8 |
| 12   |             |        | [0012]  | / / / / / / / /       | / /    | [0112]  |        |        | 1 2 3 4 5 6 7 8 |
| 13   |             |        | [0013]  | / / / / / / / /       | / /    | [0113]  |        |        | 1 2 3 4 5 6 7 8 |
| 14   |             |        | [0014]  | / / / / / / / /       | / /    | [0114]  |        |        | 1 2 3 4 5 6 7 8 |
| 15   |             |        | [0015]  | / / / / / / / /       | / /    | [0115]  |        |        | 1 2 3 4 5 6 7 8 |
| 16   |             |        | [0016]  | / / / / / / / /       | / /    | [0116]  |        |        | 1 2 3 4 5 6 7 8 |
| 17   |             |        | [0017]  | / / / / / / / /       | / /    | [0117]  |        |        | 1 2 3 4 5 6 7 8 |
| 18   |             |        | [0018]  | / / / / / / / /       | / /    | [0118]  |        |        | 1 2 3 4 5 6 7 8 |
| 19   |             |        | [0019]  | / / / / / / / /       | / /    | [0119]  |        |        | 1 2 3 4 5 6 7 8 |
| 20   |             |        | [0020]  | / / / / / / / /       | / /    | [0120]  |        |        | 1 2 3 4 5 6 7 8 |
| 21   |             |        | [0021]  | / / / / / / / /       | / /    | [0121]  |        |        | 1 2 3 4 5 6 7 8 |
| 22   |             |        | [0022]  | / / / / / / / /       | / /    | [0122]  |        |        | 1 2 3 4 5 6 7 8 |

| Zone | Description | Module | Section | 8-digit Serial Number | Input# | Section | Define | Assign | Zone Options    |
|------|-------------|--------|---------|-----------------------|--------|---------|--------|--------|-----------------|
| 23   |             |        | [0023]  | _/_/_/_/_/_/_/_       | _/_/_  | [0123]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 24   |             |        | [0024]  | _/_/_/_/_/_/_/_       | _/_/_  | [0124]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 25   |             |        | [0025]  | _/_/_/_/_/_/_/_       | _/_/_  | [0125]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 26   |             |        | [0026]  | _/_/_/_/_/_/_/_       | _/_/_  | [0126]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 27   |             |        | [0027]  | _/_/_/_/_/_/_/_       | _/_/_  | [0127]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 28   |             |        | [0028]  | _/_/_/_/_/_/_/_       | _/_/_  | [0128]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 29   |             |        | [0029]  | _/_/_/_/_/_/_/_       | _/_/_  | [0129]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 30   |             |        | [0030]  | _/_/_/_/_/_/_/_       | _/_/_  | [0130]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 31   |             |        | [0031]  | _/_/_/_/_/_/_/_       | _/_/_  | [0131]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 32   |             |        | [0032]  | _/_/_/_/_/_/_/_       | _/_/_  | [0132]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 33   |             |        | [0033]  | _/_/_/_/_/_/_/_       | _/_/_  | [0133]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 34   |             |        | [0034]  | _/_/_/_/_/_/_/_       | _/_/_  | [0134]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 35   |             |        | [0035]  | _/_/_/_/_/_/_/_       | _/_/_  | [0135]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 36   |             |        | [0036]  | _/_/_/_/_/_/_/_       | _/_/_  | [0136]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 37   |             |        | [0037]  | _/_/_/_/_/_/_/_       | _/_/_  | [0137]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 38   |             |        | [0038]  | _/_/_/_/_/_/_/_       | _/_/_  | [0138]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 39   |             |        | [0039]  | _/_/_/_/_/_/_/_       | _/_/_  | [0139]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 40   |             |        | [0040]  | _/_/_/_/_/_/_/_       | _/_/_  | [0140]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 41   |             |        | [0041]  | _/_/_/_/_/_/_/_       | _/_/_  | [0141]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 42   |             |        | [0042]  | _/_/_/_/_/_/_/_       | _/_/_  | [0142]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 43   |             |        | [0043]  | _/_/_/_/_/_/_/_       | _/_/_  | [0143]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 44   |             |        | [0044]  | _/_/_/_/_/_/_/_       | _/_/_  | [0144]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 45   |             |        | [0045]  | _/_/_/_/_/_/_/_       | _/_/_  | [0145]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 46   |             |        | [0046]  | _/_/_/_/_/_/_/_       | _/_/_  | [0146]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 47   |             |        | [0047]  | _/_/_/_/_/_/_/_       | _/_/_  | [0147]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 48   |             |        | [0048]  | _/_/_/_/_/_/_/_       | _/_/_  | [0148]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 49   |             |        | [0049]  | _/_/_/_/_/_/_/_       | _/_/_  | [0149]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 50   |             |        | [0050]  | _/_/_/_/_/_/_/_       | _/_/_  | [0150]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 51   |             |        | [0051]  | _/_/_/_/_/_/_/_       | _/_/_  | [0151]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 52   |             |        | [0052]  | _/_/_/_/_/_/_/_       | _/_/_  | [0152]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 53   |             |        | [0053]  | _/_/_/_/_/_/_/_       | _/_/_  | [0153]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 54   |             |        | [0054]  | _/_/_/_/_/_/_/_       | _/_/_  | [0154]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 55   |             |        | [0055]  | _/_/_/_/_/_/_/_       | _/_/_  | [0155]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 56   |             |        | [0056]  | _/_/_/_/_/_/_/_       | _/_/_  | [0156]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 57   |             |        | [0057]  | _/_/_/_/_/_/_/_       | _/_/_  | [0157]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 58   |             |        | [0058]  | _/_/_/_/_/_/_/_       | _/_/_  | [0158]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 59   |             |        | [0059]  | _/_/_/_/_/_/_/_       | _/_/_  | [0159]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 60   |             |        | [0060]  | _/_/_/_/_/_/_/_       | _/_/_  | [0160]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 61   |             |        | [0061]  | _/_/_/_/_/_/_/_       | _/_/_  | [0161]  | —      | —      | 1 2 3 4 5 6 7 8 |
| 62   |             |        | [0062]  | _/_/_/_/_/_/_/_       | _/_/_  | [0162]  | —      | —      | 1 2 3 4 5 6 7 8 |

| Zone | Description | Module | Section | 8-digit Serial Number | Input# | Section | Define | Assign | Zone Options    |
|------|-------------|--------|---------|-----------------------|--------|---------|--------|--------|-----------------|
| 63   |             |        | [0063]  | / / / / / / / /       | / /    | [0163]  |        |        | 1 2 3 4 5 6 7 8 |
| 64   |             |        | [0064]  | / / / / / / / /       | / /    | [0164]  |        |        | 1 2 3 4 5 6 7 8 |
| 65   |             |        | [0065]  | / / / / / / / /       | / /    | [0165]  |        |        | 1 2 3 4 5 6 7 8 |
| 66   |             |        | [0066]  | / / / / / / / /       | / /    | [0166]  |        |        | 1 2 3 4 5 6 7 8 |
| 67   |             |        | [0067]  | / / / / / / / /       | / /    | [0167]  |        |        | 1 2 3 4 5 6 7 8 |
| 68   |             |        | [0068]  | / / / / / / / /       | / /    | [0168]  |        |        | 1 2 3 4 5 6 7 8 |
| 69   |             |        | [0069]  | / / / / / / / /       | / /    | [0169]  |        |        | 1 2 3 4 5 6 7 8 |
| 70   |             |        | [0070]  | / / / / / / / /       | / /    | [0170]  |        |        | 1 2 3 4 5 6 7 8 |
| 71   |             |        | [0071]  | / / / / / / / /       | / /    | [0171]  |        |        | 1 2 3 4 5 6 7 8 |
| 72   |             |        | [0072]  | / / / / / / / /       | / /    | [0172]  |        |        | 1 2 3 4 5 6 7 8 |
| 73   |             |        | [0073]  | / / / / / / / /       | / /    | [0173]  |        |        | 1 2 3 4 5 6 7 8 |
| 74   |             |        | [0074]  | / / / / / / / /       | / /    | [0174]  |        |        | 1 2 3 4 5 6 7 8 |
| 75   |             |        | [0075]  | / / / / / / / /       | / /    | [0175]  |        |        | 1 2 3 4 5 6 7 8 |
| 76   |             |        | [0076]  | / / / / / / / /       | / /    | [0176]  |        |        | 1 2 3 4 5 6 7 8 |
| 77   |             |        | [0077]  | / / / / / / / /       | / /    | [0177]  |        |        | 1 2 3 4 5 6 7 8 |
| 78   |             |        | [0078]  | / / / / / / / /       | / /    | [0178]  |        |        | 1 2 3 4 5 6 7 8 |
| 79   |             |        | [0079]  | / / / / / / / /       | / /    | [0179]  |        |        | 1 2 3 4 5 6 7 8 |
| 80   |             |        | [0080]  | / / / / / / / /       | / /    | [0180]  |        |        | 1 2 3 4 5 6 7 8 |
| 81   |             |        | [0081]  | / / / / / / / /       | / /    | [0181]  |        |        | 1 2 3 4 5 6 7 8 |
| 82   |             |        | [0082]  | / / / / / / / /       | / /    | [0182]  |        |        | 1 2 3 4 5 6 7 8 |
| 83   |             |        | [0083]  | / / / / / / / /       | / /    | [0183]  |        |        | 1 2 3 4 5 6 7 8 |
| 84   |             |        | [0084]  | / / / / / / / /       | / /    | [0184]  |        |        | 1 2 3 4 5 6 7 8 |
| 85   |             |        | [0085]  | / / / / / / / /       | / /    | [0185]  |        |        | 1 2 3 4 5 6 7 8 |
| 86   |             |        | [0086]  | / / / / / / / /       | / /    | [0186]  |        |        | 1 2 3 4 5 6 7 8 |
| 87   |             |        | [0087]  | / / / / / / / /       | / /    | [0187]  |        |        | 1 2 3 4 5 6 7 8 |
| 88   |             |        | [0088]  | / / / / / / / /       | / /    | [0188]  |        |        | 1 2 3 4 5 6 7 8 |
| 89   |             |        | [0089]  | / / / / / / / /       | / /    | [0189]  |        |        | 1 2 3 4 5 6 7 8 |
| 90   |             |        | [0090]  | / / / / / / / /       | / /    | [0190]  |        |        | 1 2 3 4 5 6 7 8 |
| 91   |             |        | [0091]  | / / / / / / / /       | / /    | [0191]  |        |        | 1 2 3 4 5 6 7 8 |
| 92   |             |        | [0092]  | / / / / / / / /       | / /    | [0192]  |        |        | 1 2 3 4 5 6 7 8 |
| 93   |             |        | [0093]  | / / / / / / / /       | / /    | [0193]  |        |        | 1 2 3 4 5 6 7 8 |
| 94   |             |        | [0094]  | / / / / / / / /       | / /    | [0194]  |        |        | 1 2 3 4 5 6 7 8 |
| 95   |             |        | [0095]  | / / / / / / / /       | / /    | [0195]  |        |        | 1 2 3 4 5 6 7 8 |
| 96   |             |        | [0096]  | / / / / / / / /       | / /    | [0196]  |        |        | 1 2 3 4 5 6 7 8 |

# Zone Report Codes

**Ademco slow, Silent Knight fast, SESCOA, Ademco express or Pager formats:**

Key-in desired 2-digit hexa values from 00 to FF.

**Ademco format:**

Use section [4032] to program a set of default Ademco report codes from the “Automatic Report Code Programming” on page 39. Then to program the remaining report codes or to change some of the defaults, enter the individual sections and key-in the desired 2-digit hexa value found in the “Contact ID Report Code List” on page 42.

**SIA format:**

Use section [4032] to program a set of SIA report codes from the “Automatic Report Code Programming” on page 39. Codes that have not been set to default can be set to default manually by entering FF in the appropriate section. To disable the reporting of an event, enter 00 in the appropriate section.

## ZONE REPORT CODES

| Section | Zone #  | Alarm Report Codes | Alarm Restore Report Codes | Tamper Report Codes | Tamper Restore Report Codes | Section | Zone #  | Alarm Report Codes | Alarm Restore Report Codes | Tamper Report Codes | Tamper Restore Report Codes |
|---------|---------|--------------------|----------------------------|---------------------|-----------------------------|---------|---------|--------------------|----------------------------|---------------------|-----------------------------|
| [0201]  | Zone 1  | —/—                | —/—                        | —/—                 | —/—                         | [0224]  | Zone 24 | —/—                | —/—                        | —/—                 | —/—                         |
| [0202]  | Zone 2  | —/—                | —/—                        | —/—                 | —/—                         | [0225]  | Zone 25 | —/—                | —/—                        | —/—                 | —/—                         |
| [0203]  | Zone 3  | —/—                | —/—                        | —/—                 | —/—                         | [0226]  | Zone 26 | —/—                | —/—                        | —/—                 | —/—                         |
| [0204]  | Zone 4  | —/—                | —/—                        | —/—                 | —/—                         | [0227]  | Zone 27 | —/—                | —/—                        | —/—                 | —/—                         |
| [0205]  | Zone 5  | —/—                | —/—                        | —/—                 | —/—                         | [0228]  | Zone 28 | —/—                | —/—                        | —/—                 | —/—                         |
| [0206]  | Zone 6  | —/—                | —/—                        | —/—                 | —/—                         | [0229]  | Zone 29 | —/—                | —/—                        | —/—                 | —/—                         |
| [0207]  | Zone 7  | —/—                | —/—                        | —/—                 | —/—                         | [0230]  | Zone 30 | —/—                | —/—                        | —/—                 | —/—                         |
| [0208]  | Zone 8  | —/—                | —/—                        | —/—                 | —/—                         | [0231]  | Zone 31 | —/—                | —/—                        | —/—                 | —/—                         |
| [0209]  | Zone 9  | —/—                | —/—                        | —/—                 | —/—                         | [0232]  | Zone 32 | —/—                | —/—                        | —/—                 | —/—                         |
| [0210]  | Zone 10 | —/—                | —/—                        | —/—                 | —/—                         | [0233]  | Zone 33 | —/—                | —/—                        | —/—                 | —/—                         |
| [0211]  | Zone 11 | —/—                | —/—                        | —/—                 | —/—                         | [0234]  | Zone 34 | —/—                | —/—                        | —/—                 | —/—                         |
| [0212]  | Zone 12 | —/—                | —/—                        | —/—                 | —/—                         | [0235]  | Zone 35 | —/—                | —/—                        | —/—                 | —/—                         |
| [0213]  | Zone 13 | —/—                | —/—                        | —/—                 | —/—                         | [0236]  | Zone 36 | —/—                | —/—                        | —/—                 | —/—                         |
| [0214]  | Zone 14 | —/—                | —/—                        | —/—                 | —/—                         | [0237]  | Zone 37 | —/—                | —/—                        | —/—                 | —/—                         |
| [0215]  | Zone 15 | —/—                | —/—                        | —/—                 | —/—                         | [0238]  | Zone 38 | —/—                | —/—                        | —/—                 | —/—                         |
| [0216]  | Zone 16 | —/—                | —/—                        | —/—                 | —/—                         | [0239]  | Zone 39 | —/—                | —/—                        | —/—                 | —/—                         |
| [0217]  | Zone 17 | —/—                | —/—                        | —/—                 | —/—                         | [0240]  | Zone 40 | —/—                | —/—                        | —/—                 | —/—                         |
| [0218]  | Zone 18 | —/—                | —/—                        | —/—                 | —/—                         | [0241]  | Zone 41 | —/—                | —/—                        | —/—                 | —/—                         |
| [0219]  | Zone 19 | —/—                | —/—                        | —/—                 | —/—                         | [0242]  | Zone 42 | —/—                | —/—                        | —/—                 | —/—                         |
| [0220]  | Zone 20 | —/—                | —/—                        | —/—                 | —/—                         | [0243]  | Zone 43 | —/—                | —/—                        | —/—                 | —/—                         |
| [0221]  | Zone 21 | —/—                | —/—                        | —/—                 | —/—                         | [0244]  | Zone 44 | —/—                | —/—                        | —/—                 | —/—                         |
| [0222]  | Zone 22 | —/—                | —/—                        | —/—                 | —/—                         | [0245]  | Zone 45 | —/—                | —/—                        | —/—                 | —/—                         |
| [0223]  | Zone 23 | —/—                | —/—                        | —/—                 | —/—                         | [0246]  | Zone 46 | —/—                | —/—                        | —/—                 | —/—                         |

|        |         |   |   |   |   |        |         |   |   |   |   |
|--------|---------|---|---|---|---|--------|---------|---|---|---|---|
| [0247] | Zone 47 | — | — | — | — | [0272] | Zone 72 | — | — | — | — |
| [0248] | Zone 48 | — | — | — | — | [0273] | Zone 73 | — | — | — | — |
| [0249] | Zone 49 | — | — | — | — | [0274] | Zone 74 | — | — | — | — |
| [0250] | Zone 50 | — | — | — | — | [0275] | Zone 75 | — | — | — | — |
| [0251] | Zone 51 | — | — | — | — | [0276] | Zone 76 | — | — | — | — |
| [0252] | Zone 52 | — | — | — | — | [0277] | Zone 77 | — | — | — | — |
| [0253] | Zone 53 | — | — | — | — | [0278] | Zone 78 | — | — | — | — |
| [0254] | Zone 54 | — | — | — | — | [0279] | Zone 79 | — | — | — | — |
| [0255] | Zone 55 | — | — | — | — | [0280] | Zone 80 | — | — | — | — |
| [0256] | Zone 56 | — | — | — | — | [0281] | Zone 81 | — | — | — | — |
| [0257] | Zone 57 | — | — | — | — | [0282] | Zone 82 | — | — | — | — |
| [0258] | Zone 58 | — | — | — | — | [0283] | Zone 83 | — | — | — | — |
| [0259] | Zone 59 | — | — | — | — | [0284] | Zone 84 | — | — | — | — |
| [0260] | Zone 60 | — | — | — | — | [0285] | Zone 85 | — | — | — | — |
| [0261] | Zone 61 | — | — | — | — | [0286] | Zone 86 | — | — | — | — |
| [0262] | Zone 62 | — | — | — | — | [0287] | Zone 87 | — | — | — | — |
| [0263] | Zone 63 | — | — | — | — | [0288] | Zone 88 | — | — | — | — |
| [0264] | Zone 64 | — | — | — | — | [0289] | Zone 89 | — | — | — | — |
| [0265] | Zone 65 | — | — | — | — | [0290] | Zone 90 | — | — | — | — |
| [0266] | Zone 66 | — | — | — | — | [0291] | Zone 91 | — | — | — | — |
| [0267] | Zone 67 | — | — | — | — | [0292] | Zone 92 | — | — | — | — |
| [0268] | Zone 68 | — | — | — | — | [0293] | Zone 93 | — | — | — | — |
| [0269] | Zone 69 | — | — | — | — | [0294] | Zone 94 | — | — | — | — |
| [0270] | Zone 70 | — | — | — | — | [0295] | Zone 95 | — | — | — | — |
| [0271] | Zone 71 | — | — | — | — | [0296] | Zone 96 | — | — | — | — |

## Zone Labels

| Section | Zone # | Zone Label | Section | Zone #  | Zone Label | Section | Zone #  | Zone Label |
|---------|--------|------------|---------|---------|------------|---------|---------|------------|
| [0301]  | Zone 1 | —          | [0306]  | Zone 6  | —          | [0311]  | Zone 11 | —          |
| [0302]  | Zone 2 | —          | [0307]  | Zone 7  | —          | [0312]  | Zone 12 | —          |
| [0303]  | Zone 3 | —          | [0308]  | Zone 8  | —          | [0313]  | Zone 13 | —          |
| [0304]  | Zone 4 | —          | [0309]  | Zone 9  | —          | [0314]  | Zone 14 | —          |
| [0305]  | Zone 5 | —          | [0310]  | Zone 10 | —          | [0315]  | Zone 15 | —          |

|        |         |       |        |         |       |        |         |       |
|--------|---------|-------|--------|---------|-------|--------|---------|-------|
| [0316] | Zone 16 | _____ | [0343] | Zone 43 | _____ | [0370] | Zone 70 | _____ |
| [0317] | Zone 17 | _____ | [0344] | Zone 44 | _____ | [0371] | Zone 71 | _____ |
| [0318] | Zone 18 | _____ | [0345] | Zone 45 | _____ | [0372] | Zone 72 | _____ |
| [0319] | Zone 19 | _____ | [0346] | Zone 46 | _____ | [0373] | Zone 73 | _____ |
| [0320] | Zone 20 | _____ | [0347] | Zone 47 | _____ | [0374] | Zone 74 | _____ |
| [0321] | Zone 21 | _____ | [0348] | Zone 48 | _____ | [0375] | Zone 75 | _____ |
| [0322] | Zone 22 | _____ | [0349] | Zone 49 | _____ | [0376] | Zone 76 | _____ |
| [0323] | Zone 23 | _____ | [0350] | Zone 50 | _____ | [0377] | Zone 77 | _____ |
| [0324] | Zone 24 | _____ | [0351] | Zone 51 | _____ | [0378] | Zone 78 | _____ |
| [0325] | Zone 25 | _____ | [0352] | Zone 52 | _____ | [0379] | Zone 79 | _____ |
| [0326] | Zone 26 | _____ | [0353] | Zone 53 | _____ | [0380] | Zone 80 | _____ |
| [0327] | Zone 27 | _____ | [0354] | Zone 54 | _____ | [0381] | Zone 81 | _____ |
| [0328] | Zone 28 | _____ | [0355] | Zone 55 | _____ | [0382] | Zone 82 | _____ |
| [0329] | Zone 29 | _____ | [0356] | Zone 56 | _____ | [0383] | Zone 83 | _____ |
| [0330] | Zone 30 | _____ | [0357] | Zone 57 | _____ | [0384] | Zone 84 | _____ |
| [0331] | Zone 31 | _____ | [0358] | Zone 58 | _____ | [0385] | Zone 85 | _____ |
| [0332] | Zone 32 | _____ | [0359] | Zone 59 | _____ | [0386] | Zone 86 | _____ |
| [0333] | Zone 33 | _____ | [0360] | Zone 60 | _____ | [0387] | Zone 87 | _____ |
| [0334] | Zone 34 | _____ | [0361] | Zone 61 | _____ | [0388] | Zone 88 | _____ |
| [0335] | Zone 35 | _____ | [0362] | Zone 62 | _____ | [0389] | Zone 89 | _____ |
| [0336] | Zone 36 | _____ | [0363] | Zone 63 | _____ | [0390] | Zone 90 | _____ |
| [0337] | Zone 37 | _____ | [0364] | Zone 64 | _____ | [0391] | Zone 91 | _____ |
| [0338] | Zone 38 | _____ | [0365] | Zone 65 | _____ | [0392] | Zone 92 | _____ |
| [0339] | Zone 39 | _____ | [0366] | Zone 66 | _____ | [0393] | Zone 93 | _____ |
| [0340] | Zone 40 | _____ | [0367] | Zone 67 | _____ | [0394] | Zone 94 | _____ |
| [0341] | Zone 41 | _____ | [0368] | Zone 68 | _____ | [0395] | Zone 95 | _____ |
| [0342] | Zone 42 | _____ | [0369] | Zone 69 | _____ | [0396] | Zone 96 | _____ |

# Keyswitch Programming

## KEYSWITCH NUMBERING

Sections [0501] to [0532] represent keyswitches 1 to 32 respectively. This feature allows you to assign a keyswitch to an addressable or hardwired detection device.

Enter 3-digit [INPUT NUMBER] of Module to which keyswitch is connected.

Enter 8-digit [SERIAL NUMBER] of Module to which keyswitch is connected.

## KEYSWITCH PARAMETERS

Sections [0601] to [0632] represent keyswitches 1 to 32 respectively. This feature defines the keyswitch's partition assignment and arming method.

| Keyswitch | Description | Module | Section | 8-digit Serial Number                   | Input#    | Section | Define | Assign | Keyswitch Options |
|-----------|-------------|--------|---------|-----------------------------------------|-----------|---------|--------|--------|-------------------|
| 1         |             |        | [0501]  | ____/____/____/____/____/____/____/____ | ____/____ | [0601]  | _____  | _____  | 4 5 6 7 8         |
| 2         |             |        | [0502]  | ____/____/____/____/____/____/____/____ | ____/____ | [0602]  | _____  | _____  | 4 5 6 7 8         |
| 3         |             |        | [0503]  | ____/____/____/____/____/____/____/____ | ____/____ | [0603]  | _____  | _____  | 4 5 6 7 8         |
| 4         |             |        | [0504]  | ____/____/____/____/____/____/____/____ | ____/____ | [0604]  | _____  | _____  | 4 5 6 7 8         |
| 5         |             |        | [0505]  | ____/____/____/____/____/____/____/____ | ____/____ | [0605]  | _____  | _____  | 4 5 6 7 8         |
| 6         |             |        | [0506]  | ____/____/____/____/____/____/____/____ | ____/____ | [0606]  | _____  | _____  | 4 5 6 7 8         |
| 7         |             |        | [0507]  | ____/____/____/____/____/____/____/____ | ____/____ | [0607]  | _____  | _____  | 4 5 6 7 8         |
| 8         |             |        | [0508]  | ____/____/____/____/____/____/____/____ | ____/____ | [0608]  | _____  | _____  | 4 5 6 7 8         |
| 9         |             |        | [0509]  | ____/____/____/____/____/____/____/____ | ____/____ | [0609]  | _____  | _____  | 4 5 6 7 8         |
| 10        |             |        | [0510]  | ____/____/____/____/____/____/____/____ | ____/____ | [0610]  | _____  | _____  | 4 5 6 7 8         |
| 11        |             |        | [0511]  | ____/____/____/____/____/____/____/____ | ____/____ | [0611]  | _____  | _____  | 4 5 6 7 8         |
| 12        |             |        | [0512]  | ____/____/____/____/____/____/____/____ | ____/____ | [0612]  | _____  | _____  | 4 5 6 7 8         |
| 13        |             |        | [0513]  | ____/____/____/____/____/____/____/____ | ____/____ | [0613]  | _____  | _____  | 4 5 6 7 8         |
| 14        |             |        | [0514]  | ____/____/____/____/____/____/____/____ | ____/____ | [0614]  | _____  | _____  | 4 5 6 7 8         |
| 15        |             |        | [0515]  | ____/____/____/____/____/____/____/____ | ____/____ | [0615]  | _____  | _____  | 4 5 6 7 8         |
| 16        |             |        | [0516]  | ____/____/____/____/____/____/____/____ | ____/____ | [0616]  | _____  | _____  | 4 5 6 7 8         |
| 17        |             |        | [0517]  | ____/____/____/____/____/____/____/____ | ____/____ | [0617]  | _____  | _____  | 4 5 6 7 8         |
| 18        |             |        | [0518]  | ____/____/____/____/____/____/____/____ | ____/____ | [0618]  | _____  | _____  | 4 5 6 7 8         |
| 19        |             |        | [0519]  | ____/____/____/____/____/____/____/____ | ____/____ | [0619]  | _____  | _____  | 4 5 6 7 8         |
| 20        |             |        | [0520]  | ____/____/____/____/____/____/____/____ | ____/____ | [0620]  | _____  | _____  | 4 5 6 7 8         |
| 21        |             |        | [0521]  | ____/____/____/____/____/____/____/____ | ____/____ | [0621]  | _____  | _____  | 4 5 6 7 8         |
| 22        |             |        | [0522]  | ____/____/____/____/____/____/____/____ | ____/____ | [0622]  | _____  | _____  | 4 5 6 7 8         |

**Keyswitch**

**Partition Assignment**

0- Not assigned to a partition (default)

1- Keyswitch Assigned to Partition 1

2- Keyswitch Assigned to Partition 2

3- Keyswitch Assigned to Partition 3

4- Keyswitch Assigned to Partition 4

5- Keyswitch Assigned to Partition 5

6- Keyswitch Assigned to Partition 6

7- Keyswitch Assigned to Partition 7

8- Keyswitch Assigned to Partition 8

**Keyswitch Definitions**

0- Disabled (default)

1- Momentary Keyswitch

2- Maintained Keyswitch

3- Generates a Utility Key event

**Keyswitch Options**

(default: all Off)

[4] Off = Disarm

On = Disarm only if Stay/Instant armed

[5] Arm Only

[6] \*Stay Arming

[7] \*Force Arming

[8] \*Instant Arming

\* Select only one. If all are off, keyswitch will regular arm.

| Keyswitch | Description | Module | Section | 8-digit Serial Number | Input# | Section | Define | Assign | Keyswitch Options |
|-----------|-------------|--------|---------|-----------------------|--------|---------|--------|--------|-------------------|
| 23        |             |        | [0523]  | _/_/_/_/_/_/_/_       | _/_    | [0623]  |        |        | 4 5 6 7 8         |
| 24        |             |        | [0524]  | _/_/_/_/_/_/_/_       | _/_    | [0624]  |        |        | 4 5 6 7 8         |
| 25        |             |        | [0525]  | _/_/_/_/_/_/_/_       | _/_    | [0625]  |        |        | 4 5 6 7 8         |
| 26        |             |        | [0526]  | _/_/_/_/_/_/_/_       | _/_    | [0626]  |        |        | 4 5 6 7 8         |
| 27        |             |        | [0527]  | _/_/_/_/_/_/_/_       | _/_    | [0627]  |        |        | 4 5 6 7 8         |
| 28        |             |        | [0528]  | _/_/_/_/_/_/_/_       | _/_    | [0628]  |        |        | 4 5 6 7 8         |
| 29        |             |        | [0529]  | _/_/_/_/_/_/_/_       | _/_    | [0629]  |        |        | 4 5 6 7 8         |
| 30        |             |        | [0530]  | _/_/_/_/_/_/_/_       | _/_    | [0630]  |        |        | 4 5 6 7 8         |
| 31        |             |        | [0531]  | _/_/_/_/_/_/_/_       | _/_    | [0631]  |        |        | 4 5 6 7 8         |
| 32        |             |        | [0532]  | _/_/_/_/_/_/_/_       | _/_    | [0632]  |        |        | 4 5 6 7 8         |

## KEYSWITCH ARMING/DISARMING REPORT CODES

Ademco slow, Silent Knight fast, SESCOA, Ademco express or Pager formats: Key-in desired 2-digit hexa values from 00 to FF.

### Ademco Contact ID:

Use section [4033] to program a set of default Ademco report codes from the “Automatic Report Code Programming” on page 39. Then to program the remaining report codes or to change some of the defaults, enter the individual sections and key-in the desired 2-digit hexa value found in the “Contact ID Report Code List” on page 42.

### SIA format:

Use section [4033] to program a set of SIA report codes from the “Automatic Report Code Programming” on page 39. Codes that have not been set to default can be set to default manually by entering FF in the appropriate section. To disable the reporting of an event, enter 00 in the appropriate section.

### Arming With Keyswitch Report Codes

| Section                  | Section                  | Section                  | Section                  | Section                  | Section                  |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| [0701] _/__ Keyswitch 01 | [0707] _/__ Keyswitch 07 | [0713] _/__ Keyswitch 13 | [0719] _/__ Keyswitch 19 | [0725] _/__ Keyswitch 25 | [0731] _/__ Keyswitch 31 |
| [0702] _/__ Keyswitch 02 | [0708] _/__ Keyswitch 08 | [0714] _/__ Keyswitch 14 | [0720] _/__ Keyswitch 20 | [0726] _/__ Keyswitch 26 | [0732] _/__ Keyswitch 32 |
| [0703] _/__ Keyswitch 03 | [0709] _/__ Keyswitch 09 | [0715] _/__ Keyswitch 15 | [0721] _/__ Keyswitch 21 | [0727] _/__ Keyswitch 27 |                          |
| [0704] _/__ Keyswitch 04 | [0710] _/__ Keyswitch 10 | [0716] _/__ Keyswitch 16 | [0722] _/__ Keyswitch 22 | [0728] _/__ Keyswitch 28 |                          |
| [0705] _/__ Keyswitch 05 | [0711] _/__ Keyswitch 11 | [0717] _/__ Keyswitch 17 | [0723] _/__ Keyswitch 23 | [0729] _/__ Keyswitch 29 |                          |
| [0706] _/__ Keyswitch 06 | [0712] _/__ Keyswitch 12 | [0718] _/__ Keyswitch 18 | [0724] _/__ Keyswitch 24 | [0730] _/__ Keyswitch 30 |                          |

### Disarming With Keyswitch Report Codes

| Section                  | Section                  | Section                  | Section                  | Section                  | Section                  |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| [0801] _/__ Keyswitch 01 | [0807] _/__ Keyswitch 07 | [0813] _/__ Keyswitch 13 | [0819] _/__ Keyswitch 19 | [0825] _/__ Keyswitch 25 | [0831] _/__ Keyswitch 31 |
| [0802] _/__ Keyswitch 02 | [0808] _/__ Keyswitch 08 | [0814] _/__ Keyswitch 14 | [0820] _/__ Keyswitch 20 | [0826] _/__ Keyswitch 26 | [0832] _/__ Keyswitch 32 |
| [0803] _/__ Keyswitch 03 | [0809] _/__ Keyswitch 09 | [0815] _/__ Keyswitch 15 | [0821] _/__ Keyswitch 21 | [0827] _/__ Keyswitch 27 |                          |
| [0804] _/__ Keyswitch 04 | [0810] _/__ Keyswitch 10 | [0816] _/__ Keyswitch 16 | [0822] _/__ Keyswitch 22 | [0828] _/__ Keyswitch 28 |                          |
| [0805] _/__ Keyswitch 05 | [0811] _/__ Keyswitch 11 | [0817] _/__ Keyswitch 17 | [0823] _/__ Keyswitch 23 | [0829] _/__ Keyswitch 29 |                          |
| [0806] _/__ Keyswitch 06 | [0812] _/__ Keyswitch 12 | [0818] _/__ Keyswitch 18 | [0824] _/__ Keyswitch 24 | [0830] _/__ Keyswitch 30 |                          |

# Programmable Outputs

## PGM TEST MODE

| Section | Description                                                                            |
|---------|----------------------------------------------------------------------------------------|
| [0901]  | Test PGM1: Activates PGM1 for 8 seconds to verify if the PGM is functioning correctly. |
| [0902]  | Test PGM2: Activates PGM2 for 8 seconds to verify if the PGM is functioning correctly. |
| [0903]  | Test PGM3: Activates PGM3 for 8 seconds to verify if the PGM is functioning correctly. |

## PGM DELAY

| Section | Data                     | Description                                                                                       | Default       |
|---------|--------------------------|---------------------------------------------------------------------------------------------------|---------------|
| [0918]  | __/_/__( x 1 sec./mins.) | PGM1 Delay (refer to section [0919] option [2] to see whether the delay is in seconds or minutes) | 5 secs./mins. |
| [0928]  | __/_/__( x 1 sec./mins.) | PGM2 Delay (refer to section [0929] option [2] to see whether the delay is in seconds or minutes) | 5 secs./mins. |
| [0938]  | __/_/__( x 1 sec./mins.) | PGM3 Delay (refer to section [0939] option [2] to see whether the delay is in seconds or minutes) | 5 secs./mins. |

## PGM OPTIONS

| Option                                                                                                | (Δ = Default Setting) | PGM1 [0919]     |                          | PGM2 [0929]     |                          | PGM3 [0939]     |                          |
|-------------------------------------------------------------------------------------------------------|-----------------------|-----------------|--------------------------|-----------------|--------------------------|-----------------|--------------------------|
|                                                                                                       |                       | OFF<br>Disabled | ON<br>Enabled            | OFF<br>Disabled | ON<br>Enabled            | OFF<br>Disabled | ON<br>Enabled            |
| [1] PGM Deactivation After (OFF = Deactivation Event; ON = PGM Timer)                                 |                       | Δ               | <input type="checkbox"/> | Δ               | <input type="checkbox"/> | Δ               | <input type="checkbox"/> |
| [2] PGM Base Time (OFF = Seconds; ON = Minutes)                                                       |                       | Δ               | <input type="checkbox"/> | Δ               | <input type="checkbox"/> | Δ               | <input type="checkbox"/> |
| [3] Flexible PGM Deactivation Option (OFF = PGM Timer Only; ON = PGM Timer and/or Deactivation Event) |                       | Δ               | <input type="checkbox"/> | Δ               | <input type="checkbox"/> | Δ               | <input type="checkbox"/> |
| [4] to [8] Future Use                                                                                 |                       | N/A             | N/A                      | N/A             | N/A                      | N/A             | N/A                      |



In order to use the Flexible PGM Deactivation Option (option [3]), the PGM Deactivation After Option (option [1]) must be ON.

## PGM PROGRAMMING

|                  |      | Event Group    | Feature Group  | Start #        | End #          |
|------------------|------|----------------|----------------|----------------|----------------|
|                  |      | Section        | Section        | Section        | Section        |
| PGM Activation   | PGM1 | [0910] __/_/__ | [0911] __/_/__ | [0912] __/_/__ | [0913] __/_/__ |
|                  | PGM2 | [0920] __/_/__ | [0921] __/_/__ | [0922] __/_/__ | [0923] __/_/__ |
|                  | PGM3 | [0930] __/_/__ | [0931] __/_/__ | [0932] __/_/__ | [0933] __/_/__ |
| PGM Deactivation | PGM1 | [0914] __/_/__ | [0915] __/_/__ | [0916] __/_/__ | [0917] __/_/__ |
|                  | PGM2 | [0924] __/_/__ | [0925] __/_/__ | [0926] __/_/__ | [0927] __/_/__ |
|                  | PGM3 | [0934] __/_/__ | [0935] __/_/__ | [0936] __/_/__ | [0937] __/_/__ |

| Event Group | Event                        | Feature Group           | Feature                    | Start #    | End #      |
|-------------|------------------------------|-------------------------|----------------------------|------------|------------|
| 000         | Zone is OK                   | 000<br>255 = any Zone # | Zone Numbers               | 001 to 096 | 001 to 096 |
| 001         | Zone is Open                 |                         |                            | 001 to 096 | 001 to 096 |
| 002         | Zone is Tampered             |                         |                            | 001 to 096 | 001 to 096 |
| 003         | Zone is in Fire Loop Trouble |                         |                            | 001 to 096 | 001 to 096 |
| 004         | Non-reportable Event         | 000                     | TLM Trouble                | 000        | 000        |
|             |                              |                         | Smoke detector reset       | 001        | 001        |
|             |                              |                         | Arm with no entry delay    | 002        | 002        |
|             |                              |                         | Arm in Stay mode           | 003        | 003        |
|             |                              |                         | Arm in Away mode           | 004        | 004        |
|             |                              |                         | Full arm when in Stay mode | 005        | 005        |
|             |                              |                         | Voice module access        | 006        | 006        |
|             |                              |                         | Remote control access      | 007        | 007        |

| Event Group | Event                        | Feature Group | Feature                       | Start #    | End #      |
|-------------|------------------------------|---------------|-------------------------------|------------|------------|
| 004         | Non-reportable Event (con't) | 000           | PC Fail to communicate        | 008        | 008        |
|             |                              |               | Midnight                      | 009        | 009        |
|             |                              |               | NEware/WinLoad User Login     | 010        | 010        |
|             |                              |               | NEware/WinLoad User Logout    | 011        | 011        |
|             |                              |               | User Initiated Callup         | 012        | 012        |
|             |                              |               | Force Answer                  | 013        | 013        |
|             |                              |               | Force Hangup                  | 014        | 014        |
|             |                              | 255           | Any Non-reportable Event      | Not Used   | Not Used   |
| 005         | User Code entered on Keypad  | 000           | User Codes 000 to 255         | 000 to 255 | 000 to 255 |
|             |                              | 001           | User Codes 256 to 511         | 000 to 255 | 000 to 255 |
|             |                              | 002           | User Codes 512 to 767         | 000 to 255 | 000 to 255 |
|             |                              | 003           | User Codes 768 to 999         | 000 to 231 | 000 to 231 |
|             |                              | 255           | Any User Code                 | Not Used   | Not Used   |
| 006         | User/Card Access on Door     | 000           | Door Numbers                  | 001 to 032 | 001 to 032 |
|             |                              | 255           | Any door #                    | Not Used   | Not Used   |
| 007         | Bypass Programming Access    | 000           | One-touch Bypass Programming  | 000        | 000        |
|             |                              | 000           | User Codes 001 to 255         | 001 to 255 | 001 to 255 |
|             |                              | 001           | User Codes 256 to 511         | 000 to 255 | 000 to 255 |
|             |                              | 002           | User Codes 512 to 767         | 000 to 255 | 000 to 255 |
|             |                              | 003           | User Codes 768 to 999         | 000 to 231 | 000 to 231 |
|             |                              | 255           | Any User Code                 | Not Used   | Not Used   |
| 008         | TX Delay Zone Alarm          | 000           | Zone Numbers                  | 001 to 096 | 001 to 096 |
|             |                              | 255           | Any zone #                    | Not Used   | Not Used   |
| 009         | Arming with Master           | 000           | User Codes 001 to 255         | 001 to 255 | 001 to 255 |
|             |                              | 001           | User Codes 256 to 511         | 000 to 255 | 000 to 255 |
|             |                              | 002           | User Codes 512 to 767         | 000 to 255 | 000 to 255 |
|             |                              | 003           | User Codes 768 to 999         | 000 to 231 | 000 to 231 |
|             |                              | 255           | Any User Code                 | Not Used   | Not Used   |
| 010         | Arming with User Code        | 000           | User Codes 001 to 255         | 001 to 255 | 001 to 255 |
|             |                              | 001           | User Codes 256 to 511         | 000 to 255 | 000 to 255 |
|             |                              | 002           | User Codes 512 to 767         | 000 to 255 | 000 to 255 |
|             |                              | 003           | User Codes 768 to 999         | 000 to 231 | 000 to 231 |
|             |                              | 255           | Any User Code                 | Not Used   | Not Used   |
| 011         | Arming with Keyswitch        | 000           | Keyswitch numbers             | 001 to 032 | 001 to 032 |
|             |                              | 255           | Any keyswitch                 | Not Used   | Not Used   |
| 012         | Special Arming               | 000           | Auto Arming                   | 000        | 000        |
|             |                              |               | Arming with WinLoad           | 001        | 001        |
|             |                              |               | Late to Close                 | 002        | 002        |
|             |                              |               | No Movement Arming            | 003        | 003        |
|             |                              |               | Partial Arming                | 004        | 004        |
|             |                              |               | One-touch Arming              | 005        | 005        |
|             |                              |               | Future Use                    | 006        | 006        |
|             |                              |               | Future Use                    | 007        | 007        |
|             |                              |               | (InTouch) Voice Module Arming | 008        | 008        |
|             |                              | 255           | Any special arming event      | Not Used   | Not Used   |
| 013         | Disarm with Master           | 000           | User Codes 001 to 255         | 001 to 255 | 001 to 255 |
|             |                              | 001           | User Codes 256 to 511         | 000 to 255 | 000 to 255 |
|             |                              | 002           | User Codes 512 to 767         | 000 to 255 | 000 to 255 |
|             |                              | 003           | User Codes 768 to 999         | 000 to 231 | 000 to 231 |
|             |                              | 255           | Any User Code                 | Not Used   | Not Used   |
| 014         | Disarm with User Code        | 000           | User Codes 001 to 255         | 001 to 255 | 001 to 255 |
|             |                              | 001           | User Codes 256 to 511         | 000 to 255 | 000 to 255 |
|             |                              | 002           | User Codes 512 to 767         | 000 to 255 | 000 to 255 |
|             |                              | 003           | User Codes 768 to 999         | 000 to 231 | 000 to 231 |
|             |                              | 255           | Any User Code                 | Not Used   | Not Used   |
| 015         | Disarm with Keyswitch        | 000           | Keyswitch numbers             | 001 to 032 | 001 to 032 |
|             |                              | 255           | Any keyswitch                 | Not Used   | Not Used   |

| Event Group | Event                                    | Feature Group           | Feature                            | Start #    | End #      |
|-------------|------------------------------------------|-------------------------|------------------------------------|------------|------------|
| 016         | <i>Disarm after alarm with Master</i>    | 000                     | User Codes 001 to 255              | 001 to 255 | 001 to 255 |
|             |                                          | 001                     | User Codes 256 to 511              | 000 to 255 | 000 to 255 |
|             |                                          | 002                     | User Codes 512 to 767              | 000 to 255 | 000 to 255 |
|             |                                          | 003                     | User Codes 768 to 999              | 000 to 231 | 000 to 231 |
|             |                                          | 255                     | Any User Code                      | Not Used   | Not Used   |
| 017         | <i>Disarm after alarm with User Code</i> | 000                     | User Codes 001 to 255              | 001 to 255 | 001 to 255 |
|             |                                          | 001                     | User Codes 256 to 511              | 000 to 255 | 000 to 255 |
|             |                                          | 002                     | User Codes 512 to 767              | 000 to 255 | 000 to 255 |
|             |                                          | 003                     | User Codes 768 to 999              | 000 to 231 | 000 to 231 |
|             |                                          | 255                     | Any User Code                      | Not Used   | Not Used   |
| 018         | <i>Disarm after alarm with Keyswitch</i> | 000                     | Keyswitch numbers                  | 001 to 032 | 001 to 032 |
|             |                                          | 255                     | Any keyswitch                      | Not Used   | Not Used   |
| 019         | <i>Alarm Cancelled with Master</i>       | 000                     | User Codes 001 to 255              | 001 to 255 | 001 to 255 |
|             |                                          | 001                     | User Codes 256 to 511              | 000 to 255 | 000 to 255 |
|             |                                          | 002                     | User Codes 512 to 767              | 000 to 255 | 000 to 255 |
|             |                                          | 003                     | User Codes 768 to 999              | 000 to 231 | 000 to 231 |
|             |                                          | 255                     | Any User Code                      | Not Used   | Not Used   |
| 020         | <i>Alarm Cancelled with User Code</i>    | 000                     | User Codes 001 to 255              | 001 to 255 | 001 to 255 |
|             |                                          | 001                     | User Codes 256 to 511              | 000 to 255 | 000 to 255 |
|             |                                          | 002                     | User Codes 512 to 767              | 000 to 255 | 000 to 255 |
|             |                                          | 003                     | User Codes 768 to 999              | 000 to 231 | 000 to 231 |
|             |                                          | 255                     | Any User Code                      | Not Used   | Not Used   |
| 021         | <i>Alarm Cancelled with Keyswitch</i>    | 000                     | Keyswitch numbers                  | 001 to 032 | 001 to 032 |
|             |                                          | 255                     | Any keyswitch                      | Not Used   | Not Used   |
| 022         | <i>Special Disarming</i>                 | 000                     | Auto Arm Cancelled                 | 000        | 000        |
|             |                                          |                         | One-touch Stay/Instant Disarm      | 001        | 001        |
|             |                                          |                         | Disarming with WinLoad             | 002        | 002        |
|             |                                          |                         | Disarming with WinLoad after alarm | 003        | 003        |
|             |                                          |                         | WinLoad cancelled alarm            | 004        | 004        |
|             |                                          |                         | Future Use                         | 005        | 005        |
|             |                                          |                         | Future Use                         | 006        | 006        |
|             |                                          |                         | Future Use                         | 007        | 007        |
|             |                                          |                         | (InTouch) Voice Module Disarming   | 008        | 008        |
|             |                                          | 255                     | Any Special Disarming Event        | Not Used   | Not Used   |
| 023         | <i>Zone Bypassed</i>                     | 000<br>255 = any zone # | Zone Numbers                       | 001 to 096 | 001 to 096 |
| 024         | <i>Zone in Alarm</i>                     |                         |                                    | 001 to 096 | 001 to 096 |
| 025         | <i>Fire Alarm</i>                        |                         |                                    | 001 to 096 | 001 to 096 |
| 026         | <i>Zone Alarm Restore</i>                |                         |                                    | 001 to 096 | 001 to 096 |
| 027         | <i>Fire Alarm Restore</i>                |                         |                                    | 001 to 096 | 001 to 096 |
| 028         | <i>Early to Disarm by User</i>           | 000                     | User Codes 001 to 255              | 001 to 255 | 001 to 255 |
|             |                                          | 001                     | User Codes 256 to 511              | 000 to 255 | 000 to 255 |
|             |                                          | 002                     | User Codes 512 to 767              | 000 to 255 | 000 to 255 |
|             |                                          | 003                     | User Codes 768 to 999              | 000 to 231 | 000 to 231 |
|             |                                          | 255                     | Any User Code                      | Not Used   | Not Used   |
| 029         | <i>Late to Disarm by User</i>            | 000                     | User Codes 001 to 255              | 001 to 255 | 001 to 255 |
|             |                                          | 001                     | User Codes 256 to 511              | 000 to 255 | 000 to 255 |
|             |                                          | 002                     | User Codes 512 to 767              | 000 to 255 | 000 to 255 |
|             |                                          | 003                     | User Codes 768 to 999              | 000 to 231 | 000 to 231 |
|             |                                          | 255                     | Any User Code                      | Not Used   | Not Used   |
| 030         | <i>Special Alarm</i>                     | 000                     | Emergency Panic (keys 1 & 3)       | 000        | 000        |
|             |                                          |                         | Medical Panic (keys 4 & 6)         | 001        | 001        |
|             |                                          |                         | Fire Panic (keys 7 & 9)            | 002        | 002        |
|             |                                          |                         | Recent Closing                     | 003        | 003        |
|             |                                          |                         | Police Code                        | 004        | 004        |
|             |                                          |                         | Zone Shutdown                      | 005        | 005        |
|             |                                          | 255                     | Any Special Alarm Event            | Not Used   | Not Used   |
| 031         | <i>Duress Alarm by User</i>              | 000                     | User Codes 001 to 255              | 001 to 255 | 001 to 255 |
|             |                                          | 001                     | User Codes 256 to 511              | 000 to 255 | 000 to 255 |
|             |                                          | 002                     | User Codes 512 to 767              | 000 to 255 | 000 to 255 |

| Event Group | Event                                          | Feature Group           | Feature                                    | Start #    | End #      |
|-------------|------------------------------------------------|-------------------------|--------------------------------------------|------------|------------|
| 031         | <i>Duress Alarm by User (con't)</i>            | 003                     | User Codes 768 to 999                      | 000 to 231 | 000 to 231 |
|             |                                                | 255                     | Any User Code                              | Not Used   | Not Used   |
| 032         | <i>Zone Shutdown</i>                           | 000<br>255 = any zone # | Zone Numbers                               | 001 to 096 | 001 to 096 |
| 033         | <i>Zone Tamper</i>                             |                         |                                            | 001 to 096 | 001 to 096 |
| 034         | <i>Zone Tamper Restore</i>                     |                         |                                            | 001 to 096 | 001 to 096 |
| 035         | <i>Special Tamper</i>                          | 000                     | Keypad Lockout                             | 000        | 000        |
| 036         | <i>Trouble Event</i>                           | 000                     | TLM Trouble (see <b>NOTE 2</b> on page 19) | 000        | 000        |
|             |                                                |                         | AC Failure                                 | 001        | 001        |
|             |                                                |                         | Battery Failure                            | 002        | 002        |
|             |                                                |                         | Auxiliary Current Limit                    | 003        | 003        |
|             |                                                |                         | Bell Current Limit                         | 004        | 004        |
|             |                                                |                         | Bell Absent                                | 005        | 005        |
|             |                                                |                         | Clock Trouble                              | 006        | 006        |
|             |                                                |                         | Global Fire Loop                           | 007        | 007        |
|             |                                                | 255                     | Any Trouble Event                          | Not Used   | Not Used   |
| 037         | <i>Trouble Restore</i>                         | 000                     | TLM Trouble (see <b>NOTE 2</b> on page 19) | 000        | 000        |
|             |                                                |                         | AC Failure                                 | 001        | 001        |
|             |                                                |                         | Battery Failure                            | 002        | 002        |
|             |                                                |                         | Auxiliary Current Limit                    | 003        | 003        |
|             |                                                |                         | Bell Current Limit                         | 004        | 004        |
|             |                                                |                         | Bell Absent                                | 005        | 005        |
|             |                                                |                         | Clock Trouble                              | 006        | 006        |
|             |                                                |                         | Global Fire Loop                           | 007        | 007        |
|             |                                                | 255                     | Any Trouble Restore Event                  | Not Used   | Not Used   |
| 038         | <i>Module Trouble</i>                          | 000                     | Communication Bus Fault                    | 000        | 000        |
|             |                                                |                         | Module Tamper                              | 001        | 001        |
|             |                                                |                         | ROM/RAM error                              | 002        | 002        |
|             |                                                |                         | TLM Trouble                                | 003        | 003        |
|             |                                                |                         | Fail to Communicate                        | 004        | 004        |
|             |                                                |                         | Printer Fault                              | 005        | 005        |
|             |                                                |                         | AC Failure                                 | 006        | 006        |
|             |                                                |                         | Battery Failure                            | 007        | 007        |
|             |                                                |                         | Auxiliary Failure                          | 008        | 008        |
|             |                                                | 255                     | Any Module Trouble Event                   | Not Used   | Not Used   |
| 039         | <i>Module Trouble Restore</i>                  | 000                     | Communication Bus Fault                    | 000        | 000        |
|             |                                                |                         | Module Tamper                              | 001        | 001        |
|             |                                                |                         | ROM/RAM error                              | 002        | 002        |
|             |                                                |                         | TLM Trouble                                | 003        | 003        |
|             |                                                |                         | Fail to Communicate                        | 004        | 004        |
|             |                                                |                         | Printer Fault                              | 005        | 005        |
|             |                                                |                         | AC Failure                                 | 006        | 006        |
|             |                                                |                         | Battery Failure                            | 007        | 007        |
|             |                                                |                         | Auxiliary Failure                          | 008        | 008        |
|             |                                                | 255                     | Any Module Trouble Restore Event           | Not Used   | Not Used   |
| 040         | <i>Fail to Communicate on Telephone Number</i> | 000                     | Telephone Number                           | 001 to 004 | 001 to 004 |
|             |                                                | 255                     | Any telephone number                       | Not Used   | Not Used   |
| 041         | <i>Low Battery on Zone</i>                     | 000<br>255 = any Zone # | Zone Numbers                               | 001 to 096 | 001 to 096 |
| 042         | <i>Zone Supervision Trouble</i>                |                         |                                            | 001 to 096 | 001 to 096 |
| 043         | <i>Low Battery on Zone Restored</i>            |                         |                                            | 001 to 096 | 001 to 096 |
| 044         | <i>Zone Supervision Trouble Restored</i>       |                         |                                            | 001 to 096 | 001 to 096 |
| 045         | <i>Special Events</i>                          | 000                     | Power up after total power down            | 000        | 000        |
|             |                                                |                         | Software reset (Watchdog)                  | 001        | 001        |
|             |                                                |                         | Test Report                                | 002        | 002        |
|             |                                                |                         | Future Use                                 | 003        | 003        |
|             |                                                |                         | WinLoad In (connected)                     | 004        | 004        |
|             |                                                |                         | WinLoad Out (disconnected)                 | 005        | 005        |
|             |                                                |                         | Installer in programming                   | 006        | 006        |
|             |                                                |                         | Installer out of programming               | 007        | 007        |
|             |                                                | 255                     | Any Special Event                          | Not Used   | Not Used   |

| Event Group | Event                    | Feature Group                   | Feature                                                   | Start #    | End #      |
|-------------|--------------------------|---------------------------------|-----------------------------------------------------------|------------|------------|
| 046         | Early to Arm by User     | 000                             | User Codes 001 to 255                                     | 001 to 255 | 001 to 255 |
|             |                          | 001                             | User Codes 256 to 511                                     | 000 to 255 | 000 to 255 |
|             |                          | 002                             | User Codes 512 to 767                                     | 000 to 255 | 000 to 255 |
|             |                          | 003                             | User Codes 768 to 999                                     | 000 to 231 | 000 to 231 |
|             |                          | 255                             | Any User Code                                             | Not Used   | Not Used   |
| 047         | Late to Arm by User      | 000                             | User Codes 001 to 255                                     | 001 to 255 | 001 to 255 |
|             |                          | 001                             | User Codes 256 to 511                                     | 000 to 255 | 000 to 255 |
|             |                          | 002                             | User Codes 512 to 767                                     | 000 to 255 | 000 to 255 |
|             |                          | 003                             | User Codes 768 to 999                                     | 000 to 231 | 000 to 231 |
|             |                          | 255                             | Any User Code                                             | Not Used   | Not Used   |
| 048         | Utility Key Pressed      | 000                             | Key Pressed                                               | 001 to 032 | 001 to 032 |
|             |                          | 255                             | Any Utility Key                                           | Not Used   | Not Used   |
| 049         | Request for Exit         | 000<br>255 = any Door<br>Number | Door Numbers                                              | 001 to 032 | 001 to 032 |
| 050         | Access Denied            |                                 |                                                           | 001 to 032 | 001 to 032 |
| 051         | Door Left Open Alarm     |                                 |                                                           | 001 to 032 | 001 to 032 |
| 052         | Door Forced Alarm        |                                 |                                                           | 001 to 032 | 001 to 032 |
| 053         | Door Left Open Restore   |                                 |                                                           | 001 to 032 | 001 to 032 |
| 054         | Door Forced Open Restore |                                 |                                                           | 001 to 032 | 001 to 032 |
| 055         | Intellizone Triggered    | 000                             | Zone Numbers                                              | 001 to 096 | 001 to 096 |
|             |                          | 255                             | Any zone number                                           | Not Used   | Not Used   |
| 056 to 061  | Future Use               | Future Use                      | Future Use                                                | Future Use | Future Use |
| 062         | Access Granted to User   | 000                             | User Codes 001 to 255                                     | 001 to 255 | 001 to 255 |
|             |                          | 001                             | User Codes 256 to 511                                     | 000 to 255 | 000 to 255 |
|             |                          | 002                             | User Codes 512 to 767                                     | 000 to 255 | 000 to 255 |
|             |                          | 003                             | User Codes 768 to 999                                     | 000 to 231 | 000 to 231 |
|             |                          | 255                             | Any User Code                                             | Not Used   | Not Used   |
| 063         | Access Denied to User    | 000                             | User Codes 001 to 255                                     | 001 to 255 | 001 to 255 |
|             |                          | 001                             | User Codes 256 to 511                                     | 000 to 255 | 000 to 255 |
|             |                          | 002                             | User Codes 512 to 767                                     | 000 to 255 | 000 to 255 |
|             |                          | 003                             | User Codes 768 to 999                                     | 000 to 231 | 000 to 231 |
|             |                          | 255                             | Any User Code                                             | Not Used   | Not Used   |
| 064         | Status 1                 | See Note 1<br>on page 19        | Armed                                                     | 000        | 000        |
|             |                          |                                 | Force Armed                                               | 001        | 001        |
|             |                          |                                 | Stay Armed                                                | 002        | 002        |
|             |                          |                                 | Instant Armed                                             | 003        | 003        |
|             |                          |                                 | Strobe Alarm                                              | 004        | 004        |
|             |                          |                                 | Silent Alarm                                              | 005        | 005        |
|             |                          |                                 | Audible Alarm                                             | 006        | 006        |
|             |                          |                                 | Fire Alarm                                                | 007        | 007        |
| 065         | Status 2                 | See Note 1<br>on page 19        | Ready                                                     | 000        | 000        |
|             |                          |                                 | Exit Delay                                                | 001        | 001        |
|             |                          |                                 | Entry Delay                                               | 002        | 002        |
|             |                          |                                 | System in Trouble                                         | 003        | 003        |
|             |                          |                                 | Alarm in Memory                                           | 004        | 004        |
|             |                          |                                 | Zones Bypassed                                            | 005        | 005        |
|             |                          |                                 | Bypass, Master, Installer Programming                     | 006        | 006        |
|             |                          |                                 | Keypad Lockout                                            | 007        | 007        |
| 066         | Status 3                 | See Note 1<br>on page 19        | Intellizone Engaged<br>(see Note 3 on page 19)            | 000        | 000        |
|             |                          |                                 | Fire Delay Engaged                                        | 001        | 001        |
|             |                          |                                 | Auto Arm                                                  | 002        | 002        |
|             |                          |                                 | Future Use                                                | 003        | 003        |
|             |                          |                                 | Tamper                                                    | 004        | 004        |
|             |                          |                                 | Zone Low Battery                                          | 005        | 005        |
|             |                          |                                 | Fire Loop Trouble                                         | 006        | 006        |
|             |                          |                                 | Zone Supervision Trouble                                  | 007        | 007        |
| 067         | Special Status           | N/A                             | Chime in Partition 1 to 4<br>(000 to 003 = System 1 to 4) | 000 to 003 | 000 to 003 |
|             |                          |                                 | Smoke Detector Power Reset                                | 004        | 004        |

| Event Group | Event          | Feature Group | Feature                                                                           | Start #    | End #      |
|-------------|----------------|---------------|-----------------------------------------------------------------------------------|------------|------------|
| 067         | Special Status | N/A           | Ground Start                                                                      | 005        | 005        |
|             |                |               | Kiss Off                                                                          | 006        | 006        |
|             |                |               | Telephone Ring                                                                    | 007        | 007        |
|             |                |               | Bell on Partition 1 to 8<br>(008 to 015 = Partitions 1 to 8)                      | 008 to 015 | 008 to 015 |
|             |                |               | Fire Alarm in Partition 1 to 8<br>(016 to 023 = Partitions 1 to 8)                | 016 to 023 | 016 to 023 |
|             |                |               | Open/close Kiss Off in Partition 1 to 8<br>(024 to 031 = Partitions 1 to 8)       | 024 to 031 | 024 to 031 |
|             |                |               | Keyswitch/PGM Inputs # 01 to 32<br>(032 to 063 = Keyswitch/PGM Inputs # 01 to 32) | 032 to 063 | 032 to 063 |
|             |                |               | Status of Access Door 01 to 32<br>(064 to 095 = Access Doors 01 to 32)            | 064 to 095 | 064 to 095 |
|             |                |               | Trouble in System                                                                 | 096        | 096        |
|             |                |               | Trouble in Dialer                                                                 | 097        | 097        |
|             |                |               | Trouble in Module                                                                 | 098        | 098        |
|             |                |               | Trouble in communication bus                                                      | 099        | 099        |
|             |                |               | Future Use                                                                        | 100 to 102 | 100 to 102 |
|             |                |               | Time and Date Trouble                                                             | 103        | 103        |
|             |                |               | AC Failure                                                                        | 104        | 104        |
|             |                |               | Battery Failure                                                                   | 105        | 105        |
|             |                |               | Auxiliary Current Limit                                                           | 106        | 106        |
|             |                |               | Bell Current Limit                                                                | 107        | 107        |
|             |                |               | Bell Absent                                                                       | 108        | 108        |
|             |                |               | ROM error                                                                         | 109        | 109        |
|             |                |               | RAM error                                                                         | 110        | 110        |
|             |                |               | Future Use                                                                        | 111        | 111        |
|             |                |               | TLM 1 Trouble                                                                     | 112        | 112        |
|             |                |               | Fail to Communicate 1                                                             | 113        | 113        |
|             |                |               | Fail to Communicate 2                                                             | 114        | 114        |
|             |                |               | Fail to Communicate 3                                                             | 115        | 115        |
|             |                |               | Fail to Communicate 4                                                             | 116        | 116        |
|             |                |               | Fail to Communicate with PC                                                       | 117        | 117        |
|             |                |               | Future Use                                                                        | 118        | 118        |
|             |                |               | Future Use                                                                        | 119        | 119        |
|             |                |               | Module Tamper Trouble                                                             | 120        | 120        |
|             |                |               | Module ROM error                                                                  | 121        | 121        |
|             |                |               | Module TLM error                                                                  | 122        | 122        |
|             |                |               | Module Failure to Communicate                                                     | 123        | 123        |
|             |                |               | Module Printer Trouble                                                            | 124        | 124        |
|             |                |               | Module AC Failure                                                                 | 125        | 125        |
|             |                |               | Module Battery Trouble                                                            | 126        | 126        |
|             |                |               | Module Auxiliary Failure                                                          | 127        | 127        |
|             |                |               | Missing Keypad                                                                    | 128        | 128        |
|             |                |               | Missing Module                                                                    | 129        | 129        |
|             |                |               | Future Use                                                                        | 130 to 132 | 130 to 132 |
|             |                |               | Global Bus Failure                                                                | 133        | 133        |
|             |                |               | Bus Overload                                                                      | 134        | 134        |
|             |                |               | Bus Fail to Communicate                                                           | 135        | 135        |
| 070         | Clock          | N/A           |                                                                                   | Hour       | Minutes    |

**NOTE 1:** 000 = Occurs in all partitions enabled in the system (see section [3031]).

001 = Partition 1    003 = Partition 3    005 = Partition 5    007 = Partition 7    255 = Occurs in at least one partition enabled in the system.

002 = Partition 2    004 = Partition 4    006 = Partition 6    008 = Partition 8

**NOTE 2:** The TLM trouble event can only be used with the Digiplex NE control panel models that have two dialers.

**NOTE 3:** This event cannot be used for a module's PGM programming.

## INPUT SPEEDS

| Section | Data - Decimal Value (001 - 255) | Description                                        | Default   |
|---------|----------------------------------|----------------------------------------------------|-----------|
| [0961]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 01                            | 600 msec. |
| [0962]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 02                            | 600 msec. |
| [0963]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 03                            | 600 msec. |
| [0964]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 04                            | 600 msec. |
| [0965]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 05                            | 600 msec. |
| [0966]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 06                            | 600 msec. |
| [0967]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 07                            | 600 msec. |
| [0968]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 08                            | 600 msec. |
| [0969]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 09 (DGP2-ZX4 INPUT 01)        | 600 msec. |
| [0970]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 10 (DGP2-ZX4 INPUT 02)        | 600 msec. |
| [0971]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 11 (DGP2-ZX4 INPUT 03)        | 600 msec. |
| [0972]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 12 (DGP2-ZX4 INPUT 04)        | 600 msec. |
| [0973]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 13 (ATZ OF INPUT 01)          | 600 msec. |
| [0974]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 14 (ATZ OF INPUT 02)          | 600 msec. |
| [0975]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 15 (ATZ OF INPUT 03)          | 600 msec. |
| [0976]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 16 (ATZ OF INPUT 04)          | 600 msec. |
| [0977]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 17 (ATZ OF INPUT 05)          | 600 msec. |
| [0978]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 18 (ATZ OF INPUT 06)          | 600 msec. |
| [0979]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 19 (ATZ OF INPUT 07)          | 600 msec. |
| [0980]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 20 (ATZ OF INPUT 08)          | 600 msec. |
| [0981]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 21 (ATZ OF DGP2-ZX4 INPUT 01) | 600 msec. |
| [0982]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 22 (ATZ OF DGP2-ZX4 INPUT 02) | 600 msec. |
| [0983]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 23 (ATZ OF DGP2-ZX4 INPUT 03) | 600 msec. |
| [0984]  | __/_/__(001 to 255) x 30 msec.   | INPUT SPEED OF INPUT 24 (ATZ OF DGP2-ZX4 INPUT 04) | 600 msec. |

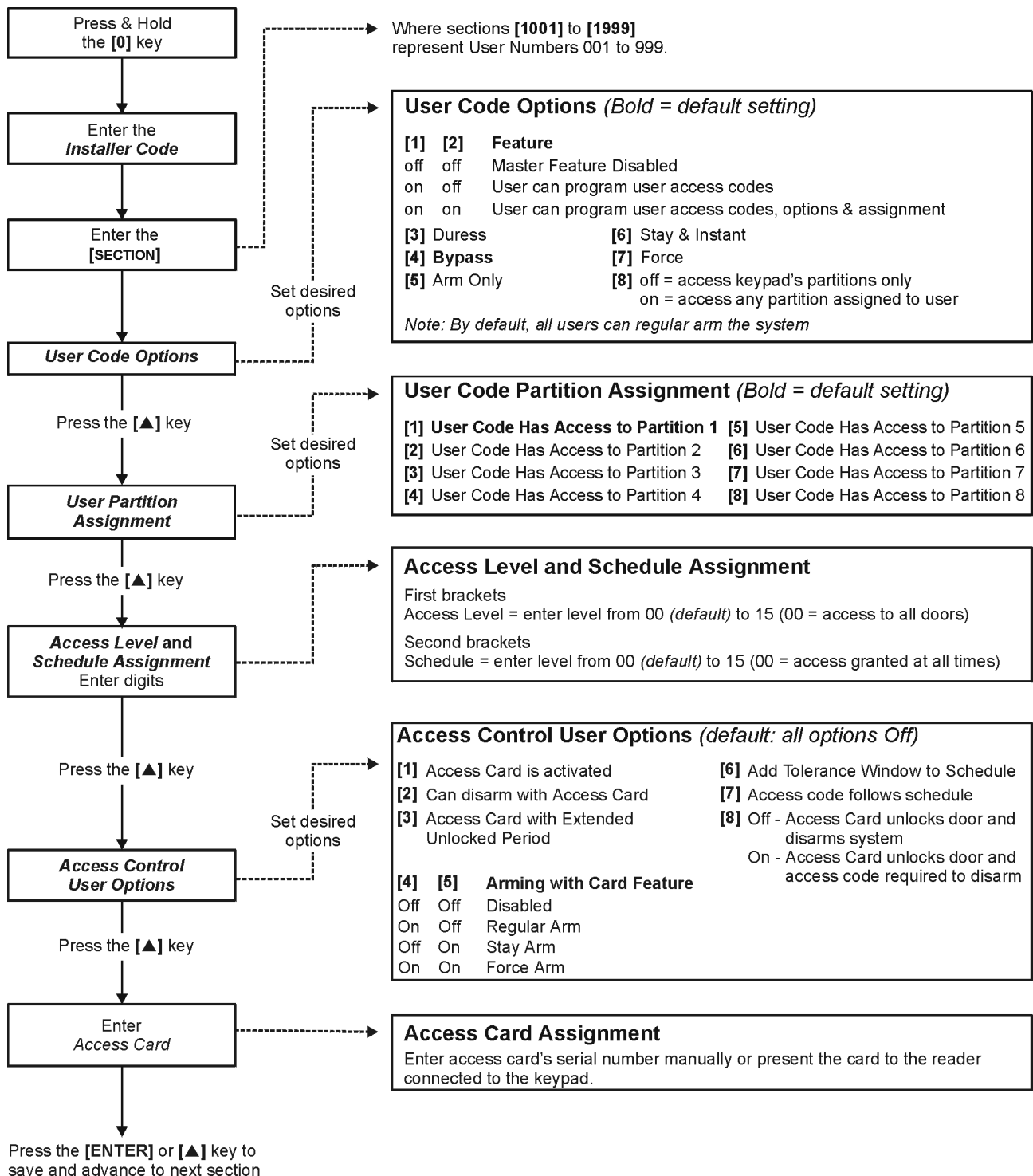
## INSTALLER CODE PROGRAMMING

| Section | Data          | Description                                                              | Default |
|---------|---------------|--------------------------------------------------------------------------|---------|
| [1000]  | __/_/__/__/_/ | INSTALLER CODE<br>(REFER TO SECTION [3001], "INSTALLER LOCK" ON PAGE 27) | 000000  |

# User Code Options

## Sections [1001] to [1999]

Program User Code Options, Partition Assignment and Access Control features for user 001 to 999. Refer to the appropriate keypad User's Manual for instructions on how certain users can program these values.



# Arming and Disarming Report Codes

Ademco slow, Silent Knight fast, SESCOA, Ademco express or Pager formats:

Key-in desired 2-digit hexa values from 00 to FF.

## Ademco format:

Use section [4033] to program a set of default Ademco report codes from the “Automatic Report Code Programming” on page 39. Then to program the remaining report codes or to change some of the defaults, enter the individual sections and key-in the desired 2-digit hexa value found in the “Contact ID Report Code List” on page 42.

## SIA format:

Use section [4033] to program a set of SIA report codes from the “Automatic Report Code Programming” on page 39. Codes that have not been set to default can be set to default manually by entering FF in the appropriate section. To disable the reporting of an event, enter 00 in the appropriate section.

## ARMING REPORT CODES

| Section                   | Section                   | Section                   | Section                              |
|---------------------------|---------------------------|---------------------------|--------------------------------------|
| [2001] ___ Access Code 1  | [2026] ___ Access Code 26 | [2051] ___ Access Code 51 | [2076] ___ Access Code 76            |
| [2002] ___ Access Code 2  | [2027] ___ Access Code 27 | [2052] ___ Access Code 52 | [2077] ___ Access Code 77            |
| [2003] ___ Access Code 3  | [2028] ___ Access Code 28 | [2053] ___ Access Code 53 | [2078] ___ Access Code 78            |
| [2004] ___ Access Code 4  | [2029] ___ Access Code 29 | [2054] ___ Access Code 54 | [2079] ___ Access Code 79            |
| [2005] ___ Access Code 5  | [2030] ___ Access Code 30 | [2055] ___ Access Code 55 | [2080] ___ Access Code 80            |
| [2006] ___ Access Code 6  | [2031] ___ Access Code 31 | [2056] ___ Access Code 56 | [2081] ___ Access Code 81            |
| [2007] ___ Access Code 7  | [2032] ___ Access Code 32 | [2057] ___ Access Code 57 | [2082] ___ Access Code 82            |
| [2008] ___ Access Code 8  | [2033] ___ Access Code 33 | [2058] ___ Access Code 58 | [2083] ___ Access Code 83            |
| [2009] ___ Access Code 9  | [2034] ___ Access Code 34 | [2059] ___ Access Code 59 | [2084] ___ Access Code 84            |
| [2010] ___ Access Code 10 | [2035] ___ Access Code 35 | [2060] ___ Access Code 60 | [2085] ___ Access Code 85            |
| [2011] ___ Access Code 11 | [2036] ___ Access Code 36 | [2061] ___ Access Code 61 | [2086] ___ Access Code 86            |
| [2012] ___ Access Code 12 | [2037] ___ Access Code 37 | [2062] ___ Access Code 62 | [2087] ___ Access Code 87            |
| [2013] ___ Access Code 13 | [2038] ___ Access Code 38 | [2063] ___ Access Code 63 | [2088] ___ Access Code 88            |
| [2014] ___ Access Code 14 | [2039] ___ Access Code 39 | [2064] ___ Access Code 64 | [2089] ___ Access Code 89            |
| [2015] ___ Access Code 15 | [2040] ___ Access Code 40 | [2065] ___ Access Code 65 | [2090] ___ Access Code 90            |
| [2016] ___ Access Code 16 | [2041] ___ Access Code 41 | [2066] ___ Access Code 66 | [2091] ___ Access Code 91            |
| [2017] ___ Access Code 17 | [2042] ___ Access Code 42 | [2067] ___ Access Code 67 | [2092] ___ Access Code 92            |
| [2018] ___ Access Code 18 | [2043] ___ Access Code 43 | [2068] ___ Access Code 68 | [2093] ___ Access Code 93            |
| [2019] ___ Access Code 19 | [2044] ___ Access Code 44 | [2069] ___ Access Code 69 | [2094] ___ Access Code 94            |
| [2020] ___ Access Code 20 | [2045] ___ Access Code 45 | [2070] ___ Access Code 70 | [2095] ___ Access Code 95            |
| [2021] ___ Access Code 21 | [2046] ___ Access Code 46 | [2071] ___ Access Code 71 | [2096] ___ Access Code 96            |
| [2022] ___ Access Code 22 | [2047] ___ Access Code 47 | [2072] ___ Access Code 72 | [2097] ___ Access Code 97            |
| [2023] ___ Access Code 23 | [2048] ___ Access Code 48 | [2073] ___ Access Code 73 | [2098] ___ Access Code 98            |
| [2024] ___ Access Code 24 | [2049] ___ Access Code 49 | [2074] ___ Access Code 74 | [2099] ___ Access Codes<br>99 to 999 |
| [2025] ___ Access Code 25 | [2050] ___ Access Code 50 | [2075] ___ Access Code 75 |                                      |

## DISARMING REPORT CODES

| Section                  | Section                   | Section                   | Section                   |
|--------------------------|---------------------------|---------------------------|---------------------------|
| [2101] ___ Access Code 1 | [2107] ___ Access Code 7  | [2113] ___ Access Code 13 | [2119] ___ Access Code 19 |
| [2102] ___ Access Code 2 | [2108] ___ Access Code 8  | [2114] ___ Access Code 14 | [2120] ___ Access Code 20 |
| [2103] ___ Access Code 3 | [2109] ___ Access Code 9  | [2115] ___ Access Code 15 | [2121] ___ Access Code 21 |
| [2104] ___ Access Code 4 | [2110] ___ Access Code 10 | [2116] ___ Access Code 16 | [2122] ___ Access Code 22 |
| [2105] ___ Access Code 5 | [2111] ___ Access Code 11 | [2117] ___ Access Code 17 | [2123] ___ Access Code 23 |
| [2106] ___ Access Code 6 | [2112] ___ Access Code 12 | [2118] ___ Access Code 18 | [2124] ___ Access Code 24 |

|        |                        |        |                        |        |                        |        |                        |
|--------|------------------------|--------|------------------------|--------|------------------------|--------|------------------------|
| [2125] | ___/___ Access Code 25 | [2144] | ___/___ Access Code 44 | [2163] | ___/___ Access Code 63 | [2182] | ___/___ Access Code 82 |
| [2126] | ___/___ Access Code 26 | [2145] | ___/___ Access Code 45 | [2164] | ___/___ Access Code 64 | [2183] | ___/___ Access Code 83 |
| [2127] | ___/___ Access Code 27 | [2146] | ___/___ Access Code 46 | [2165] | ___/___ Access Code 65 | [2184] | ___/___ Access Code 84 |
| [2128] | ___/___ Access Code 28 | [2147] | ___/___ Access Code 47 | [2166] | ___/___ Access Code 66 | [2185] | ___/___ Access Code 85 |
| [2129] | ___/___ Access Code 29 | [2148] | ___/___ Access Code 48 | [2167] | ___/___ Access Code 67 | [2186] | ___/___ Access Code 86 |
| [2130] | ___/___ Access Code 30 | [2149] | ___/___ Access Code 49 | [2168] | ___/___ Access Code 68 | [2187] | ___/___ Access Code 87 |
| [2131] | ___/___ Access Code 31 | [2150] | ___/___ Access Code 50 | [2169] | ___/___ Access Code 69 | [2188] | ___/___ Access Code 88 |
| [2132] | ___/___ Access Code 32 | [2151] | ___/___ Access Code 51 | [2170] | ___/___ Access Code 70 | [2189] | ___/___ Access Code 89 |
| [2133] | ___/___ Access Code 33 | [2152] | ___/___ Access Code 52 | [2171] | ___/___ Access Code 71 | [2190] | ___/___ Access Code 90 |
| [2134] | ___/___ Access Code 34 | [2153] | ___/___ Access Code 53 | [2172] | ___/___ Access Code 72 | [2191] | ___/___ Access Code 91 |
| [2135] | ___/___ Access Code 35 | [2154] | ___/___ Access Code 54 | [2173] | ___/___ Access Code 73 | [2192] | ___/___ Access Code 92 |
| [2136] | ___/___ Access Code 36 | [2155] | ___/___ Access Code 55 | [2174] | ___/___ Access Code 74 | [2193] | ___/___ Access Code 93 |
| [2137] | ___/___ Access Code 37 | [2156] | ___/___ Access Code 56 | [2175] | ___/___ Access Code 75 | [2194] | ___/___ Access Code 94 |
| [2138] | ___/___ Access Code 38 | [2157] | ___/___ Access Code 57 | [2176] | ___/___ Access Code 76 | [2195] | ___/___ Access Code 95 |
| [2139] | ___/___ Access Code 39 | [2158] | ___/___ Access Code 58 | [2177] | ___/___ Access Code 77 | [2196] | ___/___ Access Code 96 |
| [2140] | ___/___ Access Code 40 | [2159] | ___/___ Access Code 59 | [2178] | ___/___ Access Code 78 | [2197] | ___/___ Access Code 97 |
| [2141] | ___/___ Access Code 41 | [2160] | ___/___ Access Code 60 | [2179] | ___/___ Access Code 79 | [2198] | ___/___ Access Code 98 |
| [2142] | ___/___ Access Code 42 | [2161] | ___/___ Access Code 61 | [2180] | ___/___ Access Code 80 | [2199] | ___/___ Access Codes   |
| [2143] | ___/___ Access Code 43 | [2162] | ___/___ Access Code 62 | [2181] | ___/___ Access Code 81 |        | 99 to 999              |

## Access Control Sections

### ASSIGNING A DOOR TO THE SYSTEM

These doors are used to program the Access Levels in sections [2601] to [2615]. If you want a door to be linked to the alarm system, install a door contact and assign it to a zone through *Zone Programming*. <sup>†</sup>**Note: Under the Door Numbering column (see below), enter the 8-digit serial number of the DGP2-641AC and the DGP2-ACM1 or DGP2-ACM1P.**

| Door Numbering <sup>†</sup> |         |                                 | Door Options <sup>††</sup> |                 | Door Labels |                                 |
|-----------------------------|---------|---------------------------------|----------------------------|-----------------|-------------|---------------------------------|
| Door #                      | Section | Serial Number                   | Section                    | Option          | Section     | Label                           |
| Door 01                     | [2201]  | ___/___/___/___/___/___/___/___ | [2251]                     | 1 2 3 4 5 * * * | [2301]      | ___/___/___/___/___/___/___/___ |
| Door 02                     | [2202]  | ___/___/___/___/___/___/___/___ | [2252]                     | 1 2 3 4 5 * * * | [2302]      | ___/___/___/___/___/___/___/___ |
| Door 03                     | [2203]  | ___/___/___/___/___/___/___/___ | [2253]                     | 1 2 3 4 5 * * * | [2303]      | ___/___/___/___/___/___/___/___ |
| Door 04                     | [2204]  | ___/___/___/___/___/___/___/___ | [2254]                     | 1 2 3 4 5 * * * | [2304]      | ___/___/___/___/___/___/___/___ |
| Door 05                     | [2205]  | ___/___/___/___/___/___/___/___ | [2255]                     | 1 2 3 4 5 * * * | [2305]      | ___/___/___/___/___/___/___/___ |
| Door 06                     | [2206]  | ___/___/___/___/___/___/___/___ | [2256]                     | 1 2 3 4 5 * * * | [2306]      | ___/___/___/___/___/___/___/___ |
| Door 07                     | [2207]  | ___/___/___/___/___/___/___/___ | [2257]                     | 1 2 3 4 5 * * * | [2307]      | ___/___/___/___/___/___/___/___ |
| Door 08                     | [2208]  | ___/___/___/___/___/___/___/___ | [2258]                     | 1 2 3 4 5 * * * | [2308]      | ___/___/___/___/___/___/___/___ |
| Door 09                     | [2209]  | ___/___/___/___/___/___/___/___ | [2259]                     | 1 2 3 4 5 * * * | [2309]      | ___/___/___/___/___/___/___/___ |
| Door 10                     | [2210]  | ___/___/___/___/___/___/___/___ | [2260]                     | 1 2 3 4 5 * * * | [2310]      | ___/___/___/___/___/___/___/___ |
| Door 11                     | [2211]  | ___/___/___/___/___/___/___/___ | [2261]                     | 1 2 3 4 5 * * * | [2311]      | ___/___/___/___/___/___/___/___ |
| Door 12                     | [2212]  | ___/___/___/___/___/___/___/___ | [2262]                     | 1 2 3 4 5 * * * | [2312]      | ___/___/___/___/___/___/___/___ |
| Door 13                     | [2213]  | ___/___/___/___/___/___/___/___ | [2263]                     | 1 2 3 4 5 * * * | [2313]      | ___/___/___/___/___/___/___/___ |
| Door 14                     | [2214]  | ___/___/___/___/___/___/___/___ | [2264]                     | 1 2 3 4 5 * * * | [2314]      | ___/___/___/___/___/___/___/___ |
| Door 15                     | [2215]  | ___/___/___/___/___/___/___/___ | [2265]                     | 1 2 3 4 5 * * * | [2315]      | ___/___/___/___/___/___/___/___ |
| Door 16                     | [2216]  | ___/___/___/___/___/___/___/___ | [2266]                     | 1 2 3 4 5 * * * | [2316]      | ___/___/___/___/___/___/___/___ |

|         |        |                            |        |                 |        |                            |
|---------|--------|----------------------------|--------|-----------------|--------|----------------------------|
| Door 17 | [2217] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | [2267] | 1 2 3 4 5 * * * | [2317] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 18 | [2218] | _/ _/ _/ _/ _/ _/ _/ _/    | [2268] | 1 2 3 4 5 * * * | [2318] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 19 | [2219] | _/ _/ _/ _/ _/ _/ _/ _/    | [2269] | 1 2 3 4 5 * * * | [2319] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 20 | [2220] | _/ _/ _/ _/ _/ _/ _/ _/    | [2270] | 1 2 3 4 5 * * * | [2320] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 21 | [2221] | _/ _/ _/ _/ _/ _/ _/ _/    | [2271] | 1 2 3 4 5 * * * | [2321] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 22 | [2222] | _/ _/ _/ _/ _/ _/ _/ _/    | [2272] | 1 2 3 4 5 * * * | [2322] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 23 | [2223] | _/ _/ _/ _/ _/ _/ _/ _/    | [2273] | 1 2 3 4 5 * * * | [2323] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 24 | [2224] | _/ _/ _/ _/ _/ _/ _/ _/    | [2274] | 1 2 3 4 5 * * * | [2324] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 25 | [2225] | _/ _/ _/ _/ _/ _/ _/ _/    | [2275] | 1 2 3 4 5 * * * | [2325] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 26 | [2226] | _/ _/ _/ _/ _/ _/ _/ _/    | [2276] | 1 2 3 4 5 * * * | [2326] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 27 | [2227] | _/ _/ _/ _/ _/ _/ _/ _/    | [2277] | 1 2 3 4 5 * * * | [2327] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 28 | [2228] | _/ _/ _/ _/ _/ _/ _/ _/    | [2278] | 1 2 3 4 5 * * * | [2328] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 29 | [2229] | _/ _/ _/ _/ _/ _/ _/ _/    | [2279] | 1 2 3 4 5 * * * | [2329] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 30 | [2230] | _/ _/ _/ _/ _/ _/ _/ _/    | [2280] | 1 2 3 4 5 * * * | [2330] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 31 | [2231] | _/ _/ _/ _/ _/ _/ _/ _/    | [2281] | 1 2 3 4 5 * * * | [2331] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |
| Door 32 | [2232] | _/ _/ _/ _/ _/ _/ _/ _/    | [2282] | 1 2 3 4 5 * * * | [2332] | _/ _/ _/ _/ _/ _/ _/ _/ _/ |

†† Door Options: [1] "OR/AND" Door Access - Each door can be programmed to grant access only to cards assigned to at least one of the door's partitions ("OR" Door Access) or to cards assigned to all the door's assigned partitions ("AND" Door Access). Enabling option [1] will set the door in "OR" Door Access Mode. Disabling option [1] will set the door in "AND" Door Access Mode.

[2] User Code Access - When option [2] is disabled, the access control door is accessed through the reader by presenting the access card to the reader. When option [2] is enabled, a reader is not needed to access the controlled door. To access the controlled door, the user must enter their access code and then press the [Acc] button. (DGP2-641AC only)

[3] Card and Code Access - Enabling option [3] will require that both a valid access control card and a valid user access code be used. The access control card and user access code must belong to the same user. Disabling option [3] requires that either a valid access control card or a valid user access code be used to access the controlled door. (DGP2-641AC only)

[4] Restrict Arming on Door - When option [4] is enabled, that door's reader cannot be used to arm the system even if the access control card has the arming option enabled.

[5] Restrict Disarming on Door - When option [5] is enabled, that door's reader cannot be used to disarm the system even if the access control card has the disarming option enabled.

## SCHEDULE PROGRAMMING

Each Schedule determines when users are permitted access. Schedules 001 and 015 (sections [2401] to [2415]) are *Primary Schedules*. The *Primary Schedules* are the only schedules that can be assigned to a User Access Code. Schedules 016 to 032 (sections [2416] to [2432]) are *Secondary Schedules*. The *Secondary Schedules* cannot be assigned to a User Access Code and can only be used as backup schedules.

|                   | Section | Schedule | Intervals  | Start Time (from) | End Time (to) | Days (turn ON or OFF) |   |   |   |   |   |     |
|-------------------|---------|----------|------------|-------------------|---------------|-----------------------|---|---|---|---|---|-----|
|                   |         |          |            |                   |               | S                     | M | T | W | T | F | S H |
| PRIMARY SCHEDULES | [2401]  | 001      | Schedule A | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   |         |          | Schedule B | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   | [2402]  | 002      | Schedule A | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   |         |          | Schedule B | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   | [2403]  | 003      | Schedule A | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   |         |          | Schedule B | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   | [2404]  | 004      | Schedule A | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   |         |          | Schedule B | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   | [2405]  | 005      | Schedule A | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   |         |          | Schedule B | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   | [2406]  | 006      | Schedule A | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   |         |          | Schedule B | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   | [2407]  | 007      | Schedule A | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   |         |          | Schedule B | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   | [2408]  | 008      | Schedule A | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   |         |          | Schedule B | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   | [2409]  | 009      | Schedule A | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   |         |          | Schedule B | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   | [2410]  | 010      | Schedule A | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   |         |          | Schedule B | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |
|                   | [2411]  | 011      | Schedule A | ____ : ____       | ____ : ____   | 1                     | 2 | 3 | 4 | 5 | 6 | 7 8 |

| Section             | Schedule | Intervals  | Start Time (from) | End Time (to) | Days (turn ON or OFF) |   |   |   |   |   |   |   |
|---------------------|----------|------------|-------------------|---------------|-----------------------|---|---|---|---|---|---|---|
|                     |          |            |                   |               | S                     | M | T | W | T | F | S | H |
| PRIMARY SCHEDULES   | [2412]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2413]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2414]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2415]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2416]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| SECONDARY SCHEDULES | [2417]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2418]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2419]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2420]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2421]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2422]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2423]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2424]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2425]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2426]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2427]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2428]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2429]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2430]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2431]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     | [2432]   | Schedule B | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|                     |          | Schedule A | _____ : _____     | _____ : _____ | 1                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |



**The Start and End Time of a schedule cannot cross over into another day. For example, to program a shift from 10PM one day to 6AM the next morning, you must program Schedule A: Start Time 22:00 and End Time 23:59 then program Schedule B Start Time 00:00 and End Time 06:00. The schedule will not be interrupted between 23:59 and 00:00.**

## BACKUP SCHEDULES

Each programmed schedule (see "Schedule Programming" on page 24;) can be backed up or linked to another schedule. The backup will be used in the event that the first schedule is invalid. Enter the 3-digit number of the schedule you wish to use as the backup. *Ex: You wish to backup schedule 001 to schedule 011. In section [2501], you would enter 011.* The control panel will verify up to 8 linked schedules, one after another, until it determines whether the card or code is valid. *Ex: If Schedule 001 is linked to Schedule 005 and Schedule 005 is linked to Schedule 030, then the control panel will verify Schedules 001, 005 and 030.*

| Section |                          | Section |                          | Section |                          | Section |                          |
|---------|--------------------------|---------|--------------------------|---------|--------------------------|---------|--------------------------|
| [2501]  | ___/___/___ Schedule 001 | [2509]  | ___/___/___ Schedule 009 | [2517]  | ___/___/___ Schedule 017 | [2525]  | ___/___/___ Schedule 025 |
| [2502]  | ___/___/___ Schedule 002 | [2510]  | ___/___/___ Schedule 010 | [2518]  | ___/___/___ Schedule 018 | [2526]  | ___/___/___ Schedule 026 |
| [2503]  | ___/___/___ Schedule 003 | [2511]  | ___/___/___ Schedule 011 | [2519]  | ___/___/___ Schedule 019 | [2527]  | ___/___/___ Schedule 027 |
| [2504]  | ___/___/___ Schedule 004 | [2512]  | ___/___/___ Schedule 012 | [2520]  | ___/___/___ Schedule 020 | [2528]  | ___/___/___ Schedule 028 |
| [2505]  | ___/___/___ Schedule 005 | [2513]  | ___/___/___ Schedule 013 | [2521]  | ___/___/___ Schedule 021 | [2529]  | ___/___/___ Schedule 029 |
| [2506]  | ___/___/___ Schedule 006 | [2514]  | ___/___/___ Schedule 014 | [2522]  | ___/___/___ Schedule 022 | [2530]  | ___/___/___ Schedule 030 |
| [2507]  | ___/___/___ Schedule 007 | [2515]  | ___/___/___ Schedule 015 | [2523]  | ___/___/___ Schedule 023 | [2531]  | ___/___/___ Schedule 031 |
| [2508]  | ___/___/___ Schedule 008 | [2516]  | ___/___/___ Schedule 016 | [2524]  | ___/___/___ Schedule 024 | [2532]  | ___/___/___ Schedule 032 |

## PROGRAMMING ACCESS LEVELS

Each Access Level is a combination of Access Control doors. For example, if option [1] in the First Screen is enabled in section [2601], Level 01 will allow access only to Door 01.

| Section | Level | Access to Doors (turn ON or OFF access): |                                 |                                |                                 |
|---------|-------|------------------------------------------|---------------------------------|--------------------------------|---------------------------------|
|         |       | First Screen<br>Doors 01 to 08           | Second Screen<br>Doors 09 to 16 | Third Screen<br>Doors 17 to 24 | Fourth Screen<br>Doors 25 to 32 |
| [2601]  | 01    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2602]  | 02    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2603]  | 03    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2604]  | 04    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2605]  | 05    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2606]  | 06    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2607]  | 07    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2608]  | 08    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2609]  | 09    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2610]  | 10    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2611]  | 11    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2612]  | 12    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2613]  | 13    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2614]  | 14    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |
| [2615]  | 15    | 1 2 3 4 5 6 7 8                          | 1 2 3 4 5 6 7 8                 | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8                 |

## HOLIDAY PROGRAMMING

When [H] is enabled in a schedule (refer to page 24), access is permitted to users during the days programmed in the sections below.

| Section | Month     | Days                          |                                |                               |                                |
|---------|-----------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|
|         |           | First Screen<br>Days 01 to 08 | Second Screen<br>Days 09 to 16 | Third Screen<br>Days 17 to 24 | Fourth Screen<br>Days 25 to 31 |
| [2701]  | January   | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 *                |
| [2702]  | February  | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 *                |
| [2703]  | March     | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 *                |
| [2704]  | April     | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 *                |
| [2705]  | May       | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 *                |
| [2706]  | June      | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 *                |
| [2707]  | July      | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 *                |
| [2708]  | August    | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 *                |
| [2709]  | September | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 8                | 1 2 3 4 5 6 7 8               | 1 2 3 4 5 6 7 *                |

| Section | Month    | Days                          |   |   |   |   |   |   |   |                                |   |   |   |   |   |   |   |                               |   |   |   |   |   |   |   |                                |   |   |   |   |   |   |   |
|---------|----------|-------------------------------|---|---|---|---|---|---|---|--------------------------------|---|---|---|---|---|---|---|-------------------------------|---|---|---|---|---|---|---|--------------------------------|---|---|---|---|---|---|---|
|         |          | First Screen<br>Days 01 to 08 |   |   |   |   |   |   |   | Second Screen<br>Days 09 to 16 |   |   |   |   |   |   |   | Third Screen<br>Days 17 to 24 |   |   |   |   |   |   |   | Fourth Screen<br>Days 25 to 31 |   |   |   |   |   |   |   |
| [2710]  | October  | 1                             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1                             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1                              | 2 | 3 | 4 | 5 | 6 | 7 | * |
| [2711]  | November | 1                             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1                             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1                              | 2 | 3 | 4 | 5 | 6 | 7 | * |
| [2712]  | December | 1                             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1                             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1                              | 2 | 3 | 4 | 5 | 6 | 7 | * |

## Keypad Numbering

Sections [2801] to [2832] are used solely for the purpose of identifying a keypad in the event buffer. Enter the 8-digit serial number of the keypad you wish to label as *keypad x* (1 to 32). The event buffer will then display any events pertaining to a keypad as *keypad 1* or *keypad 2*, etc.

| Section | Keypad #  | Serial Number                           | Section | Keypad #  | Serial Number                           | Section | Keypad #  | Serial Number                           |
|---------|-----------|-----------------------------------------|---------|-----------|-----------------------------------------|---------|-----------|-----------------------------------------|
| [2801]  | Keypad 1  | ____/____/____/____/____/____/____/____ | [2812]  | Keypad 12 | ____/____/____/____/____/____/____/____ | [2823]  | Keypad 23 | ____/____/____/____/____/____/____/____ |
| [2802]  | Keypad 2  | ____/____/____/____/____/____/____/____ | [2813]  | Keypad 13 | ____/____/____/____/____/____/____/____ | [2824]  | Keypad 24 | ____/____/____/____/____/____/____/____ |
| [2803]  | Keypad 3  | ____/____/____/____/____/____/____/____ | [2814]  | Keypad 14 | ____/____/____/____/____/____/____/____ | [2825]  | Keypad 25 | ____/____/____/____/____/____/____/____ |
| [2804]  | Keypad 4  | ____/____/____/____/____/____/____/____ | [2815]  | Keypad 15 | ____/____/____/____/____/____/____/____ | [2826]  | Keypad 26 | ____/____/____/____/____/____/____/____ |
| [2805]  | Keypad 5  | ____/____/____/____/____/____/____/____ | [2816]  | Keypad 16 | ____/____/____/____/____/____/____/____ | [2827]  | Keypad 27 | ____/____/____/____/____/____/____/____ |
| [2806]  | Keypad 6  | ____/____/____/____/____/____/____/____ | [2817]  | Keypad 17 | ____/____/____/____/____/____/____/____ | [2828]  | Keypad 28 | ____/____/____/____/____/____/____/____ |
| [2807]  | Keypad 7  | ____/____/____/____/____/____/____/____ | [2818]  | Keypad 18 | ____/____/____/____/____/____/____/____ | [2829]  | Keypad 29 | ____/____/____/____/____/____/____/____ |
| [2808]  | Keypad 8  | ____/____/____/____/____/____/____/____ | [2819]  | Keypad 19 | ____/____/____/____/____/____/____/____ | [2830]  | Keypad 30 | ____/____/____/____/____/____/____/____ |
| [2809]  | Keypad 9  | ____/____/____/____/____/____/____/____ | [2820]  | Keypad 20 | ____/____/____/____/____/____/____/____ | [2831]  | Keypad 31 | ____/____/____/____/____/____/____/____ |
| [2810]  | Keypad 10 | ____/____/____/____/____/____/____/____ | [2821]  | Keypad 21 | ____/____/____/____/____/____/____/____ | [2832]  | Keypad 32 | ____/____/____/____/____/____/____/____ |
| [2811]  | Keypad 11 | ____/____/____/____/____/____/____/____ | [2822]  | Keypad 22 | ____/____/____/____/____/____/____/____ |         |           |                                         |

## Control Panel Settings

| <b>Section</b> | <b>Data</b>                                                                                           | <b>Description</b>          | <b>Default</b> |
|----------------|-------------------------------------------------------------------------------------------------------|-----------------------------|----------------|
| [3001]         | _/_/_/ (147 = Locked, 000 = Unlocked)                                                                 | INSTALLER LOCK              | 000            |
| [3010]         | _____/_____/_____/_____/_____/_____/_____/_____/_____/_____/_____/_____/_____/_____/_____/_____/_____ | PC PHONE NUMBER (32 DIGITS) |                |
| [3011]         | _/_/_/_/                                                                                              | PANEL IDENTIFICATION        | 0000           |
| [3012]         | _/_/_/_/                                                                                              | PC PASSWORD                 | 0000           |
| [3020]         | ___/___                                                                                               | PANEL PARTITION (00 - 08)   | 00             |
| [3021]         | ___/___                                                                                               | TROUBLE SHUTDOWN (00 - 15)  | 00             |

## System Options

△ = Default setting

## SECTION [3030] : System Options 1

| Option |                                                  | OFF                                                                                                   | ON                                                                                                 |
|--------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| [1]    | <i>PGM 1 = 2-wire smoke detector input (255)</i> |  <b>Disabled</b>   | <input type="checkbox"/> Enabled                                                                   |
| [2]    | <i>No bell cut-off during fire alarm</i>         |  <b>Disabled</b>   | <input type="checkbox"/> Enabled                                                                   |
| [3]    | <i>Daylight saving time</i>                      | <input type="checkbox"/> Disabled                                                                     |  <b>Enabled</b> |
| [4]    | <i>Shabbat feature</i>                           |  <b>Disabled</b>   | <input type="checkbox"/> Enabled                                                                   |
| [5]    | <i>Battery charging current</i>                  |  <b>350mA</b>      | <input type="checkbox"/> 700mA                                                                     |
| [6]    | <i>AC failure not displayed as trouble</i>       |  <b>Disabled</b>   | <input type="checkbox"/> Enabled                                                                   |
| [7]    | <i>Clear bell limit trouble</i>                  |  <b>On restore</b> | <input type="checkbox"/> Manually                                                                  |
| [8]    | <i>Communication Bus Speed</i>                   |  <b>Normal</b>     | <input type="checkbox"/> High                                                                      |

## SECTION [3031] : Partition Options 1

| Option          | OFF                                          | ON                                          |
|-----------------|----------------------------------------------|---------------------------------------------|
| [1] Partition 1 | <input type="checkbox"/> Disabled            | <input checked="" type="checkbox"/> Enabled |
| [2] Partition 2 | <input checked="" type="checkbox"/> Disabled | <input type="checkbox"/> Enabled            |
| [3] Partition 3 | <input checked="" type="checkbox"/> Disabled | <input type="checkbox"/> Enabled            |
| [4] Partition 4 | <input checked="" type="checkbox"/> Disabled | <input type="checkbox"/> Enabled            |
| [5] Partition 5 | <input checked="" type="checkbox"/> Disabled | <input type="checkbox"/> Enabled            |
| [6] Partition 6 | <input checked="" type="checkbox"/> Disabled | <input type="checkbox"/> Enabled            |
| [7] Partition 7 | <input checked="" type="checkbox"/> Disabled | <input type="checkbox"/> Enabled            |
| [8] Partition 8 | <input checked="" type="checkbox"/> Disabled | <input type="checkbox"/> Enabled            |

**SECTION [3032] : Partition Options 2**

| Option                               | OFF                               | ON                               |
|--------------------------------------|-----------------------------------|----------------------------------|
| [1] Bell/siren output in partition 1 | <input type="checkbox"/> Disabled | △ <b>Enabled</b>                 |
| [2] Bell/siren output in partition 2 | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [3] Bell/siren output in partition 3 | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [4] Bell/siren output in partition 4 | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [5] Bell/siren output in partition 5 | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [6] Bell/siren output in partition 6 | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [7] Bell/siren output in partition 7 | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [8] Bell/siren output in partition 8 | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |

**SECTION [3034] : System Options 3**

| Option                                                                   | OFF                                                                      | ON                                                                       |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| [1]&[2] Wireless Transmitter Supervision Options (see table below)       | <input type="checkbox"/> See Table<br><input type="checkbox"/> See Table | <input type="checkbox"/> See Table<br><input type="checkbox"/> See Table |
| [3] Generate supervision failure if detected on a bypassed wireless zone | △ <b>Yes</b>                                                             | <input type="checkbox"/> No                                              |
| [4] Restrict arming on a wireless transmitter supervision failure        | △ <b>Disabled</b>                                                        | <input type="checkbox"/> Enabled                                         |
| [5]&[6] Zone & Module Tamper Recognition Options (see table below)       | <input type="checkbox"/> See Table<br><input type="checkbox"/> See Table | <input type="checkbox"/> See Table<br><input type="checkbox"/> See Table |
| [7] Generate tamper if detected on bypass zone                           | <input type="checkbox"/> Yes                                             | △ <b>No</b>                                                              |
| [8] Restrict arming on tamper trouble                                    | △ <b>Disabled</b>                                                        | <input type="checkbox"/> Enabled                                         |

**SECTION [3033] : System Options 2**

| Option                                         | OFF                               | ON                                |
|------------------------------------------------|-----------------------------------|-----------------------------------|
| [1] Multiple actions in user menu              | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled  |
| [2] User code length                           | △ <b>Fixed</b>                    | <input type="checkbox"/> Flexible |
| [3] User code length (if option [2] OFF)       | △ <b>4-digits</b>                 | <input type="checkbox"/> 6-digits |
| [4] Power save mode                            | <input type="checkbox"/> Disabled | △ <b>Enabled</b>                  |
| [5] Bypass not displayed while system is armed | <input type="checkbox"/> Disabled | △ <b>Enabled</b>                  |
| [6] Trouble Latch                              | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled  |
| [7] EOL resistor on hardwire zones             | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled  |
| [8] (ATZ) Zone Doubling                        | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled  |

**SECTION [3035] : Restrict Arming Options**

| Option                                           | OFF                          | ON                               |
|--------------------------------------------------|------------------------------|----------------------------------|
| [1] Restrict arming on AC failure                | △ <b>Disabled</b>            | <input type="checkbox"/> Enabled |
| [2] Restrict arming on battery failure           | △ <b>Disabled</b>            | <input type="checkbox"/> Enabled |
| [3] Restrict arming on bell or auxiliary failure | △ <b>Disabled</b>            | <input type="checkbox"/> Enabled |
| [4] Restrict arming on TLM failure               | △ <b>Disabled</b>            | <input type="checkbox"/> Enabled |
| [5] Restrict arming on module troubles           | △ <b>Disabled</b>            | <input type="checkbox"/> Enabled |
| [6] Future Use                                   | <input type="checkbox"/> N/A | <input type="checkbox"/> N/A     |
| [7] Transmit zone status on serial port          | △ <b>Disabled</b>            | <input type="checkbox"/> Enabled |
| [8] Serial Port Baud Rate                        | △ <b>19,200</b>              | <input type="checkbox"/> 38,400  |

**Wireless Transmitter Supervision Options**

(Section [3034]: options [1] &amp; [2])

| [1] | [2]                                                                                                   |
|-----|-------------------------------------------------------------------------------------------------------|
| OFF | OFF - <b>Disabled</b> (default)                                                                       |
| ON  | OFF - When disarmed: GENERATES TROUBLE ONLY<br>- When armed: Follows <i>Zone Alarm Types</i> (page 6) |
| OFF | ON - When disarmed: GENERATES SILENT ALARM<br>- When armed: Follows <i>Zone Alarm Types</i> (page 6)  |
| ON  | ON - When disarmed: GENERATES AUDIBLE ALARM<br>- When armed: Follows <i>Zone Alarm Types</i> (page 6) |

**Zone & Module Tamper Recognition Options**

(Section [3034]: options [5] &amp; [6])

| [5] | [6]                                                                                                   |
|-----|-------------------------------------------------------------------------------------------------------|
| OFF | OFF - <b>Disabled</b> (default)                                                                       |
| ON  | OFF - When disarmed: GENERATES TROUBLE ONLY<br>- When armed: Follows <i>Zone Alarm Types</i> (page 6) |
| OFF | ON - When disarmed: GENERATES SILENT ALARM<br>- When armed: Follows <i>Zone Alarm Types</i> (page 6)  |
| ON  | ON - When disarmed: GENERATES AUDIBLE ALARM<br>- When armed: Follows <i>Zone Alarm Types</i> (page 6) |

## Dialer Options

**SECTION [3036] : Dialer Options 1**

| Option                                                           | OFF                                                                      | ON                                                                       |
|------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| [1]&[2] Telephone Line Monitoring (TLM) - (see table on page 29) | <input type="checkbox"/> See Table<br><input type="checkbox"/> See Table | <input type="checkbox"/> See Table<br><input type="checkbox"/> See Table |
| [3] Dialer (reporting to monitoring station)                     | △ <b>Disabled</b>                                                        | <input type="checkbox"/> Enabled                                         |
| [4] Dialing method                                               | <input type="checkbox"/> Pulse                                           | △ <b>Tone (DTMF)</b>                                                     |
| [5] Pulse ratio<br>(E.U. = Europe; N.A. = North America)         | <input type="checkbox"/> 1:2 (E.U.)                                      | △ <b>1:1.5 (N.A.)</b>                                                    |
| [6] Busy tone detection                                          | <input type="checkbox"/> Disabled                                        | △ <b>Enabled</b>                                                         |
| [7] Switch to pulse dialing on 5 <sup>th</sup> attempt           | △ <b>Disabled</b>                                                        | <input type="checkbox"/> Enabled                                         |
| [8] Bell/siren upon communication failure if system is armed     | △ <b>Disabled</b>                                                        | <input type="checkbox"/> Enabled                                         |

**SECTION [3037] : Dialer Options 2**

| Option                                                  | OFF                                                                      | ON                                                                       |
|---------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| [1] Call back                                           | △ <b>Disabled</b>                                                        | <input type="checkbox"/> Enabled                                         |
| [2] Automatic event buffer transmission                 | △ <b>Disabled</b>                                                        | <input type="checkbox"/> Enabled                                         |
| [3]&[4] Hourly test transmission (see table on page 29) | <input type="checkbox"/> See Table<br><input type="checkbox"/> See Table | <input type="checkbox"/> See Table<br><input type="checkbox"/> See Table |
| [5] Keypad beep on successful arming/disarming report   | △ <b>Disabled</b>                                                        | <input type="checkbox"/> Enabled                                         |
| [6] Alternate Dialing                                   | △ <b>Disabled</b>                                                        | <input type="checkbox"/> Enabled                                         |
| [7] Dial Tone Delay (if no dial tone)                   | △ <b>Force dial</b>                                                      | <input type="checkbox"/> Hang-up                                         |
| [8] Report zone restore                                 | △ <b>Disabled</b>                                                        | <input type="checkbox"/> Enabled                                         |

ON = On zone closure; OFF = On bell cut-off

| Telephone Line Monitoring (TLM) Options<br>(Section [3036]; options [1] & [2]) |     |                                            |
|--------------------------------------------------------------------------------|-----|--------------------------------------------|
| [1]                                                                            | [2] |                                            |
| OFF                                                                            | OFF | Disabled (default)                         |
| OFF                                                                            | ON  | When armed: GENERATES AN AUDIBLE ALARM     |
| ON                                                                             | OFF | When armed: GENERATES A TROUBLE            |
| ON                                                                             | ON  | TLM silent alarm: BECOMES AN AUDIBLE ALARM |

| Hourly Test Transmission Options<br>(Section [3037]; options [3] & [4]) |     |                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [3]                                                                     | [4] |                                                                                                                                                                                                                           |
| OFF                                                                     | OFF | Transmit the test report code everytime the days programmed in section [3040] have elapsed at the time programmed in section [3041]. (default)                                                                            |
| ON                                                                      | ON  | <b>When disarmed:</b> Transmit test report code everytime the time programmed in section [3043] has elapsed.<br><b>When armed:</b> Transmit test report code everytime the time programmed in section [3042] has elapsed. |
| ON                                                                      | OFF | The control panel will transmit the test report code everytime the minutes programmed in section [3041] (the last two digits) have elapsed.                                                                               |

## Other Options

### SECTION [3038]: Access Control Options

△ = Default setting

| Option                                           | OFF         | ON                               |
|--------------------------------------------------|-------------|----------------------------------|
| [1] Access control feature                       | △ Disabled  | <input type="checkbox"/> Enabled |
| [2] Log "Request for Exit" in event buffer*      | △ Disabled  | <input type="checkbox"/> Enabled |
| [3] Log "Door Left Open Restore" in event buffer | △ Disabled  | <input type="checkbox"/> Enabled |
| [4] Log "Door Forced Restore" in event buffer    | △ Disabled  | <input type="checkbox"/> Enabled |
| [5] Burglar alarm on forced door                 | △ Disabled  | <input type="checkbox"/> Enabled |
| [6] Skip exit delay when arming with access card | △ Disabled  | <input type="checkbox"/> Enabled |
| [7] Burglar alarm on door left open              | △ Disabled  | <input type="checkbox"/> Enabled |
| [8] Who has access during clock loss             | △ All users | <input type="checkbox"/> Masters |



\* Since "Request for Exit" events can occur often, the Event Buffer may fill up quickly.

### SCHEDULE TOLERANCE WINDOW

| Section | Data                   | Description               | Default |
|---------|------------------------|---------------------------|---------|
| [3039]  | __/__/__ ( x 1 minute) | SCHEDULE TOLERANCE WINDOW | 000     |

### AUTO TEST REPORT SETTINGS

| Section | Data                                | Description                  | Default    |
|---------|-------------------------------------|------------------------------|------------|
| [3040]  | __/__/__ ( x 1 day; 000 = disabled) | AUTO TEST REPORT             | 000        |
| [3041]  | __/__:__ Hrs (00-23) & Mins (00-59) | AUTO TEST REPORT TIME OF DAY | 00 : 00    |
| [3042]  | __/__/__ (000 - 255 x 1 minute)     | ARMED REPORT DELAY           | 5 minutes  |
| [3043]  | __/__/__ (000 - 255 x 1 minute)     | DISARMED REPORT DELAY        | 60 minutes |

### TIMINGS

| Section | Data                                                                                                                                                                                                                     | Description                      | Default    |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------|
| [3050]  | __/__/__ (001 - 125, 128 - 253; 000 = Disabled)<br><small>Adding Values: 001 to 125 = [value] x [.008] (+0.008 to 1 sec.)<br/>Subtracting Values: 128 to 253 = [value] - [127] x [-.008] (-0.008 to -1.008 sec.)</small> | CLOCK COMPENSATION VALUE         | Disabled   |
| [3051]  | __/__/__ (000 - 255)                                                                                                                                                                                                     | RING COUNTER                     | 008        |
| [3052]  | __/__/__ (000 - 255 x 4 seconds)                                                                                                                                                                                         | ANSWERING MACHINE OVERRIDE DELAY | 32 seconds |
| [3053]  | __/__/__ (000 - 255 x 2 seconds)                                                                                                                                                                                         | TLM FAIL TIMER                   | 32 seconds |
| [3054]  | __/__/__ (000 - 127 x 1 second)                                                                                                                                                                                          | DELAY BETWEEN DIALING ATTEMPTS   | 20 seconds |
| [3055]  | __/__/__ (000 - 255 x 1 second; 000 = Instant Report)                                                                                                                                                                    | DELAY ALARM TRANSMISSION TIMER   | 000        |
| [3056]  | __/__/__ (000 - 255 x 1 attempt)                                                                                                                                                                                         | MAXIMUM DIALING ATTEMPTS         | 8 attempts |

60 seconds

30 minutes



| Section | Data - Hexa Value (0000 - FFFF)                  | Description                 | Default |
|---------|--------------------------------------------------|-----------------------------|---------|
| [3061]  | __/_/_/_/ (if less than 4 digits, press [ENTER]) | PARTITION 1: ACCOUNT NUMBER | 0000    |
| [3062]  | __/_/_/_/ (if less than 4 digits, press [ENTER]) | PARTITION 2: ACCOUNT NUMBER | 0000    |
| [3063]  | __/_/_/_/ (if less than 4 digits, press [ENTER]) | PARTITION 3: ACCOUNT NUMBER | 0000    |
| [3064]  | __/_/_/_/ (if less than 4 digits, press [ENTER]) | PARTITION 4: ACCOUNT NUMBER | 0000    |
| [3065]  | __/_/_/_/ (if less than 4 digits, press [ENTER]) | PARTITION 5: ACCOUNT NUMBER | 0000    |
| [3066]  | __/_/_/_/ (if less than 4 digits, press [ENTER]) | PARTITION 6: ACCOUNT NUMBER | 0000    |
| [3067]  | __/_/_/_/ (if less than 4 digits, press [ENTER]) | PARTITION 7: ACCOUNT NUMBER | 0000    |
| [3068]  | __/_/_/_/ (if less than 4 digits, press [ENTER]) | PARTITION 8: ACCOUNT NUMBER | 0000    |

## Section

## REPORTING FORMATS FOR TELEPHONE NUMBERS 1 TO 4

TEL# 1 Format

TEL# 2 Format

TEL# 3 Format

TEL# 4 Format

**Reporting Formats**

- 0- ADEMCO slow (1400Hz, 1900Hz, 10BPS)
- 1- Silent Knight fast (1400Hz, 1900Hz, 20BPS)
- 2- SESCOA (2300Hz, 1800Hz, 20BPS)
- 3- ADEMCO Express (DTMF 4+2)
- 4- Contact ID Pager
- 5- ADEMCO Contact ID
- 6- SIA FSK (Level 2)
- 7- Pager

### Description

[3071] \_\_\_\_\_ CENTRAL STATION/PAGER TELEPHONE #1

[3072] \_\_\_\_\_ CENTRAL STATION/PAGER TELEPHONE #2

[3073] \_\_\_\_\_ CENTRAL STATION/PAGER TELEPHONE #3

[3074] \_\_\_\_\_ CENTRAL STATION/PAGER TELEPHONE #4

|                    |                                                 |                                   |                                              |
|--------------------|-------------------------------------------------|-----------------------------------|----------------------------------------------|
| <b>[STAY]</b> = *  | <b>[ARM]</b> = Switch to Tone Dialing (T)       | <b>[BYP]</b> = 4-second pause (P) | <b>[TRBL]</b> = Delete                       |
| <b>[FORCE]</b> = # | <b>[DISARM]</b> = Wait for second dial tone (W) | <b>[MEM]</b> = Insert Space       | <b>[ACC]</b> = Delete from cursor to the end |

# System Event Call Direction

△ = Default setting

## SECTION [3080]: System Troubles & Trouble Restores

| Option                            | OFF                               | ON                               |
|-----------------------------------|-----------------------------------|----------------------------------|
| [1] <i>Call Telephone #1</i>      | <input type="checkbox"/> Disabled | △ <b>Enabled</b>                 |
| [2] <i>Call Telephone #2</i>      | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [3] <i>Call Telephone #3</i>      | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [4] <i>Call Telephone #4</i>      | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [5] <i>Backup on Telephone #1</i> | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [6] <i>Backup on Telephone #2</i> | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [7] <i>Backup on Telephone #3</i> | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [8] <i>Backup on Telephone #4</i> | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |

→ ENABLE ONLY ONE

## SECTION [3081]: Special Reporting

| Option                            | OFF                               | ON                               |
|-----------------------------------|-----------------------------------|----------------------------------|
| [1] <i>Call Telephone #1</i>      | <input type="checkbox"/> Disabled | △ <b>Enabled</b>                 |
| [2] <i>Call Telephone #2</i>      | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [3] <i>Call Telephone #3</i>      | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [4] <i>Call Telephone #4</i>      | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [5] <i>Backup on Telephone #1</i> | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [6] <i>Backup on Telephone #2</i> | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [7] <i>Backup on Telephone #3</i> | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |
| [8] <i>Backup on Telephone #4</i> | △ <b>Disabled</b>                 | <input type="checkbox"/> Enabled |

→ ENABLE ONLY ONE

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|                             |                             |                             |                             |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| SECTION [3101]: Partition 1 | SECTION [3201]: Partition 2 | SECTION [3301]: Partition 3 | SECTION [3401]: Partition 4 |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|

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| Section | Schedule | Intervals | Start Time (from) | End Time (to) | Days (turn 24 or 255) |
|---------|----------|-----------|-------------------|---------------|-----------------------|
|---------|----------|-----------|-------------------|---------------|-----------------------|

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| Section | Schedule | Intervals | Start Time (from) | End Time (to) | Days (turn 24 or 255) |
|---------|----------|-----------|-------------------|---------------|-----------------------|
|---------|----------|-----------|-------------------|---------------|-----------------------|

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## PARTITION TIMERS

| Description                                                                 | Partition 1 |             | Partition 2 |             | Partition 3 |             | Partition 4 |             | Partition 5 |             | Partition 6 |             | Partition 7 |             | Partition 8 |             |
|-----------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                                                             | Section     | Data        | Section     | Data        | Section     | Data        | Section     | Data        | Section     | Data        | Section     | Data        | Section     | Data        | Section     | Data        |
| Decimal Values from 000 to 255                                              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| Arming/Disarming Schedule Tolerance Window (Data x 1 minute; Default = 000) | [3104]      | ___/___/___ | [3204]      | ___/___/___ | [3304]      | ___/___/___ | [3404]      | ___/___/___ | [3504]      | ___/___/___ | [3604]      | ___/___/___ | [3704]      | ___/___/___ | [3804]      | ___/___/___ |
| # of Invalid Codes Before Lockout (Data x 1 attempt; Default = Disabled)    | [3105]      | ___/___/___ | [3205]      | ___/___/___ | [3305]      | ___/___/___ | [3405]      | ___/___/___ | [3505]      | ___/___/___ | [3605]      | ___/___/___ | [3705]      | ___/___/___ | [3805]      | ___/___/___ |
| Keypad Lockout Duration (Data x 1 minute; Default = Report Only)            | [3106]      | ___/___/___ | [3206]      | ___/___/___ | [3306]      | ___/___/___ | [3406]      | ___/___/___ | [3506]      | ___/___/___ | [3606]      | ___/___/___ | [3706]      | ___/___/___ | [3806]      | ___/___/___ |
| No Movement Timer (Data x 15 minutes; Default = Disabled)                   | [3107]      | ___/___/___ | [3207]      | ___/___/___ | [3307]      | ___/___/___ | [3407]      | ___/___/___ | [3507]      | ___/___/___ | [3607]      | ___/___/___ | [3707]      | ___/___/___ | [3807]      | ___/___/___ |
| Exit Delay Timer (Data x 1 second; Default = 060 seconds)                   | [3108]      | ___/___/___ | [3208]      | ___/___/___ | [3308]      | ___/___/___ | [3408]      | ___/___/___ | [3508]      | ___/___/___ | [3608]      | ___/___/___ | [3708]      | ___/___/___ | [3808]      | ___/___/___ |
| Recent Closing Delay (Data x 1 second; Default = Disabled)                  | [3109]      | ___/___/___ | [3209]      | ___/___/___ | [3309]      | ___/___/___ | [3409]      | ___/___/___ | [3509]      | ___/___/___ | [3609]      | ___/___/___ | [3709]      | ___/___/___ | [3809]      | ___/___/___ |
| Intellizone Delay (Data x 1 second; Default = 010 seconds)                  | [3110]      | ___/___/___ | [3210]      | ___/___/___ | [3310]      | ___/___/___ | [3410]      | ___/___/___ | [3510]      | ___/___/___ | [3610]      | ___/___/___ | [3710]      | ___/___/___ | [3810]      | ___/___/___ |
| Entry Delay 1 (Data x 1 second; Default = 030 seconds)                      | [3111]      | ___/___/___ | [3211]      | ___/___/___ | [3311]      | ___/___/___ | [3411]      | ___/___/___ | [3511]      | ___/___/___ | [3611]      | ___/___/___ | [3711]      | ___/___/___ | [3811]      | ___/___/___ |
| Entry Delay 2 (Data x 1 second; Default = 060 seconds)                      | [3112]      | ___/___/___ | [3212]      | ___/___/___ | [3312]      | ___/___/___ | [3412]      | ___/___/___ | [3512]      | ___/___/___ | [3612]      | ___/___/___ | [3712]      | ___/___/___ | [3812]      | ___/___/___ |
| Bell Cut-off Timer (Data x 1 minute; Default = 4 minutes)                   | [3113]      | ___/___/___ | [3213]      | ___/___/___ | [3313]      | ___/___/___ | [3413]      | ___/___/___ | [3513]      | ___/___/___ | [3613]      | ___/___/___ | [3713]      | ___/___/___ | [3813]      | ___/___/___ |
| Auto Zone Shutdown (000 to 015 zones; Default = Disabled)                   | [3114]      | ___/___/___ | [3214]      | ___/___/___ | [3314]      | ___/___/___ | [3414]      | ___/___/___ | [3514]      | ___/___/___ | [3614]      | ___/___/___ | [3714]      | ___/___/___ | [3814]      | ___/___/___ |
| Max. # of Zones that can be Bypassed (Data x 1 zone; Default = unlimited)   | [3115]      | ___/___/___ | [3215]      | ___/___/___ | [3315]      | ___/___/___ | [3415]      | ___/___/___ | [3515]      | ___/___/___ | [3615]      | ___/___/___ | [3715]      | ___/___/___ | [3815]      | ___/___/___ |
| Recycle Delay (Data x 1 minute; Default = Disabled)                         | [3116]      | ___/___/___ | [3216]      | ___/___/___ | [3316]      | ___/___/___ | [3416]      | ___/___/___ | [3516]      | ___/___/___ | [3616]      | ___/___/___ | [3716]      | ___/___/___ | [3816]      | ___/___/___ |
| Number of Recycles (Data x 1 attempt; Default = unlimited)                  | [3117]      | ___/___/___ | [3217]      | ___/___/___ | [3317]      | ___/___/___ | [3417]      | ___/___/___ | [3517]      | ___/___/___ | [3617]      | ___/___/___ | [3717]      | ___/___/___ | [3817]      | ___/___/___ |
| Police Code Timer (Data x 1 minute; Default = Disabled)                     | [3118]      | ___/___/___ | [3218]      | ___/___/___ | [3318]      | ___/___/___ | [3418]      | ___/___/___ | [3518]      | ___/___/___ | [3618]      | ___/___/___ | [3718]      | ___/___/___ | [3818]      | ___/___/___ |
| Closing Delinquency Timer (Data x 1 day; Default = Disabled)                | [3119]      | ___/___/___ | [3219]      | ___/___/___ | [3319]      | ___/___/___ | [3419]      | ___/___/___ | [3519]      | ___/___/___ | [3619]      | ___/___/___ | [3719]      | ___/___/___ | [3819]      | ___/___/___ |

## PARTITION OPTIONS 1

### SECTION [3121] : Partition 1

| Option | ( $\Delta$ = Default Setting)                | OFF<br>Disabled | ON<br>Enabled            |
|--------|----------------------------------------------|-----------------|--------------------------|
| [1]    | Switch to Stay Arm (if no Delay zone opened) | $\Delta$        | <input type="checkbox"/> |
| [2]    | Arm/Disarm with Partition 2                  | $\Delta$        | <input type="checkbox"/> |
| [3]    | Arm/Disarm with Partition 3                  | $\Delta$        | <input type="checkbox"/> |
| [4]    | Arm/Disarm with Partition 4                  | $\Delta$        | <input type="checkbox"/> |
| [5]    | Arm/Disarm with Partition 5                  | $\Delta$        | <input type="checkbox"/> |
| [6]    | Arm/Disarm with Partition 6                  | $\Delta$        | <input type="checkbox"/> |
| [7]    | Arm/Disarm with Partition 7                  | $\Delta$        | <input type="checkbox"/> |
| [8]    | Arm/Disarm with Partition 8                  | $\Delta$        | <input type="checkbox"/> |

### SECTION [3221] : Partition 2

| Option | ( $\Delta$ = Default Setting)                | OFF<br>Disabled | ON<br>Enabled            |
|--------|----------------------------------------------|-----------------|--------------------------|
| [1]    | Arm/Disarm with Partition 1                  | $\Delta$        | <input type="checkbox"/> |
| [2]    | Switch to Stay Arm (if no Delay zone opened) | $\Delta$        | <input type="checkbox"/> |
| [3]    | Arm/Disarm with Partition 3                  | $\Delta$        | <input type="checkbox"/> |
| [4]    | Arm/Disarm with Partition 4                  | $\Delta$        | <input type="checkbox"/> |
| [5]    | Arm/Disarm with Partition 5                  | $\Delta$        | <input type="checkbox"/> |
| [6]    | Arm/Disarm with Partition 6                  | $\Delta$        | <input type="checkbox"/> |
| [7]    | Arm/Disarm with Partition 7                  | $\Delta$        | <input type="checkbox"/> |
| [8]    | Arm/Disarm with Partition 8                  | $\Delta$        | <input type="checkbox"/> |

### SECTION [3321] : Partition 3

| Option | ( $\Delta$ = Default Setting)                | OFF<br>Disabled | ON<br>Enabled            |
|--------|----------------------------------------------|-----------------|--------------------------|
| [1]    | Arm/Disarm with Partition 1                  | $\Delta$        | <input type="checkbox"/> |
| [2]    | Arm/Disarm with Partition 2                  | $\Delta$        | <input type="checkbox"/> |
| [3]    | Switch to Stay Arm (if no Delay zone opened) | $\Delta$        | <input type="checkbox"/> |
| [4]    | Arm/Disarm with Partition 4                  | $\Delta$        | <input type="checkbox"/> |
| [5]    | Arm/Disarm with Partition 5                  | $\Delta$        | <input type="checkbox"/> |
| [6]    | Arm/Disarm with Partition 6                  | $\Delta$        | <input type="checkbox"/> |
| [7]    | Arm/Disarm with Partition 7                  | $\Delta$        | <input type="checkbox"/> |
| [8]    | Arm/Disarm with Partition 8                  | $\Delta$        | <input type="checkbox"/> |

#### SECTION [3421] : Partition 4

| Option | ( $\Delta$ = Default Setting)                | OFF<br>Disabled | ON<br>Enabled            |
|--------|----------------------------------------------|-----------------|--------------------------|
| [1]    | Arm/Disarm with Partition 1                  | $\Delta$        | <input type="checkbox"/> |
| [2]    | Arm/Disarm with Partition 2                  | $\Delta$        | <input type="checkbox"/> |
| [3]    | Arm/Disarm with Partition 3                  | $\Delta$        | <input type="checkbox"/> |
| [4]    | Switch to Stay Arm (if no Delay zone opened) | $\Delta$        | <input type="checkbox"/> |
| [5]    | Arm/Disarm with Partition 5                  | $\Delta$        | <input type="checkbox"/> |
| [6]    | Arm/Disarm with Partition 6                  | $\Delta$        | <input type="checkbox"/> |
| [7]    | Arm/Disarm with Partition 7                  | $\Delta$        | <input type="checkbox"/> |
| [8]    | Arm/Disarm with Partition 8                  | $\Delta$        | <input type="checkbox"/> |

#### SECTION [3521] : Partition 5

| Option | ( $\Delta$ = Default Setting)                | OFF<br>Disabled | ON<br>Enabled            |
|--------|----------------------------------------------|-----------------|--------------------------|
| [1]    | Arm/Disarm with Partition 1                  | $\Delta$        | <input type="checkbox"/> |
| [2]    | Arm/Disarm with Partition 2                  | $\Delta$        | <input type="checkbox"/> |
| [3]    | Arm/Disarm with Partition 3                  | $\Delta$        | <input type="checkbox"/> |
| [4]    | Arm/Disarm with Partition 4                  | $\Delta$        | <input type="checkbox"/> |
| [5]    | Switch to Stay Arm (if no Delay zone opened) | $\Delta$        | <input type="checkbox"/> |
| [6]    | Arm/Disarm with Partition 6                  | $\Delta$        | <input type="checkbox"/> |
| [7]    | Arm/Disarm with Partition 7                  | $\Delta$        | <input type="checkbox"/> |
| [8]    | Arm/Disarm with Partition 8                  | $\Delta$        | <input type="checkbox"/> |

#### SECTION [3621] : Partition 6

| Option | ( $\Delta$ = Default Setting)                | OFF<br>Disabled | ON<br>Enabled            |
|--------|----------------------------------------------|-----------------|--------------------------|
| [1]    | Arm/Disarm with Partition 1                  | $\Delta$        | <input type="checkbox"/> |
| [2]    | Arm/Disarm with Partition 2                  | $\Delta$        | <input type="checkbox"/> |
| [3]    | Arm/Disarm with Partition 3                  | $\Delta$        | <input type="checkbox"/> |
| [4]    | Arm/Disarm with Partition 4                  | $\Delta$        | <input type="checkbox"/> |
| [5]    | Arm/Disarm with Partition 5                  | $\Delta$        | <input type="checkbox"/> |
| [6]    | Switch to Stay Arm (if no Delay zone opened) | $\Delta$        | <input type="checkbox"/> |
| [7]    | Arm/Disarm with Partition 7                  | $\Delta$        | <input type="checkbox"/> |
| [8]    | Arm/Disarm with Partition 8                  | $\Delta$        | <input type="checkbox"/> |

#### SECTION [3721] : Partition 7

| Option | ( $\Delta$ = Default Setting)                | OFF<br>Disabled | ON<br>Enabled            |
|--------|----------------------------------------------|-----------------|--------------------------|
| [1]    | Arm/Disarm with Partition 1                  | $\Delta$        | <input type="checkbox"/> |
| [2]    | Arm/Disarm with Partition 2                  | $\Delta$        | <input type="checkbox"/> |
| [3]    | Arm/Disarm with Partition 3                  | $\Delta$        | <input type="checkbox"/> |
| [4]    | Arm/Disarm with Partition 4                  | $\Delta$        | <input type="checkbox"/> |
| [5]    | Arm/Disarm with Partition 5                  | $\Delta$        | <input type="checkbox"/> |
| [6]    | Arm/Disarm with Partition 6                  | $\Delta$        | <input type="checkbox"/> |
| [7]    | Switch to Stay Arm (if no Delay zone opened) | $\Delta$        | <input type="checkbox"/> |
| [8]    | Arm/Disarm with Partition 8                  | $\Delta$        | <input type="checkbox"/> |

#### SECTION [3821] : Partition 8

| Option | ( $\Delta$ = Default Setting)                | OFF<br>Disabled | ON<br>Enabled            |
|--------|----------------------------------------------|-----------------|--------------------------|
| [1]    | Arm/Disarm with Partition 1                  | $\Delta$        | <input type="checkbox"/> |
| [2]    | Arm/Disarm with Partition 2                  | $\Delta$        | <input type="checkbox"/> |
| [3]    | Arm/Disarm with Partition 3                  | $\Delta$        | <input type="checkbox"/> |
| [4]    | Arm/Disarm with Partition 4                  | $\Delta$        | <input type="checkbox"/> |
| [5]    | Arm/Disarm with Partition 5                  | $\Delta$        | <input type="checkbox"/> |
| [6]    | Arm/Disarm with Partition 6                  | $\Delta$        | <input type="checkbox"/> |
| [7]    | Arm/Disarm with Partition 7                  | $\Delta$        | <input type="checkbox"/> |
| [8]    | Switch to Stay Arm (if no Delay zone opened) | $\Delta$        | <input type="checkbox"/> |

### PARTITION ARMING/DISARMING OPTIONS

| Option | ( $\Delta$ = Default Setting)                                     | Partition 1<br>[3122] | Partition 2<br>[3222] | Partition 3<br>[3322] | Partition 4<br>[3422] | Partition 5<br>[3522] | Partition 6<br>[3622] | Partition 7<br>[3722] | Partition 8<br>[3822] |
|--------|-------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| [1]    | Timed Auto-Arming                                                 | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              |
| [2]    | "No Movement" Auto-Arming                                         | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              |
| [3]    | Arming method for Auto Arm (OFF = Force Arming; ON = Stay Arming) | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              |
| [4]    | Exit Delay Termination                                            | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              |
| [5]    | Enable Arming Report Schedule                                     | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              |
| [6]    | Enable Disarming Report Schedule                                  | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              |
| [7]    | Future Use                                                        | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   |
| [8]    | Follow zone switches to Entry Delay 2 when delay zone is bypassed | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              | $\Delta$              |

## PARTITION PANIC ALARM OPTIONS

| Option                                                             | (△ = Default Setting) |                       |                       |                       |                       |                       |                       |                       |
|--------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                                                    | Partition 1<br>[3123] | Partition 2<br>[3223] | Partition 3<br>[3323] | Partition 4<br>[3423] | Partition 5<br>[3523] | Partition 6<br>[3623] | Partition 7<br>[3723] | Partition 8<br>[3823] |
| [1] Panic 1 (Keys 1 & 3)                                           | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 |
| [2] Panic 2 (Keys 4 & 6)                                           | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [3] Panic 3 (Keys 7 & 9)                                           | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [4] Panic 1 Alarm Type (OFF = Report Only; ON = Audible Alarm)     | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [5] Panic 2 Alarm Type (OFF = Report Only; ON = Audible Alarm)     | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [6] Panic 3 Alarm Type (OFF = Report Only; ON = Fire Alarm)        | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [7] Report Disarming Options (OFF = Always; ON = Only After Alarm) | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [8] Future Use                                                     | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   |

## PARTITION BELL SQUAWK OPTIONS

| Option                                              | (△ = Default Setting) |                       |                       |                       |                       |                       |                       |                       |
|-----------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                                     | Partition 1<br>[3124] | Partition 2<br>[3224] | Partition 3<br>[3324] | Partition 4<br>[3424] | Partition 5<br>[3524] | Partition 6<br>[3624] | Partition 7<br>[3724] | Partition 8<br>[3824] |
| [1] Bell Squawk upon Disarming                      | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 |
| [2] Bell Squawk upon Arming                         | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [3] Bell Squawk upon Auto-arming                    | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [4] Bell Squawk during Exit Delay                   | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [5] Bell Squawk during Entry Delay                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [6] Bell Squawk upon Remote Arming/Disarming        | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [7] Ring Back: Bell Squawk if Disarmed after Alarm  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [8] Ring Back: Keypad beeps if Disarmed after Alarm | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |

## PARTITION ONE-TOUCH OPTIONS

| Option                                            | (△ = Default Setting) |                       |                       |                       |                       |                       |                       |                       |
|---------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                                   | Partition 1<br>[3125] | Partition 2<br>[3225] | Partition 3<br>[3325] | Partition 4<br>[3425] | Partition 5<br>[3525] | Partition 6<br>[3625] | Partition 7<br>[3725] | Partition 8<br>[3825] |
| [1] One-touch Regular Arming*                     | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 | OFF △                 |
| [2] One-touch Stay Arming*                        | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [3] One-touch Instant Arming*                     | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [4] One-touch Force Arming*                       | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [5] One-touch Stay or Instant Disarming*          | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [6] One-touch Bypass Programming*                 | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [7] One-touch Event Display*                      | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |
| [8] No Exit Delay when Arming with remote control | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  | ON △                  |

**!** \* If a keypad is assigned to more than one partition, the one-touch feature must be enabled in all the keypad's assigned partitions. Example: To enable the one-touch Regular Arming feature of a keypad assigned to partitions 1, 2 and 5, enable sections [3125] option [1], [3225] option [1] and [3525] option [1].

### PARTITION ARMING / DISARMING EVENT CALL DIRECTION

| Option | (△ = Default Setting)        | Partition 1<br>[3127] |    | Partition 2<br>[3227] |    | Partition 3<br>[3327] |    | Partition 4<br>[3427] |    | Partition 5<br>[3527] |    | Partition 6<br>[3627] |    | Partition 7<br>[3727] |    | Partition 8<br>[3827] |    |
|--------|------------------------------|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|
|        |                              | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON |
| [1]    | Call Telephone Number 1      | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  |
| [2]    | Call Telephone Number 2      | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [3]    | Call Telephone Number 3      | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [4]    | Call Telephone Number 4      | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [5]    | Backup on Telephone Number 1 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [6]    | Backup on Telephone Number 2 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [7]    | Backup on Telephone Number 3 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [8]    | Backup on Telephone Number 4 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |

→ ENABLE ONLY ONE

### PARTITION ALARM / ALARM RESTORE EVENT CALL DIRECTION

| Option | (△ = Default Setting)        | Partition 1<br>[3128] |    | Partition 2<br>[3228] |    | Partition 3<br>[3328] |    | Partition 4<br>[3428] |    | Partition 5<br>[3528] |    | Partition 6<br>[3628] |    | Partition 7<br>[3728] |    | Partition 8<br>[3828] |    |
|--------|------------------------------|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|
|        |                              | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON |
| [1]    | Call Telephone Number 1      | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  |
| [2]    | Call Telephone Number 2      | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [3]    | Call Telephone Number 3      | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [4]    | Call Telephone Number 4      | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [5]    | Backup on Telephone Number 1 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [6]    | Backup on Telephone Number 2 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [7]    | Backup on Telephone Number 3 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [8]    | Backup on Telephone Number 4 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |

→ ENABLE ONLY ONE

### PARTITION TAMPER / TAMPER RESTORE EVENT CALL DIRECTION

| Option | (△ = Default Setting)        | Partition 1<br>[3129] |    | Partition 2<br>[3229] |    | Partition 3<br>[3329] |    | Partition 4<br>[3429] |    | Partition 5<br>[3529] |    | Partition 6<br>[3629] |    | Partition 7<br>[3729] |    | Partition 8<br>[3829] |    |
|--------|------------------------------|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|
|        |                              | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON | OFF                   | ON |
| [1]    | Call Telephone Number 1      | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  | □                     | △  |
| [2]    | Call Telephone Number 2      | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [3]    | Call Telephone Number 3      | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [4]    | Call Telephone Number 4      | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [5]    | Backup on Telephone Number 1 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [6]    | Backup on Telephone Number 2 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [7]    | Backup on Telephone Number 3 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |
| [8]    | Backup on Telephone Number 4 | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  | △                     | □  |

→ ENABLE ONLY ONE

# Special and Trouble Report Codes

Ademco slow, Silent Knight fast, SESCOA, Ademco express or Pager formats: Key-in desired 2-digit hexa values from 00 to FF.

## Ademco format:

Use sections [4034] (*Special System Report Codes*), [4035] (*Special Arming/Disarming Report Codes*), [4036] (*Special Alarm Report Codes*) and [4037] (*Trouble/Trouble Restore Report Codes*) to program a set of default Ademco report codes from the “Automatic Report Code Programming” on page 39. Then to program the remaining report codes or to change some of the defaults, enter the individual sections and key-in the desired 2-digit hexa value found in the “Contact ID Report Code List” on page 42.

## SIA format:

Use sections [4034] (*Special System Report Codes*), [4035] (*Special Arming/Disarming Report Codes*), [4036] (*Special Alarm Report Codes*) and [4037] (*Trouble/Trouble Restore Report Codes*) to program a set of SIA report codes from the “Automatic Report Code Programming” on page 39. Codes that have not been set to default can be set to default manually by entering FF in the appropriate section. To disable the reporting of an event, enter 00 in the appropriate section.

## SPECIAL SYSTEM REPORT CODES

| Section | Report Code                             |
|---------|-----------------------------------------|
| [3900]  | ___/___ Power up after total power down |
| [3901]  | ___/___ Software reset (Watchdog)       |
| [3902]  | ___/___ Test Report                     |
| [3903]  | Future Use                              |
| [3904]  | Future Use                              |
| [3905]  | ___/___ WinLoad Log Off                 |
| [3906]  | ___/___ Installer In                    |
| [3907]  | ___/___ Installer Out                   |
| [3908]  | Future Use                              |
| [3909]  | Future Use                              |

## SPECIAL ALARM REPORT CODES

| Section | Report Code             |
|---------|-------------------------|
| [3930]  | ___/___ Emergency Panic |
| [3931]  | ___/___ Auxiliary Panic |
| [3932]  | ___/___ Fire Panic      |
| [3933]  | ___/___ Recent Closing  |
| [3934]  | ___/___ Police Code     |
| [3935]  | ___/___ Zone Shutdown   |
| [3936]  | ___/___ Duress          |
| [3937]  | ___/___ Keypad Lockout  |
| [3938]  | Future Use              |
| [3939]  | Future Use              |

## SPECIAL ARMING REPORT CODES

| Section | Report Code                                                            |
|---------|------------------------------------------------------------------------|
| [3910]  | ___/___ Auto-arming                                                    |
| [3911]  | ___/___ PC Arming                                                      |
| [3912]  | ___/___ Late to Close (Auto-arming)                                    |
| [3913]  | ___/___ No Movement                                                    |
| [3914]  | ___/___ Partial Arming                                                 |
| [3915]  | ___/___ Quick Arming                                                   |
| [3916]  | ___/___ Early to Close (refer to “Arming Report Schedules” on page 32) |
| [3917]  | ___/___ Late to Close (refer to “Arming Report Schedules” on page 32)  |
| [3918]  | ___/___ Remote Arming (APR3-ADM2)                                      |
| [3919]  | ___/___ Closing Delinquency                                            |

## TROUBLE REPORT CODES

| Section | Report Code                                      |
|---------|--------------------------------------------------|
| [3940]  | ___/___ TLM1 Failure                             |
| [3941]  | ___/___ AC Failure                               |
| [3942]  | ___/___ Battery Failure                          |
| [3943]  | ___/___ Auxiliary Supply                         |
| [3944]  | ___/___ Bell Output (Disconnected or overload)   |
| [3945]  | ___/___ Clock Loss                               |
| [3946]  | ___/___ Fire Loop Trouble                        |
| [3947]  | Future Use                                       |
| [3948]  | Future Use                                       |
| [3949]  | Future Use                                       |
| [3950]  | ___/___ Bus Fault                                |
| [3951]  | ___/___ Module Tamper                            |
| [3952]  | ___/___ ROM Check Error                          |
| [3953]  | ___/___ Module TLM                               |
| [3954]  | ___/___ Module Failure to Communicate            |
| [3955]  | ___/___ Printer Fault                            |
| [3956]  | ___/___ Module AC Failure                        |
| [3957]  | ___/___ Module Battery Failure                   |
| [3958]  | ___/___ Module Auxiliary Failure                 |
| [3959]  | Future Use                                       |
| [3960]  | ___/___ Wireless Transmitter Battery Low         |
| [3961]  | ___/___ Wireless Transmitter Supervision Trouble |
| [3962]  | Future Use                                       |
| [3963]  | Future Use                                       |
| [3964]  | Future Use                                       |
| [3965]  | ___/___ Phone Number 1 Fail to Communicate       |

## SPECIAL DISARMING REPORT CODES

| Section | Report Code                                                              |
|---------|--------------------------------------------------------------------------|
| [3920]  | ___/___ Cancel Auto-arm                                                  |
| [3921]  | ___/___ Quick Disarm                                                     |
| [3922]  | ___/___ PC Disarming                                                     |
| [3923]  | ___/___ PC Disarming after alarm                                         |
| [3924]  | ___/___ Cancel Code                                                      |
| [3925]  | Future Use                                                               |
| [3926]  | ___/___ Early to Open (refer to “Disarming Report Schedules” on page 32) |
| [3927]  | ___/___ Late to Open (refer to “Disarming Report Schedules” on page 32)  |
| [3928]  | ___/___ Remote Disarming (APR3-ADM2)                                     |
| [3929]  | Future Use                                                               |

[3966] \_\_\_/\_\_\_ Phone Number 2 Fail to Communicate  
 [3967] \_\_\_/\_\_\_ Phone Number 3 Fail to Communicate  
 [3968] \_\_\_/\_\_\_ Phone Number 4 Fail to Communicate  
 [3969] Future Use

[3978] Future Use  
 [3979] Future Use  
 [3980] \_\_\_/\_\_\_ Bus Fault Restore  
 [3981] \_\_\_/\_\_\_ Module Tamper Restore  
 [3982] \_\_\_/\_\_\_ ROM Check Error Restore  
 [3983] \_\_\_/\_\_\_ Module TLM Restore  
 [3984] \_\_\_/\_\_\_ Module Failure to Communicate Restore  
 [3985] \_\_\_/\_\_\_ Printer Fault Restore  
 [3986] \_\_\_/\_\_\_ Module AC Failure Restore  
 [3987] \_\_\_/\_\_\_ Module Battery Failure Restore  
 [3988] \_\_\_/\_\_\_ Module Auxiliary Failure Restore  
 [3989] Future Use  
 [3990] \_\_\_/\_\_\_ Wireless Transmitter Battery Low Restore  
 [3991] \_\_\_/\_\_\_ Wireless Transmitter Supervision Trouble Restore

## TROUBLE RESTORE REPORT CODES

### Section Report Code

[3970] \_\_\_/\_\_\_ TLM1 Restore  
 [3971] \_\_\_/\_\_\_ AC Failure Restore  
 [3972] \_\_\_/\_\_\_ Battery Failure Restore  
 [3973] \_\_\_/\_\_\_ Auxiliary Supply Restore  
 [3974] \_\_\_/\_\_\_ Bell Output (Reconnected or Restored)  
 [3975] \_\_\_/\_\_\_ Clock Loss Restore  
 [3976] \_\_\_/\_\_\_ Fire Loop Trouble Restore  
 [3977] Future Use

# Other Settings and Modes

### Section Description

[4000] **Display Serial Number of Control Panel and All Modules Connected to the Communication Bus:**  
 After entering section [4000], the keypad will display the 8-digit serial number of the control panel. Use the [▲] and [▼] keys to scroll through the serial number of each module connected to the communication bus.

[4001] **Module Reset:**  
 Reset a module's programmed contents to default by entering its serial number.

[4002] **Locate/Unlocate Module:**  
 Locate a specific module (e.g. detector, zone expander, etc.) connected to the communication bus by entering the module's serial number. The green "LOCATE" LED on the module will begin to flash until the serial number is re-entered or the appropriate "tamper" or "unlocate" switch on the module is pressed.

[4003] **Module Programming Mode:**  
 Enter the serial number of the module you wish to program.

[4004] **Module Broadcast:**  
 Copy the contents of all programming sections from one module to one or more modules of the same type. Enter the serial number of the source module, followed by the serial numbers of the modules you wish to program and press [Acc] to begin transfer.

**Label Broadcast:**  
 Copy user, door and partition labels from the control panel to all keypads and printer modules connected to the communication bus. To transmit the labels, in section [4004], enter the control panel's serial number. From the Destination screen, do not enter a serial number, press the [Acc] button.

**PLEASE NOTE: The Module and Label Broadcast feature will only work when a module is broadcasting its data to a module or to modules of the same type and model number. For example, an APR-PRT1 (Printer Module) cannot broadcast to an APR3-PRT1. Likewise, a DGP module cannot broadcast to a DGP2 module.**

[4005] **Remove Modules:**  
 After entering the section, the control panel will scan all modules connected to the communication bus. If any missing modules are detected (i.e. detector removed from the communication bus), the control panel will erase the module's serial number, removing the module from the control panel's memory.

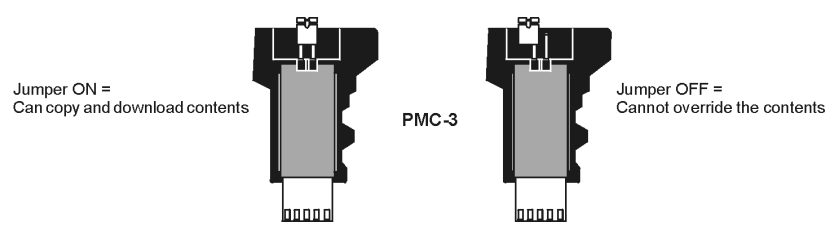
## PARADOX MEMORY CARD (PMC-3)

[4010] Download from the *Memory Key* to the control panel **except** sections [0001] to [0096] and [0501] to [0532].

[4011] Download from the *Memory Key* to control panel **including** sections [0001] to [0096] and [0501] to [0532].

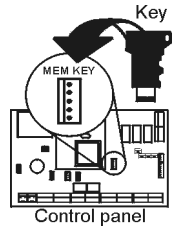
[4020] Copy the control panel sections to the *Memory Key* **except** sections [0001] to [0096] and [0501] to [0532].

[4021] Copy the control panel sections to the *Memory Key* **including** sections [0001] to [0096] and [0501] to [0532].



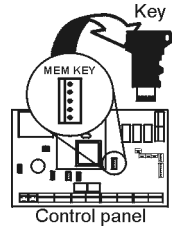
### Download Memory Key to Control Panel.

- 1) Insert the *Memory Key* (PMC-3) onto the control panel's connector labelled "MEM KEY".
- 2) To download the contents of the *Memory Key* **except** sections [0001] to [0096] and [0501] to [0532], enter installer programming mode and then enter section [4010].  
To download the contents of the *Memory Key* **including** sections [0001] to [0096] and [0501] to [0532], enter installer programming mode and then enter section [4011].
- 3) When the keypad emits a confirmation beep, remove the *Memory Key*.



### Copy Control Panel to Memory Key

- 1) Insert *Memory Key* (PMC-3) onto the control panel's connector labelled "MEM KEY". Ensure the write protect jumper on the memory key is on.
- 2) To copy the contents to the *Memory Key* **except** sections [0001] to [0096] and [0501] to [0532], enter installer programming mode, then enter section [4020].  
To copy the contents to the *Memory Key* **including** sections [0001] to [0096] and [0501] to [0532], enter section [4021].
- 3) After the confirmation beep, remove the *Memory Key*. Remove the *Memory Key*'s jumper if you do not wish to accidentally overwrite its contents.



## AUTOMATIC REPORT CODE PROGRAMMING

When using Contact ID or SIA Reporting formats (section [3070] on page 30), default report codes can be programmed automatically. After automatic defaults are set, they can be changed and the remaining report codes can be set manually.

| Section | Description                                                                                                                                                                                                                                                                                                                   |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [4030]  | ALL REPORT CODES RESET TO 00<br><br>Resets all the report codes from sections [0201] to [0296], [0701] to [0832], [2001] to [2199] and [3900] to [3999] to 00.<br><br>Sections [4031] to [4037] reset all the report codes in the following sections to the default values from the "Automatic Report Codes List" on page 40: |
| [4031]  | ALL REPORT CODES RESET TO FF [0201] to [0296], [0701] to [0832], [2001] to [2199] & [3900] to [3999]                                                                                                                                                                                                                          |
| [4032]  | ZONE ALARM/ALARM RESTORE AND ZONE TAMPER/TAMPER [0201] to [0296]<br>RESTORE REPORT CODES                                                                                                                                                                                                                                      |
| [4033]  | USER/KEYSWITCH ARMING & DISARMING REPORT CODES [0701] to [0832], and [2001] to [2199]                                                                                                                                                                                                                                         |
| [4034]  | SPECIAL CODES [3900] to [3909]                                                                                                                                                                                                                                                                                                |
| [4035]  | SPECIAL ARMING/DISARMING REPORT CODES [3910] to [3929]                                                                                                                                                                                                                                                                        |
| [4036]  | SPECIAL ALARM REPORT CODES [3930] to [3939]                                                                                                                                                                                                                                                                                   |
| [4037]  | TROUBLE & TROUBLE RESTORE REPORT CODES [3940] to [3999]                                                                                                                                                                                                                                                                       |

## SOFTWARE RESET

Performing a software reset will set certain parameters to default values. To do so:

- 1) Make sure the "RESET" jumper (see page 47) on the control panel is ON.
- 2) Enter Programming Mode (see page 1).
- 3) Enter the 4-digit [SECTION] corresponding to the software reset you wish to perform:

| Section | Description                                                                                                                                                                                                                                     |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [4040]  | Entering this section will reset all programmable sections from [0001] to [3999] to factory default values.                                                                                                                                     |
| [4041]  | Entering this section will reset the system master code to 123456.                                                                                                                                                                              |
| [4042]  | Entering this section will reset all Zone (sections [0001] to [0196], [0201] to [0296], and sections [0961] to [0984]) programming to default values.                                                                                           |
| [4043]  | Entering this section will reset all access control sections from [2201] to [2712], excluding door labels, to default values.                                                                                                                   |
| [4044]  | Entering this section will reset all user code sections from [1001] to [1999] and [2001] to [2199] to default values.                                                                                                                           |
| [4045]  | Entering this section will reset all dialer (sections [3051] to [3081]) and control panel (sections [3020] to [3043], and [3900] to [3991]) programming to default values.                                                                      |
| [4046]  | Entering this section will reset all partition sections from [3101] to [3829], excluding partition labels, to default values.                                                                                                                   |
| [4047]  | Entering this section will reset all PGM (sections from [0901] to [0939]) and all Keyswitch (sections [0501] to [0632]) programming, as well as all Keyswitch arming/disarming report codes (sections from [0701] to [0832]) to default values. |
| [4048]  | Entering this section will clear all user labels, door labels, partition labels, and zone labels from sections [0301] to [0396].                                                                                                                |

## INSTALLER QUICK FUNCTION KEYS

Press and hold the **[0]** key and then enter the **[INSTALLER CODE]**. Then press one of the following function keys:

|                 |                                                                                                                                                                                                                                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[STAY]</b>   | <i>Test Report:</i> Sends the "Test Report" report code programmed in section [3902] to the central station.                                                                                                                                                                                                     |
| <b>[FORCE]</b>  | <i>Call WinLoad Software:</i> Will dial the PC telephone number programmed in section [3010] in order to initiate communication with a computer using the WinLoad software.                                                                                                                                      |
| <b>[ARM]</b>    | <i>Answer WinLoad Software:</i> Will force the control panel to answer a call made by the Central Monitoring Station that is using the WinLoad software.                                                                                                                                                         |
| <b>[DISARM]</b> | <i>Cancel Communication:</i> Cancels all communication with the WinLoad software or with the Central Monitoring Station until the next reportable event.                                                                                                                                                         |
| <b>[MEM]</b>    | <i>Installer Test Mode:</i> The installer test mode will allow you to perform walk tests where the bell or siren will squawk to indicate opened zones. Press the <b>[MEM]</b> button again to exit. Partitions cannot be armed if the Installer Test Mode is enabled.                                            |
| <b>[TRBL]</b>   | <i>Start Module Scan:</i> The keypad will display the serial number of each module on the communication bus.                                                                                                                                                                                                     |
| <b>[ACC]</b>    | <i>Bus Voltmeter:</i> To verify if the bus is supplying sufficient power, press and hold the <b>[0]</b> key, enter the <b>[INSTALLER CODE]</b> and press the <b>[ACC]</b> button. A reading of 12.3V or lower indicates that the voltage is too low. The voltage may drop during the control panel battery test. |

## AUTOMATIC REPORT CODE LIST

| System Event                             | Default Contact ID Report Code<br>when using sections [4032] to [4037] | Default SIA Report Code<br>when using sections [4032] to [4037] |
|------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------|
| Arming with Master Code (##)             | 3 4A1 - Close by user                                                  | CL - Closing Report                                             |
| Arming with User Code (##)               | 3 4A1 - Close by user                                                  | CL - Closing Report                                             |
| Arming with Keyswitch (##)               | 3 4A9 - Keyswitch Close                                                | CS - Closing Keyswitch                                          |
| Auto Arming                              | 3 4A3 - Automatic Close                                                | CA - Automatic Closing                                          |
| Arm with PC software                     | 3 4A7 - Remote arm/disarm                                              | CL - Closing Report                                             |
| Late To Close                            | 1 4A4 - Late to Close                                                  | OT - Late to Close                                              |
| No Movement                              | 1 4A4 - Late to Close                                                  | NA - No Activity                                                |
| Partial arming                           | 1 574 - Group bypass                                                   | CG - Close Area                                                 |
| Quick arming                             | 3 408 - Quick arm                                                      | CL - Closing Report                                             |
| Disarm with Master Code (##)             | 1 4A1 - Open by user                                                   | OP - Opening Report                                             |
| Disarm with User Code (##)               | 1 4A1 - Open by user                                                   | OP - Opening Report                                             |
| Disarm with Keyswitch (##)               | 1 4A9 - Keyswitch Open                                                 | OS - Opening Keyswitch                                          |
| Disarm after alarm with Master Code (##) | 1 4A1 - Open by user                                                   | OR - Disarm From Alarm                                          |
| Disarm after alarm with User Code (##)   | 1 4A1 - Open by user                                                   | OR - Disarm From Alarm                                          |
| Disarm after alarm with Keyswitch (##)   | 1 4A9 - Keyswitch Open                                                 | OS - Opening Keyswitch                                          |
| Auto Arming Cancellation                 | 1 4A5 - Deferred Open/Close                                            | CE - Closing Extend                                             |
| Disarm with PC software                  | 1 4A7 - Remote arm/disarm                                              | OP - Opening Report                                             |
| Disarm after an alarm with PC software   | 1 4A7 - Remote arm/disarm                                              | OR - Disarm From Alarm                                          |
| Quick Disarm                             | 1 408 - Quick Disarm                                                   | OP - Opening Report                                             |
| Zone Bypassed (##)                       | 1 57A - Zone bypass                                                    | UB - Untyped Zone Bypass                                        |
| Zone alarm (##)                          | 1 13A - Burglary Alarm                                                 | BA - Burglary Alarm                                             |
| Fire alarm (##)                          | 1 11A - Fire alarm                                                     | FA - Fire Alarm                                                 |
| Zone alarm restore (##)                  | 3 13A - Burglary Alarm Restore                                         | BH - Burglary Alarm Restore                                     |
| Fire alarm restore (##)                  | 3 11A - Fire alarm Restore                                             | FH - Fire Alarm Restore                                         |
| 24Hr Gas alarm (##)                      | 1 13A - Burglary Alarm                                                 | GA - Gas Alarm                                                  |
| 24Hr Heat alarm (##)                     | 1 13A - Burglary Alarm                                                 | KA - Heat Alarm                                                 |
| 24Hr Water alarm (##)                    | 1 13A - Burglary Alarm                                                 | WA - Water Alarm                                                |
| 24Hr Freeze alarm (##)                   | 1 13A - Burglary Alarm                                                 | ZA - Freeze Alarm                                               |
| 24Hr Gas alarm restore (##)              | 1 13A - Burglary Alarm                                                 | GR - Gas Alarm Restore                                          |
| 24Hr Heat alarm restore (##)             | 1 13A - Burglary Alarm                                                 | KR - Heat Alarm Restore                                         |
| 24Hr Water alarm restore (##)            | 1 13A - Burglary Alarm                                                 | WR - Water Alarm Restore                                        |
| 24Hr Freeze alarm restore (##)           | 1 13A - Burglary Alarm                                                 | ZR - Freeze Alarm Restore                                       |
| Police Code                              | 1 139 - Burglary Alarm                                                 | BM - Burglary Alarm                                             |
| Panic 1 - Emergency                      | 1 12A - Panic alarm                                                    | PA - Panic Alarm                                                |
| Panic 2 - Medical                        | 1 1AA - Medical alarm                                                  | MA - Medical Alarm                                              |
| Panic 3 - Fire                           | 1 115 - Pull Station                                                   | FA - Fire Alarm                                                 |
| Recent closing                           | 3 4AA - Open/Close                                                     | CR - Recent Closing                                             |
| Global zone shutdown                     | 1 574 - Group bypass                                                   | CG - Close Area                                                 |

| System Event                                  | Default Contact ID Report Code<br>when using sections [4032] to [4037] | Default SIA Report Code<br>when using sections [4032] to [4037] |
|-----------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------|
| Duress alarm                                  | 1 121 - Duress                                                         | HA - Hold-up Alarm                                              |
| Zone shutdown (##)                            | 1 57A - Zone bypass                                                    | UB - Untyped Zone Bypass                                        |
| Zone tampered (##)                            | 1 144 - Sensor tamper                                                  | TA - Tamper Alarm                                               |
| Zone tamper restore (##)                      | 3 144 - Sensor tamper restore                                          | TR - Tamper Restoral                                            |
| Keypad Lockout                                | 1 421 - Access denied                                                  | JA - User Code Tamper                                           |
| AC Failure                                    | 1 3A1 - AC loss                                                        | AT - AC Trouble                                                 |
| Battery Failure                               | 1 3A9 - Battery test failure                                           | YT - System Battery Trouble                                     |
| Auxiliary supply trouble                      | 1 3AA - System trouble                                                 | YP - Power Supply Trouble                                       |
| Bell output current limit                     | 1 321 - Bell 1                                                         | YA - Bell Fault                                                 |
| Bell absent                                   | 1 321 - Bell 1                                                         | YA - Bell Fault                                                 |
| Clock lost                                    | 1 626 - Time/Date inaccurate                                           | JT - Time Changed                                               |
| Fire loop trouble                             | 1 373 - Fire trouble                                                   | FT - Fire Trouble                                               |
| TLM trouble restore                           | 3 351 - Telco 1 fault restore                                          | LR - Phone Line restoral                                        |
| AC Failure restore                            | 3 3A1 - AC loss restore                                                | AR - AC Restoral                                                |
| Battery Failure restore                       | 3 3A9 - Battery test restore                                           | YR - System Battery Restoral                                    |
| Auxiliary supply trouble restore              | 3 3AA - System trouble restore                                         | YQ - Power Supply restored                                      |
| Bell output current limit restore             | 3 321 - Bell 1 restore                                                 | YH - Bell Restored                                              |
| Bell absent restore                           | 3 321 - Bell 1 restore                                                 | YH - Bell Restored                                              |
| Clock programmed                              | 3 625 - Time/Date Reset                                                | JT - Time Changed                                               |
| Fire loop trouble restore                     | 3 373 - Fire trouble restore                                           | FJ - Fire Trouble Restore                                       |
| Bus fault                                     | 1 333 - Expansion module failure                                       | ET - Expansion Trouble                                          |
| Module tamper                                 | 1 145 - Expansion module tamper                                        | TA - Tamper Alarm                                               |
| Module ROM_RAM_error                          | 1 3A4 - Rom checksum bad                                               | YF - Parameter Checksum Fail                                    |
| Module TLM trouble                            | 1 352 - Telco 2 fault                                                  | LT - Phone Line trouble                                         |
| Module fail to communicate to central station | 1 354 - Fail to communicate                                            | YC - Communication Fails                                        |
| Printer fault                                 | 1 336 - Local printer failure                                          | VT - Printer Trouble                                            |
| Module AC Failure                             | 1 3A1 - AC loss                                                        | AT - AC Trouble                                                 |
| Module battery failure                        | 1 3A9 - Battery test failure                                           | YT - System Battery Trouble                                     |
| Module Auxiliary supply trouble               | 1 3AA - System trouble                                                 | YP - Power Supply Trouble                                       |
| Bus fault restore                             | 3 333 - Expansion module failure restore                               | ER - Expansion Restoral                                         |
| Module tamper restore                         | 3 145 - Expansion module tamper restore                                | TR - Tamper Restoral                                            |
| Module ROM_RAM_error restore                  | 3 3A4 - Rom checksum bad restore                                       | YG - Parameter Changed                                          |
| Module TLM restore                            | 3 352 - Telco 2 fault restore                                          | LR - Phone Line Restoral                                        |
| Printer fault restore                         | 3 336 - Local printer failure restore                                  | VR - Printer Restore                                            |
| Module AC restore                             | 3 3A1 - AC loss restore                                                | AR - AC Restoral                                                |
| Module battery restore                        | 3 3A9 - Battery test failure restore                                   | YR - System Battery Restoral                                    |
| Module Auxiliary supply restore               | 3 3AA - System trouble restore                                         | YQ - Power Supply Restored                                      |
| Fail to communicate with central station      | 1 354 - Fail to communicate                                            | YC - Communication Fails                                        |
| Module RF low battery                         | 1 384 - RF transmitter low battery                                     | XT - Transmitter Battery Trouble                                |
| Module RF battery restore                     | 3 384 - RF transmitter battery restore                                 | XR - Transmitter Battery Restoral                               |
| Module RF supervision trouble                 | 1 381 - Loss of supervision - RF                                       | US - Untype Zone Supervision                                    |
| Module RF supervision restore                 | 3 381 - Supervision restore - RF                                       | UR - Untyped Zone Restoral                                      |
| Cold Start                                    | 1 3A8 - System shutdown                                                | RR - Power Up                                                   |
| Warm Start                                    | 1 3A5 - System reset                                                   | YW - Watchdog Reset                                             |
| Test Report engaged                           | 1 6A2 - Periodic test report                                           | TX - Test Report                                                |
| PC software communication finished            | 1 412 - Successful - download access                                   | RS - Remote Program Success                                     |
| Installer on site                             | 1 627 - Program mode Entry                                             | LB - Local Program                                              |
| Installer programming finished                | 1 628 - Program mode Exit                                              | LS - Local Program Success                                      |

## CONTACT ID REPORT CODE LIST

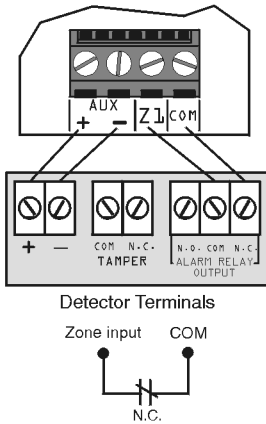
If using the Ademco Contact ID format, key in the 2-digit hexadecimal value (PROG. VALUE) to program the desired report codes into sections [0201] to [0296], [0701] to [0832], [2001] to [2199], and [3900] to [3999].

| CID#                                        | Reporting Code           | Prog. Value | CID#                                              | Reporting Code             | Prog. Value | CID#                                          | Reporting Code             | Prog. Value |
|---------------------------------------------|--------------------------|-------------|---------------------------------------------------|----------------------------|-------------|-----------------------------------------------|----------------------------|-------------|
| <b>MEDICAL ALARMS - 100</b>                 |                          |             | 302                                               | Low System Battery         | 35          | <b>ACCESS CONTROL - 420</b>                   |                            |             |
| 100                                         | Medical Alarm            | 01          | 303                                               | RAM Checksum Bad           | 36          | 421                                           | Access Denied              | 6A          |
| 101                                         | Personal Emergency       | 02          | 304                                               | ROM Checksum Bad           | 37          | 422                                           | Access Report By User      | 6B          |
| 102                                         | Fail to Report In        | 03          | 305                                               | System Reset               | 38          | <b>SPECIAL TROUBLES - 450 &amp; 460</b>       |                            |             |
| <b>FIRE ALARMS - 110</b>                    |                          |             | 306                                               | Panel Program Changed      | 39          | 450                                           | Exception Open/Close       | 6C          |
| 110                                         | Fire Alarm               | 04          | 307                                               | Self-Test Failure          | 3A          | 451                                           | Early Open/Close           | 6D          |
| 111                                         | Smoke                    | 05          | 308                                               | System Shutdown            | 3B          | 452                                           | Late Open/Close            | 6E          |
| 112                                         | Combustion               | 06          | 309                                               | Battery Test Failure       | 3C          | 453                                           | Failed to Open             | 6F          |
| 113                                         | Water Flow               | 07          | 310                                               | Ground Fault               | 3D          | 454                                           | Failed to Close            | 70          |
| 114                                         | Heat                     | 08          | <b>SOUNDER/RELAY TROUBLES - 320</b>               |                            |             | 455                                           | Auto-Arm Failed            | 71          |
| 115                                         | Pull Station             | 09          | 320                                               | Sounder Relay              | 3E          | 456                                           | Partial Arm                | 72          |
| 116                                         | Duct                     | 0A          | 321                                               | Bell 1                     | 3F          | 457                                           | User Exit Error            | 73          |
| 117                                         | Flame                    | 0B          | 322                                               | Bell 2                     | 40          | 458                                           | User on Premises           | 74          |
| 118                                         | Near Alarm               | 0C          | 323                                               | Alarm Relay                | 41          | 459                                           | Recent Close               | 75          |
| <b>PANIC ALARMS - 120</b>                   |                          |             | 324                                               | Trouble Relay              | 42          | 461                                           | Wrong Code Entry           | 76          |
| 120                                         | Panic Alarm              | 0D          | 325                                               | Reversing Relay            | 43          | 462                                           | Legal Code Entry           | 77          |
| 121                                         | Duress                   | 0E          | <b>SYSTEM PERIPHERAL TROUBLES - 330 &amp; 340</b> |                            |             | 463                                           | Re-arm after Alarm         | 78          |
| 122                                         | Silent                   | 0F          | 330                                               | System Peripheral          | 44          | 464                                           | Auto-Arm Time Extended     | 79          |
| 123                                         | Audible                  | 10          | 331                                               | Polling Loop Open          | 45          | 465                                           | Panic Alarm Reset          | 7A          |
| <b>BURGLAR ALARMS - 130</b>                 |                          |             | 332                                               | Polling Loop Short         | 46          | 466                                           | Service On/Off Premises    | 7B          |
| 130                                         | Burglary                 | 11          | 333                                               | Expansion Module Failure   | 47          | <b>SOUNDER RELAY DISABLES - 520</b>           |                            |             |
| 131                                         | Perimeter                | 12          | 334                                               | Repeater Failure           | 48          | 520                                           | Sounder/Relay Disabled     | 7C          |
| 132                                         | Interior                 | 13          | 335                                               | Local Printer Paper Out    | 49          | 521                                           | Bell 1 Disable             | 7D          |
| 133                                         | 24-Hour                  | 14          | 336                                               | Local Printer Failure      | 4A          | 522                                           | Bell 2 Disable             | 7E          |
| 134                                         | Entry/Exit               | 15          | <b>COMMUNICATION TROUBLES - 350 &amp; 360</b>     |                            |             | 523                                           | Alarm Relay Disable        | 7F          |
| 135                                         | Day/Night                | 16          | 350                                               | Communication              | 4B          | 524                                           | Trouble Relay Disable      | 80          |
| 136                                         | Outdoor                  | 17          | 351                                               | Telco Fault 1              | 4C          | 525                                           | Reversing Relay Disable    | 81          |
| 137                                         | Tamper                   | 18          | 352                                               | Telco Fault 2              | 4D          | <b>COMMUNICATION DISABLES - 550 &amp; 560</b> |                            |             |
| 138                                         | Near Alarm               | 19          | 353                                               | Long Range Radio           | 4E          | 551                                           | Dialer Disabled            | 82          |
| 139                                         | Intrusion Verifier       | 1A          | 354                                               | Fail to Communicate        | 4F          | 552                                           | Radio Transmitter Disabled | 83          |
| <b>GENERAL ALARMS - 140</b>                 |                          |             | 355                                               | Loss of Radio Supervision  | 50          | <b>BYPASSES - 570</b>                         |                            |             |
| 140                                         | General Alarm            | 1B          | 356                                               | Loss of Central Polling    | 51          | 570                                           | Zone Bypass                | 84          |
| 141                                         | Polling Loop Open        | 1C          | <b>PROTECTION LOOP TROUBLES - 370</b>             |                            |             | 571                                           | Fire Bypass                | 85          |
| 142                                         | Polling Loop Short       | 1D          | 370                                               | Protection Loop            | 52          | 572                                           | 24-Hour Zone Bypass        | 86          |
| 143                                         | Expansion Module Failure | 1E          | 371                                               | Protection Loop Open       | 53          | 573                                           | Burg. Bypass               | 87          |
| 144                                         | Sensor Tamper            | 1F          | 372                                               | Protection Loop short      | 54          | 574                                           | Group Bypass               | 88          |
| 145                                         | Expansion Module Tamper  | 20          | 373                                               | Fire Trouble               | 55          | <b>TEST/MISC. - 600</b>                       |                            |             |
| <b>24-HOUR NON-BURGLARY - 150 &amp; 160</b> |                          |             | <b>SENSOR TROUBLES - 380</b>                      |                            |             | 601                                           | Manual Trigger Test        | 89          |
| 150                                         | 24-Hour Non-Burglary     | 21          | 380                                               | Sensor Trouble             | 56          | 602                                           | Periodic Test Report       | 8A          |
| 151                                         | Gas Detected             | 22          | 381                                               | Loss of Supervision - RF   | 57          | 603                                           | Periodic RF Transmission   | 8B          |
| 152                                         | Refrigeration            | 23          | 382                                               | Loss of Supervision - RPM  | 58          | 604                                           | Fire Test                  | 8C          |
| 153                                         | Loss of Heat             | 24          | 383                                               | Sensor Tamper              | 59          | 605                                           | Status Report to Follow    | 8D          |
| 154                                         | Water Leakage            | 25          | 384                                               | RF Transmitter Low Battery | 5A          | 606                                           | Listen-in to Follow        | 8E          |
| 155                                         | Foil Break               | 26          | <b>OPEN/CLOSE - 400</b>                           |                            |             | 607                                           | Walk Test Mode             | 8F          |
| 156                                         | Day Trouble              | 27          | 400                                               | Open/Close                 | 5B          | 621                                           | Event Log Reset            | 90          |
| 157                                         | Low Bottled Gas Level    | 28          | 401                                               | Open/Close by User         | 5C          | 622                                           | Event Log 50% Full         | 91          |
| 158                                         | High Temperature         | 29          | 402                                               | Group Open/Close           | 5D          | 623                                           | Event Log 90% Full         | 92          |
| 159                                         | Low Temperature          | 2A          | 403                                               | Automatic Open/Close       | 5E          | 624                                           | Event Log Overflow         | 93          |
| 161                                         | Loss of Air Flow         | 2B          | 404                                               | Late to Open/Close         | 5F          | 625                                           | Time/Date Reset            | 94          |
| <b>FIRE SUPERVISORY - 200 &amp; 210</b>     |                          |             | 405                                               | Deferred Open/Close        | 60          | 626                                           | Time/Date Inaccurate       | 95          |
| 200                                         | Fire Supervisory         | 2C          | 406                                               | Cancel                     | 61          | 627                                           | Program Mode Entry         | 96          |
| 201                                         | Low Water Pressure       | 2D          | 407                                               | Remote Arm/Disarm          | 62          | 628                                           | Program Mode Exit          | 97          |
| 202                                         | Low CO2                  | 2E          | 408                                               | Quick Arm                  | 63          | 631                                           | Exception Schedule Change  | 98          |
| 203                                         | Gate Valve Sensor        | 2F          | 409                                               | Keyswitch Open/Close       | 64          |                                               |                            |             |
| 204                                         | Low Water Level          | 30          | <b>REMOTE ACCESS - 410</b>                        |                            |             |                                               |                            |             |
| 205                                         | Pump Activated           | 31          | 411                                               | Callback Request Made      | 65          |                                               |                            |             |
| 206                                         | Pump Failure             | 32          | 412                                               | Success - Download Access  | 66          |                                               |                            |             |
| <b>SYSTEM TROUBLES - 300 &amp; 310</b>      |                          |             | 413                                               | Unsuccessful Access        | 67          |                                               |                            |             |
| 300                                         | System Trouble           | 33          | 414                                               | System Shutdown            | 68          |                                               |                            |             |
| 301                                         | AC Loss                  | 34          | 415                                               | Dialer Shutdown            | 69          |                                               |                            |             |

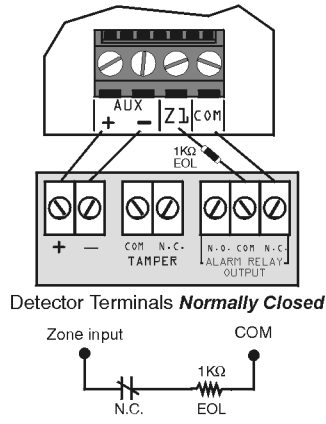
# Control Panel Hardware Connections

## SINGLE ZONE INPUTS

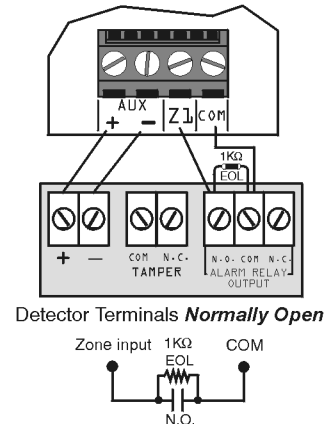
**N.C. Contacts, No EOL**  
CONTROL PANEL TERMINALS



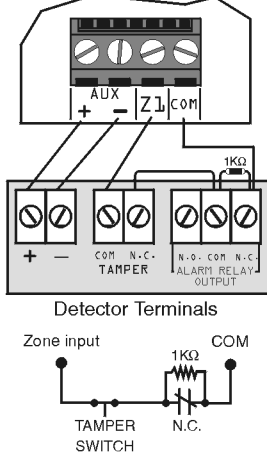
**N.C., With EOL (UL/ULC Configuration)**  
CONTROL PANEL TERMINALS



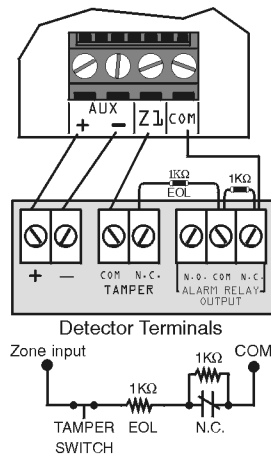
**N.O., With EOL (UL/ULC Configuration)**  
CONTROL PANEL TERMINALS



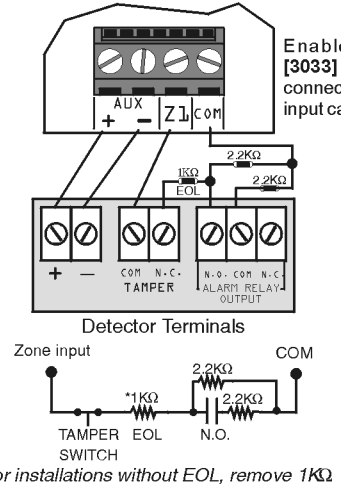
**N.C. Contacts, No EOL, With Tamper Recognition**  
CONTROL PANEL TERMINALS



**N.C. With EOL, With Tamper & Wire Fault Recognition**  
UL/ULC Configuration  
CONTROL PANEL TERMINALS

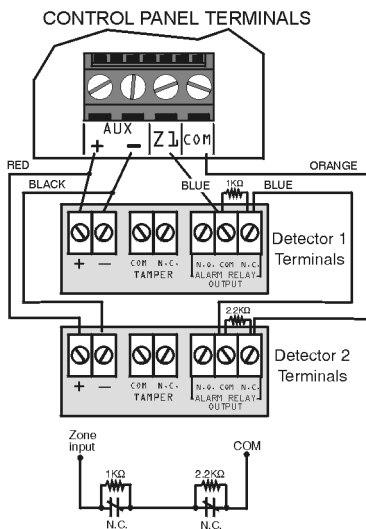


**N.O., With EOL, With Tamper & Wire Fault Recognition**  
CONTROL PANEL TERMINALS

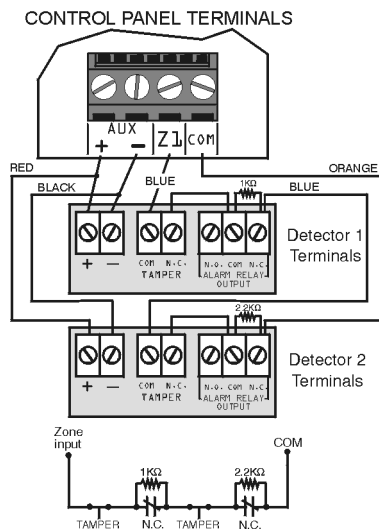


## ATZ - DOUBLE ZONE INPUTS

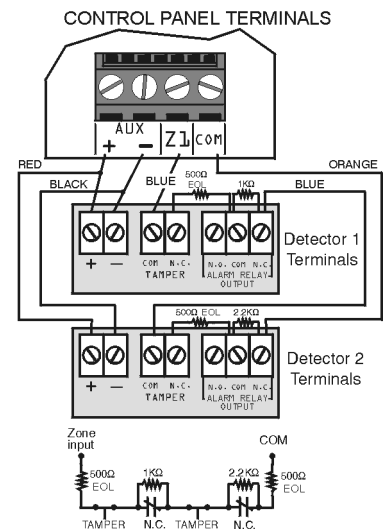
**N.C., No EOL Resistor**



**N.C., No EOL, With Tamper Recognition**



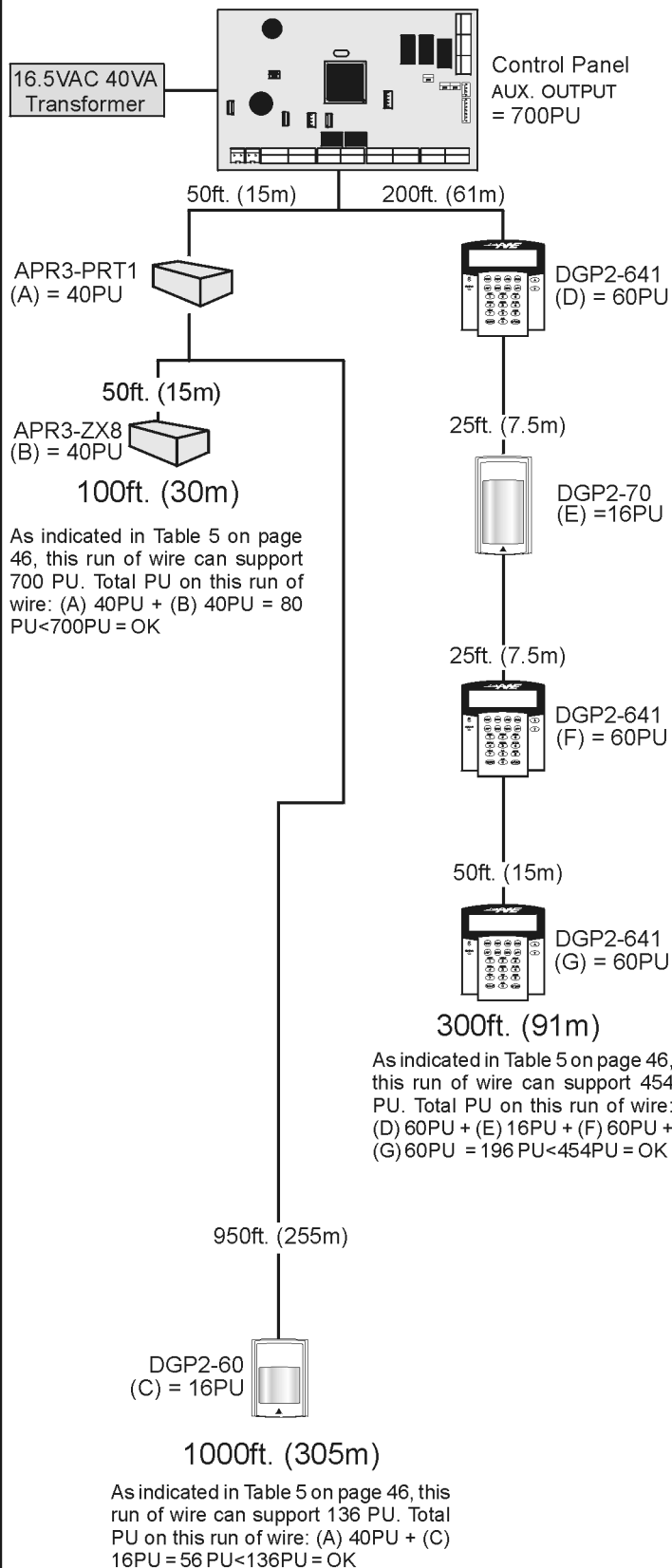
**N.C., With EOL and Tamper & Wire Fault Recognition (UL/ULC)**



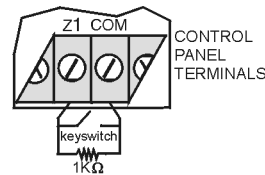
## CONNECTIONS

### Example: Sample Power Requirement Calculations

Power required by devices connected to control panel's auxiliary output must not exceed the auxiliary output's limit:  
 $(A) + (B) + (C) + (D) + (E) + (F) + (G) = 292\text{PU} < 700\text{PU} = \text{OK}$

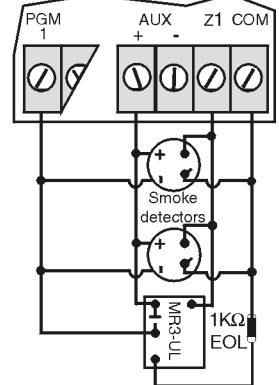


### Keyswitch Connections



### Fire Zones

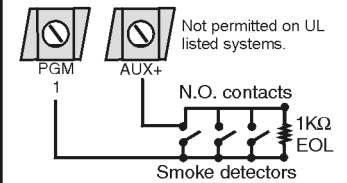
#### UL/ULC Installation



**SINGLE FIRE ZONE CONNECTIONS ONLY.** If the ATZ feature is enabled, do not use the extra input (i.e. in the above example, input 013 cannot be used as a zone).

### 2-Wire Smoke Detector Input

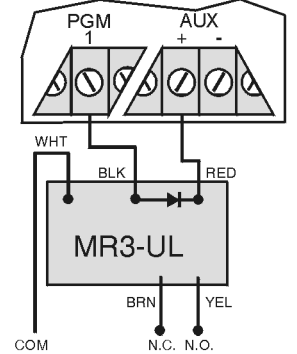
Option [1] in section [3030] must be enabled. PGM1 becomes control panel input #255.



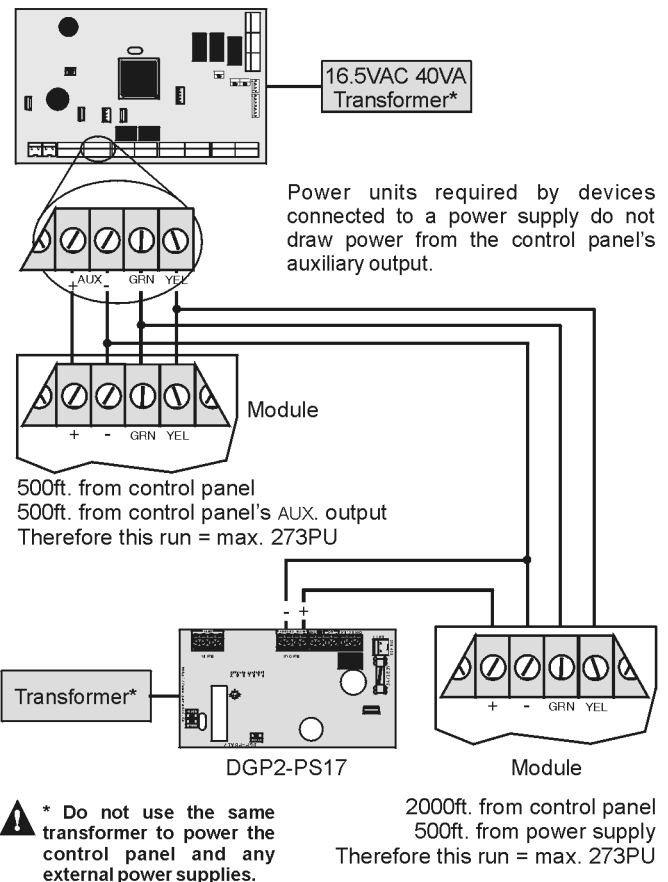
When using ESL smoke detectors with the CleanMe™ feature, do not connect more than 20 detectors in parallel.

### PGM: Relay Output

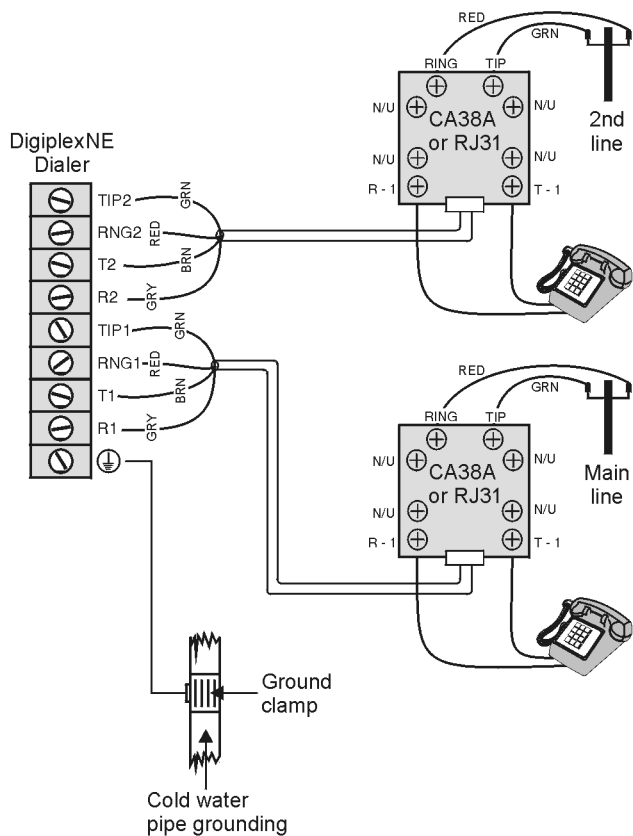
#### CONTROL PANEL TERMINALS



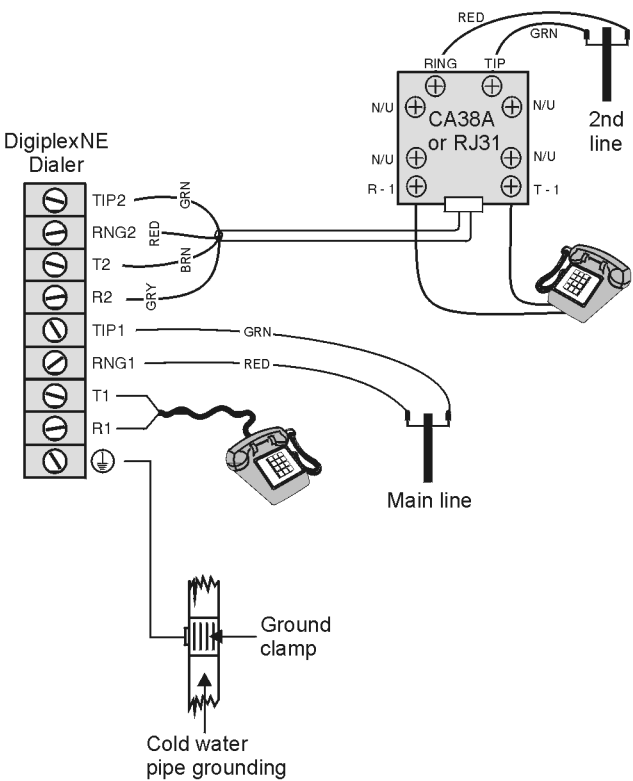
### External Power Supply Connections



TELEPHONE LINE CONNECTIONS

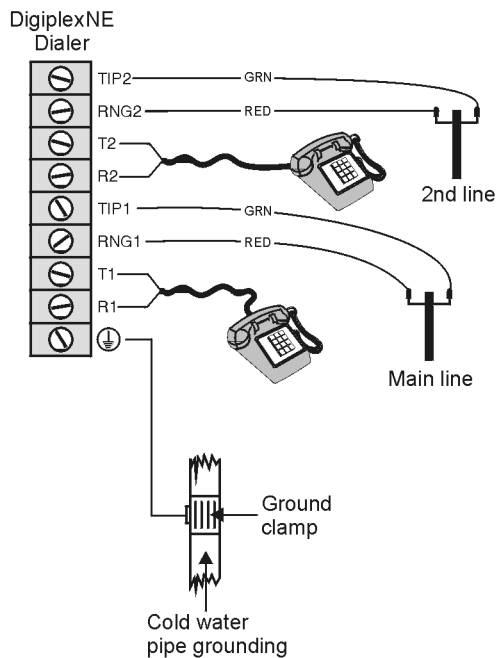


OR

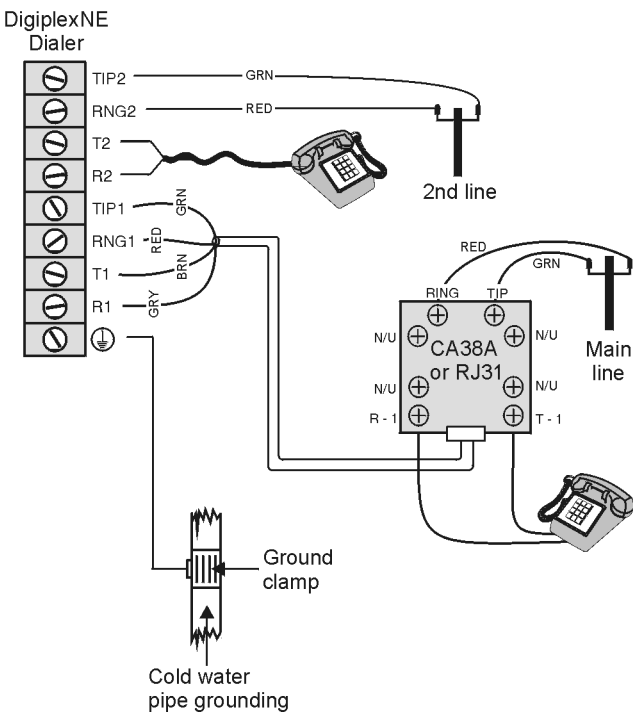


OR

OR



OR



## POWER UNIT CONSUMPTION TABLE

Table 4: Power Unit Consumption Table

| Description                                                    | QTY.               | PU used by each | Total PU |
|----------------------------------------------------------------|--------------------|-----------------|----------|
| LCD Keypads (DGP2-641):                                        | _____              | X 60PU =        | _____ PU |
| Access Control LCD Keypads (DGP2-641AC):                       | _____              | X 150PU =       | _____ PU |
| Addressable Detectors (DGP2-50/60/70):                         | _____              | X 16PU =        | _____ PU |
| Addressable Door Contact (DGP2-ZC1):                           | _____              | X 14PU =        | _____ PU |
| 1-Zone Hardwire Expansion Module (DGP2-ZX1):                   | _____              | X 15PU =        | _____ PU |
| 4-Zone Hardwire Module (APR3-ZX4):                             | _____              | X 20PU =        | _____ PU |
| 8-Zone Hardwire Module (APR3-ZX8):                             | _____              | X 40PU =        | _____ PU |
| Wireless Module (OMN-RCV3):                                    | _____              | X 50PU =        | _____ PU |
| 1-PGM Output Module (DGP2-PGM1):                               | _____              | X 50PU =        | _____ PU |
| 4-PGM Output Module (APR3-PGM4):                               | _____              | X 150PU =       | _____ PU |
| Printer Module (APR3-PRT1):                                    | _____              | X 40PU =        | _____ PU |
| InTouch Voice-Assisted Arm/Disarm Module (APR3-ADM2):          | _____              | X 70PU =        | _____ PU |
| Access Control Module (DGP2-ACM1):                             | _____              | X 165PU =       | _____ PU |
| Note: The DGP2-ACM1P consumes 165PU from its own power supply. |                    |                 |          |
| Maximum available power units = <b>700PU</b>                   | <b>GRAND TOTAL</b> |                 | _____ PU |

- STEP 1:** Using Table 4, calculate the total number of power units (PU) required by each device, module, and accessory in the system. Please take into account devices connected to the control panel's PGM outputs. Since the BELL output has its own power supply, do not include the sirens connected to it in the calculation
- STEP 2:** If the Grand Total is less than 700PU, go to step 3. If the value is greater, you will require an external power supply (see *External Power Supply Connections* drawing on page 44) to provide the additional power needed. Proceed with step 3 and refer to the example (*Sample Power Requirement Calculations* drawing) on page 44.
- STEP 3:** Due to the degradation of a power signal over long distances (if this were the case, we recommend connecting a *Paradox Power Supply Module, DGP2-PS17*), **EACH** length or run of wire in the system can support only a specific number of power units (PU). Using Table 5, determine how many power units each length of wire can support. Please note that the total number of power units (PU) can never surpass 700PU.

Table 5: Power Unit (PU) Limitations For Each Run of Wire

| Gauge: 18AWG, Surface: 0.823mm <sup>2</sup> |                            | Gauge: 22AWG, Surface: 0.326mm <sup>2</sup> |                            | Gauge: 24AWG, Surface: 0.205mm <sup>2</sup> |                            |
|---------------------------------------------|----------------------------|---------------------------------------------|----------------------------|---------------------------------------------|----------------------------|
| Length of each run of wire                  | Available Power Units (PU) | Length of each run of wire                  | Available Power Units (PU) | Length of each run of wire                  | Available Power Units (PU) |
| 100ft. (30m)                                | 700                        | 100ft. (30m)                                | 700                        | 100ft. (30m)                                | 700                        |
| 200ft. (61m)                                | 700                        | 200ft. (61m)                                | 682                        | 200ft. (61m)                                | 429                        |
| 300ft. (91m)                                | 700                        | 300ft. (91m)                                | 454                        | 300ft. (91m)                                | 286                        |
| 400ft. (122m)                               | 700                        | 400ft. (122m)                               | 341                        | 400ft. (122m)                               | 214                        |
| 500ft. (152m)                               | 690                        | 500ft. (152m)                               | 273                        | 500ft. (152m)                               | 171                        |
| 600ft. (183m)                               | 575                        | 600ft. (183m)                               | 227                        | 600ft. (183m)                               | 143                        |
| 700ft. (213m)                               | 493                        | 700ft. (213m)                               | 195                        |                                             |                            |
| 800ft. (244m)                               | 431                        | 800ft. (244m)                               | 170                        |                                             |                            |
| 900ft. (275m)                               | 383                        | 900ft. (275m)                               | 151                        |                                             |                            |
| 1000ft. (305m)                              | 345                        | 1000ft. (305m)                              | 136                        |                                             |                            |
| 1500ft. (457m)                              | 230                        |                                             |                            |                                             |                            |
| 2000ft. (610m)                              | 172                        |                                             |                            |                                             |                            |
| 2500ft. (762m)                              | 138                        |                                             |                            |                                             |                            |
| 3000ft. (914m)                              | 115                        |                                             |                            |                                             |                            |

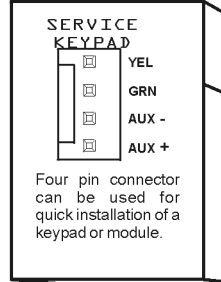
# PCB LAYOUT

**Red "LINE#1" and "LINE#2" LEDs:**  
*Illuminated* - If the control panel is using a telephone line, the panel will display which line it is using by illuminating a telephone line LED. If the control panel is using Line 1, the "LINE#1" LED will be illuminated. If the control panel is using Line 2, the "LINE#2" LED will be illuminated.

**Red "STATUS" LED:**  
*Flashing* - Indicates proper operation.  
*Fast Flash* - Indicates a control panel failure.  
*Off* - Control panel error.

⊕ Same ground connections as the panel, but do not connect the DGP2-ZX4's ground directly to the control panel's ground.

Charging and battery test LED (every 64 seconds).



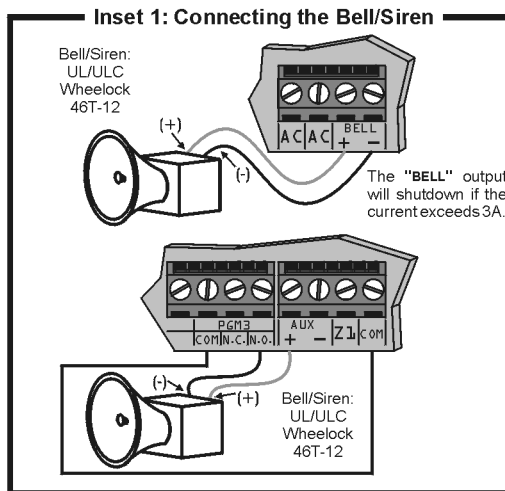
**CAUTION:** Disconnect the battery before replacing the fuse.

Optional connector can be used to recharge another battery in the system or to connect the second battery required for UL Mercantile installations.

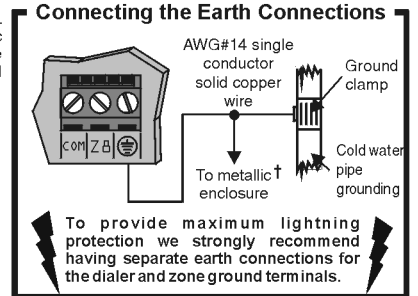
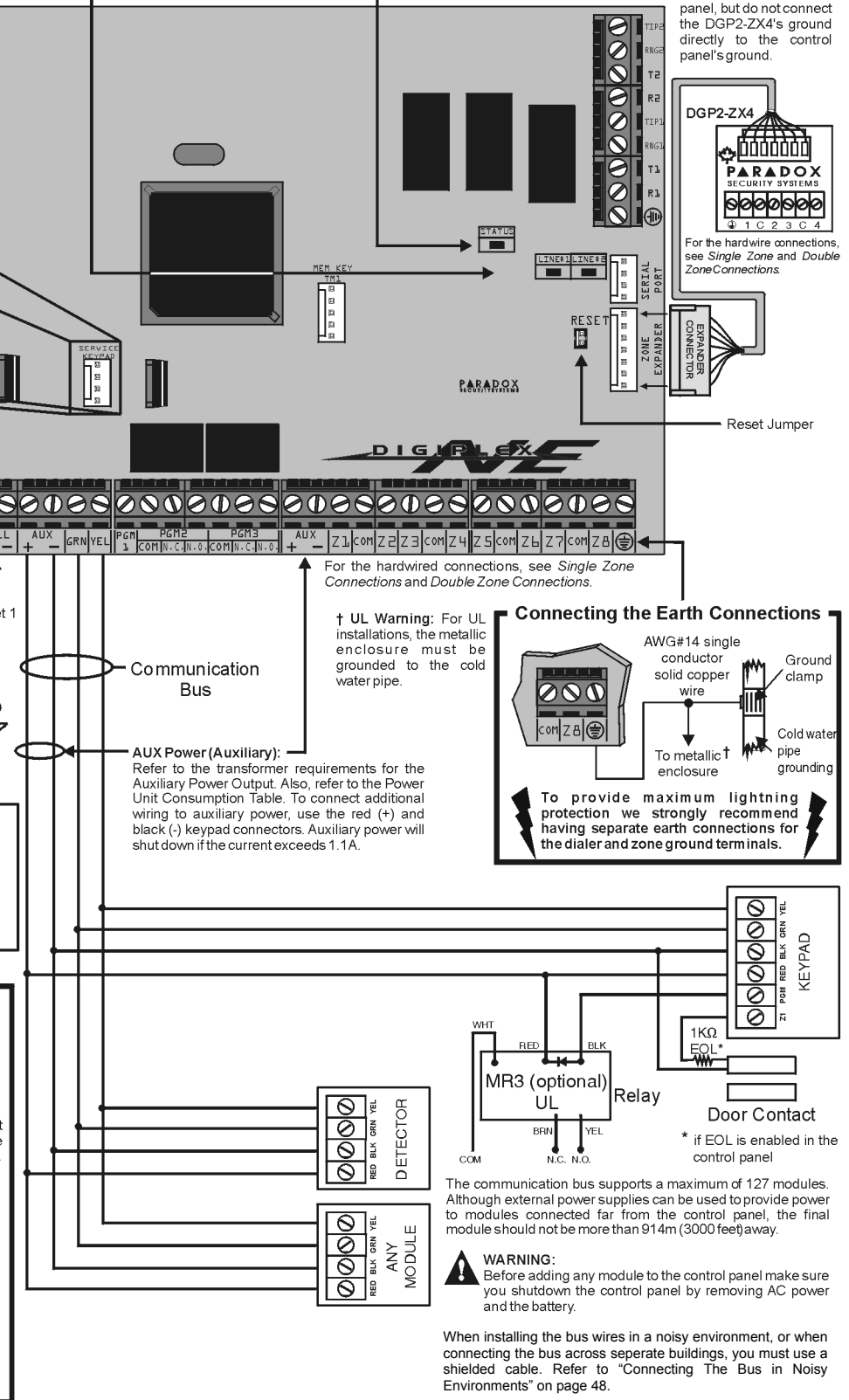
**Rechargeable Acid/Lead or Gel Cell Backup Battery:**  
 YUASA; model # NP7-12;  
 UL/ULC; 12VDC; 4Ah/7Ah

**WARNING:**  
 Improper connection may result in damage to the system.

|                                                               |                                                              |                                       |
|---------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------|
| <b>Transformer Requirements:</b><br>ATC-Frost                 | 16.5VAC; 37VA<br>#FTC3716                                    | UL/C-UL:<br>16.5VAC; 40VA<br>#FPS4016 |
|                                                               | Auxiliary Supply can provide:<br>typical 600mA<br>max. 700mA | typical 600mA<br>max. 700mA           |
| <b>Usable Battery Charge Currents:</b> 350mA      350mA/700mA |                                                              |                                       |



**PLEASE NOTE:**  
 When powering up the DGP-NE96 control panel (V1.02 or higher), the panel will begin a module scan to verify if all the modules connected to the panel are operational. The scanning process will take between 30 and 120 seconds to complete depending on the number of modules connected to the control panel. The module scan is complete when the LCD keypad begins to show the partition status. Only after the module scan is complete will the control panel be fully operational.



**WARNING:**  
 Before adding any module to the control panel make sure you shutdown the control panel by removing AC power and the battery.

When installing the bus wires in a noisy environment, or when connecting the bus across separate buildings, you must use a shielded cable. Refer to "Connecting The Bus in Noisy Environments" on page 48.

When installing the bus wires in proximity to high electrical interference such as neon lights, motors, high-voltage wiring, transformers, or if connecting the bus across separate buildings, you must use shielded cables. Connect the shielded cable as detailed below:

**Within the Same Building:** Strip the outer jacket at one end of the shielded cable to expose the shield and connect the shield to the control panel ground (not the dialer ground), while leaving the shield at the other end of the cable open (floating).

**Across Separate Buildings:** Strip the outer jacket at one end of the shielded cable to expose the shield. In the same building that houses the control panel, connect the exposed shield to a cold water pipe or any other earth ground available, while leaving the shield at the other end of the cable open (floating). The same configuration applies to any subsequent building.

STEP 1: From “normal mode”, press the **[TRBL]** key.

STEP 2: Press the key corresponding to the trouble Group you wish to view.

| TROUBLE GROUP [1]: SYSTEM                                                                                  |                            |                     | TROUBLE GROUP [2]: COMMUNICATOR                                                              |                     |  |
|------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|----------------------------------------------------------------------------------------------|---------------------|--|
| [1] AC Failure                                                                                             | [4] Bell Current Limit     | [7] RAM Check Error | [1] TLM1                                                                                     | [4] Fail to Com. 3  |  |
| [2] Battery Trouble                                                                                        | [5] Bell Absent            |                     | [2] Fail to Com. 1                                                                           | [5] Fail to Com. 4  |  |
| [3] Aux. Current Limit                                                                                     | [6] ROM Check Error        |                     | [3] Fail to Com. 2                                                                           | [6] Fail to Com. PC |  |
| TROUBLE GROUP [3]: MODULE TROUBLE                                                                          |                            |                     | TROUBLE GROUP [4]: BUS TROUBLES                                                              |                     |  |
| [1] Module Tamper                                                                                          | [5] Printer Trouble        |                     | [1] Missing Keypad                                                                           | [6] General Failure |  |
| [2] Module ROM Check Error                                                                                 | [6] Module AC Failure      |                     | [2] Missing Module                                                                           | [7] Bus Overload    |  |
| [3] Module TLM Trouble                                                                                     | [7] Module Battery Failure |                     |                                                                                              |                     |  |
| [4] Module Fail to Com.                                                                                    | [8] Module Supply Output   |                     |                                                                                              |                     |  |
| TROUBLE GROUP [5]: ZONE TAMPER                                                                             |                            |                     | TROUBLE GROUP [6]: ZONE LOW BATTERY                                                          |                     |  |
| Press the [5] button to display the tampered zone or zones.                                                |                            |                     | Press the [6] button to display the zone(s) assigned to wireless devices with low batteries. |                     |  |
| TROUBLE GROUP [7]: ZONE FAULT                                                                              |                            |                     | TROUBLE GROUP [8]: CLOCK LOSS                                                                |                     |  |
| Press the [7] button to display the zone(s) experiencing a communication, a fire loop or CleanMe™ trouble. |                            |                     | Press the [8] button to re-program the time.                                                 |                     |  |

## NOTES

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.