



DIGI PLEX EVO

High Security and Access System
EVO48 V1.2
EVO192 V1.2

Programming Guide
Includes LCD Keypad
Programming


We hope this product performs to your complete satisfaction. Should you have any questions or comments, please visit www.paradox.com and send us your comments.

P **▲** **R** **▲** **D** **O** **X**[®]
S E C U R I T Y S Y S T E M S


New Remote Control Programming

Hardware Requirements


If the EVO48 System Includes:

| | |
|--|---|
|  MG-RTX3 Wireless Expansion Module And EVO641 / EVO641R keypad | Up to 96 remote controls can now be programmed into the EVO control panel and configured using a master code or installer code. See "Remote Control Programming" on page 35. |
|--|---|

If the EVO192 System Includes:

| | |
|---|--|
|  MG-RTX3 Wireless Expansion Module And: EVO641 / EVO641R keypad | Up to 999 remote controls can now be programmed into the EVO control panel and configured using a master code or installer code. See "Remote Control Programming" on page 35. |
|---|--|

If the System Includes:

| | |
|--|--|
|  MG-RTX3 Wireless Expansion Module But does not include: EVO641 / EVO641R keypad | Remote controls must be stored in the wireless expansion module (32 remotes per MG-RTX3). See "SECTION [3029] : System Options 1" on page 36. |
|--|--|

Hardware Differences

The programming for the EVO48 and EVO192 panels is identical. However, certain differences may affect how many elements can be programmed.

| Feature | EVO48 | EVO192 |
|---------------|---|-------------------------------|
| Zones | 48 | 192 |
| Partitions | 4 | 8 |
| Users | 96 | 999 |
| On-board PGMs | 2 (with 2 optional PGM output and 1 optional relay) | 5 (4 PGM outputs and 1 relay) |
| Modules | 127 | 254 |

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Warning or important information.



Suggestion or reminder.

Things You Should Know

About This Programming Guide

This programming guide should be used in conjunction with the *EVO Reference & Installation Manual* which can be downloaded from our website at paradox.com. Use this guide to record the settings programmed for this console.

Installer Code (Default: 000000)

The Installer code is used to enter programming mode, which allows you to program all the features, options and commands of the EVO **except** user codes. To modify the installer code, refer to section [1000], *Installer Code Programming* on page 28.

System Master Code (Default: 1234 / 123456)

With the System Master code a user can use any arming method and can program user codes. The System Master code can be 4 or 6 digits in length.

Panel and Codes Reset

To reset the system back to the factory defaults or custom defaults (if they have been programmed), press and hold the Reset button and the Aux button for 4 seconds (See "PCB Layout" on page 65.)

Entering Programming Mode

- 1) Press and hold the [0] key
- 2) Enter your [installer code]
- 3) Enter 4-digit [section] you wish to program
- 4) Enter required [data]

Decimal and Hexadecimal Programming Table

Certain sections may require the entry of one or more Hexadecimal values from 0 to F.

For LCD keypads:

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

For Grafica keypads:

| | | | |
|------------|---|-----------------------------------|---|
| [0] to [9] | = values 0 to 9 respectively | Right Action Key (Exit) | = Exit section without saving |
| [#] | = A to F (press the [#] key until the desired letter appears) | Center Action Key (Save) | = Save current data and advance to next section |

Serial Number List

| Module Type, Serial Number & Details | Module Type, Serial Number & Details | Module Type, Serial Number & Details | Module Type, Serial Number & Details |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|

1: _____ 13: _____ 25: _____ 37: _____

2: _____ 14: _____ 26: _____ 38: _____

3: _____ 15: _____ 27: _____ 39: _____

4: _____ 16: _____ 28: _____ 40: _____

5: _____ 17: _____ 29: _____ 41: _____

6: _____ 18: _____ 30: _____ 42: _____

7: _____ 19: _____ 31: _____ 43: _____

8: _____ 20: _____ 32: _____ 44: _____

9: _____ 21: _____ 33: _____ 45: _____

10: _____ 22: _____ 34: _____ 46: _____

11: _____ 23: _____ 35: _____ 47: _____

12: _____ 24: _____ 36: _____ 48: _____

| Module Type, Serial Number & Details | Module Type, Serial Number & Details | Module Type, Serial Number & Details | Module Type, Serial Number & Details |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 49: _____ | 62: _____ | 75: _____ | 88: _____ |
| 50: _____ | 63: _____ | 76: _____ | 89: _____ |
| 51: _____ | 64: _____ | 77: _____ | 90: _____ |
| 52: _____ | 65: _____ | 78: _____ | 91: _____ |
| 53: _____ | 66: _____ | 79: _____ | 92: _____ |
| 54: _____ | 67: _____ | 80: _____ | 93: _____ |
| 55: _____ | 68: _____ | 81: _____ | 94: _____ |
| 56: _____ | 69: _____ | 82: _____ | 95: _____ |
| 57: _____ | 70: _____ | 83: _____ | 96: _____ |
| 58: _____ | 71: _____ | 84: _____ | 97: _____ |
| 59: _____ | 72: _____ | 85: _____ | 98: _____ |
| 60: _____ | 73: _____ | 86: _____ | 99: _____ |
| 61: _____ | 74: _____ | 87: _____ | 100: _____ |

| Module Type, Serial Number & Details | Module Type, Serial Number & Details | Module Type, Serial Number & Details | Module Type, Serial Number & Details |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 101:_____ | 114:_____ | 127:_____ | 140:_____ |
| 102:_____ | 115:_____ | 128:_____ | 141:_____ |
| 103:_____ | 116:_____ | 129:_____ | 142:_____ |
| 104:_____ | 117:_____ | 130:_____ | 143:_____ |
| 105:_____ | 118:_____ | 131:_____ | 144:_____ |
| 106:_____ | 119:_____ | 132:_____ | 145:_____ |
| 107:_____ | 120:_____ | 133:_____ | 146:_____ |
| 108:_____ | 121:_____ | 134:_____ | 147:_____ |
| 109:_____ | 122:_____ | 135:_____ | 148:_____ |
| 110:_____ | 123:_____ | 136:_____ | 149:_____ |
| 111:_____ | 124:_____ | 137:_____ | 150:_____ |
| 112:_____ | 125:_____ | 138:_____ | 151:_____ |
| 113:_____ | 126:_____ | 139:_____ | 152:_____ |

| Module Type, Serial Number & Details | Module Type, Serial Number & Details | Module Type, Serial Number & Details | Module Type, Serial Number & Details |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 153:_____ | 166:_____ | 179:_____ | 192:_____ |
| 154:_____ | 167:_____ | 180:_____ | 193:_____ |
| 155:_____ | 168:_____ | 181:_____ | 194:_____ |
| 156:_____ | 169:_____ | 182:_____ | 195:_____ |
| 157:_____ | 170:_____ | 183:_____ | 196:_____ |
| 158:_____ | 171:_____ | 184:_____ | 197:_____ |
| 159:_____ | 172:_____ | 185:_____ | 198:_____ |
| 160:_____ | 173:_____ | 186:_____ | 199:_____ |
| 161:_____ | 174:_____ | 187:_____ | 200:_____ |
| 162:_____ | 175:_____ | 188:_____ | 201:_____ |
| 163:_____ | 176:_____ | 189:_____ | 202:_____ |
| 164:_____ | 177:_____ | 190:_____ | 203:_____ |
| 165:_____ | 178:_____ | 191:_____ | 204:_____ |

| Module Type, Serial Number & Details | | Module Type, Serial Number & Details | | Module Type, Serial Number & Details | | Module Type, Serial Number & Details | |
|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|
| 205: _____ | | 218: _____ | | 231: _____ | | 244: _____ | |
| 206: _____ | | 219: _____ | | 232: _____ | | 245: _____ | |
| 207: _____ | | 220: _____ | | 233: _____ | | 246: _____ | |
| 208: _____ | | 221: _____ | | 234: _____ | | 247: _____ | |
| 209: _____ | | 222: _____ | | 235: _____ | | 248: _____ | |
| 210: _____ | | 223: _____ | | 236: _____ | | 249: _____ | |
| 211: _____ | | 224: _____ | | 237: _____ | | 250: _____ | |
| 212: _____ | | 225: _____ | | 238: _____ | | 251: _____ | |
| 213: _____ | | 226: _____ | | 239: _____ | | 252: _____ | |
| 214: _____ | | 227: _____ | | 240: _____ | | 253: _____ | |
| 215: _____ | | 228: _____ | | 241: _____ | | 254: _____ | |
| 216: _____ | | 229: _____ | | 242: _____ | | | |
| 217: _____ | | 230: _____ | | 243: _____ | | | |

Zone Programming



Section **[0400]** is accessible only when using EVO641 and EVO641R keypads. Without section **[0400]**, you can only program the first 96 zones of the system using sections **[0001]** to **[0096]** for the zone's serial number and input, sections **[0101]** to **[0196]** for zone parameters, sections **[0201]** to **[0296]** for report codes and sections **[0301]** to **[0396]** for zone labels. In addition, with a EVO48 panel, you can only program the first 48 zones with or without section **[0400]**.

Enter Section **[0400]**, then enter the number of the zone you want to program



In any Zone Programming option, pressing **[ACC]** will save the data and go to the next zone on the same option screen. Pressing **[TRBL]** will save the data and go to the previous zone on the same option screen.

Enter the zone's 8-digit serial and 3-digit input number (The input number is not needed for module with only one input) Press **[0]** followed by **[Enter]** to clear a zone's serial number.

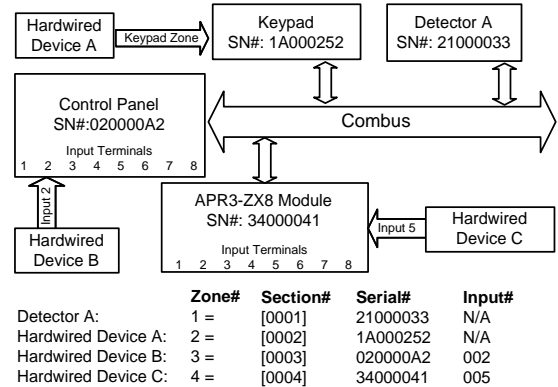
Enter the zone's parameters (01) (*2*4***) default

Enter the zone's report codes (00) (00) (00) (00) default

Enter the zone's label

Press **[ENTER]** to save and go to the next zone

Pressing **[CLEAR]** twice will exit the zone programming menus. Press **[ENTER]** before pressing clear to save your modifications.



| Zone Definition | Partition | Zone Option | | | | | | | |
|--|--|--|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 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 | 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 | [1] Auto Zone Shutdown Enabled [2] Bypass Enabled (default on) [3] Stay Zone [4] Force Zone (default on) [5] [6] <u>Zone Alarm Type</u> off off Steady Alarm off on Pulsed Alarm on off Silent Alarm on on Report Only [7] Intellizone [8] Delay before Transmission | | | | | | | |

| Alarm Report Code | Alarm Restore Report Code | Tamper Report Code | Tamper Restore Report Code |
|-------------------|---------------------------|--------------------|----------------------------|
| __ / __ | __ / __ | __ / __ | __ / __ |

Ademco slow, Silent Knight fast, SESCOA, Ademco express or Pager formats:
Key-in desired 2-digit hex 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 50. 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 hex value found in the *Contact ID Report Code List* on page 53.

SIA format:
Use section **[4032]** to program a set of SIA report codes from the *Automatic Report Code Programming* on page 50. 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 Information

Zone Programming

| Zone | Description | Module | 8-digit Serial Number | Input# | Define | Assign | Zone Options |
|------|-------------|--------|-----------------------|--------|--------|--------|-----------------|
| 1 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 2 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 3 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 4 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 5 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 6 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 7 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 8 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 9 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 10 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 11 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 12 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 13 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 14 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 15 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 16 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 17 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 18 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 19 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 20 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 21 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 22 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 23 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 24 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 25 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 26 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 27 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 28 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 29 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 30 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 31 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 32 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 33 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 34 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 35 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 36 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 37 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |

| Zone | Description | Module | 8-digit Serial Number | Input# | Define | Assign | Zone Options |
|------|-------------|--------|-----------------------|--------|--------|--------|-----------------|
| 38 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 39 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 40 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 41 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 42 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 43 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 44 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 45 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 46 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 47 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 48 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 49 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 50 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 51 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 52 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 53 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 54 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 55 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 56 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 57 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 58 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 59 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 60 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 61 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 62 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 63 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 64 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 65 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 66 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 67 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 68 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 69 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 70 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 71 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 72 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 73 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 74 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 75 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 76 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 77 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 78 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |

| Zone | Description | Module | 8-digit Serial Number | Input# | Define | Assign | Zone Options |
|------|-------------|--------|-----------------------|--------|--------|--------|-----------------|
| 79 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 80 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 81 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 82 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 83 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 84 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 85 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 86 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 87 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 88 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 89 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 90 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 91 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 92 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 93 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 94 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 95 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 96 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 97 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 98 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 99 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 100 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 101 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 102 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 103 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 104 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 105 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 106 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 107 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 108 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 109 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 110 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 111 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 112 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 113 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 114 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 115 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 116 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 117 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 118 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 119 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |

| Zone | Description | Module | 8-digit Serial Number | Input# | Define | Assign | Zone Options |
|------|-------------|--------|-----------------------|--------|--------|--------|-----------------|
| 120 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 121 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 122 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 123 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 124 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 125 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 126 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 127 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 128 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 129 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 130 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 131 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 132 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 133 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 134 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 135 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 136 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 137 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 138 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 139 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 140 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 141 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 142 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 143 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 144 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 145 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 146 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 147 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 148 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 149 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 150 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 151 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 152 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 153 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 154 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 155 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 156 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 157 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 158 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 159 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 160 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |

| Zone | Description | Module | 8-digit Serial Number | Input# | Define | Assign | Zone Options |
|------|-------------|--------|-----------------------|--------|--------|--------|-----------------|
| 161 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 162 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 163 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 164 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 165 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 166 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 167 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 168 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 169 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 170 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 171 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 172 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 173 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 174 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 175 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 176 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 177 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 178 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 179 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 180 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 181 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 182 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 183 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 184 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 185 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 186 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 187 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 188 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 189 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 190 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 191 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |
| 192 | | | / / / / / / / / | / / / | — | — | 1 2 3 4 5 6 7 8 |

Zone report codes

| Zone # | Alarm Report Codes | Alarm Restore Report Codes | Tamper Report Codes | Tamper Restore Report Codes | Zone # | Alarm Report Codes | Alarm Restore Report Codes | Tamper Report Codes | Tamper Restore Report Codes |
|--------|--------------------|----------------------------|---------------------|-----------------------------|--------|--------------------|----------------------------|---------------------|-----------------------------|
| 1 | / | / | / | / | 43 | / | / | / | / |
| 2 | / | / | / | / | 44 | / | / | / | / |
| 3 | / | / | / | / | 45 | / | / | / | / |
| 4 | / | / | / | / | 46 | / | / | / | / |
| 5 | / | / | / | / | 47 | / | / | / | / |
| 6 | / | / | / | / | 48 | / | / | / | / |
| 7 | / | / | / | / | 49 | / | / | / | / |
| 8 | / | / | / | / | 50 | / | / | / | / |
| 9 | / | / | / | / | 51 | / | / | / | / |
| 10 | / | / | / | / | 52 | / | / | / | / |
| 11 | / | / | / | / | 53 | / | / | / | / |
| 12 | / | / | / | / | 54 | / | / | / | / |
| 13 | / | / | / | / | 55 | / | / | / | / |
| 14 | / | / | / | / | 56 | / | / | / | / |
| 15 | / | / | / | / | 57 | / | / | / | / |
| 16 | / | / | / | / | 58 | / | / | / | / |
| 17 | / | / | / | / | 59 | / | / | / | / |
| 18 | / | / | / | / | 60 | / | / | / | / |
| 19 | / | / | / | / | 61 | / | / | / | / |
| 20 | / | / | / | / | 62 | / | / | / | / |
| 21 | / | / | / | / | 63 | / | / | / | / |
| 22 | / | / | / | / | 64 | / | / | / | / |
| 23 | / | / | / | / | 65 | / | / | / | / |
| 24 | / | / | / | / | 66 | / | / | / | / |
| 25 | / | / | / | / | 67 | / | / | / | / |
| 26 | / | / | / | / | 68 | / | / | / | / |
| 27 | / | / | / | / | 69 | / | / | / | / |
| 28 | / | / | / | / | 70 | / | / | / | / |
| 29 | / | / | / | / | 71 | / | / | / | / |
| 30 | / | / | / | / | 72 | / | / | / | / |
| 31 | / | / | / | / | 73 | / | / | / | / |
| 32 | / | / | / | / | 74 | / | / | / | / |
| 33 | / | / | / | / | 75 | / | / | / | / |
| 34 | / | / | / | / | 76 | / | / | / | / |
| 35 | / | / | / | / | 77 | / | / | / | / |
| 36 | / | / | / | / | 78 | / | / | / | / |
| 37 | / | / | / | / | 79 | / | / | / | / |
| 38 | / | / | / | / | 80 | / | / | / | / |
| 39 | / | / | / | / | 81 | / | / | / | / |
| 40 | / | / | / | / | 82 | / | / | / | / |
| 41 | / | / | / | / | 83 | / | / | / | / |
| 42 | / | / | / | / | 84 | / | / | / | / |

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| 175 | / | / | / | / | 184 | / | / | / | / |
| 176 | / | / | / | / | 185 | / | / | / | / |
| 177 | / | / | / | / | 186 | / | / | / | / |
| 178 | / | / | / | / | 187 | / | / | / | / |
| 179 | / | / | / | / | 188 | / | / | / | / |
| 180 | / | / | / | / | 189 | / | / | / | / |
| 181 | / | / | / | / | 190 | / | / | / | / |
| 182 | / | / | / | / | 191 | / | / | / | / |
| 183 | / | / | / | / | 192 | / | / | / | / |

Zone Labels

| Zone # | Zone Label | Zone # | Zone Label | Zone # | Zone Label |
|--------|------------|--------|------------|--------|------------|
| 1 | / | 31 | / | 61 | / |
| 2 | / | 32 | / | 62 | / |
| 3 | / | 33 | / | 63 | / |
| 4 | / | 34 | / | 64 | / |
| 5 | / | 35 | / | 65 | / |
| 6 | / | 36 | / | 66 | / |
| 7 | / | 37 | / | 67 | / |
| 8 | / | 38 | / | 68 | / |
| 9 | / | 39 | / | 69 | / |
| 10 | / | 40 | / | 70 | / |
| 11 | / | 41 | / | 71 | / |
| 12 | / | 42 | / | 72 | / |
| 13 | / | 43 | / | 73 | / |
| 14 | / | 44 | / | 74 | / |
| 15 | / | 45 | / | 75 | / |
| 16 | / | 46 | / | 76 | / |
| 17 | / | 47 | / | 77 | / |
| 18 | / | 48 | / | 78 | / |
| 19 | / | 49 | / | 79 | / |
| 20 | / | 50 | / | 80 | / |
| 21 | / | 51 | / | 81 | / |
| 22 | / | 52 | / | 82 | / |
| 23 | / | 53 | / | 83 | / |
| 24 | / | 54 | / | 84 | / |
| 25 | / | 55 | / | 85 | / |
| 26 | / | 56 | / | 86 | / |
| 27 | / | 57 | / | 87 | / |
| 28 | / | 58 | / | 88 | / |
| 29 | / | 59 | / | 89 | / |
| 30 | / | 60 | / | 90 | / |

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|-----|-----|-----|-----|-----|-----|
| 91 | /// | 126 | /// | 161 | /// |
| 92 | /// | 127 | /// | 162 | /// |
| 93 | /// | 128 | /// | 163 | /// |
| 94 | /// | 129 | /// | 164 | /// |
| 95 | /// | 130 | /// | 165 | /// |
| 96 | /// | 131 | /// | 166 | /// |
| 97 | /// | 132 | /// | 167 | /// |
| 98 | /// | 133 | /// | 168 | /// |
| 99 | /// | 134 | /// | 169 | /// |
| 100 | /// | 135 | /// | 170 | /// |
| 101 | /// | 136 | /// | 171 | /// |
| 102 | /// | 137 | /// | 172 | /// |
| 103 | /// | 138 | /// | 173 | /// |
| 104 | /// | 139 | /// | 174 | /// |
| 105 | /// | 140 | /// | 175 | /// |
| 106 | /// | 141 | /// | 176 | /// |
| 107 | /// | 142 | /// | 177 | /// |
| 108 | /// | 143 | /// | 178 | /// |
| 109 | /// | 144 | /// | 179 | /// |
| 110 | /// | 145 | /// | 180 | /// |
| 111 | /// | 146 | /// | 181 | /// |
| 112 | /// | 147 | /// | 182 | /// |
| 113 | /// | 148 | /// | 183 | /// |
| 114 | /// | 149 | /// | 184 | /// |
| 115 | /// | 150 | /// | 185 | /// |
| 116 | /// | 151 | /// | 186 | /// |
| 117 | /// | 152 | /// | 187 | /// |
| 118 | /// | 153 | /// | 188 | /// |
| 119 | /// | 154 | /// | 189 | /// |
| 120 | /// | 155 | /// | 190 | /// |
| 121 | /// | 156 | /// | 191 | /// |
| 122 | /// | 157 | /// | 192 | /// |
| 123 | /// | 158 | /// | | |
| 124 | /// | 159 | /// | | |
| 125 | /// | 160 | /// | | |

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.

KEYSWITCH PARAMETERS

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

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 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 on Open**
- 4- Generates a Utility Key Event on Open and Close**

Keyswitch Options

(default: all Off)

- [3] Disarm Only
- [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 |
|-----------|-------------|--------|---------|----------------------------|----------|---------|--------|--------|-------------------|
| 1 | | | [0501] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0601] | _____ | _____ | 3 4 5 6 7 8 |
| 2 | | | [0502] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0602] | _____ | _____ | 3 4 5 6 7 8 |
| 3 | | | [0503] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0603] | _____ | _____ | 3 4 5 6 7 8 |
| 4 | | | [0504] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0604] | _____ | _____ | 3 4 5 6 7 8 |
| 5 | | | [0505] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0605] | _____ | _____ | 3 4 5 6 7 8 |
| 6 | | | [0506] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0606] | _____ | _____ | 3 4 5 6 7 8 |
| 7 | | | [0507] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0607] | _____ | _____ | 3 4 5 6 7 8 |
| 8 | | | [0508] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0608] | _____ | _____ | 3 4 5 6 7 8 |
| 9 | | | [0509] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0609] | _____ | _____ | 3 4 5 6 7 8 |
| 10 | | | [0510] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0610] | _____ | _____ | 3 4 5 6 7 8 |
| 11 | | | [0511] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0611] | _____ | _____ | 3 4 5 6 7 8 |
| 12 | | | [0512] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0612] | _____ | _____ | 3 4 5 6 7 8 |
| 13 | | | [0513] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0613] | _____ | _____ | 3 4 5 6 7 8 |
| 14 | | | [0514] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0614] | _____ | _____ | 3 4 5 6 7 8 |
| 15 | | | [0515] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0615] | _____ | _____ | 3 4 5 6 7 8 |
| 16 | | | [0516] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0616] | _____ | _____ | 3 4 5 6 7 8 |
| 17 | | | [0517] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0617] | _____ | _____ | 3 4 5 6 7 8 |
| 18 | | | [0518] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0618] | _____ | _____ | 3 4 5 6 7 8 |
| 19 | | | [0519] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0619] | _____ | _____ | 3 4 5 6 7 8 |
| 20 | | | [0520] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0620] | _____ | _____ | 3 4 5 6 7 8 |
| 21 | | | [0521] | _/ _/ _/ _/ _/ _/ _/ _/ _/ | _/ _/ _/ | [0621] | _____ | _____ | 3 4 5 6 7 8 |

**If you wish to use this keyswitch definition, one or more PGMs must be programmed with the Utility Key event (Event Group #048; see page 25).

| Keyswitch | Description | Module | Section | 8-digit Serial Number | Input# | Section | Define | Assign | Keyswitch Options |
|-----------|-------------|--------|---------|-----------------------|--------|---------|--------|--------|-------------------|
| 22 | | | [0522] | __/_/__/__/_/__/__/_/ | __/_/ | [0622] | _____ | _____ | 3 4 5 6 7 8 |
| 23 | | | [0523] | __/_/__/__/_/__/__/_/ | __/_/ | [0623] | _____ | _____ | 3 4 5 6 7 8 |
| 24 | | | [0524] | __/_/__/__/_/__/__/_/ | __/_/ | [0624] | _____ | _____ | 3 4 5 6 7 8 |
| 25 | | | [0525] | __/_/__/__/_/__/__/_/ | __/_/ | [0625] | _____ | _____ | 3 4 5 6 7 8 |
| 26 | | | [0526] | __/_/__/__/_/__/__/_/ | __/_/ | [0626] | _____ | _____ | 3 4 5 6 7 8 |
| 27 | | | [0527] | __/_/__/__/_/__/__/_/ | __/_/ | [0627] | _____ | _____ | 3 4 5 6 7 8 |
| 28 | | | [0528] | __/_/__/__/_/__/__/_/ | __/_/ | [0628] | _____ | _____ | 3 4 5 6 7 8 |
| 29 | | | [0529] | __/_/__/__/_/__/__/_/ | __/_/ | [0629] | _____ | _____ | 3 4 5 6 7 8 |
| 30 | | | [0530] | __/_/__/__/_/__/__/_/ | __/_/ | [0630] | _____ | _____ | 3 4 5 6 7 8 |
| 31 | | | [0531] | __/_/__/__/_/__/__/_/ | __/_/ | [0631] | _____ | _____ | 3 4 5 6 7 8 |
| 32 | | | [0532] | __/_/__/__/_/__/__/_/ | __/_/ | [0632] | _____ | _____ | 3 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 hex 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 50. 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 hex value found in the *Contact ID Report Code List* on page 53.

SIA format:

Use section [4033] to program a set of SIA report codes from the *Automatic Report Code Programming* on page 50. 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. |
| [0904] | Test PGM4: Activates PGM4 for 8 seconds to verify if the PGM is functioning correctly. |
| [0905] | Test PGM5: Activates PGM5 for 8 seconds to verify if the PGM is functioning correctly. |

PGM Delay

| Section | Data | Description | Default |
|---------|--|---|---------------|
| [0918] | ___/___/___ (001 to 255 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] | ___/___/___ (001 to 255 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] | ___/___/___ (001 to 255 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. |
| [0948] | ___/___/___ (001 to 255 x 1 sec./mins.) | PGM4 Delay (refer to section [0949] option [2] to see whether the delay is in seconds or minutes) | 5 secs./mins. |
| [0958] | ___/___/___ (001 to 255 x 1 sec./mins.) | PGM5 Delay (refer to section [0959] 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] | | PGM4 [0949] | | PGM5 [0959] | |
|------------|---|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|
| | | OFF Disabled | ON Enabled | OFF Disabled | ON Enabled | OFF Disabled | ON Enabled | OFF Disabled | ON Enabled | OFF Disabled | ON Enabled |
| [1] | PGM Deactivation After (OFF = Deactivation Event; ON = PGM Timer) | Δ | □ | Δ | □ | Δ | □ | Δ | □ | Δ | □ |
| [2] | PGM Base Time (OFF = Seconds; ON = Minutes) | Δ | □ | Δ | □ | Δ | □ | Δ | □ | Δ | □ |
| [3] | Flexible PGM Deactivation Option (OFF = PGM Timer Only; ON = PGM Timer and/or Deactivation Event) | Δ | □ | Δ | □ | Δ | □ | Δ | □ | Δ | □ |
| [4] | PGM Initial State (OFF = Normally Open; ON = Normally Closed) | Δ | □ | Δ | □ | Δ | □ | Δ | □ | Δ | □ |
| [5] to [8] | Future Use | N/A | N/A | N/A | N/A | 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] ___/___/___ |
| | PGM4 | [0940] ___/___/___ | [0941] ___/___/___ | [0942] ___/___/___ | [0943] ___/___/___ |
| | PGM5 | [0950] ___/___/___ | [0951] ___/___/___ | [0952] ___/___/___ | [0953] ___/___/___ |
| PGM Deactivation | PGM1 | [0914] ___/___/___ | [0915] ___/___/___ | [0916] ___/___/___ | [0917] ___/___/___ |
| | PGM2 | [0924] ___/___/___ | [0925] ___/___/___ | [0926] ___/___/___ | [0927] ___/___/___ |
| | PGM3 | [0934] ___/___/___ | [0935] ___/___/___ | [0936] ___/___/___ | [0937] ___/___/___ |
| | PGM4 | [0944] ___/___/___ | [0945] ___/___/___ | [0946] ___/___/___ | [0947] ___/___/___ |
| | PGM5 | [0954] ___/___/___ | [0955] ___/___/___ | [0956] ___/___/___ | [0957] ___/___/___ |

| Event Group | Event | Feature Group | Feature | Start # | End # |
|-------------|------------------------------|-------------------------|--------------|------------|------------|
| 000 | Zone is OK | 000 255 = any Zone # | Zone Numbers | 001 to 192 | 001 to 192 |
| 001 | Zone is Open | | | 001 to 192 | 001 to 192 |
| 002 | Zone is Tampered | | | 001 to 192 | 001 to 192 |
| 003 | Zone is in Fire Loop Trouble | | | 001 to 192 | 001 to 192 |
| 004 | Non-reportable Event | 000 | TLM Trouble | 000 | 000 |

| Event Group | Event | Feature Group | Feature | Start # | End # |
|-------------|-----------------------------|---------------|---|------------|------------|
| 004 | Non-reportable Event | 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 |
| | | | PC Fail to communicate | 008 | 008 |
| | | | Midnight | 009 | 009 |
| | | | NEware User Login | 010 | 010 |
| | | | NEware User Logout | 011 | 011 |
| | | | User Initiated Callup | 012 | 012 |
| | | | Force Answer | 013 | 013 |
| | | | Force Hangup | 014 | 014 |
| | | | Future Use | 015 | 015 |
| | | | Auxiliary Output Manually Activated | 016 | 016 |
| | | | Auxiliary Output Manually Deactivated | 017 | 017 |
| | | | Voice Reporting Failed | 018 | 018 |
| | | | FTC Restore | 019 | 019 |
| | | | Software Access (VDMP3, IP100, NEware, WinLoad) | 020 | 020 |
| | | 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 |
| | | | Delinquency Closing | 009 | 009 |
| | | 255 | Any special arming event | Not Used | Not Used |

| Event Group | Event | Feature Group | Feature | Start # | End # |
|-------------|-----------------------------------|-------------------------|------------------------------------|------------|------------|
| 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 |
| 016 | Disarm after alarm 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 |
| 017 | Disarm after alarm 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 |
| 018 | Disarm after alarm with Keyswitch | 000 | Keyswitch numbers | 001 to 032 | 001 to 032 |
| | | 255 | Any keyswitch | Not Used | Not Used |
| 019 | Alarm Cancelled 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 |
| 020 | Alarm Cancelled 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 |
| 021 | Alarm Cancelled with Keyswitch | 000 | Keyswitch numbers | 001 to 032 | 001 to 032 |
| | | 255 | Any keyswitch | Not Used | Not Used |
| 022 | Special Disarming | 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 | Zone Bypassed | 000 255 = any zone # | Zone Numbers | 001 to 192 | 001 to 192 |
| 024 | Zone in Alarm | | | 001 to 192 | 001 to 192 |
| 025 | Fire Alarm | | | 001 to 192 | 001 to 192 |
| 026 | Zone Alarm Restore | | | 001 to 192 | 001 to 192 |
| 027 | Fire Alarm Restore | | | 001 to 192 | 001 to 192 |
| 028 | Early to Disarm 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 |

| Event Group | Event | Feature Group | Feature | Start # | End # |
|-------------|------------------------|-------------------------|----------------------------------|------------|------------|
| 029 | Late to Disarm 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 |
| 030 | Special Alarm | 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 | Duress Alarm 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 |
| 032 | Zone Shutdown | 000 255 = any zone # | Zone Numbers | 001 to 192 | 001 to 192 |
| 033 | Zone Tamper | | | 001 to 192 | 001 to 192 |
| 034 | Zone Tamper Restore | | | 001 to 192 | 001 to 192 |
| 035 | Special Tamper | 000 | Keypad Lockout | 000 | 000 |
| 036 | Trouble Event | 000 | Future Use | 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 | Trouble Restore | 000 | TLM Trouble | 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 | Module Trouble | 000 | Combus 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 | Module Trouble Restore | 000 | Combus 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 |

| Event Group | Event | Feature Group | Feature | Start # | End # |
|-------------|---|------------------------------|---------------------------------|------------|------------|
| 040 | Fail to Communicate on Telephone Number | 000 | Telephone Number | 001 to 004 | 001 to 004 |
| | | 255 | Any telephone number | Not Used | Not Used |
| 041 | Low Battery on Zone | 000 255 = any Zone # | Zone Numbers | 001 to 192 | 001 to 192 |
| 042 | Zone Supervision Trouble | | | 001 to 192 | 001 to 192 |
| 043 | Low Battery on Zone Restored | | | 001 to 192 | 001 to 192 |
| 044 | Zone Supervision Trouble Restored | | | 001 to 192 | 001 to 192 |
| 045 | Special Events | 000 | Power up after total power down | 000 | 000 |
| | | | Software reset (Watchdog) | 001 | 001 |
| | | | Test Report | 002 | 002 |
| | | | Listen-In Request | 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 |
| 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 | 000 | Utility Key 001 to 064*† | 001 to 064 | 001 to 064 |
| | | 255 | Any Utility Key*† | Not Used | Not Used |
| 049 | Request for Exit | 000 255 = any Door 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 192 | 001 to 192 |
| | | 255 | Any zone number | Not Used | Not Used |
| 056 | Zone Excluded on Force Arming | 000 | Zone Numbers | 001 to 192 | 001 to 192 |
| 057 | Zone Went Back to Arm Status | 255 = Any Zone | Zone Numbers | 001 to 192 | 001 to 192 |
| 058 | New Module Assigned on Combust | 000 255 = Any Module | Module Address | 001 to 254 | 001 to 254 |
| 059 | Module Manually Removed From Combust | | Module Address | 001 to 254 | 001 to 254 |
| 060 | Non Saved Event | 000 | Remote Control Rejected | 000 | 000 |
| 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 |

*: See page 27

†: See page 27

| Event Group | Event | Feature Group | Feature | Start # | End # |
|-------------|----------------|--------------------------|---|------------|------------|
| 064 | Status 1 | See Note 1 on page 27 | 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 on page 27 | 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 on page 27 | Intellizone Delay Engaged** | 000 | 000 |
| | | | Fire Delay Engaged | 001 | 001 |
| | | | Auto Arm | 002 | 002 |
| | | | Arming with Voice Module (set until Exit Delay finishes) | 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 (000 to 003 = System 1 to 4) | 000 to 003 | 000 to 003 |
| | | | Smoke Detector Power Reset | 004 | 004 |
| | | | Ground Start | 005 | 005 |
| | | | Kiss Off | 006 | 006 |
| | | | Telephone Ring | 007 | 007 |
| | | | Bell on Partition 1 to 8 (008 to 015 = Partitions 1 to 8) | 008 to 015 | 008 to 015 |
| | | | Pulsed Alarm in Partition 1 to 8 (016 to 023 = Partitions 1 to 8) | 016 to 023 | 016 to 023 |
| | | | Open/close Kiss Off in Partition 1 to 8 (024 to 031 = Partitions 1 to 8) | 024 to 031 | 024 to 031 |
| | | | Keyswitch/PGM Inputs # 01 to 32 (032 to 063 = Keyswitch/PGM Inputs # 01 to 32) | 032 to 063 | 032 to 063 |
| | | | Status of Access Door 01 to 32 (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 Combustion | 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 |

| Event Group | Event | Feature Group | Feature | Start # | End # |
|-------------|----------------|---------------|-------------------------------|------------|------------|
| 067 | Special Status | N/A | 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 Combustion Failure | 133 | 133 |
| | | | Combustion Overload | 134 | 134 |
| | | | Future Use | 135 | 135 |
| | | | Dialer Relay | 136 | 136 |
| 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

*: If a Keyswitch Input is used, the input must be defined as “Generates a Utility Key Event on Open” or “Generates a Utility Key Event on Open and Close”. If a remote control is used, the remote control button must be defined as a Utility Key button.

** This event cannot be used for a module’s PGM programming.

†: Actions that Activate a Utility Key Event:

| Utility Key Event | Actions | | | |
|----------------------|----------------------------|--|--|--------------------------------------|
| | Keypad Utility Keys | Keyswitch Inputs (definition = [3]) | Keyswitch Inputs (definition = [4]) | Remote Control |
| Utility Key Event 1 | [1] & [2] | KS** Input 1 opens | KS** Input 1 opens | Utility Key 1 RC button [†] |
| Utility Key Event 2 | [4] & [5] | KS** Input 2 opens | KS** Input 1 closes | Utility Key 2 RC button [†] |
| Utility Key Event 3 | [7] & [8] | KS** Input 3 opens | KS** Input 2 opens | Utility Key 3 RC button [†] |
| Utility Key Event 4 | [CLEAR] & [0] or [*] & [0] | KS** Input 4 opens | KS** Input 2 closes | Utility Key 4 RC button [†] |
| Utility Key Event 5 | [2] & [3] | KS** Input 5 opens | KS** Input 3 opens | Utility Key 5 RC button [†] |
| Utility Key Event 6 | [5] & [6] | KS** Input 6 opens | KS** Input 3 closes | N/A |
| Utility Key Event 7 | [8] & [9] | KS** Input 7 opens | KS** Input 4 opens | N/A |
| Utility Key Event 8 | [0] & [ENTER] or [0] & [#] | KS** Input 8 opens | KS** Input 4 closes | N/A |
| Utility Key Event 9 | N/A | KS** Input 9 opens | KS** Input 5 opens | N/A |
| Utility Key Event 10 | N/A | KS** Input 10 opens | KS** Input 5 closes | N/A |
| Utility Key Event 11 | N/A | KS** Input 11 opens | KS** Input 6 opens | N/A |
| Utility Key Event 12 | N/A | KS** Input 12 opens | KS** Input 6 closes | N/A |
| Utility Key Event 13 | N/A | KS** Input 13 opens | KS** Input 7 opens | N/A |
| Utility Key Event 14 | N/A | KS** Input 14 opens | KS** Input 7 closes | N/A |
| Utility Key Event 15 | N/A | KS** Input 15 opens | KS** Input 8 opens | N/A |
| Utility Key Event 16 | N/A | KS** Input 16 opens | KS** Input 8 closes | N/A |
| Utility Key Event 17 | N/A | KS** Input 17 opens | KS** Input 9 opens | N/A |
| Utility Key Event 18 | N/A | KS** Input 18 opens | KS** Input 9 closes | N/A |
| ↓ | N/A | ↓ | ↓ | N/A |
| Utility Key Event 31 | N/A | KS** Input 31 opens | KS** Input 16 opens | N/A |
| Utility Key Event 32 | N/A | KS** Input 32 opens | KS** Input 16 closes | N/A |
| Utility Key Event 33 | N/A | N/A | KS** Input 17 opens | N/A |
| Utility Key Event 34 | N/A | N/A | KS** Input 17 closes | N/A |
| ↓ | N/A | N/A | ↓ | N/A |
| Utility Key Event 63 | N/A | N/A | KS** Input 32 opens | N/A |
| Utility Key Event 64 | N/A | N/A | KS** Input 32 closes | N/A |

** Keyswitch

[†] Refer to the MG-RTX3 *Reference and Installation Manual* for remote control button programming instructions.

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 (ATZ OF INPUT 01) | 600 msec. |
| [0970] | __/_/___ (001 to 255) x 30 msec. | INPUT SPEED OF INPUT 10 (ATZ OF INPUT 02) | 600 msec. |
| [0971] | __/_/___ (001 to 255) x 30 msec. | INPUT SPEED OF INPUT 11 (ATZ OF INPUT 03) | 600 msec. |
| [0972] | __/_/___ (001 to 255) x 30 msec. | INPUT SPEED OF INPUT 12 (ATZ OF INPUT 04) | 600 msec. |
| [0973] | __/_/___ (001 to 255) x 30 msec. | INPUT SPEED OF INPUT 13 (ATZ OF INPUT 05) | 600 msec. |
| [0974] | __/_/___ (001 to 255) x 30 msec. | INPUT SPEED OF INPUT 14 (ATZ OF INPUT 06) | 600 msec. |
| [0975] | __/_/___ (001 to 255) x 30 msec. | INPUT SPEED OF INPUT 15 (ATZ OF INPUT 07) | 600 msec. |
| [0976] | __/_/___ (001 to 255) x 30 msec. | INPUT SPEED OF INPUT 16 (ATZ OF INPUT 08) | 600 msec. |

Installer Code Programming

| Section | Data | Description | Default |
|---------|------------------|---|---------|
| [1000] | __/_/___/___/___ | INSTALLER CODE (REFER TO SECTION [3001], <i>Installer lock</i> ON PAGE 36) | 000000 |

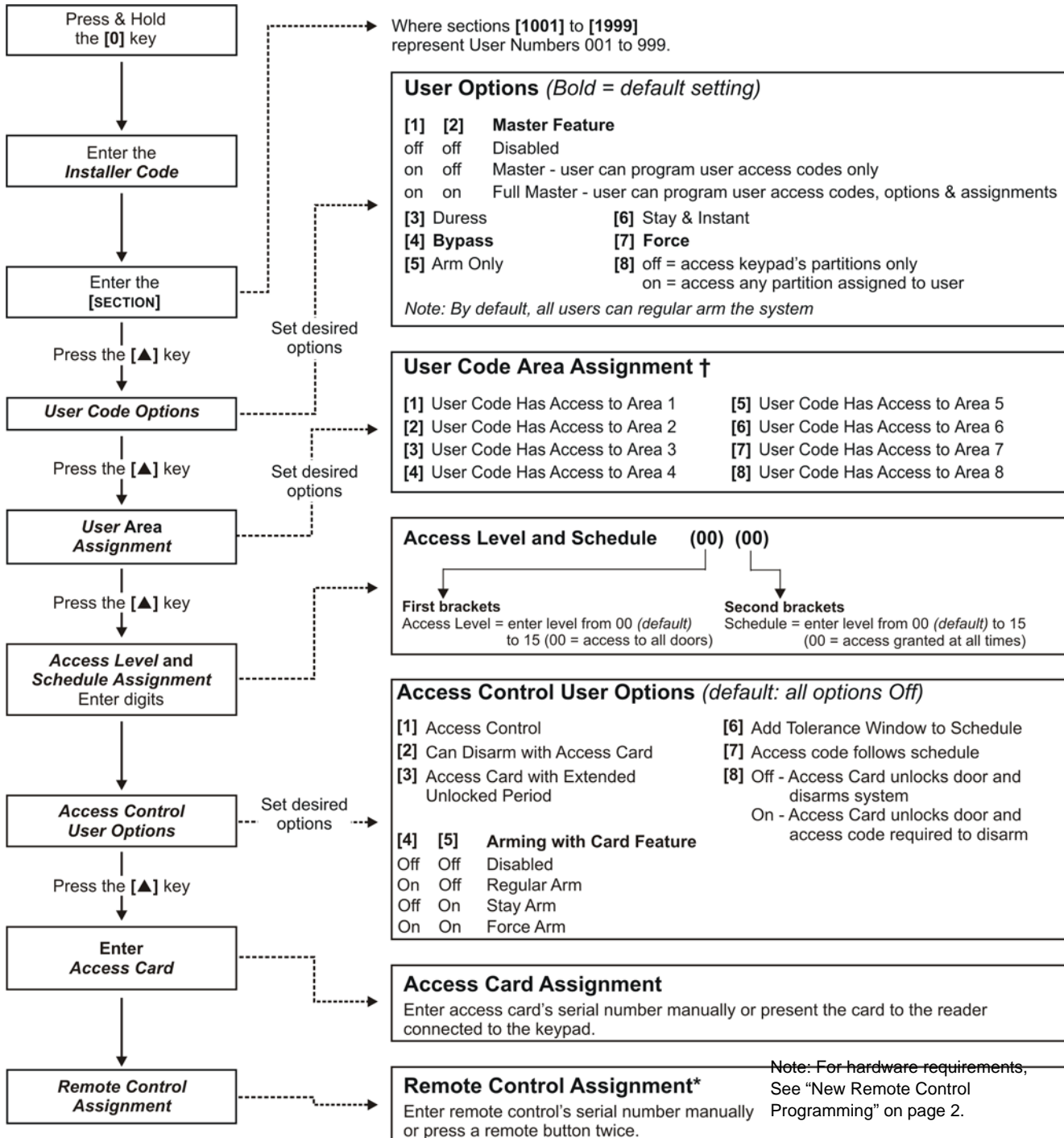
User Code Options

Sections [1001] to [1999]

The instructions that follow detail how to program access codes when using an LCD keypad. Program User Code Options, Partition Assignment and Access Control features for users 001 to 999. Refer to the appropriate keypad User's Manual for instructions on how certain users can program these values. For instructions on how to program users when using a Grafica keypad, refer to Grafica's User Manual. A complete Grafica User Manual is available on our Web site at paradox.com.



To program user labels, refer to the LCD Keypad User Guide.



Press [ENTER] or the [▲] key to save and advance to the next section

† Note: The default setting depends on the programming user's assigned partitions. For example, when a user (with master feature) that is assigned to partitions 1 and 2 programs a user code, partitions 1 and 2 will be the default setting for the new user.

* Remote controls can also be assigned using a Master Code.

Arming and Disarming Report Codes

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

Key-in desired 2-digit hex 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 50. 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 hex value found in the *Contact ID Report Code List* on page 53.

SIA format:

Use section [4033] to program a set of SIA report codes from the *Automatic Report Code Programming* on page 50. 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 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*. **Note: Under the Door Numbering column (see below), enter the 8-digit serial number of the Access Control Module or Keypad.**

| Door Numbering | | | Door Options | | 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. (EVO641 / EVO641R 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. (LCD keypad with reader, and PosiPIN™ reader 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 to 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 |
| | | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2412] | 012 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____ : ____ | ____ : ____ | 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 |
| SECONDARY SCHEDULES | [2413] | 013 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2414] | 014 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2415] | 015 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2416] | 016 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2417] | 017 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2418] | 018 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2419] | 019 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2420] | 020 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2421] | 021 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2422] | 022 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2423] | 023 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2424] | 024 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2425] | 025 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2426] | 026 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2427] | 027 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2428] | 028 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2429] | 029 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2430] | 030 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2431] | 031 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | [2432] | 032 | Schedule A | ____:____ | ____:____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 |
| | | | Schedule B | ____:____ | ____:____ | 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 32) 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 Doors 01 to 08 | Second Screen Doors 09 to 16 | Third Screen Doors 17 to 24 | Fourth Screen 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 29), access is permitted to users during the days programmed in the sections below.

| Section | Month | Days | | | |
|---------|-----------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|
| | | First Screen Days 01 to 08 | Second Screen Days 09 to 16 | Third Screen Days 17 to 24 | Fourth Screen 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 * |
| [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 | ____/____/____/____ | | | |

Remote Control Programming

It is possible to set up to 16 different button templates which can then be assigned to individual users. Each user is pre-programmed with a default remote control button pattern: (1 B) (C 0) (template 0).



For hardware requirements, See "New Remote Control Programming" on page 2.

Remote Control Templates

| Section | Template # | Button Options | Section | Template # | Button Options | Section | Description |
|---------|------------|----------------|---------|-------------|----------------|---------|-------------------------|
| [2900] | Template 0 | (__)(__) | [2908] | Template 8 | (__)(__) | [2940] | Default Button Template |
| [2901] | Template 1 | (__)(__) | [2909] | Template 9 | (__)(__) | | |
| [2902] | Template 2 | (__)(__) | [2910] | Template 10 | (__)(__) | | |
| [2903] | Template 3 | (__)(__) | [2911] | Template 11 | (__)(__) | | |
| [2904] | Template 4 | (__)(__) | [2912] | Template 12 | (__)(__) | | |
| [2905] | Template 5 | (__)(__) | [2913] | Template 13 | (__)(__) | [2941] | Assign Button Template |
| [2906] | Template 6 | (__)(__) | [2914] | Template 14 | (__)(__) | | |
| [2907] | Template 7 | (__)(__) | [2915] | Template 15 | (__)(__) | | |
| | | | | | | | |

To select a button template as the default template, enter (00) to (15) representing button templates in sections [2900] to [2915].

To assign a button template to a user, select user when prompted, then enter (00) to (15) representing button templates in sections [2900] to [2915]. If user 000 is selected, all users are modified.

| | | | | | |
|---|-------------|---------------|---------------|----------|----------------------------|
| <div> <div>(1B) (C0) (00) (00) <u>future use</u></div> <div> <div>Button 1</div> <div>Button 2</div> <div>Button 3</div> <div>Buttons 2+3</div> <div>Disarm</div> </div> </div> | | | | | |
| MG-REM1 | | | | | |
| MG-REM2 | | | | | |
| Default (1 B) (C 0) | Regular Arm | Utility Key 1 | Utility Key 2 | Disabled | Disarm: cannot be modified |

Table 1: Template Entries

| Entry | Function | Entry | Function |
|-------|-----------------|--------------|---------------|
| [0] | Button Disabled | [8] | Panic 1 |
| [1] | Regular Arm | [9] | Panic 2 |
| [2] | Stay Arm | A = [stay] | Panic 3 |
| [3] | Instant Arm* | B = [force] | Utility Key 1 |
| [4] | Force Arm* | C = [arm] | Utility Key 2 |
| [5] | N/A | D = [disarm] | Utility Key 3 |
| [6] | N/A | E = [byp] | Utility Key 4 |
| [7] | N/A | F = [mem] | N/A |

* Version V1.10 or higher

Control Panel Settings

| Section | Data | Description | Default |
|----------------|--|--------------------------------|----------------|
| [3001] | _/_/_/ (147 = Locked, 000 = Unlocked) | INSTALLER LOCK | 000 |
| [3010] | _/__ | PC PHONE NUMBER (32 DIGITS) | |
| [3011] | _/_/_/_/ | PANEL IDENTIFICATION | 0000 |
| [3012] | _/_/_/_/ | PC PASSWORD | 0000 |
| [3013] | _/_/_/_/ | NEWARE TCP/IP PASSWORD | 0000 |
| [3020] | _/_ | PANEL PARTITION (00 - 08) | 00 |
| [3021] | _/_ | TROUBLE SHUTDOWN (00 - 15) | 00 |
| [3022] | _/_/_/ | DAYLIGHT SAVINGS TIME SCHEDULE | 018 |









DAYLIGHT SAVINGS TIME SCHEDULE

| Value | Schedule Used | Value | Schedule Used |
|-------|---|-------|---------------------------------------|
| 000 | Mexico/St-Johns/Bahamas/Turks and Caicos | 010 | New-Zealand/Chatham |
| 001 | Cuba | 011 | Tonga |
| 002 | Brazil | 012 | Iraq/Syria |
| 003 | Chile | 013 | Israel (TBC) |
| 004 | Falkland Islands | 014 | Lebanon/Kyrgyzstan |
| 005 | Paraguay | 015 | Palestine |
| 006 | European Union/United Kingdom/Greenland | 016 | Egypt |
| 007 | Russia and surrounding countries | 017 | Namibia |
| 008 | South Australia/Victoria/Australian Capital Territory/New South Wales | 018 | Canada/United States (default) |
| 009 | Tasmania/Lord Howe Island | 019 | New Zealand (Starting September 2007) |

















System Options

△ = Default setting

SECTION [3029] : System Options 1

| Option | | OFF | ON |
|--------|---|--|-----------------------------------|
| [1] | Enable if using an MG-RTX3 without an EVO641 / EVO641R (see New Remote Control Programming on page 2) |  Disabled | <input type="checkbox"/> Enabled |
| [2] | Future Use |  Disabled | <input type="checkbox"/> Enabled |
| [3] | Future Use |  Disabled | <input type="checkbox"/> Enabled |
| [4] | Future Use |  Disabled | <input type="checkbox"/> Enabled |
| [5] | Future Use |  Disabled | <input type="checkbox"/> Enabled |
| [6] | Future Use |  Disabled | <input type="checkbox"/> Enabled |
| [7] | Future Use |  Disabled | <input type="checkbox"/> Manually |
| [8] | Future Use |  Disabled | <input type="checkbox"/> Enabled |

SECTION [3030] : System Options 2

| Option | | OFF | ON |
|--------|--|--|--|
| [1] | <i>PGM 1 = 2-wire smoke detector input (255)</i> |  Disabled |  Enabled |
| [2] | <i>No bell cut-off during pulse alarm</i> |  Disabled |  Enabled |
| [3] | <i>Daylight saving time (see page 36)</i> |  Disabled |  Enabled |
| [4] | <i>Shabbat feature</i> |  Disabled |  Enabled |
| [5] | <i>Battery charge current</i> |  350mA |  850mA† |
| [6] | <i>AC failure not displayed as trouble</i> |  Disabled |  Enabled |
| [7] | <i>Clear bell limit trouble</i> |  On restore |  Manually |
| [8] | <i>Combus Speed*</i> |  Normal |  High |



** Please note that when the Combustion Speed is changed, all operations on the system will be suspended for approximately 1 minute while the system adjust itself.*



† A 40VA transformer is required when selecting the 850mA battery charge current. Using a 20VA transformer with a battery charge current of 850mA may damage the system.

SECTION [3031] : Partition Options 1

| Option | OFF | ON |
|-------------------------------|-----------------------------------|----------------------------------|
| [1] Partition 1 | <input type="checkbox"/> Disabled | △ Enabled |
| [2] Partition 2 | △ Disabled | <input type="checkbox"/> Enabled |
| [3] Partition 3 | △ Disabled | <input type="checkbox"/> Enabled |
| [4] Partition 4 | △ Disabled | <input type="checkbox"/> Enabled |
| [5] Partition 5 (EVO192 only) | △ Disabled | <input type="checkbox"/> Enabled |
| [6] Partition 6 (EVO192 only) | △ Disabled | <input type="checkbox"/> Enabled |
| [7] Partition 7 (EVO192 only) | △ Disabled | <input type="checkbox"/> Enabled |
| [8] Partition 8 (EVO192 only) | △ Disabled | <input type="checkbox"/> Enabled |

SECTION [3033] : System Options 3

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

SECTION [3035] : System Options 5

| Option | OFF | ON |
|--|---------------------------------|----------------------------------|
| [1] Restrict arming on AC failure | △ Disabled | <input type="checkbox"/> Enabled |
| [2] Restrict arming on battery failure | △ Disabled | <input type="checkbox"/> Enabled |
| [3] Restrict arming on bell or auxiliary failure | △ Disabled | <input type="checkbox"/> Enabled |
| [4] Restrict arming on TLM failure | △ Disabled | <input type="checkbox"/> Enabled |
| [5] Restrict arming on module troubles | △ Disabled | <input type="checkbox"/> Enabled |
| [6] Account Number Transmission | △ Partition # | <input type="checkbox"/> Tel # |
| [7] Transmit zone status on serial port* | △ Disabled | <input type="checkbox"/> Enabled |
| [8] Serial Port Baud Rate | <input type="checkbox"/> 38,400 | △ 57,600 |

*This option is used by some event monitoring software such as Hyperterminal. With WinLoad and printers, it is always being transmitted,

SECTION [3032] : Partition Options 2

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

SECTION [3034] : System Options 4

| Option | OFF | ON |
|--|--|--|
| [1]&[2] Wireless Transmitter Supervision Options (see Table on page 37) | <input type="checkbox"/> See Table <input type="checkbox"/> See Table | <input type="checkbox"/> See Table <input type="checkbox"/> See Table |
| [3] Generate supervision failure if detected on a bypassed wireless zone | △ Yes | <input type="checkbox"/> No |
| [4] Restrict arming on a wireless transmitter supervision failure | △ Disabled | <input type="checkbox"/> Enabled |
| [5]&[6] Zone & Module Tamper Recognition Options (see Table on page 37) | <input type="checkbox"/> See Table <input type="checkbox"/> See Table | <input type="checkbox"/> See Table <input type="checkbox"/> See Table |
| [7] Generate tamper if detected on bypass zone | <input type="checkbox"/> Yes | △ No |
| [8] Restrict arming on tamper trouble | △ Disabled | <input type="checkbox"/> Enabled |

Wireless Transmitter Supervision Options

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

| [1] | [2] |
|-----|--|
| OFF | OFF - Disabled (default) |
| OFF | ON - GENERATES TROUBLE ONLY (WHEN ARMED OR DISARMED) |
| ON | OFF - When disarmed: GENERATES TROUBLE ONLY - When armed: Follows Zone Alarm Types (page 9) |
| ON | ON - When disarmed: GENERATES AUDIBLE ALARM - When armed: Follows Zone Alarm Types (page 9) |

Zone & Module Tamper Recognition Options*

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

| [5] | [6] |
|-----|--|
| OFF | OFF - Disabled (default) |
| OFF | ON - GENERATES TROUBLE ONLY (WHEN ARMED OR DISARMED) |
| ON | OFF - When disarmed: GENERATES TROUBLE ONLY - When armed: Follows Zone Alarm Types (page 9) for Zone Tamper. Generates Trouble for Module Tamper. |
| ON | ON - When disarmed: GENERATES AUDIBLE ALARM - When armed: Follows Zone Alarm Types (page 9) |

*For instructions on wiring a panel for tamper recognition, see page 61.

Dialer Options

△ = Default setting

SECTION [3036]: Dialer Options 1

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

SECTION [3037]: Dialer Options 2

| Option | | OFF | ON |
|---------|--|--|--|
| [1] | Call back | △ Disabled | <input type="checkbox"/> Enabled |
| [2] | Automatic event buffer transmission | △ Disabled | <input type="checkbox"/> Enabled |
| [3]&[4] | Auto Test Report Transmission Options (see Auto Test Report Settings on page 38) | <input type="checkbox"/> See Table <input type="checkbox"/> See Table | <input type="checkbox"/> See Table <input type="checkbox"/> See Table |
| [5] | Keypad beep on successful arming/disarming report | △ Disabled | <input type="checkbox"/> Enabled |
| [6] | Alternate Dialing | △ Disabled | <input type="checkbox"/> Enabled |
| [7] | Dial Tone Delay (if no dial tone) | △ Force dial | <input type="checkbox"/> Hang-up |
| [8] | Report zone restore | △ Disabled | <input type="checkbox"/> Enabled |

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

Telephone Line Monitoring (TLM) Options (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 |

Auto-Test Report Transmission Options (Section [3037]: options [3] & [4])

| [3] | [4] | |
|-----|-----|---|
| OFF | OFF | Transmit the test report code every time the days programmed in section [3040] have elapsed at the time programmed in section [3041] (default). |
| OFF | ON | When disarmed: Transmit test report code every time the time programmed in section [3043] has elapsed. When armed: Transmit test report code every time the time programmed in section [3042] has elapsed. |
| ON | OFF | The control panel will transmit the test report code every hour on the minute value programmed in section [3041] (the last two digits). Note that the first two digits of section [3041] will be ignored. For example, if 10:25 was programmed into section [3041], the test report code would be transmitted at the 25 th minute of every hour, i.e. 11:25, 12:25, etc. |
| ON | ON | The test report code will be transmitted when any of the conditions of the second and third options listed above (options [3] = OFF and [4] = ON / options [3] = ON and [4] = OFF) are met. |

Other Options

△ = Default setting

SECTION [3038]: Access Control Options

| 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.

* This also includes users with 00 for schedule access.

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 |
|---------|---|---------------------------------------|-------------|
| [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 |
| [3057] | __/_/___ (000 - 127 x 1 second) | PAGER DELAY BEFORE DATA TRANSMISSION | 20 seconds |
| [3058] | __/_/___ (000 - 255 x 1 minute; 000 = Instant Report) | DELAY POWER FAILURE REPORT | 30 minutes |
| [3059] | __/_/___ (000 - 255 x 1 repeat; 000 = No Repeat) | REPEAT PAGER REPORT CODE TRANSMISSION | 000 |
| [3060] | __/_/___ (000 - 255 x 1 minute) | POWER FAILURE RESTORE DELAY REPORT | 030 minutes |

Communication Settings

Account Numbers



Only the SIA format supports the [0] = 0 digit in its account numbers. Account numbers that use other reporting formats do not support the [0] = 0 digit. Enter the [STAY] = A digit in its place. When using the SIA Format, and the Account Number Transmission (see option [6] in section [3035] on page 37) corresponds to the partition, the control panel only uses the Partition 1 Account Number programmed in section [3061], but the report code includes the partition number.

MSTN = Monitoring Station Telephone Number

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

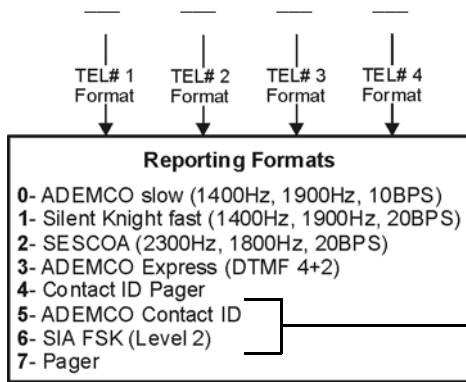
* Option [6] in section [3035] is disabled.

† Option [6] in section [3035] is enabled.

Reporting Formats

Section

[3070]



Description

REPORTING FORMATS FOR TELEPHONE NUMBERS 1 TO 4

Use the same format for each number. Only the pager format can be used with other reporting formats.

For more information, refer to *Automatic Report Code Programming* on page 50.

Section Data (Press [ENTER] if less than 32 digits)

Description

- [3071] _____ MONITORING STATION/PAGER TELEPHONE #1
- [3072] _____ MONITORING STATION/PAGER TELEPHONE #2
- [3073] _____ MONITORING STATION/PAGER TELEPHONE #3
- [3074] _____ MONITORING STATION/PAGER TELEPHONE #4

! For North American installations using either SIA or Contact ID reporting formats, enter *70 and then either P (4-second pause) or W (wait for second dial tone) before the phone number in sections [3071] to [3074] to disable call-waiting.

| Special Telephone Number Keys | | | | | |
|-------------------------------|----------|--|-------------------------------|----------|-------------------------|
| Function | LCD | Grafica | Function | LCD | Grafica |
| * | [STAY] | [#] (press key until desired letter/symbol appears) | Clear | [CLEAR] | Left action key (Clear) |
| # | [FORCE] | | Delete | [TRBL] | — |
| Switch to Tone Dialing (T) | [ARM] | | Delete from cursor to the end | [ACC] | — |
| Wait for second dial tone (W) | [DISARM] | | Insert space | [MEM] | — |
| 4-second pause (P) | [BYP] | | Dial 9 for outside line | 9+[STAY] | — |

System Event Call Direction

△ = Default setting

SECTION [3080]: System Troubles & Trouble Restores

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

→ ENABLE ONLY ONE

SECTION [3081]: Special Reporting

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

→ ENABLE ONLY ONE

VDMP3 Voice Module

Program up to 8 telephone numbers which the VDMP3 will call in sequence in the case of an alarm. Telephone numbers should be programmed in priority sequence as the VDMP3 will start with telephone number 1.

SECTION [3087]: VDMP3 Features (PGM)

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

To see how VDMP3 Features relate to EVO Utility Key functions, See "Feature Activation (PGMs)" on page 55.

VDMP3 Settings

| Section | Data | Description | Default |
|---------|------------------------------------|---|---------|
| [3088] | __/_/_ (000 - 127 x 1 second) | DELAY BEFORE SENDING THE VOICE MESSAGE | 003 |
| [3089] | __/_/_ (000 - 255 x 1 repetitions) | DEFINES THE NUMBER OF TIMES THE VOICE MESSAGE IS REPEATED | 008 |

SECTION [3090]: VDMP3 Functions

| Option | | OFF | ON |
|--------|-----------------|-----------------------------------|---|
| [1] | Arm / Disarm | <input type="checkbox"/> Disabled | <input checked="" type="checkbox"/> Enabled |
| [2] | Voice Reporting | <input type="checkbox"/> Disabled | <input checked="" type="checkbox"/> Enabled |

Section Data (Press [ENTER] if less than 32 digits)

Description

| | |
|--------|--|
| [3091] | _____ VOICE MODULE TELEPHONE NUMBER 1 |
| [3092] | _____ VOICE MODULE TELEPHONE NUMBER 2 |
| [3093] | _____ VOICE MODULE TELEPHONE NUMBER 3 |
| [3094] | _____ VOICE MODULE TELEPHONE NUMBER 4 |
| [3095] | _____ VOICE MODULE TELEPHONE NUMBER 5 |
| [3096] | _____ VOICE MODULE TELEPHONE NUMBER 6 |
| [3097] | _____ VOICE MODULE TELEPHONE NUMBER 7 |
| [3098] | _____ VOICE MODULE TELEPHONE NUMBER 8 |

For extra key functions, see *Special Telephone Number Keys* on page 40

| Option | | Partition 1 [3133] | | Partition 2 [3233] | | Partition 3 [3333] | | Partition 4 [3433] | | Partition 5 [3533] | | Partition 6 [3633] | | Partition 7 [3733] | | Partition 8 [3833] | |
|--------|--------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| | | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON |
| [1] | Telephone number 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| [2] | Telephone number 2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| [3] | Telephone number 3 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| [4] | Telephone number 4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| [5] | Telephone number 5 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| [6] | Telephone number 6 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| [7] | Telephone number 7 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| [8] | Telephone number 8 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Partition Settings

| Section | Partition Label | Section | Partition Label |
|---------|-----------------|---------|-----------------|
| [3100] | Partition 1 | [3500] | Partition 5 |
| [3200] | Partition 2 | [3600] | Partition 6 |
| [3300] | Partition 3 | [3700] | Partition 7 |
| [3400] | Partition 4 | [3800] | Partition 8 |

Auto-Arm Times

| | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| SECTION [3101]: Partition 1 | SECTION [3201]: Partition 2 | SECTION [3301]: Partition 3 | SECTION [3401]: Partition 4 |
| Hours (00-23) & Minutes (00-59) | Hours (00-23) & Minutes (00-59) | Hours (00-23) & Minutes (00-59) | Hours (00-23) & Minutes (00-59) |
| __/:__ | __/:__ | __/:__ | __/:__ |
| SECTION [3501]: Partition 5 | SECTION [3601]: Partition 6 | SECTION [3701]: Partition 7 | SECTION [3801]: Partition 8 |
| Hours (00-23) & Minutes (00-59) | Hours (00-23) & Minutes (00-59) | Hours (00-23) & Minutes (00-59) | Hours (00-23) & Minutes (00-59) |
| __/:__ | __/:__ | __/:__ | __/:__ |

Arming Report Schedules *(If partition is armed outside schedule, the panel will send an Early to Close [3916] and/or Late to Close [3917] report code; see page 48)*

| Section | Schedule | Intervals | Start Time (from) | End Time (to) | Days (turn ON or OFF) | | | | | | | |
|-----------------------|----------|------------|-------------------|---------------|-----------------------|---|---|---|---|---|---|---|
| | | | | | S | M | T | W | T | F | S | H |
| [3102] Partition 1 | 001 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3202] Partition 2 | 002 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3302] Partition 3 | 003 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3402] Partition 4 | 004 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3502] Partition 5 | 005 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3602] Partition 6 | 006 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3702] Partition 7 | 007 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3802] Partition 8 | 008 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

Disarming Report Schedules (if partition is disarmed outside schedule, the panel will send an Early to Open [3926] and/or Late to Open [3927] report code; see page 48)

| Section | Schedule | Intervals | Start Time (from) | End Time (to) | Days (turn ON or OFF) | | | | | | | |
|-----------------------|----------|------------|-------------------|---------------|-----------------------|---|---|---|---|---|---|---|
| | | | | | S | M | T | W | T | F | S | H |
| [3103] Partition 1 | 001 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3203] Partition 2 | 002 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3303] Partition 3 | 003 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3403] Partition 4 | 004 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3503] Partition 5 | 005 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3603] Partition 6 | 006 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3703] Partition 7 | 007 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3803] Partition 8 | 008 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

Partition Timers

| Description Decimal Values from 000 to 255 | 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 |
| 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 = 005 attempts) | [3105] | ___/___ | [3205] | ___/___ | [3305] | ___/___ | [3405] | ___/___ | [3505] | ___/___ | [3605] | ___/___ | [3705] | ___/___ | [3805] | ___/___ |
| Keypad Lockout Duration (Data x 1 minute, 000 = Report Only; Default = 015) | [3106] | ___/___ | [3206] | ___/___ | [3306] | ___/___ | [3406] | ___/___ | [3506] | ___/___ | [3606] | ___/___ | [3706] | ___/___ | [3806] | ___/___ |
| No Movement Timer (Data x 5 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 = 032 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 alarms; 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] | ___/___ |
| Postpone auto-arm delay (Data x 15 minute Default = 0) | [3120] | ___/___ | [3220] | ___/___ | [3320] | ___/___ | [3420] | ___/___ | [3520] | ___/___ | [3620] | ___/___ | [3720] | ___/___ | [3820] | ___/___ |

Partition Options 1

| SECTION [3121] : Partition 1 | | | | SECTION [3221] : Partition 2 | | | | SECTION [3321] : Partition 3 | | | |
|--|-----------------------|--------------------------|--------------------------|--|-----------------------|--------------------------|--------------------------|--|-----------------------|--------------------------|--------------------------|
| Option | (△ = Default Setting) | OFF Disabled | ON Enabled | Option | (△ = Default Setting) | OFF Disabled | ON Enabled | Option | (△ = Default Setting) | OFF Disabled | ON Enabled |
| [1] Switch to Stay Arm (if no Delay zone opened) | △ | <input type="checkbox"/> | <input type="checkbox"/> | [1] Arm/Disarm with Partition 1 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [1] Arm/Disarm with Partition 1 | △ | <input type="checkbox"/> | <input type="checkbox"/> |
| [2] Arm/Disarm with Partition 2 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [2] Switch to Stay Arm (if no Delay zone opened) | △ | <input type="checkbox"/> | <input type="checkbox"/> | [2] Arm/Disarm with Partition 2 | △ | <input type="checkbox"/> | <input type="checkbox"/> |
| [3] Arm/Disarm with Partition 3 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [3] Arm/Disarm with Partition 3 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [3] Switch to Stay Arm (if no Delay zone opened) | △ | <input type="checkbox"/> | <input type="checkbox"/> |
| [4] Arm/Disarm with Partition 4 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [4] Arm/Disarm with Partition 4 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [4] Arm/Disarm with Partition 4 | △ | <input type="checkbox"/> | <input type="checkbox"/> |
| [5] Arm/Disarm with Partition 5 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [5] Arm/Disarm with Partition 5 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [5] Arm/Disarm with Partition 5 | △ | <input type="checkbox"/> | <input type="checkbox"/> |
| [6] Arm/Disarm with Partition 6 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [6] Arm/Disarm with Partition 6 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [6] Arm/Disarm with Partition 6 | △ | <input type="checkbox"/> | <input type="checkbox"/> |
| [7] Arm/Disarm with Partition 7 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [7] Arm/Disarm with Partition 7 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [7] Arm/Disarm with Partition 7 | △ | <input type="checkbox"/> | <input type="checkbox"/> |
| [8] Arm/Disarm with Partition 8 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [8] Arm/Disarm with Partition 8 | △ | <input type="checkbox"/> | <input type="checkbox"/> | [8] Arm/Disarm with Partition 8 | △ | <input type="checkbox"/> | <input type="checkbox"/> |

SECTION [3421] : Partition 4

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

SECTION [3521] : Partition 5

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

SECTION [3621] : Partition 6

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

SECTION [3721] : Partition 7

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

SECTION [3821] : Partition 8

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

Partition Arming / Disarming Options

[illegible]

Partition Panic Alarm Options

| Option (△ = Default Setting) | Partition 1 [3123] | | Partition 2 [3223] | | Partition 3 [3323] | | Partition 4 [3423] | | Partition 5 [3523] | | Partition 6 [3623] | | Partition 7 [3723] | | Partition 8 [3823] | |
|--|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|-----------------------|----|
| | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON |
| [1] <i>Panic 1 (Keys 1 & 3)</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [2] <i>Panic 2 (Keys 4 & 6)</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [3] <i>Panic 3 (Keys 7 & 9)</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [4] <i>Panic 1 Alarm Type (OFF = Report Only; ON = Audible Alarm)</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [5] <i>Panic 2 Alarm Type (OFF = Report Only; ON = Audible Alarm)</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [6] <i>Panic 3 Alarm Type (OFF = Report Only; ON = Fire Alarm)</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [7] <i>Always Report Disarming (OFF = Always; ON = Only After Alarm)</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [8] <i>Auto-Force on Regular Arming</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |

Partition Bell Squawk Options

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

Partition One-Touch Options

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



* 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 Special Options

| Option (△ = Default Setting) | Partition 1 [3126] | | Partition 2 [3226] | | Partition 3 [3326] | | Partition 4 [3426] | | Partition 5 [3526] | | Partition 6 [3626] | | Partition 7 [3726] | | Partition 8 [3826] | |
|---|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|
| | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON | OFF | ON |
| [1] <i>Intellizone Delay</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [2] <i>Intellizone Double Knockout and Zone Crossing</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [3] <i>Intellizone Zone Crossing</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [4] <i>Auto Force on Stay Arming</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [5] <i>Police Code is Generated on Zone Crossing Only</i> | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ | △ | □ |
| [6] <i>Future Use</i> | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| [7] <i>Future Use</i> | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| [8] <i>Future Use</i> | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Partition Arming / Disarming Event Call Direction

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

→ ENABLE ONLY ONE

Partition Alarm / Alarm Restore Event Call Direction

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

→ ENABLE ONLY ONE

Partition Tamper / Tamper Restore Event Call Direction

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

→ ENABLE ONLY ONE

Special Arming Exit Delay

| Description | Partition 1 | | Partition 2 | | Partition 3 | | Partition 4 | | Partition 5 | | Partition 6 | | Partition 7 | | Partition 8 | |
|--|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
| Decimal Values from 000 to 255 | Section | Data | Section | Data | Section | Data | Section | Data | Section | Data | Section | Data | Section | Data | Section | Data |
| Exit delay for special arming. (Auto arm, WinLoad/NEWare arming etc.) (Data x second; Default = 060) | [3130] | __/_/ | [3230] | __/_/ | [3330] | __/_/ | [3430] | __/_/ | [3530] | __/_/ | [3630] | __/_/ | [3730] | __/_/ | [3830] | __/_/ |

No Movement Schedule

| Section | Intervals | Start Time (from) | End Time (to) | Days (turn ON or OFF) | | | | | | | |
|-----------------------|------------|-------------------|---------------|-----------------------|---|---|---|---|---|---|---|
| | | | | S | M | T | W | T | F | S | H |
| [3131] Partition 1 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3231] Partition 2 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3331] Partition 3 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3431] Partition 4 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3531] Partition 5 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3631] Partition 6 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3731] Partition 7 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Schedule B | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| [3831] Partition 8 | Schedule A | ____ : ____ | ____ : ____ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Schedule B | ____ : ____ | ____ : ____ | 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.

Special and Trouble Report Codes

Ademco slow, Silent Knight fast, SESCOA, Ademco express or Pager formats: Key-in desired 2-digit hex 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 50. 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 hex value found in the *Contact ID Report Code List* on page 53.

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 50. 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] | ___ Listen-In to Follow (Request to start session) |
| [3904] | ___ WinLoad Login Request (Callback only) |
| [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 42) |
| [3917] | ___ Late to Close (refer to "Arming Report Schedules" on page 42) |
| [3918] | ___ Remote Arming (APR3-ADM2, DGP-LSN4) |
| [3919] | ___ Closing Delinquency |

Trouble Report Codes

| Section | Report Code |
|---------------|--|
| [3940] | Future Use |
| [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] | ___ Combustion 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 Alarm |
| [3925] | Future Use |
| [3926] | ___ Early to Open (refer to "Disarming Report Schedules" on page 38) |
| [3927] | ___ Late to Open (refer to "Disarming Report Schedules" on page 38) |
| [3928] | ___ Remote Disarming (APR3-ADM2, DGP-LSN4) |
| [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] ___ Combustion 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 combus:

After entering section [4000], the keypad will display the 8-digit serial number of the control panel and firmware version.

For LCD Keypads: Use the [▲] and [▼] keys to scroll through the serial number of each module connected to the combus. The firmware version of some modules will be displayed as well.

For Grafica Keypads: Press the center action key (**Next**) to scroll through the serial number of each module on the combus.

[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 combus 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. To begin transferring data, press [Acc] on LCD keypads or the center action key (**Start**) on Grafica keypads.

Label Broadcast:

Copy user, door and partition labels from the control panel to all keypads and printer modules connected to the combus. To transmit the labels, in section [4004], enter the control panel's serial number. From the Destination screen, do not enter a serial number, but press [Acc] on LCD keypads or the center action key (**Start**) on Grafica keypads.

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] Quick Module Scanning:

After entering the section, the control panel will scan all addresses assigned to modules. If any missing modules are detected (i.e. detector removed from the combus), the control panel will erase the module's serial number, removing the module from the control panel's memory.

[4006] Modules Scanning:

After entering the section, the control panel will scan all addresses on the combus. If any missing modules are detected (i.e. detector removed from the combus), the control panel will erase the module's serial number, removing the module from the control panel's memory. If new modules are detected, the serial number will be entered in the control panel's memory.

Paradox Memory Key (PMC-5)

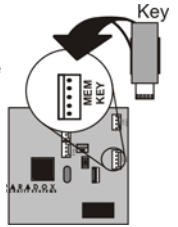
[4010] Download from the Memory Key to the control panel **except** zone numbering and sections [0501] to [0532]. (See warning on page 50)
 [4011] Download from the Memory Key to control panel **including** zone numbering and sections [0501] to [0532]. (See warning on page 50)
 [4012] Download user labels from the Memory Key to control panel. (See warning on page 50)
 [4013] Download installer default. (Use for reset from Memory key to control panel.)
 [4020] Copy the control panel sections to the Memory Key **except** zone numbering and sections [0501] to [0532]. (See warning on page 50)
 [4021] Copy the control panel sections to the Memory Key **including** zone numbering and sections [0501] to [0532]. (See warning on page 50)

- [4022] Copy the control panel user label to the Memory Key. (See warning on page 50)
- [4023] Copy the control panel installer default to the Memory key.



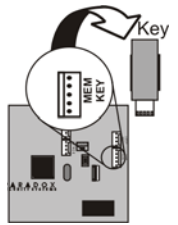
Download Memory Key to Control Panel.

- 1) Insert the Memory Key (PMC-5) onto the control panel's connector labelled "MEM KEY".
- 2) To download the contents of the *Memory Key* **except** zone numbering and sections [0501] to [0532], enter installer programming mode and then enter section [4010]. (Depending on the memory key, the labels may or may not be included.)
To download the contents of the Memory Key **including** zone numbering and sections [0501] to [0532], enter installer programming mode and then enter section [4011]. (Depending on the memory key, the labels may or may not be included.)
- 3) When the keypad emits a confirmation beep, remove the Memory Key.



Copy Control Panel to Memory Key

- 1) Insert Memory Key (PMC-5) 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** zone numbering and sections [0501] to [0532], enter installer programming mode, then enter section [4020]. (Depending on the memory key, the labels may or may not be included.)
To copy the contents to the Memory Key **including** zone numbering and sections [0501] to [0532], enter section [4021]. (Depending on the memory key, the labels may or may not be included.)
- 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.



⚠ When using the PMC-3 Memory Key, sections [4010], [4011], [4020] and [4021] will NOT include the labels. Use sections [4012] and [4022] to transfer labels only using a PMC-4 or PMC-5.

Automatic Report Code Programming

When using Contact ID or SIA Reporting formats (section [3070] on page 36), 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 | Resets all the report codes from sections [0201] to [0296], [0701] to [0832], [2001] to [2199] and [3900] to [3999] to 00. 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 47. |
| [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 RESTORE REPORT CODES | [0201] to [0296] |
| [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) Enter Programming Mode (see *Entering Programming Mode* on page 3).
- 2) Enter Section [4049] to unlock software reset.
- 3) Enter the 4-digit [SECTION] corresponding to the software reset you wish to perform.
- 4) If you want to reset more than one section, enter section [4049] to unlock the software reset again.

| 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 programming (including 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]), VDMP3 (sections [3087] to [3098]) 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 [3833], excluding partition labels, to default values. |
| [4047] | Entering this section will reset all PGM (sections from [0901] to [0959]) 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, module labels and zone labels from sections [0301] to [0396]. |
| [4049] | Entering this section will unlock software reset for sections [4040] to [4048]. |

Installer Function Keys

To access the installer functions, press and hold the [0] key, enter the [INSTALLER CODE], and then:

For LCD keypads: press the key indicated in the list below that corresponds to the function you wish to activate.

For Grafica keypads: press the center action key (**Options**), highlight the desired function and then press the center action key (**Ok**).

| | |
|----------|---|
| [STAY] | <i>Test Report:</i> Sends the "Test Report" report code programmed in section [3902] to the monitoring station. |
| [FORCE] | <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. |
| [ARM] | <i>Answer WinLoad Software:</i> Will force the control panel to answer a call made by the Monitoring Station that is using the WinLoad software. |
| [DISARM] | <i>Cancel Communication:</i> Cancels all communication with the WinLoad software or with the Monitoring Station until the next reportable event. |
| [MEM] | <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 [MEM] button again to exit. Partitions cannot be armed if the Installer Test Mode is enabled. |
| [TRBL] | <i>Start Module Scan:</i> The keypad will display the serial number of each module on the combus. |
| [ACC] | <i>Combus Voltmeter:</i> To verify if the combus is supplying sufficient power, press and hold the [0] key, enter the [INSTALLER CODE] and press the [ACC] button. A reading of 12.3V or lower at the panel's service keypad connector 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 when using sections [4032] to [4037] | Default SIA Report Code 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 | CQ - Remote Arming |
| Late To Close | 3 452 - Late to Close | OT - Late to Close |
| No Movement | 3 452 - Late to Close | NA - No Movement Arming |
| Partial arming | 1 456 - Partial Arm | CG - Close Area |
| Quick arming | 3 4A8 - Quick arm | CL - Closing Report |
| Remote Arm (voice) | 3 4A7 - Remote Arm | CQ - Arm with Voice Module |
| Delinquency Closing | 1 654 - System Inactivity | CD - System Inactivity |
| 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 | OP - Opening Report |
| Disarm after alarm with User Code (##) | 1 4A1 - Open by user | OP - Opening Report |
| Disarm after alarm with Keyswitch (##) | 1 4A9 - Keyswitch Open | OS - Opening Keyswitch |
| Cancel alarm with Master Code (##) | 1 4A6 - Cancel | OR - Disarm From Alarm |
| Cancel alarm with User Code (##) | 1 4A6 - Cancel | OR - Disarm From Alarm |
| Cancel alarm with Keyswitch (##) | 1 4A6 - Cancel | OS - Opening Keyswitch |
| Auto Arming Cancellation | 1 464 - Auto-Arm Time Extended | CE - Closing Extend |

| System Event | Default Contact ID Report Code when using sections [4032] to [4037] | Default SIA Report Code when using sections [4032] to [4037] |
|--|--|---|
| Cancel Alarm with PC Software | 1 4A6 - Cancel | OR - Disarm From Alarm |
| Voice Disarm | 1 4A7 - Remote arm/disarm | OQ - Remote Disarming |
| Disarm with PC software | 1 4A7 - Remote arm/disarm | OQ - Remote Disarming |
| Disarm after an alarm with PC software | 1 4A7 - Remote arm/disarm | OQ - Remote Disarming |
| Quick Disarm | 1 4A8 - 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 |
| Early to Disarm by User | 1 451 - Early to Open | OK - Early to Open |
| Late to Disarm by User | 1 452 - Late to Open | OJ - Late to Open |
| 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 (##) | 3 13A - Burglary Alarm Restore | GR - Gas Alarm Restore |
| 24Hr Heat alarm restore (##) | 3 13A - Burglary Alarm Restore | KR - Heat Alarm Restore |
| 24Hr Water alarm restore (##) | 3 13A - Burglary Alarm Restore | WR - Water Alarm Restore |
| 24Hr Freeze alarm restore (##) | 3 13A - Burglary Alarm Restore | ZR - Freeze Alarm Restore |
| 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 | 3 459 - Recent Close | CR - Recent Closing |
| Police Code | 1 139 - Burglary Alarm | BM - Burglary Alarm |
| Global zone shutdown | 1 574 - Group bypass | CG - Close Area |
| 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 |
| Combus 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 monitoring 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 |
| Combus 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 |

| System Event | Default Contact ID Report Code when using sections [4032] to [4037] | Default SIA Report Code when using sections [4032] to [4037] |
|---|--|---|
| Module TLM restore | 3 352 - Telco 2 fault restore | LR - Phone Line Restoral |
| Early to Arm by User | 3 451 - Early to Close | CK - Early to Close |
| Late to Arm by User | 3 452 - Late to Close | CJ - Late to Close |
| Zone Excluded on Force Arming | 1 57A - Zone Bypass | XW - Zone Forced |
| Zone Went Back to Arm Status | 3 57A - Zone Bypass Restore | VV - Zone Included |
| 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 monitoring 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 supervision trouble | 1 381 - Loss of supervision - RF | US - Untype Zone Supervision |
| Module RF battery restore | 3 384 - RF transmitter battery restore | XR - Transmitter Battery Restoral |
| 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 |
| Listen-In request | 1 606 - Listen-In to follow | LF - Listen-In to follow |
| WinLoad Login request | 1 411 - Call Back Request | RB - Remote Program Begin |
| 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 |
| Module Fail to Communicate Restore | 3 354 - Fail to Communicate Restore | YK - Communication Restore |

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 |
|-----------------------------|-----------------------|-------------|---|----------------------------|-------------|---|--------------------------|-------------|
| MEDICAL ALARMS - 100 | | | BURGLAR ALARMS - 130 | | | 150 | 24-Hour Non-Burglary | 25 |
| 100 | Medical Alarm | 01 | 130 | Burglary | 13 | 151 | Gas Detected | 26 |
| 101 | Personal Emergency | 02 | 131 | Perimeter | 14 | 152 | Refrigeration | 27 |
| 102 | Fail to Report In | 03 | 132 | Interior | 15 | 153 | Loss of Heat | 28 |
| FIRE ALARMS - 110 | | | 133 | 24-Hour | 16 | 154 | Water Leakage | 29 |
| 110 | Fire Alarm | 04 | 134 | Entry/Exit | 17 | 155 | Foil Break | 2A |
| 111 | Smoke | 05 | 135 | Day/Night | 18 | 156 | Day Trouble | 2B |
| 112 | Combustion | 06 | 136 | Outdoor | 19 | 157 | Low Bottled Gas Level | 2C |
| 113 | Water Flow | 07 | 137 | Tamper | 1A | 158 | High Temperature | 2D |
| 114 | Heat | 08 | 138 | Near Alarm | 1B | 159 | Low Temperature | 2E |
| 115 | Pull Station | 09 | 139 | Intrusion Verifier | 1C | 161 | Loss of Air Flow | 2F |
| 116 | Duct | 0A | GENERAL ALARMS - 140 | | | 162 | Carbon Monoxide Detected | 30 |
| 117 | Flame | 0B | 140 | General Alarm | 1D | 163 | Tank Level | 31 |
| 118 | Near Alarm | 0C | 141 | Polling Loop Open | 1E | FIRE SUPERVISORY - 200 & 210 | | |
| PANIC ALARMS - 120 | | | 142 | Polling Loop Short | 1F | 200 | Fire Supervisory | 32 |
| 120 | Panic Alarm | 0D | 143 | Expansion Module Failure | 20 | 201 | Low Water Pressure | 33 |
| 121 | Duress | 0E | 144 | Sensor Tamper | 21 | 202 | Low CO2 | 34 |
| 122 | Silent | 0F | 145 | Expansion Module Tamper | 22 | 203 | Gate Valve Sensor | 35 |
| 123 | Audible | 10 | 146 | Silent Burglary | 23 | 204 | Low Water Level | 36 |
| 124 | Duress-Access Granted | 11 | 147 | Sensor Supervision Failure | 24 | 205 | Pump Activated | 37 |
| 125 | Duress-Egress Granted | 12 | 24-HOUR NON-BURGLARY - 150 & 160 | | | 206 | Pump Failure | 38 |

| CID# | Reporting Code | Prog. Value | CID# | Reporting Code | Prog. Value | CID# | Reporting Code | Prog. Value |
|---|--------------------------------|-------------|---|--|-------------|---|---|-------------|
| SYSTEM TROUBLES - 300 & 310 | | | 378 | Cross-Zone Trouble | 6D | 458 | User on Premises | A1 |
| 300 | System Trouble | 39 | SENSOR TROUBLES - 380 | | | 459 | Recent Close | A2 |
| 301 | AC Loss | 3A | 380 | Sensor Trouble | 6E | 461 | Wrong Code Entry | A3 |
| 302 | Low System Battery | 3B | 381 | Loss of Supervision - RF | 6F | 462 | Legal Code Entry | A4 |
| 303 | RAM Checksum Bad | 3C | 382 | Loss of Supervision - RPM | 70 | 463 | Re-arm after Alarm | A5 |
| 304 | ROM Checksum Bad | 3D | 383 | Sensor Tamper | 71 | 464 | Auto-Arm Time Extended | A6 |
| 305 | System Reset | 3E | 384 | RF Transmitter Low Battery | 72 | 465 | Panic Alarm Reset | A7 |
| 306 | Panel Program Changed | 3F | 385 | Smoke Detector Hi Sensitivity | 73 | 466 | Service On/Off Premises | A8 |
| 307 | Self-Test Failure | 40 | 386 | Smoke Detector Low Sensitivity | 74 | SOUNDER RELAY DISABLES - 520 | | |
| 308 | System Shutdown | 41 | 387 | Intrusion Detector Hi Sensitivity | 75 | 520 | Sounder/Relay Disabled | A9 |
| 309 | Battery Test Failure | 42 | 388 | Intrusion Detector Low Sensitivity | 76 | 521 | Bell 1 Disable | AA |
| 310 | Ground Fault | 43 | 389 | Sensor Self-Test Failure | 77 | 522 | Bell 2 Disable | AB |
| 311 | Battery Missing/Dead | 44 | 391 | Sensor Watch Trouble | 78 | 523 | Alarm Relay Disable | AC |
| 312 | Power Supply Over Current | 45 | 392 | Drift Compensation Error | 79 | 524 | Trouble Relay Disable | AD |
| 313 | Engineer Reset | 46 | 393 | Maintenance Alert | 7A | 525 | Reversing Relay Disable | AE |
| SOUNDER/RELAY TROUBLES - 320 | | | OPEN/CLOSE - 400 | | | 526 | Notification Appliance chk. #3 Disabled | AF |
| 320 | Sounder Relay | 47 | 400 | Open/Close | 7B | 527 | Notification Appliance chk. #4 Disabled | B0 |
| 321 | Bell 1 | 48 | 401 | Open/Close by User | 7C | 531 | Module Added | B1 |
| 322 | Bell 2 | 49 | 402 | Group Open/Close | 7D | 532 | Module Removed | B2 |
| 323 | Alarm Relay | 4A | 403 | Automatic Open/Close | 7E | COMMUNICATION DISABLED - 550 & 560 | | |
| 324 | Trouble Relay | 4B | 406 | Cancel | 7F | 551 | Dialer Disabled | B3 |
| 325 | Reversing Relay | 4C | 407 | Remote Arm/Disarm | 80 | 552 | Radio Transmitter Disabled | B4 |
| 326 | Notification Appliance chk. #3 | 4D | 408 | Quick Arm | 81 | BYPASSES - 570 | | |
| 327 | Notification Appliance chk. #4 | 4E | 409 | Keyswitch Open/Close | 82 | 570 | Zone Bypass | B5 |
| SYSTEM PERIPHERAL TROUBLES - 330 & 340 | | | REMOTE ACCESS - 410 | | | 571 | Fire Bypass | B6 |
| 330 | System Peripheral | 4F | 411 | Callback Request Made | 83 | 572 | 24-Hour Zone Bypass | B7 |
| 331 | Polling Loop Open | 50 | 412 | Successful - Download Access | 84 | 573 | Burglary Bypass | B8 |
| 332 | Polling Loop Short | 51 | 413 | Unsuccessful Access | 85 | 574 | Group Bypass | B9 |
| 333 | Expansion Module Failure | 52 | 414 | System Shutdown | 86 | 575 | Swinger Bypass | BA |
| 334 | Repeater Failure | 53 | 415 | Dialer Shutdown | 87 | 576 | Access Zone Shunt | BB |
| 335 | Local Printer Paper Out | 54 | 416 | Successful Upload | 88 | 577 | Access Point Bypass | BC |
| 336 | Local Printer Failure | 55 | ACCESS CONTROL - 420 | | | TEST/MISC. - 600 | | |
| 337 | Exp. Module DC Low | 56 | 421 | Access Denied | 89 | 601 | Manual Trigger Test | BD |
| 338 | Exp. Module Low Batt | 57 | 422 | Access Report By User | 8A | 602 | Periodic Test Report | BE |
| 339 | Exp. Module Reset | 58 | 423 | Forced Access | 8B | 603 | Periodic RF Transmission | BF |
| 341 | Exp. Module Tamper | 59 | 424 | Egress Denied | 8C | 604 | Fire Test | C0 |
| 342 | Exp. Module AC Lost | 5A | 425 | Egress Granted | 8D | 605 | Status Report to Follow | C1 |
| 343 | Exp. Module Self-Test Fail | 5B | 426 | Access Door Propped Open | 8E | 606 | Listen-in to Follow | C2 |
| 344 | RF Receiver Jam Detected | 5C | 427 | Access Point Door Status Monitor trouble | 8F | 607 | Walk Test Mode | C3 |
| COMMUNICATION TROUBLES - 350 & 360 | | | 428 | Access Point Request to Exit | 90 | 608 | Periodic Test - System Trouble Present | C4 |
| 350 | Communication | 5D | 429 | Access Program Mode Entry | 91 | 609 | Video Xmitter Active | C5 |
| 351 | Telco Fault 1 | 5E | 430 | Access Program Mode Exit | 92 | 611 | Point Test Ok | C6 |
| 352 | Telco Fault 2 | 5F | 431 | Access Threat Level Change | 93 | 612 | Point Not Tested | C7 |
| 353 | Long Range Radio | 60 | 432 | Access Relay/Trigger Fail | 94 | 613 | Intrusion Zone Walk Tested | C8 |
| 354 | Fail to Communicate | 61 | 433 | Access RTE Shunt | 95 | 614 | Fire Zone Walk Tested | C9 |
| 355 | Loss of Radio Supervision | 62 | 434 | Access DSM Shunt | 96 | 615 | Panic Zone Walk Tested | CA |
| 356 | Loss of Central Polling | 63 | 441 | Armed Stay | 97 | 616 | Service Request | CB |
| 357 | Long Range Radio VSWR problem | 64 | 442 | Keyswitch Armed Stay | 98 | 621 | Event Log Reset | CC |
| PROTECTION LOOP TROUBLES - 370 | | | SPECIAL TROUBLES - 450 & 460 | | | 622 | Event Log 50% Full | CD |
| 370 | Protection Loop | 65 | 450 | Exception Open/Close | 99 | 623 | Event Log 90% Full | CE |
| 371 | Protection Loop Open | 66 | 451 | Early Open/Close | 9A | 624 | Event Log Overflow | CF |
| 372 | Protection Loop short | 67 | 452 | Late Open/Close | 9B | 625 | Time/Date Reset | D0 |
| 373 | Fire Trouble | 68 | 453 | Failed to Open | 9C | 626 | Time/Date Inaccurate | D1 |
| 374 | Exit Error Alarm | 69 | 454 | Failed to Close | 9D | 627 | Program Mode Entry | D2 |
| 375 | Panic Zone Trouble | 6A | 455 | Auto-Arm Failed | 9E | 628 | Program Mode Exit | D3 |
| 376 | Hold-up Zone Trouble | 6B | 456 | Partial Arm | 9F | 629 | 32 Hour Event Log Marker | D4 |
| 377 | Swinger Trouble | 6C | 457 | User Exit Error | A0 | 630 | Schedule Change | D5 |

VDMP3 Installation Instructions

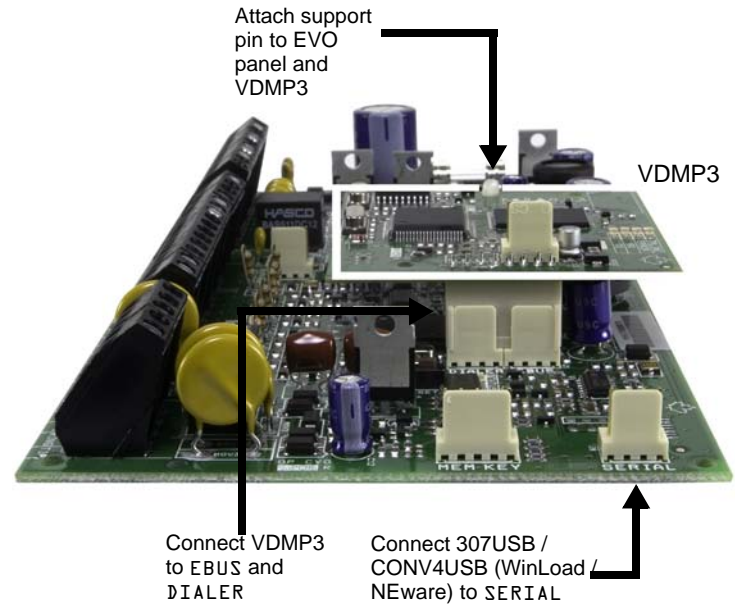
VDMP3 Installation Instructions

| Step | EVO section | English |
|--------------|-------------|---|
| 1 Install | | <ul style="list-style-type: none">Power down the EVO control panel.Install the VDMP3 directly on the EVO control panel's DIALER and EBUS connectors as shown in "VDMP3 Installation Diagram"Power up the EVO control panel. |

VDMP3 Setup Instructions

| Step | EVO section | English |
|---------------------------------|------------------|---|
| 1 Enable Functions | [3090] | Select the following options to enable voice reporting and arm/disarm function. [1] Arm/disarm (default 1 and 2 ON) [2] Voice reporting |
| 2 Telephone Numbers | [3091] to [3098] | Program up to 8 telephone numbers which will be called in sequence in the event of an alarm. Telephone numbers should be programmed in priority sequence as the VDMP3 will start with telephone number 1. For extra key functions, see <i>Special Telephone Number Keys</i> on page 40. [3091] Telephone number 1 [3095] Telephone number 5 [3092] Telephone number 2 [3096] Telephone number 6 [3093] Telephone number 3 [3097] Telephone number 7 [3094] Telephone number 4 [3098] Telephone number 8 |
| 3 Enable Numbers | [3133] to [3833] | Choose which telephone numbers will be enabled for each partition in your system. Options [1] to [8] represent telephone numbers 1 through 8. (Default: Telephone number 1 is enabled for all partitions.) [3133] Partition 1 [1] to [8] [3533] Partition 5 [1] to [8] [3233] Partition 2 [1] to [8] [3633] Partition 6 [1] to [8] [3333] Partition 3 [1] to [8] [3733] Partition 7 [1] to [8] [3433] Partition 4 [1] to [8] [3833] Partition 8 [1] to [8] |
| 4 Answering Machine Override | [3052] | If the VDMP3 uses a telephone line that is connected to an answering machine or service, the Answering Machine Override must be programmed. The value programmed in section [3052] represents the delay period that the VDMP3 will wait between the first and second call. The user must call the VDMP3, hang up, and then call back within the value programmed in section [3052]. The module then overrides the answering machine or service by picking up the line on the first ring. 000 to 225 seconds (default 008) Note: Changing these values will also affect PC communication via WinLoad software. |
| 5 Enable Features (PGM) | [3087] | Features in this section correspond to utility key PGMs in the EVO control panel. For more information, see Feature Activation (PGMs). Options [1] to [8] represent features 1 to 8 (default: OFF) |
| 6 Message Delay | [3088] | After the VDMP3 dials a phone number, it waits the programmed delay period before sending the voice message. The value programmed in section [3088] represents the length of time the VDMP3 will wait before playing the message. 000 to 127 seconds (default 003) |
| 7 Message Repetitions | [3089] | Set the number of times the VDMP3 will play the voice message. 000 to 008 repetitions (default 008) |
| 8 Delay Before Next Number | [3054] | Set the delay before the VDMP3 attempts to dial the next number on the list. 000 to 255 seconds (default 020) Note: Changing these values will also affect regular reporting to monitoring station. |
| 9 Ring Counter | [3051] | Set the number of rings the VDMP3 will wait before the call is answered. 000 to 008 rings (default 008) Note: Changing these values will also affect PC communication via WinLoad software. |

VDMP3 Installation Diagram



Feature Activation (PGMs)

Using the VDMP3, it is possible to activate the PGM utility keys or PGM groups that are programmed in the EVO panel. VDMP3 feature numbers do not necessarily correspond to EVO utility key numbers.

For example:

| VDMP3 Feature | EVO Utility Key | VDMP3 Feature | EVO Utility Key |
|---------------|-----------------|---------------|-----------------|
| Feature 1 ON | Utility Key 1 | Feature 5 ON | Utility Key 9 |
| Feature 1 OFF | Utility Key 2 | Feature 5 OFF | Utility Key 10 |
| Feature 2 ON | Utility Key 3 | Feature 6 ON | Utility Key 11 |
| Feature 2 OFF | Utility Key 4 | Feature 6 OFF | Utility Key 12 |
| Feature 3 ON | Utility Key 5 | Feature 7 ON | Utility Key 13 |
| Feature 3 OFF | Utility Key 6 | Feature 7 OFF | Utility Key 14 |
| Feature 4 ON | Utility Key 7 | Feature 8 ON | Utility Key 15 |
| Feature 4 OFF | Utility Key 8 | Feature 8 OFF | Utility Key 16 |



If the utility key in the EVO panel is programmed with a timer, the VDMP3 will not recognize PGM deactivation when the set timer elapses. As a result, the VDMP3 may indicate that the PGM is ON when actually the timer has elapsed and the PGM is in fact OFF

LCD Keypad Programming



The keypad's serial number can be found on the keypad's PC board. The keypad's serial number can also be viewed by pressing and holding the **[0]** key, entering the **[INSTALLER CODE]** and then entering section **[0000]**. The version of the keypad's firmware can also be seen in that section.

△ = Default setting

SECTION [001] : Keypad Partition Assignment

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

SECTION [002]: Assigning Doors to Partitions †

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

SECTION [003]: General Options 1

| Option | OFF | ON |
|--|------------------------------|---------------------------------------|
| [1] Display code entry | △ Disabled | <input type="checkbox"/> Enabled |
| [2] Display exit delay | △ Disabled | <input type="checkbox"/> Enabled |
| [3] Display entry delay | △ Disabled | <input type="checkbox"/> Enabled |
| [4] Confidential Mode (not for UL installations) | △ Disabled | <input type="checkbox"/> Enabled |
| [5] To exit Confidential Mode | △ Enter code | <input type="checkbox"/> Press Button |
| [6] Future Use | <input type="checkbox"/> N/A | <input type="checkbox"/> N/A |
| [7] Future Use | <input type="checkbox"/> N/A | <input type="checkbox"/> N/A |
| [8] Time display option | △ yy/mm/dd | <input type="checkbox"/> dd/mm/yy |

SECTION [004]: General Options 2

| Option | OFF | ON |
|-------------------------------------|-----------------------------------|-------------------------------------|
| [1] Mute Keypad | △ Disabled | <input type="checkbox"/> Enabled |
| [2] Exit Delay Beep | <input type="checkbox"/> Disabled | △ Enabled |
| [3] Door Left Open Pre-Alarm † | <input type="checkbox"/> Disabled | △ Enabled |
| [4] Chime on Zone Closure | △ Disabled | <input type="checkbox"/> Enabled |
| [5] Door Left Open Alarm Feedback † | <input type="checkbox"/> Silent | △ Audible |
| [6] Door Left Open Alarm Follows † | △ Alarm restore | <input type="checkbox"/> Beep Timer |
| [7] Door Forced Alarm † | <input type="checkbox"/> Silent | △ Audible |
| [8] Door Forced Alarm † | △ Alarm restore | <input type="checkbox"/> Beep Timer |

SECTION [005] : Beep on Trouble

| Option | OFF | ON |
|---|-----------------------------------|-------------------------------------|
| [1] System & Clock Trouble Beep | △ Disabled | <input type="checkbox"/> Enabled |
| [2] Communicator Trouble Beep | △ Disabled | <input type="checkbox"/> Enabled |
| [3] Module & Combus Trouble Beep | △ Disabled | <input type="checkbox"/> Enabled |
| [4] All Zone Trouble Beep | △ Disabled | <input type="checkbox"/> Enabled |
| [5] to [6] Future Use | <input type="checkbox"/> N/A | <input type="checkbox"/> N/A |
| [7] Time Format | △ 24Hr clock | <input type="checkbox"/> 12Hr clock |
| [8] Audible Feedback on Access Request* | <input type="checkbox"/> Disabled | △ Enabled |

SECTION [006]: PGM and Tamper Options

| Option | OFF | ON |
|----------------------------|------------------------------|------------------------------------|
| [1] PGM State‡ | △ N.O. | <input type="checkbox"/> N.C. |
| [2] PGM Deactivation Mode‡ | △ Deactivation Event | <input type="checkbox"/> PGM Timer |
| [3] PGM Base Time‡ | △ 1 second | <input type="checkbox"/> 1 minute |
| [4] PGM Override‡ | △ Disabled | <input type="checkbox"/> Enabled |
| [5] Keypad Tamper | △ Disabled | <input type="checkbox"/> Enabled |
| [6] to [8] Future Use | <input type="checkbox"/> N/A | <input type="checkbox"/> N/A |

* Section/option is only available with EVO641 / EVO641R keypads

† Section/option is only available with LCD keypad with built-in reader

‡ Section/option is only available with standard LCD keypad

SECTION [006]: General Options 3 (EVO641R only)

| Option | | OFF | ON |
|--------|---------------------------------------|---|---|
| [1] | Card Activates Door Unlocked Schedule | <input type="checkbox"/> Disabled. | <input checked="" type="checkbox"/> Enabled |
| [2] | Door Left Open Alarm | <input checked="" type="checkbox"/> Disabled | <input type="checkbox"/> Enabled |
| [3] | Door Forced Open Alarm | <input checked="" type="checkbox"/> Disabled | <input type="checkbox"/> Enabled |
| [4] | Future Use | <input type="checkbox"/> N/A | <input type="checkbox"/> N/A |
| [5] | Keypad Tamper | <input checked="" type="checkbox"/> Disabled | <input type="checkbox"/> Enabled |
| [6] | Relock Door | <input checked="" type="checkbox"/> After Opening | <input type="checkbox"/> After Closing |
| [7] | Future Use | <input type="checkbox"/> N/A | <input type="checkbox"/> N/A |
| [8] | Unlock on REX | <input checked="" type="checkbox"/> Disabled | <input type="checkbox"/> Enabled |

| Section | Data | Description | Default |
|---------|--|---|---------|
| [007] | __/__/__ (005 to 255 seconds) | Confidential Mode Timer | 120 |
| [008] | __/__/__ (000 to 255; see option [3] in section [006]) | PGM Timer ‡ | 005 |
| [008] | __/__/__ (000 to 255 seconds) | Door Unlocked Period † | 005 |
| [009] | __/__/__ (000 to 255 seconds added to section [008]) | Door Unlocked Period Extension † | 015 |
| [010] | __/__/__ (000 to 255 seconds) | Door Left Open Interval † | 060 |
| [011] | __/__/__ (000 to 25 seconds) | Door Left Open Pre-Alarm Timer † | 015 |
| [012] | __/__/__ (000 to 25 seconds) | Beep Timer for Door Left Open Alarm † | 005 |
| [013] | __/__/__ (000 to 25 seconds) | Beep Timer for Door Forced Open Alarm † | 005 |

† Section/option is only available with LCD keypad with reader.

‡ Section/option is only available with LCD keypads.

Section [017] Door Unlocked Schedule (EVO641R only)

| | Start Time | End Time | Days (turn ON or OFF) |
|-------------|-------------|-------------|-----------------------|
| | | | S M T W T F S H |
| Schedule A: | ____ : ____ | ____ : ____ | 1 2 3 4 5 6 7 8 |
| Schedule B: | ____ : ____ | ____ : ____ | 1 2 3 4 5 6 7 8 |

SECTION [018]: Beeping Assignment*

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

*Available only with EVO641 / EVO641R keypads.

| | Event Group | Feature Group | Start # | End # |
|------------------|----------------|----------------|----------------|----------------|
| | Section | Section | Section | Section |
| PGM Activation | [009] __/__/__ | [010] __/__/__ | [011] __/__/__ | [012] __/__/__ |
| PGM Deactivation | [013] __/__/__ | [014] __/__/__ | [015] __/__/__ | [016] __/__/__ |



All Event Groups except groups 064 to 067 can be used to program the module's PGM. See "Programmable Outputs" on page 21.

Message Programming

Each section from [101] to [148], [200] to [204] and [301] to [396] contains one message with a maximum of 16 characters. The sections contain the following messages:

Sections [101] to [148] = "Zone 01" to "Zone 48" respectively

Section [200] = "Paradox Security"

Sections [201] to [204] = "First Area", "Second Area", "Third Area", and "Fourth Area"

Sections [301] to [396] = "Code 01" to "Code 96" respectively

After entering the section corresponding to the desired message, the message can be re-programmed to suit your installation needs as detailed in Table 2. For example, section [101] "Zone 01" can be changed to "FRONT DOOR".

Table 2: Message Programming Special Function Keys

| Key | Function | Details |
|----------|----------------------|---|
| [STAY] | Insert Space | Press the [STAY] key to insert a blank space at the current cursor's position. |
| [FORCE] | Delete | Press the [FORCE] key to delete the character or blank space found at the current cursor's position. |
| [ARM] | Delete Until the End | Press the [ARM] key to delete all characters and spaces to the right of the cursor and at the cursor's position. |
| [DISARM] | Numeric/Alphanumeric | Press the [DISARM] key to toggle the numeric keys to alphanumeric keys and vice versa. Numeric: Keys [0] to [9] represent numbers 0 to 9. Alphanumeric: refer to Table 3 below. |
| [BYP] | Lower/Upper Case | Press the [BYP] key to toggle from lower to upper case and vice versa. |
| [MEM] | Special Characters | After pressing the [MEM] key, the cursor will turn into a flashing black square. Using Table 4 below, enter the 3-digit number for the desired character. |

Table 3: Alphanumeric Keys

| Key | Press Key Once | Press Key Twice | Press Key Three Times |
|-----|----------------|-----------------|-----------------------|
| [1] | A | B | C |
| [2] | D | E | F |
| [3] | G | H | I |
| [4] | J | K | L |
| [5] | M | N | O |
| [6] | P | Q | R |
| [7] | S | T | U |
| [8] | V | W | X |
| [9] | Y | Z | |

Table 4: Special Characters

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 032 | 048 | 064 | 080 | 096 | 112 | 128 | 144 | 160 | 176 | 192 | 208 |
| | 0 | @ | P | ` | p | û | ê | â | \$ | Ø | • |
| 033 | 049 | 065 | 081 | 097 | 113 | 129 | 145 | 161 | 177 | 193 | 209 |
| ! | 1 | A | Q | a | q | ù | è | î | ± | Ł | ˆ |
| 034 | 050 | 066 | 082 | 098 | 114 | 130 | 146 | 162 | 178 | 194 | 210 |
| " | 2 | B | R | b | r | ú | é | ï | ıj | Đ | ° |
| 035 | 051 | 067 | 083 | 099 | 115 | 131 | 147 | 163 | 179 | 195 | 211 |
| # | 3 | C | S | c | s | ü | ë | í | ↑ | β | ` |
| 036 | 052 | 068 | 084 | 100 | 116 | 132 | 148 | 164 | 180 | 196 | 212 |
| \$ | 4 | D | T | d | t | û | ê | ï | ↓ | ç | ' |
| 037 | 053 | 069 | 085 | 101 | 117 | 133 | 149 | 165 | 181 | 197 | 213 |
| % | 5 | E | U | e | u | ù | è | ı | ↵ | ® | ~ |
| 038 | 054 | 070 | 086 | 102 | 118 | 134 | 150 | 166 | 182 | 198 | 214 |
| & | 6 | F | V | f | v | ú | é | ñ | f | □ | ÷ |
| 039 | 055 | 071 | 087 | 103 | 119 | 135 | 151 | 167 | 183 | 199 | 215 |
| ' | 7 | G | W | g | w | ô | ë | ñ | £ | ⌈⌋ | « |
| 040 | 056 | 072 | 088 | 104 | 120 | 136 | 152 | 168 | 184 | 200 | 216 |
| (| 8 | H | X | h | x | ò | ä | ñ | → | μ | » |
| 041 | 057 | 073 | 089 | 105 | 121 | 137 | 153 | 169 | 185 | 201 | 217 |
|) | 9 | I | Y | i | y | ó | ä | ü | ↓ | Ø | † |
| 042 | 058 | 074 | 090 | 106 | 122 | 138 | 154 | 170 | 186 | 202 | 218 |
| * | : | J | Z | j | z | ö | ä | ü | ↑ | ÿ | \ |
| 043 | 059 | 075 | 091 | 107 | 123 | 139 | 155 | 171 | 187 | 203 | 219 |
| + | ; | K | [| k | { | ö | ä | v | ↓ | Ä | x |
| 044 | 060 | 076 | 092 | 108 | 124 | 140 | 156 | 172 | 188 | 204 | 220 |
| , | < | L | ¥ | ı | ı | ò | à | ı | ı | ¢ | ® |
| 045 | 061 | 077 | 093 | 109 | 125 | 141 | 157 | 173 | 189 | 205 | 221 |
| - | = | M |] | m | } | ó | á | w | ½ | ä | © |
| 046 | 062 | 078 | 094 | 110 | 126 | 142 | 158 | 174 | 190 | 206 | 222 |
| . | > | N | ^ | n | → | ö | ä | w | ⅓ | Ö | ı |
| 047 | 063 | 079 | 095 | 111 | 127 | 143 | 159 | 175 | 191 | 207 | 223 |
| / | ? | O | _ | o | ← | ı | Ä | Æ | ¼ | ö | ≡ |

Using the Memory Key

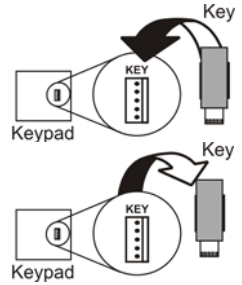
- [510] Download all from the Memory Key (LCD keypad sections [001] to [396] and all labels and messages) to the LCD keypad.
- [520] Copy the LCD keypad sections [001] to [396] and all labels and messages to the Memory Key.

Download Contents of the Memory Key to the LCD Keypad

- 1) Insert the Memory Key onto the keypad's connector labelled "KEY".
- 2) To download the contents of the Memory Key, enter the keypad's programming mode and enter section [510].
- 3) Once the keypad emits a confirmation beep, wait for a second confirmation beep and then remove the Memory Key.

Copy Contents of the LCD Keypad to the Memory Key

- 1) Insert Memory Key onto the keypad's connector labelled "KEY". Ensure that the write protect jumper is on (refer to *Using the Memory Key* below).
- 2) To copy the contents to the Memory Key, enter the keypad's programming mode and enter section [520].
- 3) Once the keypad emits a confirmation beep, wait for a second confirmation beep and then remove the Memory Key. Remove the Memory Key's jumper if you do not wish to accidentally overwrite its contents.



Memory Key (PMC-5)



The memory key will only function with a keypad that has the DGP2 or DNE prefix in the model number. Only the PMC-4 or PMC-5 memory key will function with DGP2 and DNE keypads.

Combust Voltmeter

To verify if the combus is supplying sufficient power, press and hold the [0] key, enter the [INSTALLER CODE] and press the [ACC] button. A reading of 10.5V or lower indicates at a distant module that the voltage is too low. The voltage may drop during the control panel battery test.

Updating Firmware Using WinLoad

To update your system firmware:

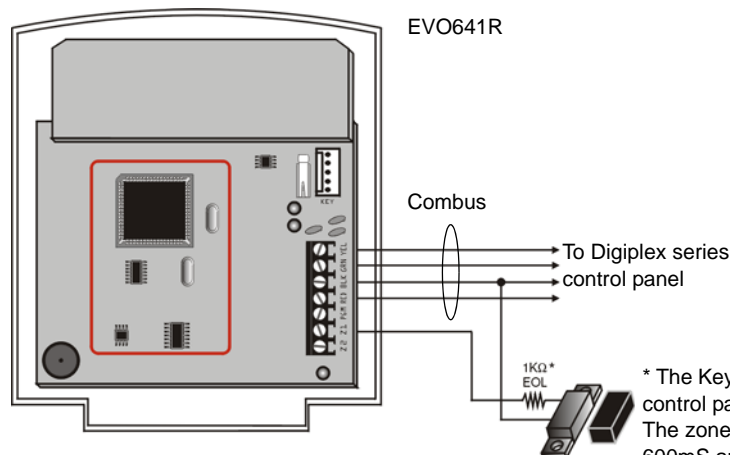
- 1) Connect the product to your computer using a 307USB Direct Connect Interface or CONV4USB Converter.
- 2) Start WinLoad Installer Upload/Download Software.
- 3) Click the **In-field Programmer** button.
- 4) Verify the product information located in the In-Field Firmware Programmer window.
- 5) If the firmware programmer does not automatically detect your control panel, click the **Com port settings** button and select the correct Com port. Then click the **Refresh Product Info** button to connect with the panel.
- 6) To check for new updates, click the **Download Firmware from the web** button.
- 7) From the Select Firmware drop-down box, select the firmware version you wish to install.
or
If you have already downloaded the .pef file from paradox.com, click the [...] button and select the location of the .pef file.
- 8) Click the **Update product firmware** button.

When the download process finishes, the update is complete.

Connecting the Keypad and Keypad Zone

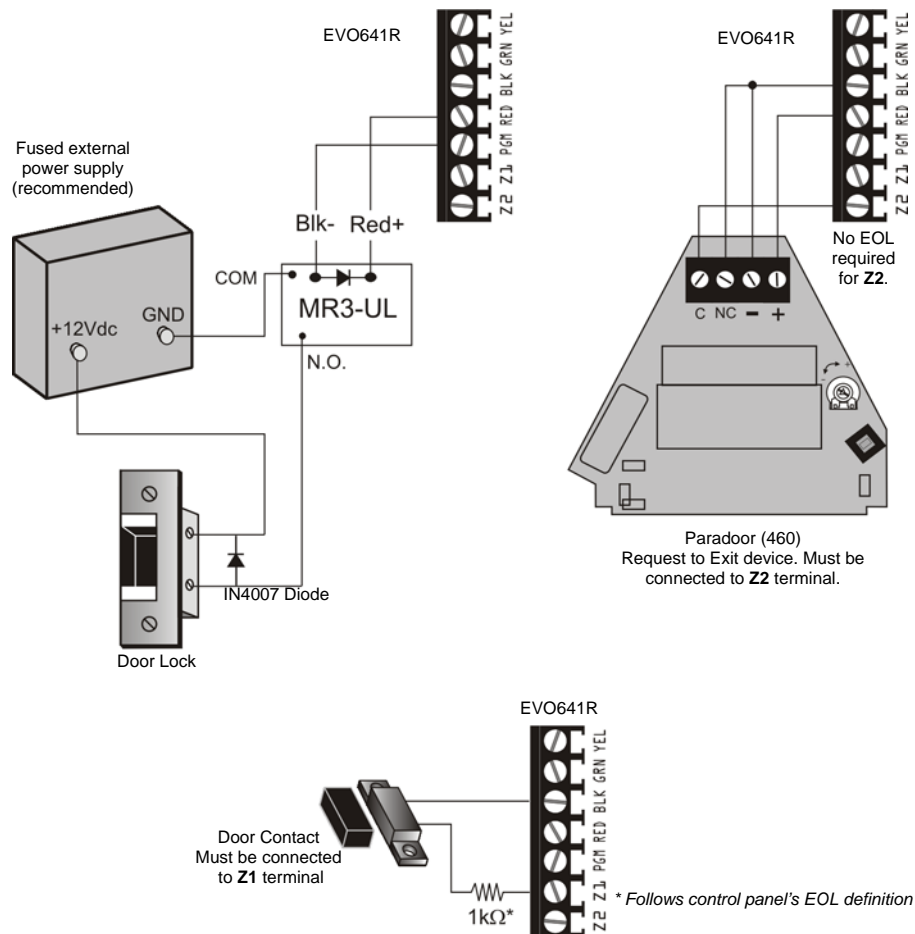


The keypad's tamper switch will communicate its status to the control panel via the combus



* The Keypad zone follows the control panel's EOL definition. The zone speed is set at 600ms and cannot be programmed.

Access Control Connections (EVO641R only)



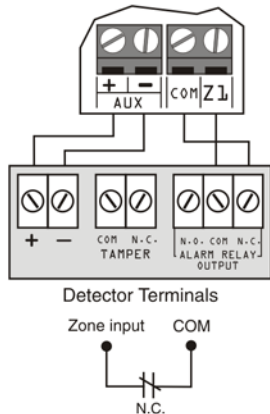
If a door contact is not being used, install a jumper or a 1kΩ resistor across the BLK and Z1 terminals depending on the control panel's EOL definition.

If the REX (Request for Exit) device is not being used, place a jumper across the BLK and Z2 terminals.

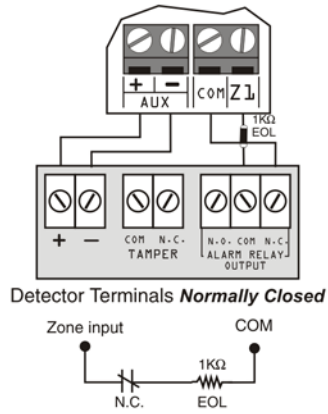
Control Panel Hardware Connections

Single Zone Inputs

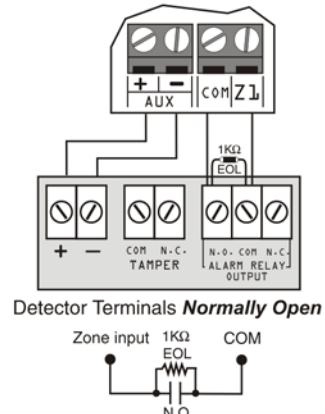
N.C. Contacts, No EOL
CONTROL PANEL TERMINALS



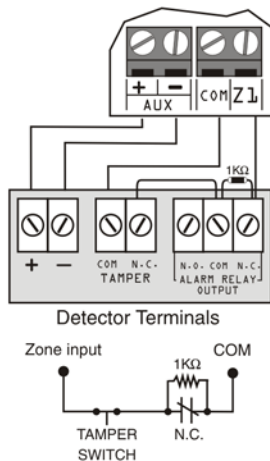
N.C., With EOL (UL/ULC Configuration)
CONTROL PANEL TERMINALS



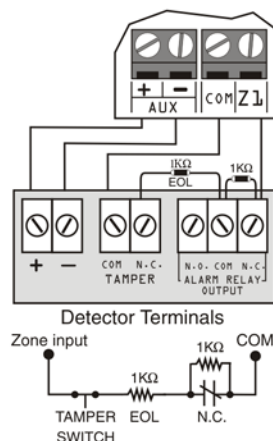
N.O., With EOL (UL/ULC Configuration)
CONTROL PANEL TERMINALS



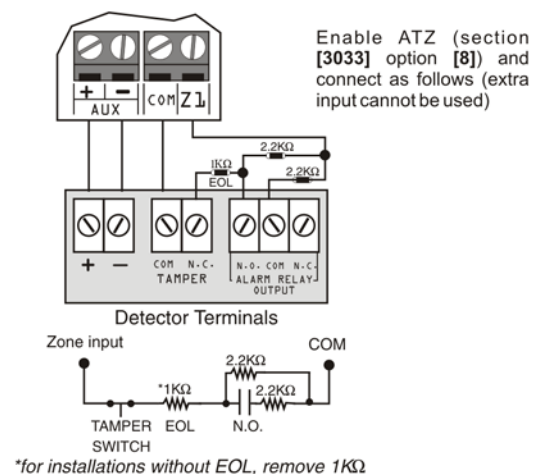
N.C. Contacts, No EOL, With Tamper Recognition
CONTROL PANEL TERMINALS



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

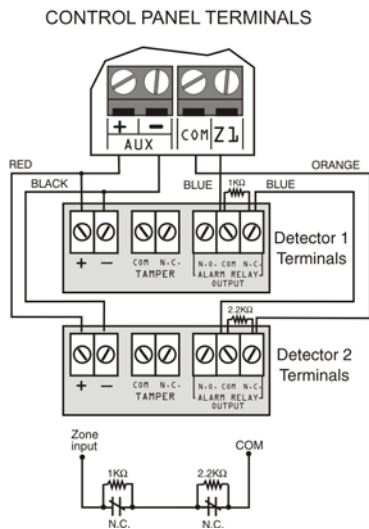


N.O., With EOL, With Tamper & Wire Fault Recognition
CONTROL PANEL TERMINALS

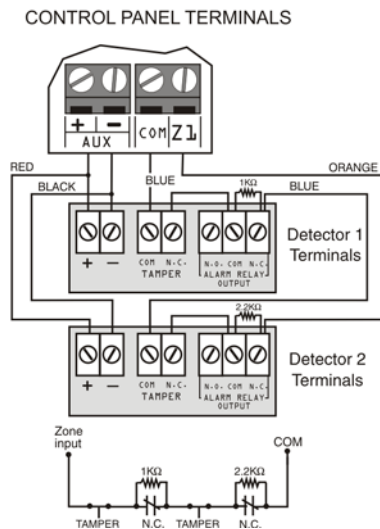


ATZ - Double Zone Inputs

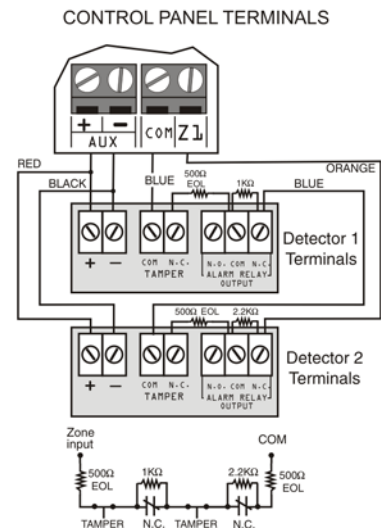
N.C., No EOL Resistor



N.C., No EOL, With Tamper Recognition



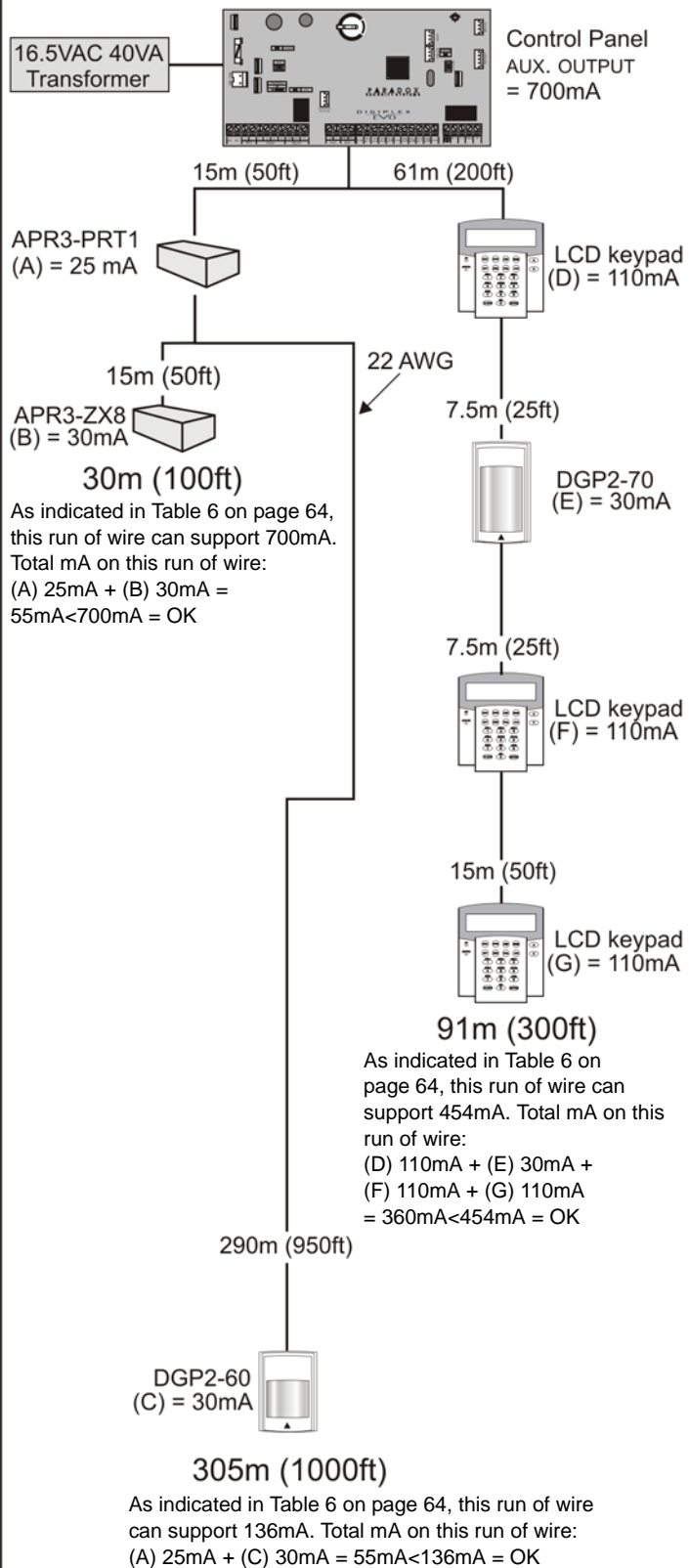
N.C., With EOL and Tamper & Wire Fault Recognition (UL/ULC)



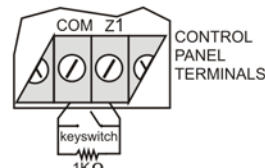
Connections

Example: Sample Power Requirement Calculations

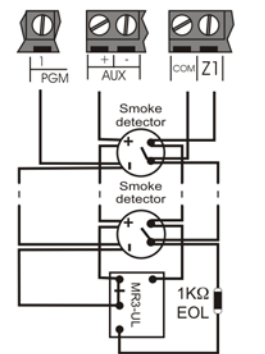
Power required by devices connected to control panel's auxiliary output must not exceed the auxiliary output's limit:
 $(A) + (B) + (C) + (D) + (E) + (F) + (G) = 445\text{mA} < 700\text{mA} = \text{OK}$



Keyswitch Connections



Fire Zones UL/ULC Installation Control Panel Terminals

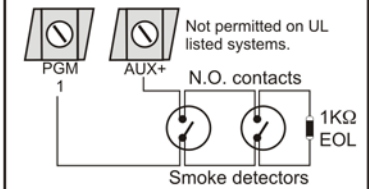


SINGLE FIRE ZONE CONNECTIONS ONLY. If the ATZ feature is enabled, do not use the extra input (i.e. in the above example, input 013 cannot be used as a zone).

Note: It is recommended that the smoke detectors be connected in a daisy chain configuration.

2-Wire Smoke Detector Input

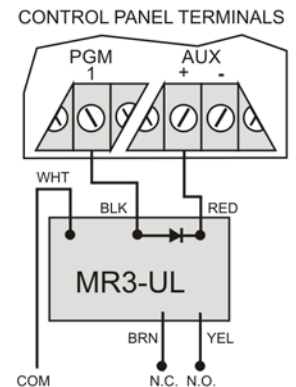
Option [1] in section [3030] must be enabled. PGM1 becomes control panel input # 255.



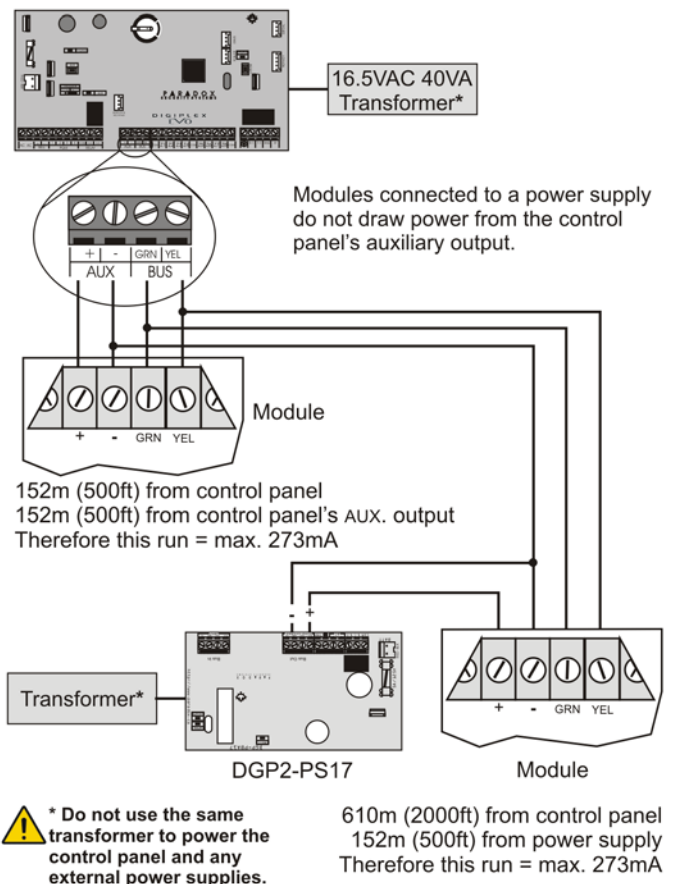
When using ESL smoke detectors with the CleanMe™ feature, do not connect more than 20 detectors in parallel.

Note: It is recommended that the smoke detectors be connected in a daisy chain configuration.

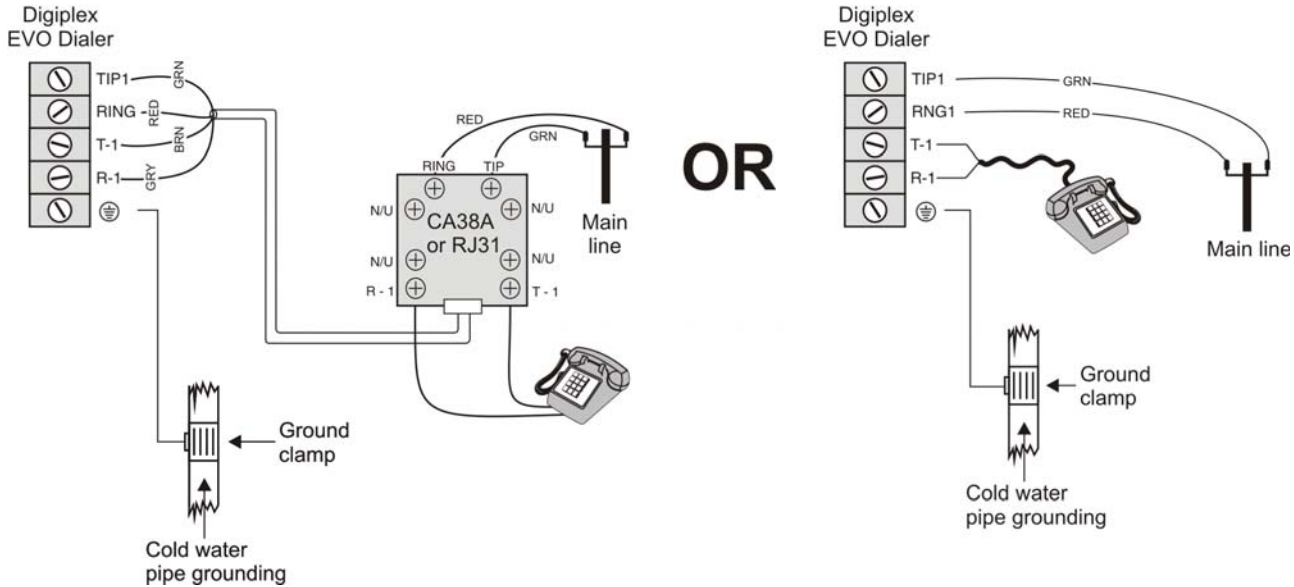
PGM: Relay Output



External Power Supply Connections



Telephone Line Connections



For TBR-21 compliance, please note the following:

- 1) The EVO panel can be connected to the telephone network via an RJ-11 connector.
- 2) The Maximum Dialing Attempts cannot exceed 15 attempts (section [3056] on page 39).

Table 5: Milliamp Consumption Table

| Description | QTY. | mA used by each | Total mA |
|--|-------|-----------------|----------|
| Grafica Graphic LCD Keypads (DNE-K07): | _____ | X 130mA = | _____ mA |
| LCD Keypads (EVO641): | _____ | X 110mA = | _____ mA |
| LCD Keypads with Built-in Reader (EVO641R): | _____ | X 120mA = | _____ mA |
| LED Keypads (DGP2-648): | _____ | X 110mA = | _____ mA |
| Motion Detector Modules (DG85, DGP2-50/60/70): | _____ | X 30mA = | _____ mA |
| Door Contact Modules (DGP2-ZC1): | _____ | X 15mA = | _____ mA |
| 1-Zone Expansion Modules (DGP2-ZX1): | _____ | X 30mA = | _____ mA |
| 4-Zone Expansion Modules (APR3-ZX4): | _____ | X 30mA = | _____ mA |
| 8-Zone Expansion Modules (APR-ZX8): | _____ | X 30mA = | _____ mA |
| Magellan Wireless Expansion Modules (MG-RTX3): | _____ | X 35mA = | _____ mA |
| 4-PGM Expansion Modules (APR3-PGM4): | _____ | X 150mA = | _____ mA |
| Printer Modules (APR-PRT3): | _____ | X 25mA = | _____ mA |
| DVACS Modules (DGP2-DVAC): | _____ | X 40mA = | _____ mA |
| Annunciator Modules (DGP2-ANC1): | _____ | X 20mA = | _____ mA |
| InTouch Voice-Assisted Arm/Disarm Modules (APR3-ADM2): | _____ | X 105mA = | _____ mA |
| Hub and Bus Isolator (APR3-HUB2): | _____ | X 50mA = | _____ mA |
| Access Control Module (DGP-ACM12): | _____ | X 120mA = | _____ mA |
| Note: The DGP-ACM12 consumes 130mA from its own power supply or 120mA when connected on the combus for power. | | | |
| Listen-In Module (DGP-LSN4) | _____ | X 60mA = | _____ mA |
| Internet Module (IP100) | _____ | X 110mA = | _____ mA |
| Plug-In Voice Module (VDMP3) | _____ | X 35mA = | _____ mA |
| Other devices such as hardwired motion detectors | _____ | | _____ mA |
| Maximum available milliamps = 700mA | | GRAND TOTAL | _____ mA |

STEP 1: Using Table 5, calculate the total number of milliamps (mA) 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 700mA, go to step 3. If the value is greater, you will require an external power supply (see *External Power Supply Connections* drawing on page 62) to provide the additional power needed. Proceed with step 3 and refer to the example (*Sample Power Requirement Calculations* drawing) on page 62.

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 milliamps (mA). Using Table 6, determine how many milliamps each length of wire can support. Please note that the total number of milliamps (mA) can never surpass 700mA.

Table 6: Milliamp (mA) Limitations For Each Run of Wire

| Gauge: 18AWG, Surface: 0.823mm ² | |
|---|--------------------------|
| Length of each run of wire | Available Milliamps (mA) |
| 30m(100ft.) | 700 |
| 61m(200ft.) | 700 |
| 91m(300ft.) | 700 |
| 122m(400ft.) | 700 |
| 152m(500ft.) | 690 |
| 183m(600ft.) | 575 |
| 213m(700ft.) | 493 |
| 244m(800ft.) | 431 |
| 274m(900ft.) | 383 |
| 305m(1000ft.) | 345 |
| 457m(1500ft.) | 230 |
| 610m(2000ft.) | 172 |
| 762m(2500ft.) | 138 |
| 914m(3000ft.) | 115 |

| Gauge: 22AWG, Surface: 0.326mm ² | |
|---|--------------------------|
| Length of each run of wire | Available Milliamps (mA) |
| 30m(100ft.) | 700 |
| 61m(200ft.) | 682 |
| 91m(300ft.) | 454 |
| 122m(400ft.) | 341 |
| 152m(500ft.) | 273 |
| 183m(600ft.) | 227 |
| 213m(700ft.) | 195 |
| 244m(800ft.) | 170 |
| 274m(900ft.) | 151 |
| 305m(1000ft.) | 136 |
| | |
| | |
| | |
| | |
| | |

| Gauge: 24AWG, Surface: 0.205mm ² | |
|---|--------------------------|
| Length of each run of wire | Available Milliamps (mA) |
| 30m(100ft.) | 700 |
| 61m(200ft.) | 429 |
| 91m(300ft.) | 286 |
| 122m(400ft.) | 214 |
| 152m(500ft.) | 171 |
| 183m(600ft.) | 143 |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Connecting the Combus in Noisy Environments

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

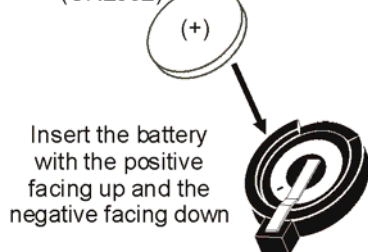
Within the Same Building: Strip the outer jacket at one end of the shielded cable to expose the shield and connect the shield to the control panel ground (not the dialer ground), while leaving the shield at the other end of the cable open (floating).

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.

Built-in RTC

Digiplex EVO panels incorporate an RTC directly on the PC board. The RTC will save the control panel's internal clock when both the AC and battery power have been lost. After power is lost and then restored, the control panel will verify with and then retrieve the time from the RTC. The control panel will verify and compare its time with the time stored in the RTC every hour. If the times are different, the control panel will reset its internal clock to the time saved in the RTC. The RTC uses a 3V lithium battery (CR2032) with a battery life of 11 years. Change the battery as shown below:

3V Lithium Battery
(CR2032)



Reprogram the control panel's clock after changing the battery.

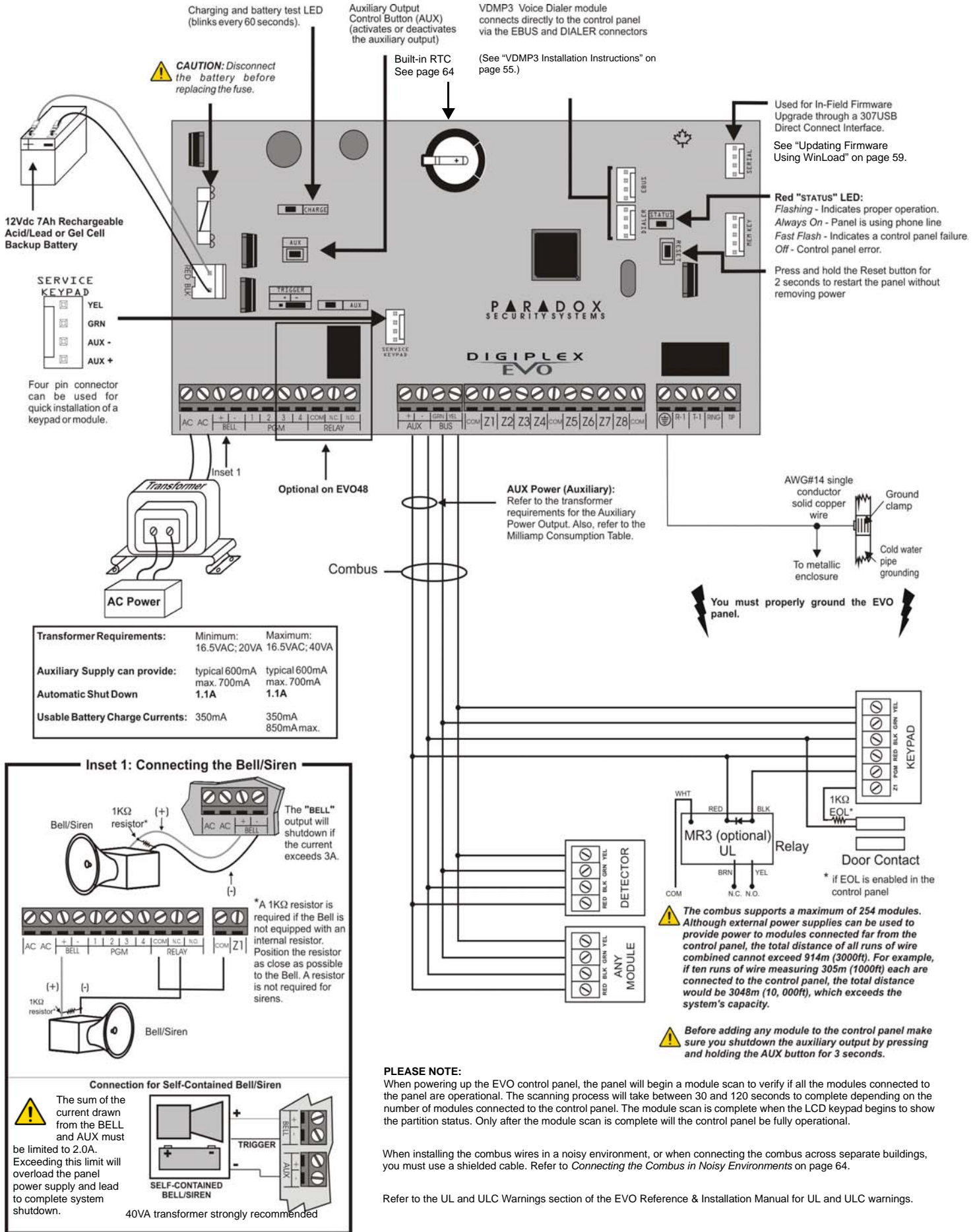


Danger of explosion exists if the lithium battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.



Do not connect a DGP2-TM1 Time Module to the "mem key" connector. Connecting a DGP2-TM1 will create time errors within the panel and features that use the control panel's internal clock (ex.: Auto-arming) will not function correctly.

PCB Layout



Notes

Warranty

For complete warranty information on this product please refer to the Limited Warranty Statement found on the website www.paradox.com/terms. Your use of the Paradox product signifies your acceptance of all warranty terms and conditions.

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Limitations of Alarm Systems

It must be understood that while your Paradox alarm system is highly advanced and secure, it does not offer any guaranteed protection against burglary, fire or other emergency (fire and emergency options are only available on certain Paradox models). This is due to a number of reasons, including but not limited to inadequate or improper installation/positioning, sensor limitations, battery performance, wireless signal interruption, inadequate maintenance or the potential for the system or telephone lines to be compromised or circumvented. As a result, Paradox does not represent that the alarm system will prevent personal injury or property damage, or in all cases provide adequate warning or protection.

Your security system should therefore be considered as one of many tools available to reduce risk and/or damage of burglary, fire or other emergencies, such other tools include but are not limited to insurance coverage, fire prevention and extinguish devices, and sprinkler systems.

We also strongly recommend that you regularly maintain your security systems and stay aware of new and improved Paradox products and developments.

Warning for Connections to Non-Traditional Telephony (eg. VoIP)

Paradox alarm equipment was designed to work effectively around traditional telephone systems. For those customers who are using a Paradox alarm panel connected to a non-traditional telephone system, such as "Voice Over Internet Protocol" (VoIP) that converts the voice signal from your telephone to a digital signal traveling over the Internet, you should be aware that your alarm system may not function as effectively as with traditional telephone systems.

For example, if your VoIP equipment has no battery back-up, during a power failure your system's ability to transmit signals to the central station may be compromised. Or, if your VoIP connection becomes disabled, your telephone line monitoring feature may also be compromised. Other concerns would include, without limitation, Internet connection failures which may be more frequent than regular telephone line outages.

We therefore strongly recommend that you discuss these and other limitations involved with operating an alarm system on a VoIP or other non-traditional telephone system with your installation company. They should be able to offer or recommend measures to reduce the risks involved and give you a better understanding.

WARNING: This equipment must be installed and maintained by qualified service personnel only.

Trouble Display

To view the Trouble Display on LCD or LED keypads:

- 1) Press the [TRBL] key.
- 2) **For LEDs:** Press the Numerical Symbol corresponding to the Group heading to view the specific trouble.
For LCDs: Press the number representing the trouble and use the [▲] and [▼] keys to view the specific trouble.

To view the Trouble Display on Grafica Keypads:

- 1) Enter your [ACCESS CODE].
- 2) Using the scroll keys, highlight **Trouble** and then press the center action key (**Ok**). The trouble(s) will appear by Trouble Group.
- 3) If more than one Trouble Group appears, highlight the desired group before pressing the center action key (**View**) to view the specific trouble.

| 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]: NETWORK (COMBUS) 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] Combus 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. | |

For technical support in Canada or the U.S., call 1-800-791-1919, Monday to Friday from 8:00 a.m. to 8:00 p.m. EST.
For technical support outside Canada and the U.S., call 00-1-450-491-7444, Monday to Friday from 8:00 a.m. to 8:00 p.m. EST.
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