

## SOFTWARE VERSION 2.20

## CONTROL PANEL RESET:

Installer lock must be unlocked.
(Address 255: enter any value other than 147)

## Power down reset

(1) Remove battery and AC to power down the unit.
(2) Connect a jumper between "reset jumper" pins.
(3) Connect AC and/or battery.
N.B.: If serial communication is required (i.e. the panel is used with another module 708, 708DV, SRI-18, etc.), PGM1 must be disabled: enter [2ND] [2ND] at addresses 196 and 198.
(4) Wait 3 seconds.
(5) Remove jumper.

Factory default installer and master codes will be reinstated. Values entered at addresses 059-243, as well as all user codes, will be erased ([2ND] [2ND]). Programmed values of all other addresses do not change.

## PANEL ANSWER OPTIONS:

ADDRESS 000: $\qquad$ (factory default [2ND], [8])

Answering machine override 2nd call time:
[2ND] or [1] answering machine override disabled.
[2] $=16 \mathrm{sec}$.
[3] $=24 \mathrm{sec}$.
$[4]=32 \mathrm{sec}$.
[5] = 40 sec .
[6] $=48 \mathrm{sec}$.
[7] $=56 \mathrm{sec}$.
[8] to $[F]=60 \mathrm{sec}$.
Entering [2ND] [2ND] - Panel will not answer.
PANEL IDENTIFIER:
001: $\qquad$ 002: $\qquad$
PC PASSWORD:
003: $\qquad$ 004: $\qquad$

## $\nabla$

Number of rings before answer:
Value entered determines number of rings before answer.


## INSTALLER CODE: (reset code 282828)

Full access to programming, except access codes. (addresses 008-058) No access to arming/disarming. Can be used to modify installer code. Use only numeric keys from [1] to [10]. (key [10] = 0)
005: $\qquad$ 006: $\qquad$ 007: $\qquad$

## INTELLIZONE DELAY:

ADDRESS 059: $\qquad$ [2ND]

First digit: (factory default [3])
[1] = 16 sec .
[5] $=80 \mathrm{sec}$.
[9] $=144 \mathrm{sec}$.
[ByP] $=208 \mathrm{sec}$.
[2] $=32 \mathrm{sec}$.
[6] $=96 \mathrm{sec}$.
[10] $=160 \mathrm{sec}$.
[мем] $=224 \mathrm{sec}$.
[3] $=48 \mathrm{sec}$.
$[7]=112 \mathrm{sec}$.
$[11]=176 \mathrm{sec}$.
[TRBL] $=240 \mathrm{sec}$.
[12] $=192 \mathrm{sec}$.
[4] $=64 \mathrm{sec}$.
[8] $=128 \mathrm{sec}$.
[2ND] $=256 \mathrm{sec}$.

## Dialer circuit is patent pending.

## STREAMLINED SECTION PROGRAMMING

Can be used to program sections 00 to 34. (addresses 060 to 199)
Press [ENTER] + installer code + [2] [7]. ([2ND] + [ENTER] flashes alternately.)
Enter a 2 -digit section number, followed by 8 digits to program that section (confirmation beep). Data will be saved automatically and the software advances to the next programming section. To exit programming mode press [cLeAR].

## TELEPHONE AND ACCOUNT NUMBERS: (reset empty)

Press [TRBL] at the end of a phone number if less than 16 digits are programmed.
If only one central station phone number is used, program the same number for telephone number 1 and 2.

$$
\begin{aligned}
{[10] } & =\text { the number "0" } \\
{[11] } & =* \\
{[12] } & =\#
\end{aligned}
$$

[BYP] = switch from pulse to tone while dialing
[MEM] = pause 4 seconds
[TRBL] = end of number

COMPUTER TELEPHONE NUMBER: (View at addresses 060 to 067.)
Streamline
section


Streamline
section
$01 \overline{9}^{\prime} \overline{10}^{\prime} \frac{-11}{11}^{\prime} \overline{12}^{\prime} \overline{13}^{\prime} \overline{14}^{\prime} \overline{15}^{\prime} \frac{}{16}$

Press [TRBL] to end phone number if less than 16 digits are programmed.

Press [TRBL] to end phone number if less than 16 digits are programmed.

Press [TRBL] to end phone number if less than 16 digits are programmed.

For 3 digit account numbers, enter "skip" ([2ND]) as first digit.

ACCOUNT "A" AND "B": (View at addresses 084 to 087.)
Streamline
section


If only one account number is required, the same number must be entered for both account " A " and " B ".

## REPORTING CODES: (reset code = "empty" [2No] [2ND])

All digits from [1] to [F] are valid. Enter [2ND] (skip) = digit will not be reported.
If CONTACT I.D. format (all codes) is selected, sections 07 to 32 are preprogrammed and do not have to be programmed.
(Select Contact I.D for both central station numbers at section 33 - address 194 - key [10].)
ARMING (closing) CODES:
Streamline

section | Data |
| :---: |
| Description | Address

DISARMING (opening) CODES: Streamline Data Description

Address section

$11-\quad$| User code 1 | 104 |
| :---: | :---: |
| User code 2 | 105 |
| User code 3 | 107 |
| User code 4 | 107 |



User code 9


User code 13

REPORTING CODES: (reset code "empty")
ALARM CODES ZONE 1 TO 10:

| Streamline section | Data | Description | Address | Streamline section | Data | Description | Addres |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15 | 1 | Zone 1 | 120 | $17-$ | 1 | Zone 9 | 128 |
|  | 1 | Zone 2 | 121 |  | 1 | Zone 10 | 129 |
|  | 1 | Zone 3 (fire) | 122 (See add. 220) |  | [2N0] [ [2N0] | N/A | 130 |
|  | 1 | Zone 4 | 123 |  | [2N0]/[2N0] | N/A | 131 |


$16-$| $\square-1$ | Zone 5 | $\mathbf{1 2 4}$ |
| :--- | :--- | :--- |
| Zone 6 | $\mathbf{1 2 5}$ |  |
| Zone 7 | $\mathbf{1 2 6}$ |  |
| $\square-1$ | Zone 8 | $\mathbf{1 2 7}$ |

Sections 18 to 20 are not available. Streamline software advances automatically from section 17 to 21.
RESTORE CODES ZONE 1 TO 10:

| Streamline section | Data | Description | Address | Streamline section | Data | Description | Addres |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 21- | 1 | Zone 1 | 144 | 23 | 1 | Zone 9 | 152 |
|  | 1 | Zone 2 | 145 |  | 1 | Zone 10 | 153 |
|  | 1 | Zone 3 | 146 |  | [ 2 Nol ]/[200] | N/A | 154 |
|  | 1 | Zone 4 | 147 |  | [ 2 Noj /[2 2 No ] | N/A | 155 |



Sections $\mathbf{2 4}$ to $\mathbf{2 6}$ are not available. Streamline software advances automatically from section $\mathbf{2 3}$ to 27 .
TROUBLE CODES:

| Streamline section | Data | Description | Address | Streamline section | Data | Description | Address |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | Max. auxiliary current | 168 |  | 1 | Program change | 172 |
|  | 1 | Bell disconnect/ | 169 | 8 | 1 | Timer loss | 173 |
| 27 |  | max. bell current |  | 28 | 1 | Fire loop trouble | 174 |
| 27 | 1 | Battery disconnected/ | 170 |  | 1 | Test report | 175 |

## TROUBLE RESTORE CODES:

| Streamline section | Data | Description | Address | Streamline section | Data | Description | Address |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 29 | 1 | Max. auxiliary current | 176 | 30- | 1 | Tamper/wiring fault | 180 |
|  | 1 | Bell disconnect | 177 |  | 1 | Timer programmed | 181 |
|  |  | Battery disconnected/ | 178 |  | 1 | Fire loop trouble | 182 |
|  |  | low voltage |  |  | 1 | TLM trouble restore | 183 |
|  | 1 | Power failure | 179 |  |  |  |  |

For single digit reporting enter "skip" ([2ND]) as first digit.

REPORTING CODES:
(continued)
(reset code "empty")

## SPECIAL CODES - FORMATS - PGM:

| Streamline section | Data | Description | Address | Streamline section | Data | Description A | Address |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $31-$ | 1 | Panic 1 | 184 |  | + | Disarm with Espload | 192 |
|  | 1 | Panic 2 | 185 |  | 1 | Disarm with master code | 193 |
|  | 1 | Panic 3 | 186 |  | 1 | 1 st digit: telephone 1 format | 194 |
|  |  | Partial arming | 187 | - | [[2N0] | 2nd digit: telephone 2 format 1st digit: PGM 1 TYPE | 195 |
| 32- | 1 | Auto / Espload arm | 188 |  |  | 2nd digit: any value must be entered i.e. [2ND] |  |
|  | 1 | Arm with master code | 189 |  |  |  |  |
|  |  | No Movement*/ | 190 |  | 1 | PGM 1 (1st, 2nd digit) | 196 |
|  |  | late to close |  |  | [ 2 NOO ][2N0] | N/A | 197 |
|  | [[2N0] | Tamper on input 1-4** | 191 | 34 | I- | PGM 1 (3rd, 4th digit) | 198 |
|  |  | 2nd digit: value must b | e entered | [2ND] | [ [2N0] [ [2N0] | N/A | 199 |

[^0]
## COMMUNICATOR FORMATS

KEY
[2ND] = ADEMCO slow ( $1400 \mathrm{~Hz}, 1900 \mathrm{~Hz}, 10 \mathrm{bps}$ )
[1] $=(1400 \mathrm{~Hz}, 1800 \mathrm{~Hz}, 10 \mathrm{bps})$
[2] = SILENT KNIGHT fast ( $1400 \mathrm{~Hz}, 1900 \mathrm{~Hz}$, 20bps)
[3] = SESCOA ( $2300 \mathrm{~Hz}, 1800 \mathrm{~Hz}, 20 \mathrm{bps}$ )
[4] = RADIONICS (40bps with 1400 Hz handshake)
[5] = RADIONICS (40bps with 2300 Hz handshake)
[6] = RADIONICS with PARITY (1400Hz, 40bps)
[7] = RADIONICS with PARITY ( $2300 \mathrm{~Hz}, 40 \mathrm{bps}$ )
[8] = ADEMCO express
[9] = ADEMCO contact ID (selected codes)
[10] = ADEMCO contact ID (all codes)
[TRBL] = DTMF - no handshake (personal dialing)

## FEATURE SELECT PROGRAMMING

Addresses 200 to 2 2. "ON"/"OFF" status of the key lights determines feature selection.
In programming mode, enter 3 digit memory address ( $\mathbf{2 0 0}$ to 242).
To save entries, press [ENTER].
To exit programming mode press [CLEAR].
Reset = "OFF" for addresses 200 to 22

| CODE PRIORITY |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| KEY SELECT: [1] |  | [2] | 2] [3] [4] [5] [6] [7] |  |  |  |  | [7] [8] [9] [10] [11] [12] [bvP] [mewn [ribll [2vo] |  |  |  |  |  |  |  |  |  |  |
| 200: | $\text { SYSTEM "A" / STAY } \quad \square$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | $\begin{aligned} & \cdots \\ & \square \end{aligned}$ | $4$ |  | 6 | $\square$ | $\begin{gathered} 7 \\ \square \\ \square \end{gathered}$ | $9$ | $9$ | ${ }^{10}$ | $\begin{aligned} & 11 \\ & \square \end{aligned}$ | $12$ | $13$ | $\begin{aligned} & 3 \\ & \square \\ & \square \end{aligned} \quad 14$ | $15$ |  | $\begin{aligned} & 16 \\ & \square \end{aligned}$ |
| 202: | SYSTEM "B" / AWAY $\square^{\square}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | $\begin{aligned} & 3 \\ & \square \end{aligned}$ | $4$ | $5$ | $6$ | $5$ | $\begin{array}{ll} \hline 7 & 8 \\ \square & \square \end{array}$ | $9$ |  | $\begin{aligned} & 10 \\ & \square \end{aligned}$ | $\begin{aligned} & 11 \\ & \square \end{aligned}$ | $\begin{aligned} & 12 \\ & \square \end{aligned}$ | $13$ | $\begin{array}{ll} \hline 3 & 14 \\ \square & \square \end{array}$ | $15$ |  |  |
| 204: | with bypass access $\stackrel{\square}{\square}$ |  | $\begin{aligned} & 3 \\ & \square \end{aligned}$ |  |  | 6 |  | $\begin{array}{ll} 7 \quad 8 \\ \square \end{array}$ | $9$ | $9 \quad 10$ |  | ${ }^{11}$ | ${ }^{12}$ | $13$ | $\begin{array}{ll} 3 & 14 \\ \square & \square \end{array}$ | $\begin{aligned} & 15 \\ & \square \end{aligned}$ |  | $\square$ |

FEATURE SELECT PROGRAMMING (continued)
(On/off status of key lights determines which feature is selected.)


Panic 2 (keys [4] \& [6]).
Panic 3 (keys [7] \& [9]) $\qquad$
Panic 1 silent (PS1)
Panic 2 silent $\qquad$
Panic 3 silent


Key [11] stay or system A arm
6 digit access codes
Tamper Recognition
Beep on exit delay
Report zone restore on bell cut-off
Zones with EOL (1K $\Omega$ )
Always report disarm $\qquad$

## 210:

| Exclude power failure from trouble display | [2ND] | enabled |
| :---: | :---: | :---: |
| Zone 4 | [1] | disabled (if zone 3 is defined "fire" zone and ATZ is enabled) |
| Auto arm = regular arm / ( $\mathrm{A}+\mathrm{B}$ ) ............... | [2] | stay arm / System A |
| N/A | [3] | N/A |
| N/A | [4] | N/A |
| N/A | [5] | N/A |
| No tamper bypass | [6] | tamper follows zone bypass definition |
| N/A | [7] | N/A |
| Zone doubling (ATZ) ................................... | $\square$ [8] | enabled |
| Audible trouble warning | [9] | enabled |
| 20 sec . delay before alarm transmission | $\square[10] \square$ | enabled <br> PS1 software version 1.1 |
|  | $\square[11] \square$ | enabled Keypad software versions prior to 4.0 Keypad supervision must be OFF |
| Keypad 2 zone supervision | $\square$ [12] $\square$ | $\left.\begin{array}{r}\text { enabled } \\ \text { PS1 software versions } 2.0 \text { onward } \\ \text { Keypad software versions } 4.0 \text { onward }\end{array}\right\}$ Keypad supervision must be ON |

ZONE DEFINITION: (reset = " ")

| KEY SELECT: [1] | [2] | [3] [4] | [5] | [6] | [7] | [8] | [9] | [10] | [1] | [2] | [3] | [4] | [5] | [6] | [7] | [8] | [9] | [10] |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2121 Intellizone $=O N$ |  | $\begin{array}{cc} 3 & 4 \\ \square & \square \end{array}$ | $\begin{gathered} 5 \\ \square \end{gathered}$ | $6$ | $7$ $\square$ | $8$ | $\begin{gathered} 9 \\ \square \end{gathered}$ | $\begin{aligned} & 10 \\ & \square \end{aligned}$ | $\begin{array}{r} 216 \quad 1 \\ \text { Silent }=\text { ON } \square \end{array}$ | $2$ | $\begin{gathered} 3 \\ \square \end{gathered}$ | $4$ $\square$ | $\begin{gathered} 5 \\ \square \end{gathered}$ | $6$ $\square$ | 7 $\square$ | $8$ $\square$ | $9$ $\square$ | $\begin{aligned} & 10 \\ & \square \end{aligned}$ |
| $220$ <br> 24 Hr . $/$ Fire = ON $\square$ | - ${ }^{\square}$ | $3 \sqrt{4} 4$ $\square$ <br> 4 Hour" it | $\square$ $\square$ $\square$ | 6 $\square$ $\square$ | 7 $\square$ $\square$ re zon | $8$ | 9 | $\begin{aligned} & 10 \\ & \square \end{aligned}$ | $\begin{array}{r} 224 \quad 1 \\ \text { Instant }=O N \end{array}$ | 2 $\square$ | $3$ | 4 $\square$ | $5$ | $6$ | $7$ $\square$ | 8 $\square$ | $\begin{gathered} 9 \\ \square \end{gathered}$ | $10$ |
| $\begin{array}{r} 228 \\ \text { Follow }=\mathrm{ON} \end{array}$ |  | $\begin{array}{cc} 3 & 4 \\ \square & \square \end{array}$ | $5$ | $6$ | $\begin{gathered} 7 \\ \square \end{gathered}$ | $8$ | $\begin{gathered} 9 \\ \square \end{gathered}$ | $\begin{aligned} & 10 \\ & \square \end{aligned}$ | $\begin{array}{r} 232 \quad 1 \\ \text { Delay } 2=\mathrm{ON} \square \end{array}$ | $\begin{gathered} 2 \\ \square \end{gathered}$ | $\begin{gathered} 3 \\ \square \end{gathered}$ | $\begin{gathered} 4 \\ \square \end{gathered}$ | $\begin{gathered} 5 \\ \square \end{gathered}$ | $\begin{gathered} 6 \\ \square \end{gathered}$ | $\begin{gathered} 7 \\ \square \end{gathered}$ | $\begin{gathered} 8 \\ \square \end{gathered}$ | $\begin{gathered} 9 \\ \square \end{gathered}$ | $\begin{aligned} & 10 \\ & \square \end{aligned}$ |
| $\begin{aligned} & \text { Bypass } 236 \\ & \text { enabled }=\mathrm{ON} \end{aligned}$ | $\begin{gathered} 2 \\ \square \end{gathered}$ | $\begin{array}{cc} 3 & 4 \\ \square & \square \end{array}$ | $\begin{gathered} 5 \\ \square \end{gathered}$ | $\begin{aligned} & 6 \\ & \square \end{aligned}$ | $\begin{gathered} 7 \\ \square \end{gathered}$ | $\begin{gathered} 8 \\ \square \end{gathered}$ | $\begin{gathered} 9 \\ \square \end{gathered}$ | $\begin{aligned} & 10 \\ & \square \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r} 2401 \\ \text { Stay / system A } \end{array}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | $\begin{array}{cc} 3 & 4 \\ \square & \square \end{array}$ | $\begin{gathered} 5 \\ \square \end{gathered}$ | $6$ | $\begin{gathered} 7 \\ \square \end{gathered}$ | $8$ | $\begin{gathered} 9 \\ \square \end{gathered}$ | $10$ $\square$ | $2421$ <br> System B $\square$ | $\begin{gathered} 2 \\ \square \end{gathered}$ | $\begin{gathered} 3 \\ \square \end{gathered}$ | $\begin{gathered} 4 \\ \square \end{gathered}$ | $\begin{gathered} 5 \\ \square \end{gathered}$ | $\begin{gathered} 6 \\ \square \end{gathered}$ | $\begin{gathered} 7 \\ \square \end{gathered}$ | $\begin{gathered} 8 \\ \square \end{gathered}$ | $\begin{gathered} 9 \\ \square \end{gathered}$ | $\begin{aligned} & 10 \\ & \square \\ & \hline \end{aligned}$ |

Zones that are not selected at addresses 220 to 232 become "Delay 1" zones.

## DECIMAL PROGRAMMING

Values entered at addresses "244-255" contain 3 digits between "000" and "255". ([10] = 0)
244: $\qquad$ (days) Auto test report every ? days (between "001" and "255") (000=disabled)

245: $\qquad$ (hours) Auto test report / Auto arm time (between "000" and "023")

246: $\qquad$ (minutes) Auto test report / Auto arm time (between "000" and "059")

247: $\qquad$ 1 (seconds) Exit delay (factory default 60 seconds)

248: $\qquad$ (seconds) Entry delay 1 (factory default 45 seconds)

249: $\qquad$ (seconds) Entry delay 2 (factory default 45 seconds)

250: $\qquad$ (minutes) Bell cut-off time (factory default 5 minutes)

251: $\qquad$ ( $\times 15 \mathrm{mSec}$.$) Zone speed (factory default 600 \mathrm{mSec}$.)

252: $\qquad$ (minutes) Power failure report delay (factory default 30 minutes) (000=disabled)

253: $\qquad$ ( x 15 minutes) Time for "No Movement" Report (000=disabled) (factory default $\mathbf{8}$ hours)

254: $\qquad$ PGM timer setting: 001 to 127 for seconds and 129 to 255 for minutes (factory default 5 seconds). Add 128 to desired value in minutes (i.e. for 5 minutes: enter $5+128=133$ )

255: $\qquad$ Installer lock ( $\mathbf{1 4 7}=$ locked, $\mathbf{0 0 0}=$ unlocked) (factory default unlocked)


## KEY ACCESS PROGRAMMING

Programs features quickly, without entering addresses or section numbers.
To activate "key access programming", press [ENTER], followed by installer, master or user code 1. (Code required depends on the feature you wish to access - see below.) Then press the key corresponding to the desired feature. Press [ENTER] or [clear] to exit.

## key

[9] "Auto arming" time program (accessible to master and user 1 only)
Key [9] flashes. Enter two digits (00 to 23) for hours + 2 digits (00 to 59) for minutes.
[MEM] "Panel time" and clear "trouble 8" (all 3 codes)
Key [MEM] flashes. Enter two digits (00 to 23) for hours +2 digits (00 to 59 ) for minutes.
[BYP] Test report
(all 3 codes)
Reporting is enabled at address 206 keys [11], [12]. A value must be entered at address 175, and both telephone and account numbers must be programmed.
[TRBL] Call Espload via telephone (all 3 codes)
Panel identifier and PC password (addresses 001-004) and computer telephone number (addresses 060-067) must be programmed.
[AWAY] Answer Espload
(all 3 codes)
This feature is available when using the ADP-1 adapter. In Espload, "blind dial" must be activated in "modem setup" section, and panel phone number programmed (works also without ADP-1).
[STAY] Cancel communication attempts (master code and user 1 can only stop calls from/to Espload) Until next reportable event (installer code - all communications)
[2], [6] Installer test mode
(installer code only)
In installer test mode, a confirmation beep (intermittent) indicates test is "on", a "rejection" beep (long) indicates test is "off". The bell will squawk during walk testing to indicate opened, functional zones.
[2], [9] "Auto arming" time program (accessible to installer code only) (Same as key [9] above)
When communicating with Espload, it is impossible to enter programming mode.

## CONNECTION DIAGRAMS

The system hardware will recognize the following zone conditions:
ZONE connection without EOL resistor (N.C. contacts)
address 208, key [MEm] = "on"
key [10] = "off" (reset)
key [11] = "off" (reset)
N.C. contacts see Figure 1


Keypad zones always use (1K OHM) EOL

```
ZONE connection with EOL resistor (N.C. and N.O. contacts)
address 208, key [mEm] = "off" (reset)
    key [10] = "off" (reset)
    key [11] = "off" (reset)
N.C. and/or N.O. contacts, see Figure 2
```



## ESPRIT 728 CONNECTION DIAGRAMS

The system hardware will recognize the following conditions:
ZONE connection with EOL resistor and tamper recognition
(N.C. contacts)
address 208, key [мем] = "off"
key [10] = See "Tamper/wire Fault Definitions
key [11] = and Options"
Tamper fault transmits separate code, see Figure 3


ADVANCED TECHNOLOGY ZONE connection, 2 zones with zone resistors, 1 EOL resistor (1Конм) tamper (open) recognition, wire fault (short circuit) recognition (N.C. contacts) address 208, key [mem] = "off"
key $[10]=$ See "Tamper/wire Fault Definitions key [11] = and Options"
address 210, key [8] = "on"
Each zone transmits a separate alarm code.
Tamper/wire fault transmits a separate alarm code, indicated by fast flashing zone light on keypad


ADVANCED TECHNOLOGY ZONING WITH EOL RESISTOR

CONTROL PANEL


PIR 1 ( $1 K \Omega$ zone resistor)

UL/ULC Configuration


PIR 2 (2.2K zone resistor)

ADVANCED TECHNOLOGY ZONE connection, 2 zones resistor (without EOL), tamper recognition (N.C. contacts)
address 208, key [mem] = "on"
key [10] = See "Tamper/wire Fault Definitions key [11] = and Options"
address 210, key [8] = "on"
Tamper fault transmits separate code
Each zone transmits separate alarm code, see Figure 5

Figure 5


Advanced Technology Zoning without EOL resistor

## ADVANCED TECHNOLOGY ZONING WITHOUT EOL RESISTOR

 CONTROL PANEL


PIR 1 (1K $\Omega$ zone resistor)


PIR 2 (2.2K zone resistor)

## DOUBLE FIRE LOOP

Without zone 4 (address 210, key [1] = ON)


With zone 4 (address 210, key [1] = OFF)






[^0]:    * No movement for specified time/panel not armed at specified hour - see addresses 245, 246, 253.
    ** 1 st digit of zone tamper is reported with 2nd digit on input 1-4 alarm codes - see addresses 120-123.

