

## Program Function Map

| Func. No. | Function                              | Valid Range                   | Factory Default | New Value |
|-----------|---------------------------------------|-------------------------------|-----------------|-----------|
| 001       | MASTER User Authorization Code        | 4 digits each 0-9             | 1245            |           |
| 002       | User Authorization Code 2             | 0-9                           | FFFF            |           |
| 003       | User Authorization Code 3             | 0-9                           | FFFF            |           |
| 004       | User Authorization Code 4             | 0-9                           | FFFF            |           |
| 005       | User Authorization Code 5             | 0-9                           | FFFF            |           |
| 006       | User Authorization Code 6             | 0-9                           | FFFF            |           |
| 007       | User Authorization Code 7             | 0-9                           | FFFF            |           |
| 008       | User Authorization Code 8             | 0-9                           | FFFF            |           |
| 009       | Code 8 Temporary User Count           | 0-254<br>255=Permanent        | 255             |           |
| 010       | Time Until Next Test (Hours)          | 0-24                          | No Default      |           |
| 011       | Clear Alarm Memory                    | <b>NO VALUE REQUIRED</b>      |                 |           |
| 012       | Delete User Codes                     | 1-8                           | No Default      |           |
| 013       | Entrance Delay 1 Time (Seconds)       | 1-255                         | 30              |           |
| 014       | Entrance Delay 2 Time (Seconds)       | 1-255                         | 46              |           |
| 015       | Exit Time (Seconds)                   | 1-255                         | 60              |           |
| 016       | Access On Time (Seconds)              | 0-255,<br>0=Latch             | 5               |           |
| 017       | Delay Before Burglar Alarm (Seconds)  | 0-255                         | 0               |           |
| 018       | Burglar Cutoff Time (Minutes)         | 1-254<br>255=Never Cutoff     | 10              |           |
| 019       | Aux. A (Fire) Cutoff Time (Minutes)   | 1-254<br>255=Never Cutoff     | 255             |           |
| 020       | Aux. B (Holdup) Cutoff Time (Minutes) | 1-254<br>255=Never Cutoff     | 10              |           |
| 021       | Aux. C Cutoff Time (Minutes)          | 1-254<br>255=Never Cutoff     | 10              |           |
| 022       | Time between Comm. Test 0-7 day       | 0-7<br>0=12 Hours<br>1-7=Days | 1               |           |
| 023       | Go Off Hook & Initiate/Download       | <b>NO VALUE REQUIRED</b>      |                 |           |
| 024       | Code 1 Configuration Digit            | 0-15                          | 3               |           |
| 025       | Code 2 Configuration Digit            | 0-15                          | 3               |           |
| 026       | Code 3 Configuration Digit            | 0-15                          | 3               |           |
| 027       | Code 4 Configuration Digit            | 0-15                          | 3               |           |
| 028       | Code 5 Configuration Digit            | 0-15                          | 3               |           |
| 029       | Code 6 Configuration Digit            | 0-15                          | 3               |           |
| 030       | Code 7 Configuration Digit            | 0-15                          | 3               |           |
| 031       | Code 8 Configuration Digit            | 0-15                          | 3               |           |

| CONFIGURATION DIGITS |  |
|----------------------|--|
| Digit                | Description  |
| 1                    | Arm and disarm the control.  |
| 2                    | Activate access output. †  |
| 3                    | Arm/disarm the control. 0 (held for 3 seconds) followed by user code activates access output. †  |
| 4                    | High Security Arm/Disarm. When the control is armed by a High Security code, only a level 4 or level 9 code can disarm.  |
| 5                    | Arm and disarm the control and activate access output simultaneously. †  |
| 6                    | Special Arm/Disarm. Same as digit 1 except if the communicator is programmed for opening/closing reports, no report will transmit when this code is used to arm or disarm the control. |
| 7                    | Arm/disarm, and activate access output simultaneously. Press 0 and hold for three seconds. Enter valid user code to activate access independently. †                                   |
| 8                    | NOT USED   |
| 9                    | Arm/disarm, and transmit the duress code simultaneously.   |

† The Access output can be provided from one of the Programmable Outputs.

| Func. No. | Function                            | Valid Range | Factory Default | New Value |
|-----------|-------------------------------------|-------------|-----------------|-----------|
| 032       | Programmable Output 1 Configuration | 0-255       | 15              |           |
| 033       | Programmable Output 2 Configuration | 0-255       | 112             |           |
| 034       | Programmable Output 3 Configuration | 0-255       | 0               |           |
| 035       | Programmable Output 4 Configuration | 0-255       | 48              |           |
| 036       | Pulse Burglar Alarm Output          | 0=No 1=Yes  | 0               |           |
| 037       | Pulse Aux. A (Fire) Output          | 0=No 1=Yes  | 0               |           |
| 038       | Report Lockout By Zone              | 0=No 1=Yes  | 0               |           |

| PROGRAMMING OUTPUT CONFIGURATIONS  |   |       |                                |       |  |
|--|---|-------|--------------------------------|-------|--|
| Select value for the programmable output configuration. Values not shown are illegal and should not be programmed. |   |       |                                |       |  |
| Value  | Provides a +12V Output Upon:  | Value | Provides Siren †† Output Upon: | Value | Provides a +12V Output for:                      |
| 1  | Burglar (BA) Alarm  | 17    | Burglar (BA) Alarm             | 0     | Armed Indication                                 |
| 2  | Fire (FA) Alarm   | 18    | Fire (FA) Alarm                | 16    | Armed With Bypass Indication                     |
| 3  | BA or FA Alarm  | 19    | BA & FA Alarm                  | 32    | System Trouble Indication                        |
| 4  | Holdup (HU) Alarm   | 20    | Holdup (HU) Alarm              | 48    | Alarm Memory Indication                          |
| 5  | BA or HU Alarm  | 21    | BA & HU Alarm                  | 64    | Interior Off Indication                          |
| 6  | FA or HU Alarm  | 22    | FA & HU Alarm                  | 80    | Delay Off Indication                             |
| 7  | BA, FA, or HU Alarm   | 23    | BA, FA, & HU Alarm             | 96    | Pre-Alarm (entry alert) Indication               |
| 8  | Aux C Alarm   | 24    | Aux C Alarm                    | 112   | Switched Power (Smoke Reset)                     |
| 9  | BA or Aux C Alarm   | 25    | BA & Aux C Alarm               | 128   | Ready Indication                                 |
| 10   | FA or Aux C Alarm   | 26    | FA & Aux C Alarm               | 144   | Exit Delay Indication                            |
| 11   | BA, FA or Aux C Alarm   | 27    | BA, FA & Aux C Alarm           | 160   | Access (Door Strike) Trigger                     |
| 12   | HU or Aux C Alarm   | 28    | HU & Aux C Alarm               | 176   | Low Battery Indication                           |
| 13   | BA, HU or Aux C Alarm   | 29    | BA, HU & Aux C Alarm           | 192   | Fail To Communicate Indication                   |
| 14   | FA, HU or Aux C Alarm   | 30    | FA, HU & Aux C Alarm           | 208   | Lamp Trigger                                     |
| 15   | BA, FA, HU or Aux C Alarm   | 31    | BA, FA, HU & Aux C Alarm       | 224   | Listen-in Trigger                                |
| ††   | Programmable Output 1 (Terminal #3) is the only output which can be configured as a siren output. |       |                                | 240   | Special Extended Outputs (Requires Z229e Module) |

| Func. No. | Function                               | Valid Range | Factory Default | New Value |
|-----------|--|-------------|-----------------|-----------|
| 039       | Zone Superv. Config. (See Worksheet)   | 0-255       | 0               |           |
| 040       | Eliminate Burg. Loop E.O.L. Resistor   | 0=No 1=Yes  | 0               |           |
| 041       | Zone 1 Definition (See Planning Guide) | 0-255       | 64              |           |
| 042       | Zone 2 Definition                      | 0-255       | 72              |           |
| 043       | Zone 3 Definition                      | 0-255       | 81              |           |
| 044       | Zone 4 Definition                      | 0-255       | 65              |           |
| 045       | Zone 5 Definition                      | 0-255       | 65              |           |
| 046       | Zone 6 Definition                      | 0-255       | 65              |           |
| 047       | Zone 7 Definition                      | 0-255       | 65              |           |
| 048       | Zone 8 Definition                      | 0-255       | 65              |           |

| ZONE SUPERVISORY CONFIGURATION WORKSHEET |   |   |   |   |    |    |    |     | Add Values To Get Total For F39.<br>↓<br>Total |
|--|---|---|---|---|----|----|----|-----|--|
| * Use Checks (✓) To Indicate Selection   |   |   |   |   |    |    |    |     |  |
| Zone                                     | 1 | 2 | 3 | 4 | 5  | 6  | 7  | 8   |  |
| Binary Value                             | 1 | 2 | 4 | 8 | 16 | 32 | 64 | 128 |  |
| Indicate Selection                       |   |   |   |   |    |    |    |     |  |
| Enter Binary Value Of Each Selection     |   |   |   |   |    |    |    |     |  |

|     |                                    |                    |    |  |
|-----|------------------------------------|--------------------|----|--|
| 049 | Communicator Disable/Delay in Sec. | 0-255<br>0=Disable | 0  |  |
| 050 | Tel. #1 Dial Attempts              | 1-15               | 8  |  |
| 051 | Tel. #2 Dial Attempts              | 1-15               | 8  |  |
| 052 | Tel. On-Hook Time Before Dial      | 0-255              | 3  |  |
| 053 | Time Between Dial Attempts         | 0-15               | 10 |  |
| 054 | Abort Communicator if Disarmed     | 0=No 1=Yes         | 0  |  |
| 055 | Disable Dialer Test On Power-up    | 0=No 1=Yes         | 0  |  |
| 056 | Exception Opening/System Restore   | 0=No 1=Yes         | 0  |  |
| 057 | Pulse Dial 63/37 Make/Break Ratio  | 0=No 1=Yes         | 0  |  |
| 058 | 9 Sec. Wait For Dial Tone          | 0=No 1=Yes         | 0  |  |
| 059 | Dial Tone Is Required              | 0=No 1=Yes         | 0  |  |
| 060 | Telephone #1 Account Code Digit 1  | 0-15*              | 0  |  |
| 061 | Telephone #1 Account Code Digit 2  | 0-15*              | 8  |  |
| 062 | Telephone #1 Account Code Digit 3  | 0-15*              | 8  |  |
| 063 | Telephone #1 Account Code Digit 4  | 0-15*              | 8  |  |

\* Digit 1 must always be "0" unless 4/2 format is enabled. A "0" signifies no entry. To report the number "0", a "10" must be programmed. TRANSPORT-PC and some receivers translate numbers 10, 11, 12, 13, 14, 15 to hexadecimal characters A, B, C, D, E, F respectively.

| Func. No. | Function                             | Valid Range | Factory Default | New Value |
|-----------|--------------------------------------|-------------|-----------------|-----------|
| 064       | Telephone #1 Transmission Format     | 0-7         | 2               |           |
| 065       | Telephone #1 Single Round Report     | 0=No 1=Yes  | 0               |           |
| 066       | Telephone #1 4/2 Transmission Format | 0=No 1=Yes  | 0               |           |
| 067       | Telephone #1 Standard Extended       | 0=No 1=Yes  | 0               |           |
| 068       | Telephone #1 Single Line Extended    | 0=No 1=Yes  | 0               |           |
| 069       | Telephone #1 Parity Checksum         | 0=No 1=Yes  | 0               |           |
| 070       | Telephone #1 Touchtone (R) Dialing   | 0=No 1=Yes  | 0               |           |

| COMMUNICATOR TRANSMISSION FORMATS |   |
|-----------------------------------|---|
| Format                            | Description   |
| 0                                 | Autobaud. Format 1 or 2 automatically selected based on handshake tone from receiver.   |
| 1                                 | 1400 Hz. handshake, 1900 Hz. data, 10 baud. (Ademco, Adcor, FBI, Osborne Hoffman, Radionics, Silent Knight, Varitech, and Vertex, slow format.)   |
| 2                                 | 2300 Hz. handshake, 1800 Hz. data, 20 baud. (DCI, FBI, Franklin, Osborne Hoffman, SESCOA, Varitech, and Vertex, fast format.)   |
| 3                                 | 1400 Hz. or 2300 Hz. handshake, 1800 Hz. data, 40 baud. (Radionics superfast no parity.)  |
| 4                                 | 1400 Hz. handshake, 1900 Hz. data, 15 baud. (Silent Knight fast format.)  |
| 5                                 | Radionics BFSK ® (1400 Hz. or 2300 Hz. handshake). (FBI, Radionics, and Varitech.)  |
| 6                                 | Modem II ® (Radionics #6500). The primary report code values for all conditions are internally fixed in the Modem II format and cannot be altered. Each report is enabled with a programmed value of 1 or greater, or disabled with a value of 0. The extended code values for zones 1-8 and keypad panic keys A, B, & C are fixed at 1-11 and cannot be altered. You may custom program the User extended codes for openings & closings. For duress, cancel, and abort conditions, the User extended opening codes are used. |
| 7                                 | SESCOA Model 3000, fast format.   |

| Func. No. | Function                   | Valid Range | Factory Default | New Value |
|-----------|----------------------------|-------------|-----------------|-----------|
| 071       | Zone 1 Tel # Configuration | 0-4         | 3               |           |
| 072       | Zone 1 Alarm Code          | 0-15        | 3               |           |
| 073       | Zone 1 Extended Alarm Code | 0-15        | 1               |           |
| 074       | Zone 2 Tel # Configuration | 0-4         | 3               |           |
| 075       | Zone 2 Alarm Code          | 0-15        | 3               |           |
| 076       | Zone 2 Extended Alarm Code | 0-15        | 2               |           |
| 077       | Zone 3 Tel # Configuration | 0-4         | 3               |           |
| 078       | Zone 3 Alarm Code          | 0-15        | 3               |           |
| 079       | Zone 3 Extended Alarm      | 0-15        | 3               |           |
| 080       | Zone 4 Tel # Configuration | 0-4         | 3               |           |
| 081       | Zone 4 Alarm Code          | 0-15        | 3               |           |
| 082       | Zone 4 Extended Alarm Code | 0-15        | 4               |           |
| 083       | Zone 5 Tel # Configuration | 0-4         | 3               |           |
| 084       | Zone 5 Alarm Code          | 0-15        | 3               |           |
| 085       | Zone 5 Extended Alarm Code | 0-15        | 5               |           |

| Func. No. | Function                   | Valid Range | Factory Default | New Value |
|-----------|----------------------------|-------------|-----------------|-----------|
| 086       | Zone 6 Tel # Configuration | 0-4         | 3               |           |
| 087       | Zone 6 Alarm Code          | 0-15        | 3               |           |
| 088       | Zone 6 Extended Alarm Code | 0-15        | 6               |           |
| 089       | Zone 7 Tel # Configuration | 0-4         | 3               |           |
| 090       | Zone 7 Alarm Code          | 0-15        | 3               |           |
| 091       | Zone 7 Extended Alarm Code | 0-15        | 7               |           |
| 092       | Zone 8 Tel # Configuration | 0-4         | 3               |           |
| 093       | Zone 8 Alarm Code          | 0-15        | 3               |           |
| 094       | Zone 8 Extended Alarm Code | 0-15        | 8               |           |

| TELEPHONE CONFIGURATIONS |  |
|--------------------------|--|
| Configuration            | Description  |
| 0                        | Do not dial (no report)  |
| 1                        | Dial telephone number 1 only (split reporting)   |
| 2                        | Dial telephone number 2 only ( split reporting)  |
| 3                        | Dial telephone number 1 first, if unsuccessful, dial telephone number 2. Repeat sequence until successful (backup reporting) |
| 4                        | Dial telephone numbers 1 and 2 (dual reporting)  |

| Func. No. | Function                    | Valid Range | Factory Default | New Value |
|-----------|-----------------------------|-------------|-----------------|-----------|
| 095       | Zone 1 Shunt Code:          | 0-15        | 0               |           |
| 096       | Zone 1 Extended Shunt Code: | 0-15        | 1               |           |
| 097       | Zone 2 Shunt Code:          | 0-15        | 0               |           |
| 098       | Zone 2 Extended Shunt Code: | 0-15        | 2               |           |
| 099       | Zone 3 Shunt Code:          | 0-15        | 0               |           |
| 100       | Zone 3 Extended Shunt Code: | 0-15        | 3               |           |
| 101       | Zone 4 Shunt Code:          | 0-15        | 0               |           |
| 102       | Zone 4 Extended Shunt Code: | 0-15        | 4               |           |
| 103       | Zone 5 Shunt Code:          | 0-15        | 0               |           |
| 104       | Zone 5 Extended Shunt Code: | 0-15        | 5               |           |
| 105       | Zone 6 Shunt Code:          | 0-15        | 0               |           |
| 106       | Zone 6 Extended Shunt Code: | 0-15        | 6               |           |
| 107       | Zone 7 Shunt Code:          | 0-15        | 0               |           |
| 108       | Zone 7 Extended Shunt Code: | 0-15        | 7               |           |
| 109       | Zone 8 Shunt Code:          | 0-15        | 0               |           |
| 110       | Zone 8 Extended Shunt Code: | 0-15        | 8               |           |

| <b>Func. No.</b> | <b>Function</b>                      | <b>Valid Range</b> | <b>Factory Default</b> | <b>New Value</b> |
|------------------|--------------------------------------|--------------------|------------------------|------------------|
| 111              | Zone 1 Restore Code:                 | 0-15               | 0                      |                  |
| 112              | Zone 1 Extended Restore Code:        | 0-15               | 1                      |                  |
| 113              | Zone 2 Restore Code:                 | 0-15               | 0                      |                  |
| 114              | Zone 2 Extended Restore Code:        | 0-15               | 2                      |                  |
| 115              | Zone 3 Restore Code:                 | 0-15               | 0                      |                  |
| 116              | Zone 3 Extended Restore Code:        | 0-15               | 3                      |                  |
| 117              | Zone 4 Restore Code:                 | 0-15               | 0                      |                  |
| 118              | Zone 4 Extended Restore Code:        | 0-15               | 4                      |                  |
| 119              | Zone 5 Restore Code:                 | 0-15               | 0                      |                  |
| 120              | Zone 5 Extended Restore Code:        | 0-15               | 5                      |                  |
| 121              | Zone 6 Restore Code:                 | 0-15               | 0                      |                  |
| 122              | Zone 6 Extended Restore Code:        | 0-15               | 6                      |                  |
| 123              | Zone 7 Restore Code:                 | 0-15               | 0                      |                  |
| 124              | Zone 7 Extended Restore Code:        | 0-15               | 7                      |                  |
| 125              | Zone 8 Restore Code:                 | 0-15               | 0                      |                  |
| 126              | Zone 8 Extended Restore Code:        | 0-15               | 8                      |                  |
| 127              | Supervisory Tel. # Configuration:    | 0-4                | 3                      |                  |
| 128              | Zone 1 Supervisory Code:             | 0-15               | 0                      |                  |
| 129              | Zone 1 Extended Supervisory Code:    | 0-15               | 1                      |                  |
| 130              | Zone 2 Supervisory Code:             | 0-15               | 0                      |                  |
| 131              | Zone 2 Extended Supervisory Code:    | 0-15               | 2                      |                  |
| 132              | Zone 3 Supervisory Code:             | 0-15               | 0                      |                  |
| 133              | Zone 3 Extended Supervisory Code:    | 0-15               | 3                      |                  |
| 134              | Zone 4 Supervisory Code:             | 0-15               | 0                      |                  |
| 135              | Zone 4 Extended Supervisory Code:    | 0-15               | 4                      |                  |
| 136              | Zone 5 Supervisory Code:             | 0-15               | 0                      |                  |
| 137              | Zone 5 Extended Supervisory Code:    | 0-15               | 5                      |                  |
| 138              | Zone 6 Supervisory Code:             | 0-15               | 0                      |                  |
| 139              | Zone 6 Extended Supervisory Code:    | 0-15               | 6                      |                  |
| 140              | Zone 7 Supervisory Code:             | 0-15               | 0                      |                  |
| 141              | Zone 7 Extended Supervisory Code:    | 0-15               | 7                      |                  |
| 142              | Zone 8 Supervisory Code:             | 0-15               | 0                      |                  |
| 143              | Zone 8 Extended Supervisory Code:    | 0-15               | 8                      |                  |
| 144              | Keypad Panic A (Fire) Tel. # Config. | 0-4                | 3                      |                  |

| <b>Func. No.</b> | <b>Function</b>                           | <b>Valid Range</b> | <b>Factory Default</b> | <b>New Value</b> |
|------------------|---|--------------------|------------------------|------------------|
| 145              | Keypad Panic A (Fire) Alarm Code:         | 0-15               | 1                      |                  |
| 146              | Keypad Panic A (Fire) Ext. Alarm Code:    | 0-15               | 1                      |                  |
| 147              | Keypad Panic A (Fire) Restore Code:       | 0-15               | 0                      |                  |
| 148              | Keypad Panic A (Fire) Ext. Rest. Code:    | 0-15               | 0                      |                  |
| 149              | Keypad Panic B (Police) Tel. # Config.    | 0-4                | 3                      |                  |
| 150              | Keypad Panic B (Police) Alarm Code:       | 0-15               | 2                      |                  |
| 151              | Keypad Panic B (Police) Ext. Alarm Code   | 0-15               | 2                      |                  |
| 152              | Keypad Panic B (Police) Restore Code:     | 0-15               | 0                      |                  |
| 153              | Keypad Panic B (Police) Ext. Rest. Code   | 0-15               | 0                      |                  |
| 154              | Keypad Panic C (Auxiliary) Tel. # Config. | 0-4                | 3                      |                  |
| 155              | Keypad Panic C (Aux.) Alarm Code:         | 0-15               | 4                      |                  |
| 156              | Keypad Panic C (Aux.) Ext. Alarm Code:    | 0-15               | 4                      |                  |
| 157              | Keypad Panic C (Aux.) Restore Code:       | 0-15               | 0                      |                  |
| 158              | Keypad Panic C (Aux.) Ext. Restore Code   | 0-15               | 0                      |                  |
| 159              | Keypad Panic Duress Tel. # Config.        | 0-4                | 3                      |                  |
| 160              | Keypad Panic Duress Alarm Code:           | 0-15               | 0                      |                  |
| 161              | Keypad Panic Duress Extended Code:        | 0-15               | 0                      |                  |
| 162              | Keypad Panic Duress Restore Code:         | 0-15               | 0                      |                  |
| 163              | Keypad Panic Duress Ext. Restore Code:    | 0-15               | 0                      |                  |
| 164              | Opening/Closing Tel. # Configuration:     | 0-4                | 3                      |                  |
| 165              | User 1 Opening Code:                      | 0-15               | 0                      |                  |
| 166              | User 1 Opening Extended Code:             | 0-15               | 1                      |                  |
| 167              | User 2 Opening Code:                      | 0-15               | 0                      |                  |
| 168              | User 2 Opening Extended Code:             | 0-15               | 2                      |                  |
| 169              | User 3 Opening Code:                      | 0-15               | 0                      |                  |
| 170              | User 3 Opening Extended Code:             | 0-15               | 3                      |                  |
| 171              | User 4 Opening Code:                      | 0-15               | 0                      |                  |
| 172              | User 4 Opening Extended Code:             | 0-15               | 4                      |                  |
| 173              | User 5 Opening Code:                      | 0-15               | 0                      |                  |
| 174              | User 5 Opening Extended Code:             | 0-15               | 5                      |                  |
| 175              | User 6 Opening Code:                      | 0-15               | 0                      |                  |
| 176              | User 6 Opening Extended Code:             | 0-15               | 6                      |                  |
| 177              | User 7 Opening Code:                      | 0-15               | 0                      |                  |
| 178              | User 7 Opening Extended Code:             | 0-15               | 7                      |                  |

| <b>Func. No.</b> | <b>Function</b>                          | <b>Valid Range</b> | <b>Factory Default</b> | <b>New Value</b> |
|------------------|--|--------------------|------------------------|------------------|
| 179              | User 8 Opening Code:                     | 0-15               | 0                      |                  |
| 180              | User 8 Opening Extended Code:            | 0-15               | 8                      |                  |
| 181              | Keyswitch Opening Code:                  | 0-15               | 0                      |                  |
| 182              | Keyswitch Opening Extended Code:         | 0-15               | 9                      |                  |
| 183              | User 1 Closing Code:                     | 0-15               | 0                      |                  |
| 184              | User 1 Closing Extended Code:            | 0-15               | 1                      |                  |
| 185              | User 2 Closing Code:                     | 0-15               | 0                      |                  |
| 186              | User 2 Closing Extended Code:            | 0-15               | 2                      |                  |
| 187              | User 3 Closing Code:                     | 0-15               | 0                      |                  |
| 188              | User 3 Closing Extended Code:            | 0-15               | 3                      |                  |
| 189              | User 4 Closing Code:                     | 0-15               | 0                      |                  |
| 190              | User 4 Closing Extended Code:            | 0-15               | 4                      |                  |
| 191              | User 5 Closing Code:                     | 0-15               | 0                      |                  |
| 192              | User 5 Closing Extended Code:            | 0-15               | 5                      |                  |
| 193              | User 6 Closing Code:                     | 0-15               | 0                      |                  |
| 194              | User 6 Closing Extended Code:            | 0-15               | 6                      |                  |
| 195              | User 7 Closing Code:                     | 0-15               | 0                      |                  |
| 196              | User 7 Closing Extended Code:            | 0-15               | 7                      |                  |
| 197              | User 8 Closing Code:                     | 0-15               | 0                      |                  |
| 198              | User 8 Closing Extended Code:            | 0-15               | 8                      |                  |
| 199              | Keyswitch Closing Code:                  | 0-15               | 0                      |                  |
| 200              | Keyswitch Closing Extended Code:         | 0-15               | 9                      |                  |
| 201              | Cancel Tel. # Configuration              | 0-4                | 3                      |                  |
| 202              | Cancel Code:                             | 0-15               | 0                      |                  |
| 203              | Cancel Extended Code:                    | 0-15               | 9                      |                  |
| 204              | Abort Tel. # Configuration:              | 0-4                | 3                      |                  |
| 205              | Abort Code:                              | 0-15               | 0                      |                  |
| 206              | Abort Extended Code:                     | 0-15               | 9                      |                  |
| 207              | Lo. Battery/Overload Prot Tel. # Config. | 0-4                | 3                      |                  |
| 208              | Lo. Battery/Overload Prot Code:          | 0-15               | 0                      |                  |
| 209              | Lo. Battery/Overload Prot Extended Code: | 0-15               | 0                      |                  |
| 210              | Lo. Battery/Restore Overload Prot Code:  | 0-15               | 0                      |                  |



| Func. No. | Function  | Valid Range       | Factory Default | New Value |
|-----------|---|-------------------|-----------------|-----------|
| 211       | Lo. Battery Restore/Overload Prot Extended Code:  | 0-15              | 0               |           |
| 212       | AC Fail Tel. # Configuration:                     | 0-4               | 3               |           |
| 213       | AC Fail Code:                                     | 0-15              | 0               |           |
| 214       | AC Fail Extended Code:                            | 0-15              | 0               |           |
| 215       | AC Fail Restore Code:                             | 0-15              | 0               |           |
| 216       | AC Fail Restore Extended Code:                    | 0-15              | 0               |           |
| 217       | Missing Keypad/Memory Error Tel. # Configuration: | 0-4               | 3               |           |
| 218       | Missing Keypad/Memory Error Code:                 | 0-15              | 0               |           |
| 219       | Missing Keypad/Mem. Error Ext. Code:              | 0-15              | 0               |           |
| 220       | Test Tel. # Configuration:                        | 0-4               | 3               |           |
| 221       | Automatic Test Code:                              | 0-15              | 0               |           |
| 222       | Automatic Test Extended Code:                     | 0-15              | 0               |           |
| 223       | Upload/Download Complete Tel. # Config:           | 0-4               | 3               |           |
| 224       | Upload/Download Complete Code:                    | 0-15              | 0               |           |
| 225       | Upload/Download Complete Ext. Code:               | 0-15              | 9               |           |
| 226       | Upload/Download Denied Tel. # Config:             | 0-4               | 3               |           |
| 227       | Upload/Download Denied Code:                      | 0-15              | 0               |           |
| 228       | Upload/Download Denied Ext. Code:                 | 0-15              | 0               |           |
| 229-244   | Telephone #1 Number to Dial:                      | 0-15**            | F's             |           |
| 245       | ***Cannot Be Programmed***                        | NO VALUE REQUIRED |                 |           |
| 246       | Copy Acct. Formats (Tel. #1 to Tel. #2)           |                   |                 |           |
| 247       | Copy Tel. #1 to Tel. #2                           |                   |                 |           |
| 248       | Telephone #2 Account Code Digit 1:                | 0-15*             | 0               |           |
| 249       | Telephone #2 Account Code Digit 2:                | 0-15*             | 8               |           |
| 250       | Telephone #2 Account Code Digit 3:                | 0-15*             | 8               |           |
| 251       | Telephone #2 Account Code Digit 4:                | 0-15*             | 8               |           |
| 252       | Telephone #2 Transmission Format:                 | 0-7               | 2               |           |
| 253       | Telephone #2 Single Round Report=                 | 0=No 1=Yes        | 0               |           |

\* Digit 1 must always be "0" unless 4/2 format is enabled. A "0" signifies no entry. To report the number "0", a "10" must be programmed. TRANSPORT-PC and some receivers translate numbers 10, 11, 12, 13, 14, 15 to hexadecimal characters A, B, C, D, E, F respectively.

\*\* 0 or 10 = dials number "0", 11 and 12 Touchtone "\*" and "#", 13 = three second pause, 14 = wait for 2nd dial tone, 15 = end of dial MUST follow last digit.

| Func. No. | Function  | Valid Range       | Factory Default | New Value |
|-----------|---|-------------------|-----------------|-----------|
| 254       | Telephone #2 4/2 Transmission Format=                                   | 0=No 1=Yes        | 0               |           |
| 255       | Telephone #2 Standard Extended=   | 0=No 1=Yes        | 0               |           |
| 256       | Telephone #2 Single Line Extended=                                      | 0=No 1=Yes        | 0               |           |
| 257       | Telephone #2 Parity Checksum=   | 0=No 1=Yes        | 0               |           |
| 258       | Telephone #2 Touchtone (R) Dialing=                                     | 0=No 1=Yes        | 0               |           |
| 259-274   | Telephone #2 Number to Dial:  | 0-15**            | F's             |           |
| 275       | Listen-in On Telephone #1=  | 0=No 1=Yes        | 0               |           |
| 276       | Listen-in On Telephone #2=  | 0=No 1=Yes        | 0               |           |
| 277       | Listen-in Time/AC Fail Report:  | 0-15              | 1               |           |
| 278       | Answer Mach. Bypass 2nd Call Time Limit (10 sec. increments):           | 0-15              | 0               |           |
| 279       | Number Rings Until Auto-Answer: (When Armed)                            | 0-15              | 15              |           |
| 280-295   | Call Back Telephone Number:   | 0-15**            | F's             |           |
| 296       | ***Cannot Be Programmed***  | NO VALUE REQUIRED |                 |           |
| 297       | Installer Program Authorization Code:                                   | 0-9               | 96321           |           |
| 298       | Restore User Code   | NO VALUE REQUIRED |                 |           |
| 299       | Two Digit Arm=  | 0=No 1=Yes        | 0               |           |
| 300       | Enable Force Arming=  | 0=No 1=Yes        | 0               |           |
| 301       | Permanent Force Arming (Shunt) / Continuous Flashing of Bypassed Zones= | 0=No 1=Yes        | 0               |           |
| 302       | Delay Burglar Restore Until Cutoff=                                     | 0=No 1=Yes        | 0               |           |
| 303       | Burglar Reports Until Dialer Lockout:                                   | 0-15              | 0               |           |
| 304       | Burglar Loop Audible Lockout=   | 0=No 1=Yes        | 0               |           |
| 305       | Keyswitch Mode Change=  | 0=No 1=Yes        | 0               |           |
| 306       | Supervisory Alert Latch=  | 0=No 1=Yes        | 0               |           |
| 307       | Automatic Interior Off=   | 0=No 1=Yes        | 0               |           |
| 308       | Extend Burg. Loop Stabilization Time                                    | 0=No 1=Yes        | 0               |           |
| 309       | Disable Interior Follower=  | 0=No 1=Yes        | 0               |           |
| 310       | Interior On/Off Available If Armed=                                     | 0=No 1=Yes        | 0               |           |
| 311       | Delay Off When Interior Off=  | 0=No 1=Yes        | 0               |           |
| 312       | Siren/Bell Test Upon Arming=  | 0=No 1=Yes        | 0               |           |
| 313       | Reset Test Timer On Kissoff=  | 0=No 1=Yes        | 0               |           |

\*\* 0 or 10 = dials number "0", 11 and 12 Touchtone "\*" and "#", 13 = three second pause, 14 =

wait for 2nd dial tone, 15 = end of dial MUST follow last digit.

| Func. No. | Function  | Valid Range | Factory Default | New Value |
|-----------|---|-------------|-----------------|-----------|
| 314       | Interior Default Upon Disarm=                     | 0=No 1=Yes  | 0               |           |
| 315       | Keypad Panic 3 Sec. Mode=                         | 0=No 1=Yes  | 1               |           |
| 316       | Disable Keypad Panic Aux. A (Fire)=               | 0=No 1=Yes  | 0               |           |
| 317       | Disable Keypad Panic Aux. B (Police)=             | 0=No 1=Yes  | 0               |           |
| 318       | Disable Keypad Panic Aux. C=                      | 0=No 1=Yes  | 0               |           |
| 319       | Disable Keypad Shunting=                          | 0=No 1=Yes  | 0               |           |
| 320       | Disable Keypad Commands 4 & 5                     | 0=No 1=Yes  | 0               |           |
| 321       | Disable Keypad Command 6=                         | 0=No 1=Yes  | 0               |           |
| 322       | Disable Keypad Command 7=                         | 0=No 1=Yes  | 0               |           |
| 323       | Disable Keypad Command 8=                         | 0=No 1=Yes  | 0               |           |
| 324       | Silent Keypad on Burglar=                         | 0=No 1=Yes  | 0               |           |
| 325       | Silent Keypad/No LED Blink On Aux B =             | 0=No 1=Yes  | 0               |           |
| 326       | Start Entrance Delay 1 From Keypad=               | 0=No 1=Yes  | 0               |           |
| 327       | Fast Loop Response Time: (See Table)              | 0-15        | 2               |           |
| 328       | Slow Response Time: (See Table)                   | 0-15        | 6               |           |
| 329       | Zone Verif. Config. (See Worksheet)               | 0-255       | 0               |           |
| 330       | Zone(s) Permitted To Self Verify: (See Worksheet) | 0-255       | 0               |           |
| 331       | Zone Verification Time Window in Sec:             | 0-255       | 30              |           |
| 332       | ***Cannot Be Programmed***                        |             |                 |           |
| 333       | Restore Fact. Defaults (New EEPROM)=              | 0=No 1=Yes  | 0               |           |
| 334       | ***Cannot Be Programmed***                        |             |                 |           |

**LOOP RESPONSE TIME TABLE**

|        |         |         |         |         |           |           |            |
|--------|---------|---------|---------|---------|-----------|-----------|------------|
| 0=40ms | 2=80ms  | 4=160ms | 6=320ms | 8=600ms | 10=1 sec. | 12=4 sec. | 14=8 sec.  |
| 1=40ms | 3=120ms | 5=200ms | 7=480ms | 9=800ms | 11=2 sec. | 13=6 sec. | 15=10 sec. |

**ZONE VERIFICATION WORKSHEET**

| Zone                                 | 1 | 2 | 3 | 4 | 5  | 6  | 7  | 8   | Add Values To Get Total For F329.<br>⬇ |
|--------------------------------------|---|---|---|---|----|----|----|-----|--|
| Binary Value                         | 1 | 2 | 4 | 8 | 16 | 32 | 64 | 128 |  |
| Indicate Selection (✓)               |   |   |   |   |    |    |    |     |  |
| Enter Binary Value Of Each Selection |   |   |   |   |    |    |    |     |  |
| Selection Of Self Verifying (✓)      |   |   |   |   |    |    |    |     | Add Values To Get Total For F330.<br>⬇ |
| Enter Binary Value Of Each Selection |   |   |   |   |    |    |    |     |  |

## Program Function Addendum – Reviewing Event History

The EVENT HISTORY BUFFER is capable of tracking the past 20 events. Each “event” consists of a time stamp (to the nearest hour), the event type, and the applicable zone or user identification. The time stamp is updated by 1 every hour. To determine the number of hours since the event occurred, subtract the event’s time from the current time stamp.

The Event History data can only be accessed by the system installer or remote programming utilizing TRANSPORT-PC.

| Func. No. | Function           | Func. No. | Function           | Func. No. | Function           |
|-----------|--------------------|-----------|--------------------|-----------|--------------------|
| 335       | Current Event Time | 356       | Event 7 Zone/User  | 377       | Event 14 Zone/User |
| 336       | Event 1 Time       | 357       | Event 8 Time       | 378       | Event 15 Time      |
| 337       | Event 1 Type       | 358       | Event 8 Type       | 379       | Event 15 Type      |
| 338       | Event 1 Zone/User  | 359       | Event 8 Zone/User  | 380       | Event 15 Zone/User |
| 339       | Event 2 Time       | 360       | Event 9 Time       | 381       | Event 16 Time      |
| 340       | Event 2 Type       | 361       | Event 9 Type       | 382       | Event 16 Type      |
| 341       | Event 2 Zone/User  | 362       | Event 9 Zone/User  | 383       | Event 16 Zone/User |
| 342       | Event 3 Time       | 363       | Event 10 Time      | 384       | Event 17 Time      |
| 343       | Event 3 Type       | 364       | Event 10 Type      | 385       | Event 17 Type      |
| 344       | Event 3 Zone/User  | 365       | Event 10 Zone/User | 386       | Event 17 Zone/User |
| 345       | Event 4 Time       | 366       | Event 11 Time      | 387       | Event 18 Time      |
| 346       | Event 4 Type       | 367       | Event 11 Type      | 388       | Event 18 Type      |
| 347       | Event 4 Zone/User  | 368       | Event 11 Zone/User | 389       | Event 18 Zone/User |
| 348       | Event 5 Time       | 369       | Event 12 Time      | 390       | Event 19 Time      |
| 349       | Event 5 Type       | 370       | Event 12 Type      | 391       | Event 19 Type      |
| 350       | Event 5 Zone/User  | 371       | Event 12 Zone/User | 392       | Event 19 Zone/User |
| 351       | Event 6 Time       | 372       | Event 13 Time      | 393       | Event 20 Time      |
| 352       | Event 6 Type       | 373       | Event 13 Type      | 394       | Event 20 Type      |
| 353       | Event 6 Zone/User  | 374       | Event 13 Zone/User | 395       | Event 20 Zone/User |
| 354       | Event 7 Time       | 375       | Event 14 Time      |           |                    |
| 355       | Event 7 Type       | 376       | Event 14 Type      |           |                    |

| TABLE OF EVENT TYPES |   |       |                  |
|----------------------|---|-------|------------------|
| Event                | Type  | Event | Type             |
| 1                    | Burglar   | 7     | Arm              |
| 2                    | Fire  | 8     | Disarm           |
| 3                    | Holdup  | 9     | Armed With Shunt |
| 4                    | Auxiliary “C”   | 10    | Control Power    |
| 5                    | Zone Supervisory Trouble  | 11    | 10-Day Rollover  |
| 6                    | Trouble Zone/User 1 = AC Power Fail, 2 = Low Battery/Overload Protection, 4 = Supervisory/Trouble Zone<br>8 = Fail To Communicate, 16 = Memory Error, 32 = Missing Keypad |       |                  |