

DIGIPLX™



Digiplex System V1.20



Programming Guide



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

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Getting Started

WHAT DO I DO FIRST?

STEP 1: Collect all the serial number labels from the Digiplex Modules and affix them in the spaces provided in the *Serial Number List* on page 4.

STEP 2: In sections [001] to [148] program the required zones.

STEP 3: Program the remaining sections.

HOW DO I PROGRAM THE CONTROL PANEL?

The *Digiplex* control panels can be programmed using the *Paradox Upload/Download Software for Windows®* or by using any keypad connected to the Digiplex control panel. To program the Digiplex control panel using a keypad, you must enter *Programming Mode* as shown below.

Default Installer Code: 000000 (see section [800] on page 36)

Default System Master Code: 123456 (see section [950] on page 36)

To Enter Programming Mode:

STEP 1: Press and hold the [0] key

STEP 2: Enter your [INSTALLER CODE]

STEP 3: Enter 3-digit [SECTION]

Everything in the control panel is programmed into sections [001] to [990].

Enter section [000] to view the keypad's serial number.

STEP 4: Enter required [DATA]

The type of data required will be detailed in this "Programming Guide" and/or explained in the appropriate section of the installation manual.

SINGLE DIGIT ENTRY METHOD

Some sections will require that you to enter **Decimal** values from **000 to 255**. Sections requiring Decimal entries will be clearly indicated in this *Programming Guide*. Other sections will require that you enter **Hexadecimal** values from **0 to F**. Some sections may require one hexa-digit and others may require up to 32 hexa-digits. Some sections may not allow the entry of all hexadecimal values. These sections will clearly indicate which values can be entered. When entering the final digit in a section, the control panel will automatically save and advance to the next section.

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

MULTIPLE FEATURE SELECT PROGRAMMING

Some sections will require that you enable or disable from 1 to 8 options in one section, where each number from 1 to 8 corresponds to a specific feature or option. Set these options by turning the number corresponding to the feature ON or OFF. The

option is considered ON when the number appears within the brackets on the LCD keypad or when the number is illuminated on an LED Keypad. You turn options ON and OFF by pressing the corresponding buttons on the keypad. Press the keys as many times as you need until all 8 options in the current section are set. When the options are set, press the **[ENTER]** or **[P]** key to save.

TROUBLE LIST

Potential troubles have been sorted into eight groups. To access the *Trouble Display* mode:

STEP1: Press the **[TRBL]** key from Normal Mode.

Numbers representing which groups of troubles are occurring will appear.

STEP2: Press the key corresponding to the trouble Group you wish to view.

Numbers corresponding to troubles from the selected trouble group will appear

Trouble Group [1]: System

- [1] AC Failure: No AC input has been detected on the control panel.
- [2] Battery Trouble: This means the backup battery is disconnected or the battery voltage is less than 10.5V.
- [3] Aux. Current Limit: The auxiliary supply outputs have exceeded 1.1A. The auxiliary output will shutdown until the trouble has been rectified.
- [4] Bell Current Limit: The control panel has detected that the bell output has exceeded 3A. The bell output will shutdown until the trouble is rectified.
- [5] Bell Absent: The control panel has detected that a bell or siren isn't connected to its bell output terminals. If a bell or siren is connected to the optional alarm relay output, the trouble will always be on. To avoid this, connect a 1K Ω resistor across the bell output.
The control panel only recognizes bells or siren connected directly to the bell output not those connected through a relay.
- [6] ROM check Error: The control panel registers a memory error. Please contact your distributor to obtain a replacement.

Trouble Group [2]: Communicator

- [1] TLM: If the Telephone Line Monitoring (TLM) feature is enabled, this trouble indicates that the control panel has not detected the presence of a telephone line.
- [2] Fail to Communicate 1: The control panel has failed to communicate with central station telephone number 1.
- [3] Fail to Communicate 2: The control panel has failed to communicate with central station telephone number 2.
- [4] Fail to Communicate 3: The control panel has failed to communicate with central station telephone number 3.
- [5] Fail to Communicate 4: The control panel has failed to communicate with central station telephone number 4.
- [6] Fail to Communicate PC: The control panel was unable to communicate with the Upload/Download software.

Trouble Group [3]: Module Trouble

- [1] Module Tamper: The control panel registers that a tamper switch has been triggered on a module.
- [2] ROM Check Error: The control panel registers a memory error in a module. Please contact your distributor to obtain a replacement.
- [3] TLM Trouble: A module is unable to detect the presence of the telephone line.
- [4] Fail to Communicate: A module has failed to communicate with the assigned telephone number.
- [5] Printer Trouble: The control panel registers a problem with the printer. Check printer for problems (paper jam, no paper, no power, etc.).
- [6] AC Failure: Module power failure.
- [7] Battery Failure: Module's battery is disconnected, needs to be recharged, or replaced.
- [8] Supply Output: Module has exceeded current limits.

Trouble Group [4]: Bus Troubles

- [1] Missing Keypad: A keypad is no longer communicating with the control panel.
- [2] Missing Module: A bus module is no longer communicating with the control panel.
- [6] General Failure: Complete communication failure between devices and the control panel.
- [7] Bus Overload: Too many devices (more than 95) are connected on the Bus.
- [8] Bus Com. Error: The Bus is having difficulty communicating between the devices and the control panel.

Trouble Group [5]: Zone Tamper

The zone or zones that have been tampered with will be displayed on the keypad.

Trouble Group [6]: Zone Low Battery

If a wireless device's battery needs to be replaced, the zone that it is assigned to will be displayed on the LCD screen. Also, the light on the device will flash to indicate this trouble.

Trouble Group [7]: Zone Fault

1) A wireless device is no longer communicating with its receiver. 2) A Fire Loop connection trouble is occurring. 3) The control panel has received a CleanMe™ signal from one or more ESL series smoke detectors that support the CleanMe™ feature.

Trouble Group [8]: Clock Loss

The time and date have been reset to the default. Press the [8] button to re-program the time.

Serial Number List

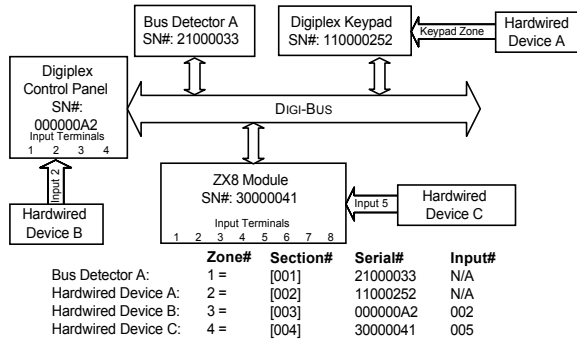
All modules connected to the control panel's communication bus have an 8-digit serial number. Remove the extra serial number sticker from the modules' PC board and affix in the appropriate spaces provided below (Max. 95 Bus Modules).

Bus Module Type & Details	Serial #	Bus Module Type & Details	Serial #
1: _____	_____	24: _____	_____
2: _____	_____	25: _____	_____
3: _____	_____	26: _____	_____
4: _____	_____	27: _____	_____
5: _____	_____	28: _____	_____
6: _____	_____	29: _____	_____
7: _____	_____	30: _____	_____
8: _____	_____	31: _____	_____
9: _____	_____	32: _____	_____
10: _____	_____	33: _____	_____
11: _____	_____	34: _____	_____
12: _____	_____	35: _____	_____
13: _____	_____	36: _____	_____
14: _____	_____	37: _____	_____
15: _____	_____	38: _____	_____
16: _____	_____	39: _____	_____
17: _____	_____	40: _____	_____
18: _____	_____	41: _____	_____
19: _____	_____	42: _____	_____
20: _____	_____	43: _____	_____
21: _____	_____	44: _____	_____
22: _____	_____	45: _____	_____
23: _____	_____	46: _____	_____

Bus Module Type & Details	Serial #
47: _____	_____
48: _____	_____
49: _____	_____
50: _____	_____
51: _____	_____
52: _____	_____
53: _____	_____
54: _____	_____
55: _____	_____
56: _____	_____
57: _____	_____
58: _____	_____
59: _____	_____
60: _____	_____
61: _____	_____
62: _____	_____
63: _____	_____
64: _____	_____
65: _____	_____
66: _____	_____
67: _____	_____
68: _____	_____
69: _____	_____
70: _____	_____
71: _____	_____

Bus Module Type & Details	Serial #
72: _____	_____
73: _____	_____
74: _____	_____
75: _____	_____
76: _____	_____
77: _____	_____
78: _____	_____
79: _____	_____
80: _____	_____
81: _____	_____
82: _____	_____
83: _____	_____
84: _____	_____
85: _____	_____
86: _____	_____
87: _____	_____
88: _____	_____
89: _____	_____
90: _____	_____
91: _____	_____
92: _____	_____
93: _____	_____
94: _____	_____
95: _____	_____

Zone Programming



ZONE NUMBERING

Sections [001] to [048] represent zones 1 through 48. This feature tells the control panel where the detection device is connected and which of the 48 zones is assigned to that device.

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

Enter 8-digit [SERIAL NUMBER] of *Bus Detector* or *Bus Module* to which hardwired detection device is connected.

ZONE PARAMETERS

Sections [101] to [148] represent zones 1 through 48. This feature defines the type of zone, its partition assignment and the zone's options.

Zone Definitions		Zone Options	
0- Disabled (Default) 1- Entry Delay 1 8- 24Hr Burglary 2- Entry Delay 2 9- Delayed 24Hr Fire 3- Entry Delay 3 A- Standard 24Hr Fire 4- Entry Delay 4 B- Stay Delay 1 5- Follow C- Stay Delay 2 6- Instant D- Stay Delay 3 7- 24Hr Buzzer E- Stay Delay 4		[1] Auto Zone Shutdown Enabled [2] Bypass Enabled (Default) [3] Stay Zone [4] Force Zone [5] [6] Zone Alarm Type off off Steady Alarm off on Pulsed Alarm on off Silent Alarm on on Report Only [7] Intellizone [8] Delay before transmission	
Zone Partition Assignment 1- Zone Assigned to Partition 1 (Default) 2- Zone Assigned to Partition 2 3- Zone Assigned to Partition 3 4- Zone Assigned to Partition 4			

Zone	Description	Module	Section	8-digit Serial Number	Input#	Section	Def.	Ass.	Zone Options
1			[001]	___/___/___/___/___/___/___/___	___/___/___	[101]	___	___	1 2 3 4 5 6 7 8
2			[002]	___/___/___/___/___/___/___/___	___/___/___	[102]	___	___	1 2 3 4 5 6 7 8
3			[003]	___/___/___/___/___/___/___/___	___/___/___	[103]	___	___	1 2 3 4 5 6 7 8
4			[004]	___/___/___/___/___/___/___/___	___/___/___	[104]	___	___	1 2 3 4 5 6 7 8
5			[005]	___/___/___/___/___/___/___/___	___/___/___	[105]	___	___	1 2 3 4 5 6 7 8
6			[006]	___/___/___/___/___/___/___/___	___/___/___	[106]	___	___	1 2 3 4 5 6 7 8
7			[007]	___/___/___/___/___/___/___/___	___/___/___	[107]	___	___	1 2 3 4 5 6 7 8
8			[008]	___/___/___/___/___/___/___/___	___/___/___	[108]	___	___	1 2 3 4 5 6 7 8
9			[009]	___/___/___/___/___/___/___/___	___/___/___	[109]	___	___	1 2 3 4 5 6 7 8
10			[010]	___/___/___/___/___/___/___/___	___/___/___	[110]	___	___	1 2 3 4 5 6 7 8

Zone	Description	Module	Section	8-digit Serial Number	Input#	Section	Def.	Ass.	Zone Options
11			[011]	_/_/_/_/_/_/_/_	_/_/_	[111]	___	___	1 2 3 4 5 6 7 8
12			[012]	_/_/_/_/_/_/_/_	_/_/_	[112]	___	___	1 2 3 4 5 6 7 8
13			[013]	_/_/_/_/_/_/_/_	_/_/_	[113]	___	___	1 2 3 4 5 6 7 8
14			[014]	_/_/_/_/_/_/_/_	_/_/_	[114]	___	___	1 2 3 4 5 6 7 8
15			[015]	_/_/_/_/_/_/_/_	_/_/_	[115]	___	___	1 2 3 4 5 6 7 8
16			[016]	_/_/_/_/_/_/_/_	_/_/_	[116]	___	___	1 2 3 4 5 6 7 8
17			[017]	_/_/_/_/_/_/_/_	_/_/_	[117]	___	___	1 2 3 4 5 6 7 8
18			[018]	_/_/_/_/_/_/_/_	_/_/_	[118]	___	___	1 2 3 4 5 6 7 8
19			[019]	_/_/_/_/_/_/_/_	_/_/_	[119]	___	___	1 2 3 4 5 6 7 8
20			[020]	_/_/_/_/_/_/_/_	_/_/_	[120]	___	___	1 2 3 4 5 6 7 8
21			[021]	_/_/_/_/_/_/_/_	_/_/_	[121]	___	___	1 2 3 4 5 6 7 8
22			[022]	_/_/_/_/_/_/_/_	_/_/_	[122]	___	___	1 2 3 4 5 6 7 8
23			[023]	_/_/_/_/_/_/_/_	_/_/_	[123]	___	___	1 2 3 4 5 6 7 8
24			[024]	_/_/_/_/_/_/_/_	_/_/_	[124]	___	___	1 2 3 4 5 6 7 8
25			[025]	_/_/_/_/_/_/_/_	_/_/_	[125]	___	___	1 2 3 4 5 6 7 8
26			[026]	_/_/_/_/_/_/_/_	_/_/_	[126]	___	___	1 2 3 4 5 6 7 8
27			[027]	_/_/_/_/_/_/_/_	_/_/_	[127]	___	___	1 2 3 4 5 6 7 8
28			[028]	_/_/_/_/_/_/_/_	_/_/_	[128]	___	___	1 2 3 4 5 6 7 8
29			[029]	_/_/_/_/_/_/_/_	_/_/_	[129]	___	___	1 2 3 4 5 6 7 8

Zone	Description	Module	Section	8-digit Serial Number	Input#	Section	Def.	Ass.	Zone Options
30			[030]	_/_/_/_/_/_/_/_	_/_/_	[130]	__	__	1 2 3 4 5 6 7 8
31			[031]	_/_/_/_/_/_/_/_	_/_/_	[131]	__	__	1 2 3 4 5 6 7 8
32			[032]	_/_/_/_/_/_/_/_	_/_/_	[132]	__	__	1 2 3 4 5 6 7 8
33			[033]	_/_/_/_/_/_/_/_	_/_/_	[133]	__	__	1 2 3 4 5 6 7 8
34			[034]	_/_/_/_/_/_/_/_	_/_/_	[134]	__	__	1 2 3 4 5 6 7 8
35			[035]	_/_/_/_/_/_/_/_	_/_/_	[135]	__	__	1 2 3 4 5 6 7 8
36			[036]	_/_/_/_/_/_/_/_	_/_/_	[136]	__	__	1 2 3 4 5 6 7 8
37			[037]	_/_/_/_/_/_/_/_	_/_/_	[137]	__	__	1 2 3 4 5 6 7 8
38			[038]	_/_/_/_/_/_/_/_	_/_/_	[138]	__	__	1 2 3 4 5 6 7 8
39			[039]	_/_/_/_/_/_/_/_	_/_/_	[139]	__	__	1 2 3 4 5 6 7 8
40			[040]	_/_/_/_/_/_/_/_	_/_/_	[140]	__	__	1 2 3 4 5 6 7 8
41			[041]	_/_/_/_/_/_/_/_	_/_/_	[141]	__	__	1 2 3 4 5 6 7 8
42			[042]	_/_/_/_/_/_/_/_	_/_/_	[142]	__	__	1 2 3 4 5 6 7 8
43			[043]	_/_/_/_/_/_/_/_	_/_/_	[143]	__	__	1 2 3 4 5 6 7 8
44			[044]	_/_/_/_/_/_/_/_	_/_/_	[144]	__	__	1 2 3 4 5 6 7 8
45			[045]	_/_/_/_/_/_/_/_	_/_/_	[145]	__	__	1 2 3 4 5 6 7 8
46			[046]	_/_/_/_/_/_/_/_	_/_/_	[146]	__	__	1 2 3 4 5 6 7 8
47			[047]	_/_/_/_/_/_/_/_	_/_/_	[147]	__	__	1 2 3 4 5 6 7 8
48			[048]	_/_/_/_/_/_/_/_	_/_/_	[148]	__	__	1 2 3 4 5 6 7 8

Keyswitch Programming

KEYSWITCH NUMBERING

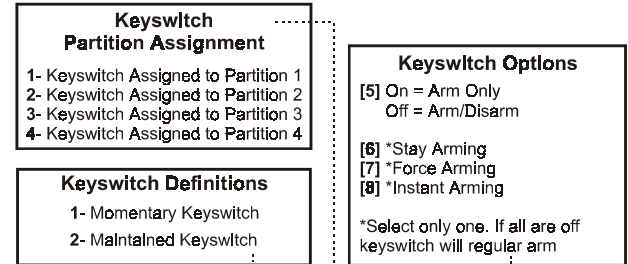
Sections [049] to [056] represent keyswitches 1 to 8 respectively. This feature tells the control panel where the keyswitch is connected and which of the 8 keyswitch locations is assigned to that device.

KEYSWITCH PARAMETERS

Sections [149] to [156] represent keyswitches 1 to 8 respectively. This feature defines the keyswitch's partition assignment and arming method.

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

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



Key-switch	Location	Module	Section	8-digit Serial Number	Input#	Section	Def.	Ass.	Keyswitch Options
1			[049]	__/_/_/_/_/_/_/_/_	__/_/_	[149]	__	__	5 6 7 8
2			[050]	__/_/_/_/_/_/_/_/_	__/_/_	[150]	__	__	5 6 7 8
3			[051]	__/_/_/_/_/_/_/_/_	__/_/_	[151]	__	__	5 6 7 8
4			[052]	__/_/_/_/_/_/_/_/_	__/_/_	[152]	__	__	5 6 7 8
5			[053]	__/_/_/_/_/_/_/_/_	__/_/_	[153]	__	__	5 6 7 8
6			[054]	__/_/_/_/_/_/_/_/_	__/_/_	[154]	__	__	5 6 7 8
7			[055]	__/_/_/_/_/_/_/_/_	__/_/_	[155]	__	__	5 6 7 8
8			[056]	__/_/_/_/_/_/_/_/_	__/_/_	[157]	__	__	5 6 7 8

System Timers

Section #	Decimal Value (000-255)	Description	Default Value
[200]	___/___/___ seconds (min. = 10sec.)	INTELLIZONE DELAY	10sec.
[201]	___/___/___ x20 msec.	INPUT SPEED 001=PANEL TERMINAL 1	600msec.
[202]	___/___/___ x20 msec.	INPUT SPEED 002=PANEL TERMINAL 2	600msec.
[203]	___/___/___ x20 msec.	INPUT SPEED 003=PANEL TERMINAL 3	600msec.
[204]	___/___/___ x20 msec.	INPUT SPEED 004=PANEL TERMINAL 4	600msec.
[205]	___/___/___ x20 msec.	INPUT SPEED 005=PANEL DOUBLER 1	600msec.
[206]	___/___/___ x20 msec.	INPUT SPEED 006=PANEL DOUBLER 2	600msec.
[207]	___/___/___ x20 msec.	INPUT SPEED 007=PANEL DOUBLER 3	600msec.
[208]	___/___/___ x20 msec.	INPUT SPEED 008=PANEL DOUBLER 4	600msec.
[209]	___/___/___ x20 msec.	INPUT SPEED 009=ZX4 TERMINAL 1	600msec.
[210]	___/___/___ x20 msec.	INPUT SPEED 010=ZX4 TERMINAL 2	600msec.
[211]	___/___/___ x20 msec.	INPUT SPEED 011=ZX4 TERMINAL 3	600msec.
[212]	___/___/___ x20 msec.	INPUT SPEED 012=ZX4 TERMINAL 4	600msec.
[213]	___/___/___ x20 msec.	INPUT SPEED 013=ZX4 DOUBLER 1	600msec.
[214]	___/___/___ x20 msec.	INPUT SPEED 014=ZX4 DOUBLER 2	600msec.
[215]	___/___/___ x20 msec.	INPUT SPEED 015=ZX4 DOUBLER 3	600msec.
[216]	___/___/___ x20 msec.	INPUT SPEED 016=ZX4 DOUBLER 4	600msec.
[217]	___/___/___ (max. = 15)	AUTO ZONE SHUTDOWN	Disabled
[218]	___/___/___ (max. = 15)	AUTO TROUBLE SHUTDOWN	Disabled
[219]	___/___/___ seconds	RECENT CLOSING DELAY	Disabled
[220]	___/___/___ tries	# OF INVALID CODES BEFORE LOCKOUT	Disabled
[221]	___/___/___ minutes (000 = report only)	KEYPAD LOCK-OUT DURATION	Report Only
[222]	___/___/___ x15 minutes	NO MOVEMENT TIMER PARTITION 1	Disabled
[223]	___/___/___ x15 minutes	NO MOVEMENT TIMER PARTITION 2	Disabled
[224]	___/___/___ x15 minutes	NO MOVEMENT TIMER PARTITION 3	Disabled
[225]	___/___/___ x15 minutes	NO MOVEMENT TIMER PARTITION 4	Disabled
[226]	___/___/___ seconds	EXIT DELAY PARTITION 1	60 sec.
[227]	___/___/___ seconds	EXIT DELAY PARTITION 2	60 sec.
[228]	___/___/___ seconds	EXIT DELAY PARTITION 3	60 sec.
[229]	___/___/___ seconds	EXIT DELAY PARTITION 4	60 sec.
[230]	___/___/___ seconds	ENTRY/STAY DELAY 1	30 sec.
[231]	___/___/___ seconds	ENTRY/STAY DELAY 2	60 sec.
[232]	___/___/___ seconds	ENTRY/STAY DELAY 3	90 sec.
[233]	___/___/___ seconds	ENTRY/STAY DELAY 4	120 sec.
[234]	___/___/___ minutes	BELL CUT-OFF TIMER PARTITION 1	4 min.
[235]	___/___/___ minutes	BELL CUT-OFF TIMER PARTITION 2	4 min.
[236]	___/___/___ minutes	BELL CUT-OFF TIMER PARTITION 3	4 min.
[237]	___/___/___ minutes	BELL CUT-OFF TIMER PARTITION 4	4 min.
[238]	___/___/___ zone(s)	MAX. BYPASS ENTRIES PARTITION 1	Unlimited
[239]	___/___/___ zone(s)	MAX. BYPASS ENTRIES PARTITION 2	Unlimited
[240]	___/___/___ zone(s)	MAX. BYPASS ENTRIES PARTITION 3	Unlimited
[241]	___/___/___ zone(s)	MAX. BYPASS ENTRIES PARTITION 4	Unlimited
[242]	___/___/___ minutes	RECYCLE DELAY FOR PARTITION 1	Disabled
[243]	___/___/___ minutes	RECYCLE DELAY FOR PARTITION 2	Disabled
[244]	___/___/___ minutes	RECYCLE DELAY FOR PARTITION 3	Disabled
[245]	___/___/___ minutes	RECYCLE DELAY FOR PARTITION 4	Disabled

[246]	___/___/___	recycle(s)	# OF RECYCLES IN PARTITION 1	<i>Unlimited</i>
[247]	___/___/___	recycle(s)	# OF RECYCLES IN PARTITION 2	<i>Unlimited</i>
[248]	___/___/___	recycle(s)	# OF RECYCLES IN PARTITION 3	<i>Unlimited</i>
[249]	___/___/___	recycle(s)	# OF RECYCLES IN PARTITION 4	<i>Unlimited</i>
[250]	___/___/___	see section [503]	PGM1 DELAY	<i>5 sec.</i>
[251]	___/___/___	see section [503]	PGM2 DELAY	<i>5 sec.</i>
[252]	___/___/___	see section [503]	PGM3 DELAY	<i>5 sec.</i>
[253]	___/___/___	see section [503]	PGM4 DELAY	<i>5 sec.</i>
[254]	___/___/___	see section [503]	PGM5 DELAY	<i>5 sec.</i>
[255]	___/___/___	x2 sec.(min. = 32 sec.)	TLM FAIL TIMER	<i>32 sec.</i>
[256]	___/___/___	seconds	DELAY ALARM TRANSMISSION TIMER	<i>Instant</i>
[257]	___/___/___	attempts	MAXIMUM DIALING ATTEMPTS	<i>8 attempts</i>
[258]	___/___/___	seconds	DELAY BETWEEN DIALING ATTEMPTS	<i>20 sec.</i>
[259]	___/___/___	seconds (max. = 60 sec.)	PAGER DELAY BEFORE DATA TRANS.	<i>Disabled</i>
[260]	___/___/___	minutes	DELAY POWER FAILURE REPORT	<i>30 min.</i>
[261]	___/___/___	days	AUTO TEST REPORT	<i>Disabled</i>

Section #	Hours (00-23) & Minutes (00-59)	Description
[270]	___/___:___/___	AUTO TEST REPORT TIME OF DAY
[271]	___/___:___/___	AUTO ARM TIME PARTITION 1
[272]	___/___:___/___	AUTO ARM TIME PARTITION 2
[273]	___/___:___/___	AUTO ARM TIME PARTITION 3
[274]	___/___:___/___	AUTO ARM TIME PARTITION 4

Programmable Outputs

Please note that options [1] through [5] in section [502] represent PGMs 1 to 5 respectively. The control panel **de-activates** an activated PGM one of two ways:

Option OFF = Follow Activation Event:

If the first digit of the PGM Activation Event is set at 1, 2, 3, 4, 5, 6, or 7, the PGM will remain activated until the PGM Activation Event has ended. It will ignore the PGM De-activation Event. If the first digit of the PGM Activation Event is set at 8, 9, A, B, C, D, E, or F, the PGM will remain activated until the PGM De-activation Event occurs.

Option ON = Follow PGM Delay Timer:

After activating the PGM, the control panel will start the PGM delay timer and the PGM will de-activate only when the PGM delay timer has elapsed regardless of the PGM De-activation Event.

Section	PGM	Event Group (First Digit)	Event Group (Second Digit)	Event Selection (on/off)
[400]	PGM1 Activation Event	—	—	1 2 3 4 5 6 7 8
[401]	PGM1 De-Activation Event	—	—	1 2 3 4 5 6 7 8
[402]	PGM2 Activation Event	—	—	1 2 3 4 5 6 7 8
[403]	PGM2 De-Activation Event	—	—	1 2 3 4 5 6 7 8
[404]	PGM3 Activation Event	—	—	1 2 3 4 5 6 7 8
[405]	PGM3 De-Activation Event	—	—	1 2 3 4 5 6 7 8
[406]	PGM4 Activation Event	—	—	1 2 3 4 5 6 7 8
[407]	PGM4 De-Activation Event	—	—	1 2 3 4 5 6 7 8
[408]	PGM5 Activation Event	—	—	1 2 3 4 5 6 7 8
[409]	PGM5 De-Activation Event	—	—	1 2 3 4 5 6 7 8

First Digit	Event	Second Digit	Feature Select Programming							
			1	2	3	4	5	6	7	8
0	PGM Disabled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	Status 1	Note1*	Regular Armed	Force Armed	Stay Armed	Instant Armed	Strobe (until alarm cancelled)	Silent Alarm (until cancel alarm/bell cut-off)	Audible Alarm (until cancel alarm/bell cut-off)	Fire Alarm (until alarm cancelled or bell cut-off)
2	Status 2	Note1*	Ready Status	Exit Delay	Entry Delay	Trouble	Alarm Memory	Zones Bypassed (armed/not)	User or Installer Programming	Keypad Lockout
3	Status 3	Note1*	Intellizone Delay	Fire Delay	Auto Arm	Access	Tamper	Zone Low Battery	Fire Loop	Zone Supervision

NOTE1*:

0 = All partitions enabled in the system (see section [500])

1 = Partition 1 3 = Partition 3

2 = Partition 2 4 = Partition 4

First Digit	Event	Second Digit	Feature Select Programming							
			1	2	3	4	5	6	7	8
4	Status 4	0	Chime Partition 1	Chime Partition 2	Chime Partition 3	Chime Partition 4	Siren Partition 1	Siren Partition 2	Siren Partition 3	Siren Partition 4
		1	N/A	N/A	N/A	N/A	Smoke Reset	Ground Start	Kissoff	Safety Mismatch
		2	System Trouble	Dialer Trouble	Module Trouble	Bus Trouble	N/A	N/A	N/A	Timer Loss
		3	AC Fail	Battery Fail	Aux. Limit	Bell Limit	No Bell	ROM Error	N/A	N/A
		4	TLM	Fail to Com1	Fail to Com2	Fail to Com3	Fail to Com4	Fail to ComPC	N/A	N/A
		5	Module Tamper	Module ROM Error	Module TLM	Module Fail to Com Phone#	Printer Fault	Module AC Fail	Module Battery Fail	Module Aux. Fail
		6	Missing Keypad	Missing Any Module	N/A	N/A	N/A	Global Bus Failure	Bus Overload	Module Bus Com Fail
7	At the Selected Time	0	00:00	00:15	00:30	00:45	01:00	01:15	01:30	01:45
		1	02:00	02:15	02:30	02:45	03:00	03:15	03:30	03:45
		2	04:00	04:15	04:30	04:45	05:00	05:15	05:30	05:45
		3	06:00	06:15	06:30	06:45	07:00	07:15	07:30	07:45
		4	08:00	08:15	08:30	08:45	09:00	09:15	09:30	09:45
		5	10:00	10:15	10:30	10:45	11:00	11:15	11:30	11:45
		6	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45
		7	14:00	14:15	14:30	14:45	15:00	15:15	15:30	15:45
		8	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45
		9	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45
		A	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45
		B	22:00	22:15	22:30	22:45	23:00	23:15	23:30	23:45
8	Utility Keys	0	Keys 1-2	Keys 4-5	Keys 7-8	CLEAR-0	Keys 2-3	Keys 5-6	Keys 8-9	0-ENTER
9	Valid code Access	0	Keypad 1	Keypad 2	Keypad 3	Keypad 4	Keypad 5	Keypad 6	Keypad 7	Keypad 8
		1	Keypad 9	Keypad 10	Keypad 11	Keypad 12	Keypad 13	Keypad 14	Keypad 15	Keypad 16
		2	Keypad 17	Keypad 18	Keypad 19	Keypad 20	Keypad 21	Keypad 22	Keypad 23	Keypad 24
		3	Keypad 25	Keypad 26	Keypad 27	Keypad 28	Keypad 29	Keypad 30	Keypad 31	Keypad 32
	User code Entered	8	Code # 1	Code # 2	Code # 3	Code # 4	Code # 5	Code # 6	Code # 7	Code # 8
		9	Code # 9	Code # 10	Code # 11	Code # 12	Code # 13	Code # 14	Code # 15	Code # 16
		A	Code # 17	Code # 18	Code # 19	Code # 20	Code # 21	Code # 22	Code # 23	Code # 24
		B	Code # 25	Code # 26	Code # 27	Code # 28	Code # 29	Code # 30	Code # 31	Code # 32
		C	Code # 33	Code # 34	Code # 35	Code # 36	Code # 37	Code # 38	Code # 39	Code # 40
		D	Code # 41	Code # 42	Code # 43	Code # 44	Code # 45	Code # 46	Code # 47	Code # 48
		E	Code # 49	Code # 50	Code # 51	Code # 52	Code # 53	Code # 54	Code # 55	Code # 56
		F	Code # 57	Code # 58	Code # 59	Code # 60	Code # 61	Code # 62	Code # 63	Code # 64
	Arming	0	Code # 1	Code # 2	Code # 3	Code # 4	Code # 5	Code # 6	Code # 7	Code # 8
		1	Code # 9	Code # 10	Code # 11	Code # 12	Code # 13	Code # 14	Code # 15	Code # 16
		2	Code # 17	Code # 18	Code # 19	Code # 20	Code # 21	Code # 22	Code # 23	Code # 24
		3	Code # 25	Code # 26	Code # 27	Code # 28	Code # 29	Code # 30	Code # 31	Code # 32
		4	Code # 33	Code # 34	Code # 35	Code # 36	Code # 37	Code # 38	Code # 39	Code # 40
		5	Code # 41	Code # 42	Code # 43	Code # 44	Code # 45	Code # 46	Code # 47	Code # 48
		6	Code # 49	Code # 50	Code # 51	Code # 52	Code # 53	Code # 54	Code # 55	Code # 56
		7	Code # 57	Code # 58	Code # 59	Code # 60	Code # 61	Code # 62	Code # 63	Code # 64
	Disarming	8	Code # 1	Code # 2	Code # 3	Code # 4	Code # 5	Code # 6	Code # 7	Code # 8
		9	Code # 9	Code # 10	Code # 11	Code # 12	Code # 13	Code # 14	Code # 15	Code # 16
		A	Code # 17	Code # 18	Code # 19	Code # 20	Code # 21	Code # 22	Code # 23	Code # 24
		B	Code # 25	Code # 26	Code # 27	Code # 28	Code # 29	Code # 30	Code # 31	Code # 32
		C	Code # 33	Code # 34	Code # 35	Code # 36	Code # 37	Code # 38	Code # 39	Code # 40
		D	Code # 41	Code # 42	Code # 43	Code # 44	Code # 45	Code # 46	Code # 47	Code # 48
		E	Code # 49	Code # 50	Code # 51	Code # 52	Code # 53	Code # 54	Code # 55	Code # 56
		F	Code # 57	Code # 58	Code # 59	Code # 60	Code # 61	Code # 62	Code # 63	Code # 64
A	Arming	0	Code # 1	Code # 2	Code # 3	Code # 4	Code # 5	Code # 6	Code # 7	Code # 8
		1	Code # 9	Code # 10	Code # 11	Code # 12	Code # 13	Code # 14	Code # 15	Code # 16
		2	Code # 17	Code # 18	Code # 19	Code # 20	Code # 21	Code # 22	Code # 23	Code # 24
		3	Code # 25	Code # 26	Code # 27	Code # 28	Code # 29	Code # 30	Code # 31	Code # 32
		4	Code # 33	Code # 34	Code # 35	Code # 36	Code # 37	Code # 38	Code # 39	Code # 40
		5	Code # 41	Code # 42	Code # 43	Code # 44	Code # 45	Code # 46	Code # 47	Code # 48
		6	Code # 49	Code # 50	Code # 51	Code # 52	Code # 53	Code # 54	Code # 55	Code # 56
		7	Code # 57	Code # 58	Code # 59	Code # 60	Code # 61	Code # 62	Code # 63	Code # 64
	Disarming	8	Code # 1	Code # 2	Code # 3	Code # 4	Code # 5	Code # 6	Code # 7	Code # 8
		9	Code # 9	Code # 10	Code # 11	Code # 12	Code # 13	Code # 14	Code # 15	Code # 16
		A	Code # 17	Code # 18	Code # 19	Code # 20	Code # 21	Code # 22	Code # 23	Code # 24
		B	Code # 25	Code # 26	Code # 27	Code # 28	Code # 29	Code # 30	Code # 31	Code # 32
		C	Code # 33	Code # 34	Code # 35	Code # 36	Code # 37	Code # 38	Code # 39	Code # 40
		D	Code # 41	Code # 42	Code # 43	Code # 44	Code # 45	Code # 46	Code # 47	Code # 48
		E	Code # 49	Code # 50	Code # 51	Code # 52	Code # 53	Code # 54	Code # 55	Code # 56
		F	Code # 57	Code # 58	Code # 59	Code # 60	Code # 61	Code # 62	Code # 63	Code # 64

First Digit	Event	Second Digit	Feature Select Programming							
			1	2	3	4	5	6	7	8
B	Zone is OK	0	Zone # 1	Zone # 2	Zone # 3	Zone # 4	Zone # 5	Zone # 6	Zone # 7	Zone # 8
		1	Zone # 9	Zone # 10	Zone # 11	Zone # 12	Zone # 13	Zone # 14	Zone # 15	Zone # 16
		2	Zone # 17	Zone # 18	Zone # 19	Zone # 20	Zone # 21	Zone # 22	Zone # 23	Zone # 24
		3	Zone # 25	Zone # 26	Zone # 27	Zone # 28	Zone # 29	Zone # 30	Zone # 31	Zone # 32
		4	Zone # 33	Zone # 34	Zone # 35	Zone # 36	Zone # 37	Zone # 38	Zone # 39	Zone # 40
		5	Zone # 41	Zone # 42	Zone # 43	Zone # 44	Zone # 45	Zone # 46	Zone # 47	Zone # 48
	Zone is Open	8	Zone # 1	Zone # 2	Zone # 3	Zone # 4	Zone # 5	Zone # 6	Zone # 7	Zone # 8
		9	Zone # 9	Zone # 10	Zone # 11	Zone # 12	Zone # 13	Zone # 14	Zone # 15	Zone # 16
		A	Zone # 17	Zone # 18	Zone # 19	Zone # 20	Zone # 21	Zone # 22	Zone # 23	Zone # 24
		B	Zone # 25	Zone # 26	Zone # 27	Zone # 28	Zone # 29	Zone # 30	Zone # 31	Zone # 32
		C	Zone # 33	Zone # 34	Zone # 35	Zone # 36	Zone # 37	Zone # 38	Zone # 39	Zone # 40
		D	Zone # 41	Zone # 42	Zone # 43	Zone # 44	Zone # 45	Zone # 46	Zone # 47	Zone # 48
C	Auto Zone Shutdown	0	Zone # 1	Zone # 2	Zone # 3	Zone # 4	Zone # 5	Zone # 6	Zone # 7	Zone # 8
		1	Zone # 9	Zone # 10	Zone # 11	Zone # 12	Zone # 13	Zone # 14	Zone # 15	Zone # 16
		2	Zone # 17	Zone # 18	Zone # 19	Zone # 20	Zone # 21	Zone # 22	Zone # 23	Zone # 24
		3	Zone # 25	Zone # 26	Zone # 27	Zone # 28	Zone # 29	Zone # 30	Zone # 31	Zone # 32
		4	Zone # 33	Zone # 34	Zone # 35	Zone # 36	Zone # 37	Zone # 38	Zone # 39	Zone # 40
		5	Zone # 41	Zone # 42	Zone # 43	Zone # 44	Zone # 45	Zone # 46	Zone # 47	Zone # 48
	Zone Bypass (when system is armed)	8	Zone # 1	Zone # 2	Zone # 3	Zone # 4	Zone # 5	Zone # 6	Zone # 7	Zone # 8
		9	Zone # 9	Zone # 10	Zone # 11	Zone # 12	Zone # 13	Zone # 14	Zone # 15	Zone # 16
		A	Zone # 17	Zone # 18	Zone # 19	Zone # 20	Zone # 21	Zone # 22	Zone # 23	Zone # 24
		B	Zone # 25	Zone # 26	Zone # 27	Zone # 28	Zone # 29	Zone # 30	Zone # 31	Zone # 32
		C	Zone # 33	Zone # 34	Zone # 35	Zone # 36	Zone # 37	Zone # 38	Zone # 39	Zone # 40
		D	Zone # 41	Zone # 42	Zone # 43	Zone # 44	Zone # 45	Zone # 46	Zone # 47	Zone # 48
D	Zone Fault (Tamper / Fire loop)	0	Zone # 1	Zone # 2	Zone # 3	Zone # 4	Zone # 5	Zone # 6	Zone # 7	Zone # 8
		1	Zone # 9	Zone # 10	Zone # 11	Zone # 12	Zone # 13	Zone # 14	Zone # 15	Zone # 16
		2	Zone # 17	Zone # 18	Zone # 19	Zone # 20	Zone # 21	Zone # 22	Zone # 23	Zone # 24
		3	Zone # 25	Zone # 26	Zone # 27	Zone # 28	Zone # 29	Zone # 30	Zone # 31	Zone # 32
		4	Zone # 33	Zone # 34	Zone # 35	Zone # 36	Zone # 37	Zone # 38	Zone # 39	Zone # 40
		5	Zone # 41	Zone # 42	Zone # 43	Zone # 44	Zone # 45	Zone # 46	Zone # 47	Zone # 48
	Fault RF Zone (Low battery Supervision)	8	Zone # 1	Zone # 2	Zone # 3	Zone # 4	Zone # 5	Zone # 6	Zone # 7	Zone # 8
		9	Zone # 9	Zone # 10	Zone # 11	Zone # 12	Zone # 13	Zone # 14	Zone # 15	Zone # 16
		A	Zone # 17	Zone # 18	Zone # 19	Zone # 20	Zone # 21	Zone # 22	Zone # 23	Zone # 24
		B	Zone # 25	Zone # 26	Zone # 27	Zone # 28	Zone # 29	Zone # 30	Zone # 31	Zone # 32
		C	Zone # 33	Zone # 34	Zone # 35	Zone # 36	Zone # 37	Zone # 38	Zone # 39	Zone # 40
		D	Zone # 41	Zone # 42	Zone # 43	Zone # 44	Zone # 45	Zone # 46	Zone # 47	Zone # 48
E	Fire/Burg. Alarms	0	Zone # 1	Zone # 2	Zone # 3	Zone # 4	Zone # 5	Zone # 6	Zone # 7	Zone # 8
		1	Zone # 9	Zone # 10	Zone # 11	Zone # 12	Zone # 13	Zone # 14	Zone # 15	Zone # 16
		2	Zone # 17	Zone # 18	Zone # 19	Zone # 20	Zone # 21	Zone # 22	Zone # 23	Zone # 24
		3	Zone # 25	Zone # 26	Zone # 27	Zone # 28	Zone # 29	Zone # 30	Zone # 31	Zone # 32
		4	Zone # 33	Zone # 34	Zone # 35	Zone # 36	Zone # 37	Zone # 38	Zone # 39	Zone # 40
		5	Zone # 41	Zone # 42	Zone # 43	Zone # 44	Zone # 45	Zone # 46	Zone # 47	Zone # 48
	Fire/Burg. Restore	8	Zone # 1	Zone # 2	Zone # 3	Zone # 4	Zone # 5	Zone # 6	Zone # 7	Zone # 8
		9	Zone # 9	Zone # 10	Zone # 11	Zone # 12	Zone # 13	Zone # 14	Zone # 15	Zone # 16
		A	Zone # 17	Zone # 18	Zone # 19	Zone # 20	Zone # 21	Zone # 22	Zone # 23	Zone # 24
		B	Zone # 25	Zone # 26	Zone # 27	Zone # 28	Zone # 29	Zone # 30	Zone # 31	Zone # 32
		C	Zone # 33	Zone # 34	Zone # 35	Zone # 36	Zone # 37	Zone # 38	Zone # 39	Zone # 40
		D	Zone # 41	Zone # 42	Zone # 43	Zone # 44	Zone # 45	Zone # 46	Zone # 47	Zone # 48
F	Module Troubles	0	Bus Fault	Module Tamper	ROM error	Module TLM	Fail to comm.	Printer Fault	AC Fail	Battery Fail
		1	Auxiliary Output fail	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		8	Bus Fault Restore	Module Tamper Restore	ROM error Restore	Module TLM Restore	Fail to Com. Restore	Printer Fault Restore	AC Fail Restore	Batt. Fail Restore
		9	Aux Fail	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Other Settings

Section #	Decimal Value (00-15)	Description	Default Value (notes)
[450]	___/___ (00 to 04)	CONTROL PANEL PARTITION ASSIGNMENT	00 = All enabled partitions
[451]	___/___ x4 seconds	ANSWERING MACHINE OVERRIDE DELAY	32 sec.
[452]	___/___	NUMBER OF RINGS	8 rings

System Options

Bold = Default setting

SECTION [500]: System Options

Option	OFF	ON
[1] Partition 1	☐ Disabled	☐ Enabled
[2] Partition 2	☐ Disabled	☐ Enabled
[3] Partition 3	☐ Disabled	☐ Enabled
[4] Partition 4	☐ Disabled	☐ Enabled
[5] Bell/Siren Output in Partition 1	☐ Disabled	☐ Enabled
[6] Bell/Siren Output in Partition 2	☐ Disabled	☐ Enabled
[7] Bell/Siren Output in Partition 3	☐ Disabled	☐ Enabled
[8] Bell/Siren Output in Partition 4	☐ Disabled	☐ Enabled

Bold = Default setting

SECTION [501]: System Options

Option

[1]&[2]

Wireless Transmitter Supervision Options	
[1]	[2]
OFF	OFF—Disabled (Default)
ON	OFF—When disarmed: GENERATES TROUBLE ONLY When armed: Follows zone's <i>Alarm Types</i> (page 6)
OFF	ON —When disarmed: GENERATES SILENT ALARM When armed: Follows zone's <i>Alarm Types</i> (page 6)
ON	ON —When disarmed: GENERATES AUDIBLE ALARM When armed: Follows zone's <i>Alarm Types</i> (page 6)

[3]

Generate Supervision Failure if detected on a Bypassed Wireless Zone

[4]

Restrict Arming on Wireless Transmitter Supervision Failure

[5]&[6]

Tamper Recognition Options	
[5]	[6]
OFF	OFF—Disabled (Default)
ON	OFF—When disarmed: GENERATES TROUBLE ONLY When armed: Follows zone's <i>Alarm Types</i> (page 6)
OFF	ON —When disarmed: GENERATES SILENT ALARM When armed: Follows zone's <i>Alarm Types</i> (page 6)
ON	ON —When disarmed: GENERATES AUDIBLE ALARM When armed: Follows zone's <i>Alarm Types</i> (page 6)

[7]

Generate Tamper if detected on Bypassed Zone

[8]

Restrict Arming on Tamper Trouble

OFF

☐ see table

☐ see table

ON

☐ see table

☐ see table

☐ Yes

☐ No

☐ Disabled

☐ Enabled

☐ see table

☐ see table

☐ Yes

☐ No

☐ Disabled

☐ Enabled

SECTION [502]: PGM & Other Options

Option	OFF	ON
[1] PGM 1 Deactivation Type	☐ Follows Event	☐ Follows Timer
[2] PGM 2 Deactivation Type	☐ Follows Event	☐ Follows Timer
[3] PGM 3 Deactivation Type	☐ Follows Event	☐ Follows Timer
[4] PGM 4 Deactivation Type	☐ Follows Event	☐ Follows Timer
[5] PGM 5 Deactivation Type	☐ Follows Event	☐ Follows Timer
[6] Auto adjust panel clock for Daylight Savings	☐ Disabled	☐ Enabled
[7] PGM 1 = 2-wire smoke detector input (255)	☐ Disabled	☐ Enabled
[8] No bell cut-off during fire alarm	☐ Disabled	☐ Enabled

Bold = Default setting

SECTION [503]: PGM & Other Options

Option	OFF	ON
[1] PGM 1 Timer (see section [250])	☐ Seconds	☐ Minutes
[2] PGM 2 Timer (see section [251])	☐ Seconds	☐ Minutes
[3] PGM 3 Timer (see section [252])	☐ Seconds	☐ Minutes
[4] PGM 4 Timer (see section [253])	☐ Seconds	☐ Minutes
[5] PGM 5 Timer (see section [254])	☐ Seconds	☐ Minutes
[6] Battery charge current	☐ 350mA	☐ 700mA
[7] AC failure does not appear in Trouble Display	☐ Disabled	☐ Enabled
[8] Restrict arming on battery failure	☐ Disabled	☐ Enabled

Bold = Default setting

SECTION [504]: Keypad & Other Options

Option	OFF	ON
[1] Multiple Actions in User Menu	☐ Disabled	☐ Enabled
[2] User Code length	☐ Fixed (see option [3] below)	☐ Flexible (1 to 6 digits)
[3] User Code length	☐ 4-digits (if option [2] = off)	☐ 6-digits (if option [2] = off)
[4] Power Save Mode	☐ Disabled	☐ Enabled
[5] Bypass not displayed while system is armed	☐ Disabled	☐ Enabled
[6] Future Use	☐ N/A	☐ N/A
[7] EOL resistor on hardwire inputs	☐ Disabled	☐ Enabled
[8] ATZ (Zone Doubling)	☐ Disabled	☐ Enabled

Partition 1: Options

Bold = Default setting

SECTION [505]: Partition 1 Options

Option	OFF	ON
[1] <i>Switch to Stay Arming (if no delay zone opened)</i>	☐ Disabled	☐ Enabled
[2] <i>Partition 1 arms & disarms with Partition 2</i>	☐ Disabled	☐ Enabled
[3] <i>Partition 1 arms & disarms with Partition 3</i>	☐ Disabled	☐ Enabled
[4] <i>Partition 1 arms & disarms with Partition 4</i>	☐ Disabled	☐ Enabled
[5] <i>Timed Auto-Arming</i>	☐ Disabled	☐ Enabled
[6] <i>"No Movement" Auto-Arming</i>	☐ Disabled	☐ Enabled
[7] <i>Arming method for auto arming</i>	☐ Force Arming	☐ Stay Arming
[8] <i>Exit Delay termination</i>	☐ Disabled	☐ Enabled

SECTION [506]: Partition 1 Options

Option	OFF	ON
[1] <i>Panic 1 (keys [1] and [3])</i>	☐ Disabled	☐ Enabled
[2] <i>Panic 2 (keys [4] and [6])</i>	☐ Disabled	☐ Enabled
[3] <i>Panic 3 (keys [7] and [9])</i>	☐ Disabled	☐ Enabled
[4] <i>Panic 1 alarm type</i>	☐ Report Only	☐ Audible Alarm
[5] <i>Panic 2 alarm type</i>	☐ Report Only	☐ Audible Alarm
[6] <i>Panic 3 alarm type</i>	☐ Report Only	☐ Fire Alarm
[7] <i>Report Disarming Options</i>	☐ Always report disarming	☐ Report disarming only after alarm
[8] <i>Future Use</i>	☐ N/A	☐ N/A

SECTION [507]: Partition 1 Options

Option	OFF	ON
[1] <i>Bell Squawk upon Disarming</i>	☐ Disabled	☐ Enabled
[2] <i>Bell Squawk upon Arming</i>	☐ Disabled	☐ Enabled
[3] <i>Bell Squawk upon Auto-Arming</i>	☐ Disabled	☐ Enabled
[4] <i>Bell Squawk during Exit Delay</i>	☐ Disabled	☐ Enabled
[5] <i>Bell Squawk during Entry Delay</i>	☐ Disabled	☐ Enabled
[6] <i>Bell Squawk upon Remote Arming/Disarming</i>	☐ Disabled	☐ Enabled
[7] <i>Ring Back: bell squawk if disarmed after alarm</i>	☐ Disabled	☐ Enabled
[8] <i>Ring Back: keypad beeps if disarmed after alarm</i>	☐ Disabled	☐ Enabled

SECTION [508]: Partition 1 Options

Option	OFF	ON
[1] <i>One-Touch Regular Arming</i>	☐ Disabled	☐ Enabled
[2] <i>One-Touch Stay Arming</i>	☐ Disabled	☐ Enabled
[3] <i>One-Touch Instant Arming</i>	☐ Disabled	☐ Enabled
[4] <i>One-Touch Force Arming</i>	☐ Disabled	☐ Enabled
[5] <i>One-Touch Stay or Instant Disarming</i>	☐ Disabled	☐ Enabled
[6] <i>One-Touch Bypass Programming</i>	☐ Disabled	☐ Enabled
[7] <i>One-Touch Event Display</i>	☐ Disabled	☐ Enabled
[8] <i>No Exit Delay when arming with remote control</i>	☐ Disabled	☐ Enabled

Partition 2: Options

Bold = Default setting

SECTION [509]: Partition 2 Options

Option	OFF	ON
[1] <i>Partition 2 arms & disarms with Partition 1</i>	☐ Disabled	☐ Enabled
[2] <i>Switch to Stay Arming (if no delay zone opened)</i>	☐ Disabled	☐ Enabled
[3] <i>Partition 2 arms & disarms with Partition 3</i>	☐ Disabled	☐ Enabled
[4] <i>Partition 2 arms & disarms with Partition 4</i>	☐ Disabled	☐ Enabled
[5] <i>Timed Auto-Arming</i>	☐ Disabled	☐ Enabled
[6] <i>"No Movement" Auto-Arming</i>	☐ Disabled	☐ Enabled
[7] <i>Arming method for auto arming</i>	☐ Force Arming	☐ Stay Arming
[8] <i>Exit Delay termination</i>	☐ Disabled	☐ Enabled

SECTION [510]: Partition 2 Options

Option	OFF	ON
[1] <i>Panic 1 (keys [1] and [3])</i>	☐ Disabled	☐ Enabled
[2] <i>Panic 2 (keys [4] and [6])</i>	☐ Disabled	☐ Enabled
[3] <i>Panic 3 (keys [7] and [9])</i>	☐ Disabled	☐ Enabled
[4] <i>Panic 1 alarm type</i>	☐ Report Only	☐ Audible Alarm
[5] <i>Panic 2 alarm type</i>	☐ Report Only	☐ Audible Alarm
[6] <i>Panic 3 alarm type</i>	☐ Report Only	☐ Fire Alarm
[7] <i>Report Disarming Options</i>	☐ Always report disarming	☐ Report disarming only after alarm
[8] <i>Future Use</i>	☐ N/A	☐ N/A

SECTION [511]: Partition 2 Options

Option	OFF	ON
[1] <i>Bell Squawk upon Disarming</i>	☐ Disabled	☐ Enabled
[2] <i>Bell Squawk upon Arming</i>	☐ Disabled	☐ Enabled
[3] <i>Bell Squawk upon Auto-Arming</i>	☐ Disabled	☐ Enabled
[4] <i>Bell Squawk during Exit Delay</i>	☐ Disabled	☐ Enabled
[5] <i>Bell Squawk during Entry Delay</i>	☐ Disabled	☐ Enabled
[6] <i>Bell Squawk upon Remote Arming/Disarming</i>	☐ Disabled	☐ Enabled
[7] <i>Ring Back: bell squawk if disarmed after alarm</i>	☐ Disabled	☐ Enabled
[8] <i>Ring Back: keypad beeps if disarmed after alarm</i>	☐ Disabled	☐ Enabled

SECTION [512]: Partition 2 Options

Option	OFF	ON
[1] <i>One-Touch Regular Arming</i>	☐ Disabled	☐ Enabled
[2] <i>One-Touch Stay Arming</i>	☐ Disabled	☐ Enabled
[3] <i>One-Touch Instant Arming</i>	☐ Disabled	☐ Enabled
[4] <i>One-Touch Force Arming</i>	☐ Disabled	☐ Enabled
[5] <i>One-Touch Stay or Instant Disarming</i>	☐ Disabled	☐ Enabled
[6] <i>One-Touch Bypass Programming</i>	☐ Disabled	☐ Enabled
[7] <i>One-Touch Event Display</i>	☐ Disabled	☐ Enabled
[8] <i>No Exit Delay when arming with remote control</i>	☐ Disabled	☐ Enabled

Partition 3: Options

Bold = Default setting

SECTION [513]: Partition 3 Options

Option	OFF	ON
[1] <i>Partition 3 arms & disarms with Partition 1</i>	☐ Disabled	☐ Enabled
[2] <i>Partition 3 arms & disarms with Partition 2</i>	☐ Disabled	☐ Enabled
[3] <i>Switch to Stay Arming (if no delay zone opened)</i>	☐ Disabled	☐ Enabled
[4] <i>Partition 3 arms & disarms with Partition 4</i>	☐ Disabled	☐ Enabled
[5] <i>Timed Auto-Arming</i>	☐ Disabled	☐ Enabled
[6] <i>"No Movement" Auto-Arming</i>	☐ Disabled	☐ Enabled
[7] <i>Arming method for auto arming</i>	☐ Force Arming	☐ Stay Arming
[8] <i>Exit Delay termination</i>	☐ Disabled	☐ Enabled

SECTION [514]: Partition 3 Options

Option	OFF	ON
[1] <i>Panic 1 (keys [1] and [3])</i>	☐ Disabled	☐ Enabled
[2] <i>Panic 2 (keys [4] and [6])</i>	☐ Disabled	☐ Enabled
[3] <i>Panic 3 (keys [7] and [9])</i>	☐ Disabled	☐ Enabled
[4] <i>Panic 1 alarm type</i>	☐ Report Only	☐ Audible Alarm
[5] <i>Panic 2 alarm type</i>	☐ Report Only	☐ Audible Alarm
[6] <i>Panic 3 alarm type</i>	☐ Report Only	☐ Fire Alarm
[7] <i>Report Disarming Options</i>	☐ Always report disarming	☐ Report disarming only after alarm
[8] <i>Future Use</i>	☐ N/A	☐ N/A

SECTION [515]: Partition 3 Options

Option	OFF	ON
[1] <i>Bell Squawk upon Disarming</i>	☐ Disabled	☐ Enabled
[2] <i>Bell Squawk upon Arming</i>	☐ Disabled	☐ Enabled
[3] <i>Bell Squawk upon Auto-Arming</i>	☐ Disabled	☐ Enabled
[4] <i>Bell Squawk during Exit Delay</i>	☐ Disabled	☐ Enabled
[5] <i>Bell Squawk during Entry Delay</i>	☐ Disabled	☐ Enabled
[6] <i>Bell Squawk upon Remote Arming/Disarming</i>	☐ Disabled	☐ Enabled
[7] <i>Ring Back: bell squawk if disarmed after alarm</i>	☐ Disabled	☐ Enabled
[8] <i>Ring Back: keypad beeps if disarmed after alarm</i>	☐ Disabled	☐ Enabled

SECTION [516]: Partition 3 Options

Option	OFF	ON
[1] <i>One-Touch Regular Arming</i>	☐ Disabled	☐ Enabled
[2] <i>One-Touch Stay Arming</i>	☐ Disabled	☐ Enabled
[3] <i>One-Touch Instant Arming</i>	☐ Disabled	☐ Enabled
[4] <i>One-Touch Force Arming</i>	☐ Disabled	☐ Enabled
[5] <i>One-Touch Stay or Instant Disarming</i>	☐ Disabled	☐ Enabled
[6] <i>One-Touch Bypass Programming</i>	☐ Disabled	☐ Enabled
[7] <i>One-Touch Event Display</i>	☐ Disabled	☐ Enabled
[8] <i>No Exit Delay when arming with remote control</i>	☐ Disabled	☐ Enabled

Partition 4: Options

Bold = Default setting

SECTION [517]: Partition 4 Options

Option	OFF	ON
[1] <i>Partition 4 arms & disarms with Partition 1</i>	☐ Disabled	☐ Enabled
[2] <i>Partition 4 arms & disarms with Partition 2</i>	☐ Disabled	☐ Enabled
[3] <i>Partition 4 arms & disarms with Partition 3</i>	☐ Disabled	☐ Enabled
[4] <i>Switch to Stay Arming (if no delay zone opened)</i>	☐ Disabled	☐ Enabled
[5] <i>Timed Auto-Arming</i>	☐ Disabled	☐ Enabled
[6] <i>"No Movement" Auto-Arming</i>	☐ Disabled	☐ Enabled
[7] <i>Arming method for auto arming</i>	☐ Force Arming	☐ Stay Arming
[8] <i>Exit Delay termination</i>	☐ Disabled	☐ Enabled

SECTION [518]: Partition 4 Options

Option	OFF	ON
[1] <i>Panic 1 (keys [1] and [3])</i>	☐ Disabled	☐ Enabled
[2] <i>Panic 2 (keys [4] and [6])</i>	☐ Disabled	☐ Enabled
[3] <i>Panic 3 (keys [7] and [9])</i>	☐ Disabled	☐ Enabled
[4] <i>Panic 1 alarm type</i>	☐ Report Only	☐ Audible Alarm
[5] <i>Panic 2 alarm type</i>	☐ Report Only	☐ Audible Alarm
[6] <i>Panic 3 alarm type</i>	☐ Report Only	☐ Fire Alarm
[7] <i>Report Disarming Options</i>	☐ Always report disarming	☐ Report disarming only after alarm
[8] <i>Future Use</i>	☐ N/A	☐ N/A

SECTION [519]: Partition 4 Options

Option	OFF	ON
[1] <i>Bell Squawk upon Disarming</i>	☐ Disabled	☐ Enabled
[2] <i>Bell Squawk upon Arming</i>	☐ Disabled	☐ Enabled
[3] <i>Bell Squawk upon Auto-Arming</i>	☐ Disabled	☐ Enabled
[4] <i>Bell Squawk during Exit Delay</i>	☐ Disabled	☐ Enabled
[5] <i>Bell Squawk during Entry Delay</i>	☐ Disabled	☐ Enabled
[6] <i>Bell Squawk upon Remote Arming/Disarming</i>	☐ Disabled	☐ Enabled
[7] <i>Ring Back: bell squawk if disarmed after alarm</i>	☐ Disabled	☐ Enabled
[8] <i>Ring Back: keypad beeps if disarmed after alarm</i>	☐ Disabled	☐ Enabled

SECTION [520]: Partition 4 Options

Option	OFF	ON
[1] <i>One-Touch Regular Arming</i>	☐ Disabled	☐ Enabled
[2] <i>One-Touch Stay Arming</i>	☐ Disabled	☐ Enabled
[3] <i>One-Touch Instant Arming</i>	☐ Disabled	☐ Enabled
[4] <i>One-Touch Force Arming</i>	☐ Disabled	☐ Enabled
[5] <i>One-Touch Stay or Instant Disarming</i>	☐ Disabled	☐ Enabled
[6] <i>One-Touch Bypass Programming</i>	☐ Disabled	☐ Enabled
[7] <i>One-Touch Event Display</i>	☐ Disabled	☐ Enabled
[8] <i>No Exit Delay when arming with remote control</i>	☐ Disabled	☐ Enabled

Dialer Options

Bold = Default setting

SECTION [521]: Dialer Options

Option	OFF	ON											
[1]&[2]	Telephone Line Monitoring (TLM) Options <table><tr><th>[1]</th><th>[2]</th></tr><tr><td>OFF</td><td>OFF — TLM disabled (Default)</td></tr><tr><td>OFF</td><td>ON — TLM generates an audible alarm if armed</td></tr><tr><td>ON</td><td>OFF — TLM generates a trouble if armed</td></tr><tr><td>ON</td><td>ON — TLM silent alarm becomes audible</td></tr></table>	[1]	[2]	OFF	OFF — TLM disabled (Default)	OFF	ON — TLM generates an audible alarm if armed	ON	OFF — TLM generates a trouble if armed	ON	ON — TLM silent alarm becomes audible	see table see table	see table see table
[1]	[2]												
OFF	OFF — TLM disabled (Default)												
OFF	ON — TLM generates an audible alarm if armed												
ON	OFF — TLM generates a trouble if armed												
ON	ON — TLM silent alarm becomes audible												
[3]	Dialer Enabled/Disabled Disabled	Enabled											
[4]	Dialing Method Pulse	Tone (DTMF)											
[5]	Pulse Ratio 1:2 (Europe)	1:1.5 (North America)											
[6]	Busy Tone Detection Disabled	Enabled											
[7]	Switch to pulse dialing on 5th attempt Disabled	Enabled											
[8]	Bell/Siren upon Communication Failure if system is armed Disabled	Enabled											

SECTION [522]: Dialer Options

Option	OFF	ON
[1] <i>Call Back</i>	☐ Disabled	☐ Enabled
[2] <i>Automatic Event Buffer Transmission</i>	☐ Disabled	☐ Enabled
[3] <i>Hourly Test Transmission</i>	☐ Disabled	☐ Enabled
[4] <i>Shabbath Feature</i>	☐ Disabled	☐ Enabled
[5] <i>Future Use</i>	☐ Disabled	☐ Enabled
[6] <i>Alternate Dial</i>	☐ Disabled	☐ Enabled
[7] <i>Dial Tone Delay</i>	☐ Force dial if no dial tone	☐ Hang-up if no dial tone
[8] <i>Report zone restore options</i>	☐ On bell cut-off	☐ On zone closure

Partition 1: Event Call Direction

Bold = Default setting

SECTION [523]: ARMING AND DISARMING REPORT CODES (PARTITION 1)

Option	OFF	ON
[1] <i>Call Telephone Number 1 (see section [561])</i>	☐ Disabled	☐ Enabled
[2] <i>Call Telephone Number 2 (see section [562])</i>	☐ Disabled	☐ Enabled
[3] <i>Call Telephone Number 3 (see section [563])</i>	☐ Disabled	☐ Enabled
[4] <i>Call Telephone Number 4 (see section [564])</i>	☐ Disabled	☐ Enabled
[5] <i>Backup on Telephone Number 1</i>	☐ Disabled	☐ Enabled
[6] <i>Backup on Telephone Number 2</i>	☐ Disabled	☐ Enabled
[7] <i>Backup on Telephone Number 3</i>	☐ Disabled	☐ Enabled
[8] <i>Backup on Telephone Number 4</i>	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

SECTION [524]: ALARM AND ALARM RESTORE REPORT CODES (PARTITION 1)

Option	OFF	ON
[1] <i>Call Telephone Number 1 (see section [561])</i>	☐ Disabled	☐ Enabled
[2] <i>Call Telephone Number 2 (see section [562])</i>	☐ Disabled	☐ Enabled
[3] <i>Call Telephone Number 3 (see section [563])</i>	☐ Disabled	☐ Enabled
[4] <i>Call Telephone Number 4 (see section [564])</i>	☐ Disabled	☐ Enabled
[5] <i>Backup on Telephone Number 1</i>	☐ Disabled	☐ Enabled
[6] <i>Backup on Telephone Number 2</i>	☐ Disabled	☐ Enabled
[7] <i>Backup on Telephone Number 3</i>	☐ Disabled	☐ Enabled
[8] <i>Backup on Telephone Number 4</i>	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

SECTION [525]: TAMPER AND TAMPER RESTORE REPORT CODES (PARTITION 1)

Option	OFF	ON
[1] <i>Call Telephone Number 1 (see section [561])</i>	☐ Disabled	☐ Enabled
[2] <i>Call Telephone Number 2 (see section [562])</i>	☐ Disabled	☐ Enabled
[3] <i>Call Telephone Number 3 (see section [563])</i>	☐ Disabled	☐ Enabled
[4] <i>Call Telephone Number 4 (see section [564])</i>	☐ Disabled	☐ Enabled
[5] <i>Backup on Telephone Number 1</i>	☐ Disabled	☐ Enabled
[6] <i>Backup on Telephone Number 2</i>	☐ Disabled	☐ Enabled
[7] <i>Backup on Telephone Number 3</i>	☐ Disabled	☐ Enabled
[8] <i>Backup on Telephone Number 4</i>	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

Partition 2: Event Call Direction

Bold = Default setting

SECTION [526]: ARMING AND DISARMING REPORT CODES (PARTITION 2)

Option	OFF	ON
[1] Call Telephone Number 1 (see section [561])	☐ Disabled	☐ Enabled
[2] Call Telephone Number 2 (see section [562])	☐ Disabled	☐ Enabled
[3] Call Telephone Number 3 (see section [563])	☐ Disabled	☐ Enabled
[4] Call Telephone Number 4 (see section [564])	☐ Disabled	☐ Enabled
[5] Backup on Telephone Number 1	☐ Disabled	☐ Enabled
[6] Backup on Telephone Number 2	☐ Disabled	☐ Enabled
[7] Backup on Telephone Number 3	☐ Disabled	☐ Enabled
[8] Backup on Telephone Number 4	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

SECTION [527]: ALARM AND ALARM RESTORE REPORT CODES (PARTITION 2)

Option	OFF	ON
[1] Call Telephone Number 1 (see section [561])	☐ Disabled	☐ Enabled
[2] Call Telephone Number 2 (see section [562])	☐ Disabled	☐ Enabled
[3] Call Telephone Number 3 (see section [563])	☐ Disabled	☐ Enabled
[4] Call Telephone Number 4 (see section [564])	☐ Disabled	☐ Enabled
[5] Backup on Telephone Number 1	☐ Disabled	☐ Enabled
[6] Backup on Telephone Number 2	☐ Disabled	☐ Enabled
[7] Backup on Telephone Number 3	☐ Disabled	☐ Enabled
[8] Backup on Telephone Number 4	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

SECTION [528]: TAMPER AND TAMPER RESTORE REPORT CODES (PARTITION 2)

Option	OFF	ON
[1] Call Telephone Number 1 (see section [561])	☐ Disabled	☐ Enabled
[2] Call Telephone Number 2 (see section [562])	☐ Disabled	☐ Enabled
[3] Call Telephone Number 3 (see section [563])	☐ Disabled	☐ Enabled
[4] Call Telephone Number 4 (see section [564])	☐ Disabled	☐ Enabled
[5] Backup on Telephone Number 1	☐ Disabled	☐ Enabled
[6] Backup on Telephone Number 2	☐ Disabled	☐ Enabled
[7] Backup on Telephone Number 3	☐ Disabled	☐ Enabled
[8] Backup on Telephone Number 4	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

Partition 3: Event Call Direction

Bold = Default setting

SECTION [529]: ARMING AND DISARMING REPORT CODES (PARTITION 3)

Option	OFF	ON
[1] <i>Call Telephone Number 1 (see section [561])</i>	☐ Disabled	☐ Enabled
[2] <i>Call Telephone Number 2 (see section [562])</i>	☐ Disabled	☐ Enabled
[3] <i>Call Telephone Number 3 (see section [563])</i>	☐ Disabled	☐ Enabled
[4] <i>Call Telephone Number 4 (see section [564])</i>	☐ Disabled	☐ Enabled
[5] <i>Backup on Telephone Number 1</i>	☐ Disabled	☐ Enabled
[6] <i>Backup on Telephone Number 2</i>	☐ Disabled	☐ Enabled
[7] <i>Backup on Telephone Number 3</i>	☐ Disabled	☐ Enabled
[8] <i>Backup on Telephone Number 4</i>	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

SECTION [530]: ALARM AND ALARM RESTORE REPORT CODES (PARTITION 3)

Option	OFF	ON
[1] <i>Call Telephone Number 1 (see section [561])</i>	☐ Disabled	☐ Enabled
[2] <i>Call Telephone Number 2 (see section [562])</i>	☐ Disabled	☐ Enabled
[3] <i>Call Telephone Number 3 (see section [563])</i>	☐ Disabled	☐ Enabled
[4] <i>Call Telephone Number 4 (see section [564])</i>	☐ Disabled	☐ Enabled
[5] <i>Backup on Telephone Number 1</i>	☐ Disabled	☐ Enabled
[6] <i>Backup on Telephone Number 2</i>	☐ Disabled	☐ Enabled
[7] <i>Backup on Telephone Number 3</i>	☐ Disabled	☐ Enabled
[8] <i>Backup on Telephone Number 4</i>	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

SECTION [531]: TAMPER AND TAMPER RESTORE REPORT CODES (PARTITION 3)

Option	OFF	ON
[1] <i>Call Telephone Number 1 (see section [561])</i>	☐ Disabled	☐ Enabled
[2] <i>Call Telephone Number 2 (see section [562])</i>	☐ Disabled	☐ Enabled
[3] <i>Call Telephone Number 3 (see section [563])</i>	☐ Disabled	☐ Enabled
[4] <i>Call Telephone Number 4 (see section [564])</i>	☐ Disabled	☐ Enabled
[5] <i>Backup on Telephone Number 1</i>	☐ Disabled	☐ Enabled
[6] <i>Backup on Telephone Number 2</i>	☐ Disabled	☐ Enabled
[7] <i>Backup on Telephone Number 3</i>	☐ Disabled	☐ Enabled
[8] <i>Backup on Telephone Number 4</i>	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

Partition 4: Event Call Direction

Bold = Default setting

SECTION [532]: ARMING AND DISARMING REPORT CODES (PARTITION 4)

Option	OFF	ON
[1] Call Telephone Number 1 (see section [561])	☐ Disabled	☐ Enabled
[2] Call Telephone Number 2 (see section [562])	☐ Disabled	☐ Enabled
[3] Call Telephone Number 3 (see section [563])	☐ Disabled	☐ Enabled
[4] Call Telephone Number 4 (see section [564])	☐ Disabled	☐ Enabled
[5] Backup on Telephone Number 1	☐ Disabled	☐ Enabled
[6] Backup on Telephone Number 2	☐ Disabled	☐ Enabled
[7] Backup on Telephone Number 3	☐ Disabled	☐ Enabled
[8] Backup on Telephone Number 4	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

SECTION [533]: ALARM AND ALARM RESTORE REPORT CODES (PARTITION 4)

Option	OFF	ON
[1] Call Telephone Number 1 (see section [561])	☐ Disabled	☐ Enabled
[2] Call Telephone Number 2 (see section [562])	☐ Disabled	☐ Enabled
[3] Call Telephone Number 3 (see section [563])	☐ Disabled	☐ Enabled
[4] Call Telephone Number 4 (see section [564])	☐ Disabled	☐ Enabled
[5] Backup on Telephone Number 1	☐ Disabled	☐ Enabled
[6] Backup on Telephone Number 2	☐ Disabled	☐ Enabled
[7] Backup on Telephone Number 3	☐ Disabled	☐ Enabled
[8] Backup on Telephone Number 4	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

SECTION [534]: TAMPER AND TAMPER RESTORE REPORT CODES (PARTITION 4)

Option	OFF	ON
[1] Call Telephone Number 1 (see section [561])	☐ Disabled	☐ Enabled
[2] Call Telephone Number 2 (see section [562])	☐ Disabled	☐ Enabled
[3] Call Telephone Number 3 (see section [563])	☐ Disabled	☐ Enabled
[4] Call Telephone Number 4 (see section [564])	☐ Disabled	☐ Enabled
[5] Backup on Telephone Number 1	☐ Disabled	☐ Enabled
[6] Backup on Telephone Number 2	☐ Disabled	☐ Enabled
[7] Backup on Telephone Number 3	☐ Disabled	☐ Enabled
[8] Backup on Telephone Number 4	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

System Event Call Direction

Bold = Default setting

SECTION [535]: SYSTEM TROUBLES AND TROUBLE RESTORES

Option	OFF	ON
[1] <i>Call Telephone Number 1 (see section [561])</i>	☐ Disabled	☐ Enabled
[2] <i>Call Telephone Number 2 (see section [562])</i>	☐ Disabled	☐ Enabled
[3] <i>Call Telephone Number 3 (see section [563])</i>	☐ Disabled	☐ Enabled
[4] <i>Call Telephone Number 4 (see section [564])</i>	☐ Disabled	☐ Enabled
[5] <i>Backup on Telephone Number 1</i>	☐ Disabled	☐ Enabled
[6] <i>Backup on Telephone Number 2</i>	☐ Disabled	☐ Enabled
[7] <i>Backup on Telephone Number 3</i>	☐ Disabled	☐ Enabled
[8] <i>Backup on Telephone Number 4</i>	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

SECTION [536]: SPECIAL REPORTING

Option	OFF	ON
[1] <i>Call Telephone Number 1 (see section [561])</i>	☐ Disabled	☐ Enabled
[2] <i>Call Telephone Number 2 (see section [562])</i>	☐ Disabled	☐ Enabled
[3] <i>Call Telephone Number 3 (see section [563])</i>	☐ Disabled	☐ Enabled
[4] <i>Call Telephone Number 4 (see section [564])</i>	☐ Disabled	☐ Enabled
[5] <i>Backup on Telephone Number 1</i>	☐ Disabled	☐ Enabled
[6] <i>Backup on Telephone Number 2</i>	☐ Disabled	☐ Enabled
[7] <i>Backup on Telephone Number 3</i>	☐ Disabled	☐ Enabled
[8] <i>Backup on Telephone Number 4</i>	☐ Disabled	☐ Enabled

→ ENABLE ONLY ONE

Report Codes

Each section from [600] to [702] contains up to four reportable events as defined on the following pages.

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

Key-in desired 1 or 2-digit hexa values from 0 to FF.

Ademco format:

Use sections [790] to [795] (see page 32) to program a set of default Ademco report codes from the “Automatic Report Code List” on page 33. Then to program the remaining report codes or to change some of the defaults, enter the individual sections and key-in the desired 2-digit hexa values found in the “Ademco Report Code List” on page 35.

SIA format:

Use sections [790] to [795] (see page 32) to program a set of default SIA report codes from the “Automatic Report Code List” on page 33. Codes that have not been set to default can be set to default manually by entering FF in the appropriate section. To disable reporting of an event, enter 00 in the appropriate section.

ARMING REPORT CODES

[600]: ___ / ___ Access code 1
___ / ___ Access code 2
___ / ___ Access code 3
___ / ___ Access code 4

[607]: ___ / ___ Access code 29
___ / ___ Access code 30
___ / ___ Access code 31
___ / ___ Access code 32

[614]: ___ / ___ Access code 57
___ / ___ Access code 58
___ / ___ Access code 59
___ / ___ Access code 60

[601]: ___ / ___ Access code 5
___ / ___ Access code 6
___ / ___ Access code 7
___ / ___ Access code 8

[608]: ___ / ___ Access code 33
___ / ___ Access code 34
___ / ___ Access code 35
___ / ___ Access code 36

[615]: ___ / ___ Access code 61
___ / ___ Access code 62
___ / ___ Access code 63
___ / ___ Access code 64

[602]: ___ / ___ Access code 9
___ / ___ Access code 10
___ / ___ Access code 11
___ / ___ Access code 12

[609]: ___ / ___ Access code 37
___ / ___ Access code 38
___ / ___ Access code 39
___ / ___ Access code 40

[616]: ___ / ___ Keyswitch 1
___ / ___ Keyswitch 2
___ / ___ Keyswitch 3
___ / ___ Keyswitch 4

[603]: ___ / ___ Access code 13
___ / ___ Access code 14
___ / ___ Access code 15
___ / ___ Access code 16

[610]: ___ / ___ Access code 41
___ / ___ Access code 42
___ / ___ Access code 43
___ / ___ Access code 44

[617]: ___ / ___ Keyswitch 5
___ / ___ Keyswitch 6
___ / ___ Keyswitch 7
___ / ___ Keyswitch 8

[604]: ___ / ___ Access code 17
___ / ___ Access code 18
___ / ___ Access code 19
___ / ___ Access code 20

[611]: ___ / ___ Access code 45
___ / ___ Access code 46
___ / ___ Access code 47
___ / ___ Access code 48

SPECIAL ARMING CODES

[618]: ___ / ___ Auto-Arming
___ / ___ PC arming
___ / ___ Late to close
___ / ___ No Movement

[605]: ___ / ___ Access code 21
___ / ___ Access code 22
___ / ___ Access code 23
___ / ___ Access code 24

[612]: ___ / ___ Access code 49
___ / ___ Access code 50
___ / ___ Access code 51
___ / ___ Access code 52

[619]: ___ / ___ Partial Arming
___ / ___ Quick Arming
___ / ___ N/A
___ / ___ N/A

[606]: ___ / ___ Access code 25
___ / ___ Access code 26
___ / ___ Access code 27
___ / ___ Access code 28

[613]: ___ / ___ Access code 53
___ / ___ Access code 54
___ / ___ Access code 55
___ / ___ Access code 56

DISARMING REPORT CODES

[620]: __/__/__ Access code 1
__/__/__ Access code 2
__/__/__ Access code 3
__/__/__ Access code 4

[621]: __/__/__ Access code 5
__/__/__ Access code 6
__/__/__ Access code 7
__/__/__ Access code 8

[622]: __/__/__ Access code 9
__/__/__ Access code 10
__/__/__ Access code 11
__/__/__ Access code 12

[623]: __/__/__ Access code 13
__/__/__ Access code 14
__/__/__ Access code 15
__/__/__ Access code 16

[624]: __/__/__ Access code 17
__/__/__ Access code 18
__/__/__ Access code 19
__/__/__ Access code 20

[625]: __/__/__ Access code 21
__/__/__ Access code 22
__/__/__ Access code 23
__/__/__ Access code 24

[626]: __/__/__ Access code 25
__/__/__ Access code 26
__/__/__ Access code 27
__/__/__ Access code 28

[627]: __/__/__ Access code 29
__/__/__ Access code 30
__/__/__ Access code 31
__/__/__ Access code 32

[628]: __/__/__ Access code 33
__/__/__ Access code 34
__/__/__ Access code 35
__/__/__ Access code 36

[629]: __/__/__ Access code 37
__/__/__ Access code 38
__/__/__ Access code 39
__/__/__ Access code 40

[630]: __/__/__ Access code 41
__/__/__ Access code 42
__/__/__ Access code 43
__/__/__ Access code 44

[631]: __/__/__ Access code 45
__/__/__ Access code 46
__/__/__ Access code 47
__/__/__ Access code 48

[632]: __/__/__ Access code 49
__/__/__ Access code 50
__/__/__ Access code 51
__/__/__ Access code 52

[633]: __/__/__ Access code 53
__/__/__ Access code 54
__/__/__ Access code 55
__/__/__ Access code 56

[634]: __/__/__ Access code 57
__/__/__ Access code 58
__/__/__ Access code 59
__/__/__ Access code 60

[635]: __/__/__ Access code 61
__/__/__ Access code 62
__/__/__ Access code 63
__/__/__ Access code 64

[636]: __/__/__ Keypad 1
__/__/__ Keypad 2
__/__/__ Keypad 3
__/__/__ Keypad 4

[637]: __/__/__ Keypad 5
__/__/__ Keypad 6
__/__/__ Keypad 7
__/__/__ Keypad 8

SPECIAL DISARMING CODES

[638]: __/__/__ Cancel Auto-arm
__/__/__ Quick Disarm
__/__/__ PC disarm
__/__/__ N/A

ALARM REPORT CODES

[639]: __/__/__ Zone 1
__/__/__ Zone 2
__/__/__ Zone 3
__/__/__ Zone 4

[640]: __/__/__ Zone 5
__/__/__ Zone 6
__/__/__ Zone 7
__/__/__ Zone 8

[641]: __/__/__ Zone 9
__/__/__ Zone 10
__/__/__ Zone 11
__/__/__ Zone 12

[642]: __/__/__ Zone 13
__/__/__ Zone 14
__/__/__ Zone 15
__/__/__ Zone 16

[643]: __/__/__ Zone 17
__/__/__ Zone 18
__/__/__ Zone 19
__/__/__ Zone 20

[644]: __/__/__ Zone 21
__/__/__ Zone 22
__/__/__ Zone 23
__/__/__ Zone 24

[645]: __/__/__ Zone 25
__/__/__ Zone 26
__/__/__ Zone 27
__/__/__ Zone 28

[646]: __/__/__ Zone 29
__/__/__ Zone 30
__/__/__ Zone 31
__/__/__ Zone 32

[647]: __/__/__ Zone 33
__/__/__ Zone 34
__/__/__ Zone 35
__/__/__ Zone 36

[648]: __/__/__ Zone 37
__/__/__ Zone 38
__/__/__ Zone 39
__/__/__ Zone 40

[649]: __/__/__ Zone 41
__/__/__ Zone 42
__/__/__ Zone 43
__/__/__ Zone 44

[650]: __/__/__ Zone 45
__/__/__ Zone 46
__/__/__ Zone 47
__/__/__ Zone 48

ALARM RESTORE REPORT CODES

[651]: __ / __ Zone 1
__ / __ Zone 2
__ / __ Zone 3
__ / __ Zone 4

[655]: __ / __ Zone 17
__ / __ Zone 18
__ / __ Zone 19
__ / __ Zone 20

[659]: __ / __ Zone 33
__ / __ Zone 34
__ / __ Zone 35
__ / __ Zone 36

[652]: __ / __ Zone 5
__ / __ Zone 6
__ / __ Zone 7
__ / __ Zone 8

[656]: __ / __ Zone 21
__ / __ Zone 22
__ / __ Zone 23
__ / __ Zone 24

[660]: __ / __ Zone 37
__ / __ Zone 38
__ / __ Zone 39
__ / __ Zone 40

[653]: __ / __ Zone 9
__ / __ Zone 10
__ / __ Zone 11
__ / __ Zone 12

[657]: __ / __ Zone 25
__ / __ Zone 26
__ / __ Zone 27
__ / __ Zone 28

[661]: __ / __ Zone 41
__ / __ Zone 42
__ / __ Zone 43
__ / __ Zone 44

[654]: __ / __ Zone 13
__ / __ Zone 14
__ / __ Zone 15
__ / __ Zone 16

[658]: __ / __ Zone 29
__ / __ Zone 30
__ / __ Zone 31
__ / __ Zone 32

[662]: __ / __ Zone 45
__ / __ Zone 46
__ / __ Zone 47
__ / __ Zone 48

SPECIAL ALARM REPORT CODES

[663]: __ / __ Emergency Panic
__ / __ Auxiliary Panic
__ / __ Fire Panic
__ / __ Recent Closing

[664]: __ / __ N/A
__ / __ Auto Zone Shutdown
__ / __ Duress
__ / __ N/A

ZONE TAMPER REPORT CODES

[665]: __ / __ Zone 1
__ / __ Zone 2
__ / __ Zone 3
__ / __ Zone 4

[669]: __ / __ Zone 17
__ / __ Zone 18
__ / __ Zone 19
__ / __ Zone 20

[673]: __ / __ Zone 33
__ / __ Zone 34
__ / __ Zone 35
__ / __ Zone 36

[666]: __ / __ Zone 5
__ / __ Zone 6
__ / __ Zone 7
__ / __ Zone 8

[670]: __ / __ Zone 21
__ / __ Zone 22
__ / __ Zone 23
__ / __ Zone 24

[674]: __ / __ Zone 37
__ / __ Zone 38
__ / __ Zone 39
__ / __ Zone 40

[667]: __ / __ Zone 9
__ / __ Zone 10
__ / __ Zone 11
__ / __ Zone 12

[671]: __ / __ Zone 25
__ / __ Zone 26
__ / __ Zone 27
__ / __ Zone 28

[675]: __ / __ Zone 41
__ / __ Zone 42
__ / __ Zone 43
__ / __ Zone 44

[668]: __ / __ Zone 13
__ / __ Zone 14
__ / __ Zone 15
__ / __ Zone 16

[672]: __ / __ Zone 29
__ / __ Zone 30
__ / __ Zone 31
__ / __ Zone 32

[676]: __ / __ Zone 45
__ / __ Zone 46
__ / __ Zone 47
__ / __ Zone 48

ZONE TAMPER RESTORE REPORT CODES

[677]:	___ / ___ Zone 1	[681]:	___ / ___ Zone 17	[685]:	___ / ___ Zone 33
	___ / ___ Zone 2		___ / ___ Zone 18		___ / ___ Zone 34
	___ / ___ Zone 3		___ / ___ Zone 19		___ / ___ Zone 35
	___ / ___ Zone 4		___ / ___ Zone 20		___ / ___ Zone 36
[678]:	___ / ___ Zone 5	[682]:	___ / ___ Zone 21	[686]:	___ / ___ Zone 37
	___ / ___ Zone 6		___ / ___ Zone 22		___ / ___ Zone 38
	___ / ___ Zone 7		___ / ___ Zone 23		___ / ___ Zone 39
	___ / ___ Zone 8		___ / ___ Zone 24		___ / ___ Zone 40
[679]:	___ / ___ Zone 9	[683]:	___ / ___ Zone 25	[687]:	___ / ___ Zone 41
	___ / ___ Zone 10		___ / ___ Zone 26		___ / ___ Zone 42
	___ / ___ Zone 11		___ / ___ Zone 27		___ / ___ Zone 43
	___ / ___ Zone 12		___ / ___ Zone 28		___ / ___ Zone 44
[680]:	___ / ___ Zone 13	[684]:	___ / ___ Zone 29	[688]:	___ / ___ Zone 45
	___ / ___ Zone 14		___ / ___ Zone 30		___ / ___ Zone 46
	___ / ___ Zone 15		___ / ___ Zone 31		___ / ___ Zone 47
	___ / ___ Zone 16		___ / ___ Zone 32		___ / ___ Zone 48

SPECIAL TAMPER REPORT CODES

[689]:	___ / ___ Keypad Lock Out
	___ / ___ N/A
	___ / ___ N/A
	___ / ___ N/A

SYSTEM TROUBLE REPORT CODES

[690]:	___ / ___ N/A	[692]:	___ / ___ Bus Fault	[694]:	___ / ___ Module auxiliary failure
	___ / ___ AC Failure		___ / ___ Module tamper		___ / ___ Low battery wireless tx.
	___ / ___ Battery Failure		___ / ___ Module ROM check		___ / ___ Wireless transmitter
	(disconnect or low)		error		supervision trouble
	___ / ___ Auxiliary Supply		___ / ___ Module TLM Fail		___ / ___ N/A
[691]:	___ / ___ Bell Output(disconnect	[693]:	___ / ___ Module fail to com.	[695]:	___ / ___ Tel# 1 fail to com.
	or overload)		___ / ___ Printer fault		___ / ___ Tel# 2 fail to com.
	___ / ___ Timer Loss		___ / ___ Module AC failure		___ / ___ Tel# 3 fail to com.
	___ / ___ Fire Loop Trbl.		___ / ___ Module battery failure		___ / ___ Tel# 4 fail to com.
	___ / ___ N/A				

SYSTEM TROUBLE RESTORE REPORT CODES

[696]:	___ / ___ TLM restore	[698]:	___ / ___ Bus fault restore	[700]:	___ / ___ Module aux. restore
	___ / ___ AC restore		___ / ___ Module tamper restore		___ / ___ Wireless transmitter
	___ / ___ Battery failure restore		___ / ___ Module ROM check		battery restore
	(disconnect or low)		error restore		___ / ___ Wireless transmitter
	___ / ___ Aux. supply restore		___ / ___ Module TLM restore		supervision restore
					___ / ___ N/A
[697]:	___ / ___ Bell output (disconnect	[699]:	___ / ___ N/A		
	or overload) restore		___ / ___ Printer fault restore		
	___ / ___ Timer programmed		___ / ___ Module AC restore		
	___ / ___ Fire loop restore		___ / ___ Module battery restore		
	___ / ___ N/A				

SPECIAL REPORT CODES

[701]:	☐ / ☐ Cold start (sys. shutdown)	[702]:	☐ / ☐ N/A
	☐ / ☐ Warm start (sys. reset)		☐ / ☐ PC access finished
	☐ / ☐ Test report		☐ / ☐ Installer in
	☐ / ☐ N/A		☐ / ☐ Installer out

AUTOMATIC REPORT CODE PROGRAMMING

When using either the Contact ID or SIA Reporting formats (see section [550] on page 27), the Digiplex system can automatically program a set of default report codes. From programming mode (see page 2) enter any of the following sections to set the indicated default report codes:

[790] - ALL CODES

Sets all report codes in sections [600] to [702] with the default values from the "Automatic Report Codes List" on the next page.

[791] - ARMING & DISARMING CODES

Sets all report codes in sections [600] to [638] with the default values from the "Automatic Report Codes List" on the next page.

[792] - ALARM & ALARM RESTORE CODES

Sets all report codes in sections [639] to [664] with the default values from the "Automatic Report Codes List" on the next page.

[793] - TAMPER & TAMPER RESTORE CODES

Sets all report codes in sections [665] to [689] with the default values from the "Automatic Report Codes List" on the next page.

[794] - TROUBLE & TROUBLE RESTORE CODES

Sets all report codes in sections [690] to [700] with the default values from the "Automatic Report Codes List" on the next page.

[795] - SPECIAL CODES

Sets all report codes in sections [701] to [702] with the default values from the "Automatic Report Codes List" on the next page.

NOTE: After automatic report codes have been set, you can still manually program the remaining report codes or change some of the defaults.

AUTOMATIC REPORT CODE LIST

System Event	Default Contact ID Report Code when using sections [790] to [795]	Default SIA Report Code when using sections [790] to [795]
Arming with Master Code (##)	3 4A1 - Close by user	CL - Closing Report
Arming with User Code (##)	3 4A1 - Close by user	CL - Closing Report
Arming with Keyswitch (##)	3 4A9 - Keyswitch Close	CS - Closing Keyswitch
Auto Arming	3 4A3 - Automatic Close	CA - Automatic Closing
Arm with PC software	3 4A7 - Remote arm/disarm	CL - Closing Report
Late To Close	3 4A4 - Late to Close	OT - Late to Close
No Movement	3 4A4 - Late to Close	NA - No Activity
Partial arming	1 574 - Group bypass	CG - Close Area
Quick arming	3 408 - Quick arm	CL - Closing Report
Disarm with Master Code (##)	1 4A1 - Open by user	OP - Opening Report
Disarm with User Code (##)	1 4A1 - Open by user	OP - Opening Report
Disarm with Keyswitch (##)	1 4A9 - Keyswitch Open	OS - Opening Keyswitch
Disarm after alarm with Master Code (##)	1 4A1 - Open by user	OR - Disarm From Alarm
Disarm after alarm with User Code (##)	1 4A1 - Open by user	OR - Disarm From Alarm
Disarm after alarm with Keyswitch (##)	1 4A9 - Keyswitch Open	OS - Opening Keyswitch
Auto Arming Cancellation	1 4A5 - Deferred Open/Close	CE - Closing Extend
Disarm with PC software	1 4A7 - Remote arm/disarm	OP - Opening Report
Disarm after an alarm with PC software	1 4A7 - Remote arm/disarm	OR - Disarm From Alarm
Quick disarm	1 408 - Quick disarm	OP - Opening Report
Zone Bypassed (##)	1 57A - Zone bypass	UB - Untyped Zone Bypass
Zone alarm (##)	1 13A - Burglary Alarm	BA - Burglary Alarm
Fire alarm (##)	1 11A - Fire alarm	FA - Fire Alarm
Zone alarm restore (##)	3 13A - Burglary Alarm Restore	BH - Burglary Alarm Restore
Fire alarm restore (##)	3 11A - Fire alarm Restore	FH - Fire Alarm Restore
Panic 1 - Emergency	1 12A - Panic alarm	PA - Panic Alarm
Panic 2 - Medical	1 1AA - Medical alarm	MA - Medical Alarm
Panic 3 - Fire	1 115 - Pull Station	FA - Fire Alarm
Recent closing	3 4AA - Open/Close	CR - Recent Closing
Global zone shutdown	1 574 - Group bypass	CG - Close Area
Duress alarm	1 121 - Duress	HA - Holdup 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

System Event	Default Contact ID Report Code when using sections [790] to [795]	Default SIA Report Code when using sections [790] to [795]
Bell absent	1 321 - Bell 1	YA - Bell Fault
Clock lost	1 626 - Time/Date inaccurate	JT - Time Changed
Fire loop trouble	1 373 - Fire trouble	FT - Fire Trouble
TLM trouble restore	3 351 - Telco 1 fault restore	LR - Phone Line restoral
AC Failure restore	3 3A1 - AC loss restore	AR - AC Restoral
Battery Failure restore	3 3A9 - Battery test restore	YR - System Battery Restoral
Auxiliary supply trouble restore	3 3AA - System trouble restore	YQ - Power Supply restored
Bell output current limit restore	3 321 - Bell 1 restore	YH - Bell Restored
Bell absent restore	3 321 - Bell 1 restore	YH - Bell Restored
Clock programmed	3 625 - Time/Date Reset	JT - Time Changed
Fire loop trouble restore	3 373 - Fire trouble restore	FJ - Fire Trouble Restore
Bus fault	1 333 - Expansion module failure	ET - Expansion Trouble
Module tamper	1 145 - Expansion module tamper	TA - Tamper Alarm
Module ROM_RAM_error	1 3A4 - Rom checksum bad	YF - Parameter Checksum Fail
Module TLM trouble	1 352 - Telco 2 fault	LT - Phone Line trouble
Module fail to communicate to central sta.	1 354 - Fail to communicate	YC - Communication Fails
Printer fault	1 336 - Local printer failure	VT - Printer Trouble
Module AC Failure	1 3A1 - AC loss	AT - AC Trouble
Module battery failure	1 3A9 - Battery test failure	YT - System Battery Trouble
Module Auxiliary supply trouble	1 3AA - System trouble	YP - Power Supply Trouble
Bus fault restore	3 333 - Expansion module failure restore	ER - Expansion Restoral
Module tamper restore	3 145 - Expansion module tamper restore	TR - Tamper Restoral
Module ROM_RAM_error restore	3 3A4 - Rom checksum bad restore	YG - Parameter Changed
Module TLM restore	3 352 - Telco 2 fault restore	LR - Phone Line Restoral
Printer fault restore	3 336 - Local printer failure restore	VR - Printer Restore
Module AC restore	3 3A1 - AC loss restore	AR - AC Restoral
Module battery restore	3 3A9 - Battery test failure restore	YR - System Battery Restoral
Module Auxiliary supply restore	3 3AA - System trouble restore	YQ - Power Supply Restored
Fail to communicate with central station	1 354 - Fail to communicate	YC - Communication Fails
Module RF low battery	1 384 - RF transmitter low battery	XT - Transmitter Battery Trouble
Module RF battery restore	3 384 - RF transmitter battery restore	XR - Transmitter Battery Restoral
Module RF supervision trouble	1 381 - Loss of supervision - RF	US - Untype Zone Supervision
Module RF supervision restore	3 381 - Supervision restore - RF	UR - Untyped Zone Restoral
Cold Start	1 3A8 - System shutdown	RR - Power Up
Warm Start	1 3A5 - System reset	YW - Watchdog Reset
Test Report engaged	1 6A2 - Periodic test report	TX - Test Report
PC software communication finished	1 412 - Successful - download access	RS - Remote Program Success
Installer on site	1 627 - Program mode Entry	LB - Local Program
Installer programming finished	1 628 - Program mode Exit	LS - Local Program Success

CONTACT ID REPORT CODE LIST

If using the Ademco Contact ID format, key in the 2-digit hexadecimal value (PROG. VALUE) to program the desired report codes into sections [600] to [702].

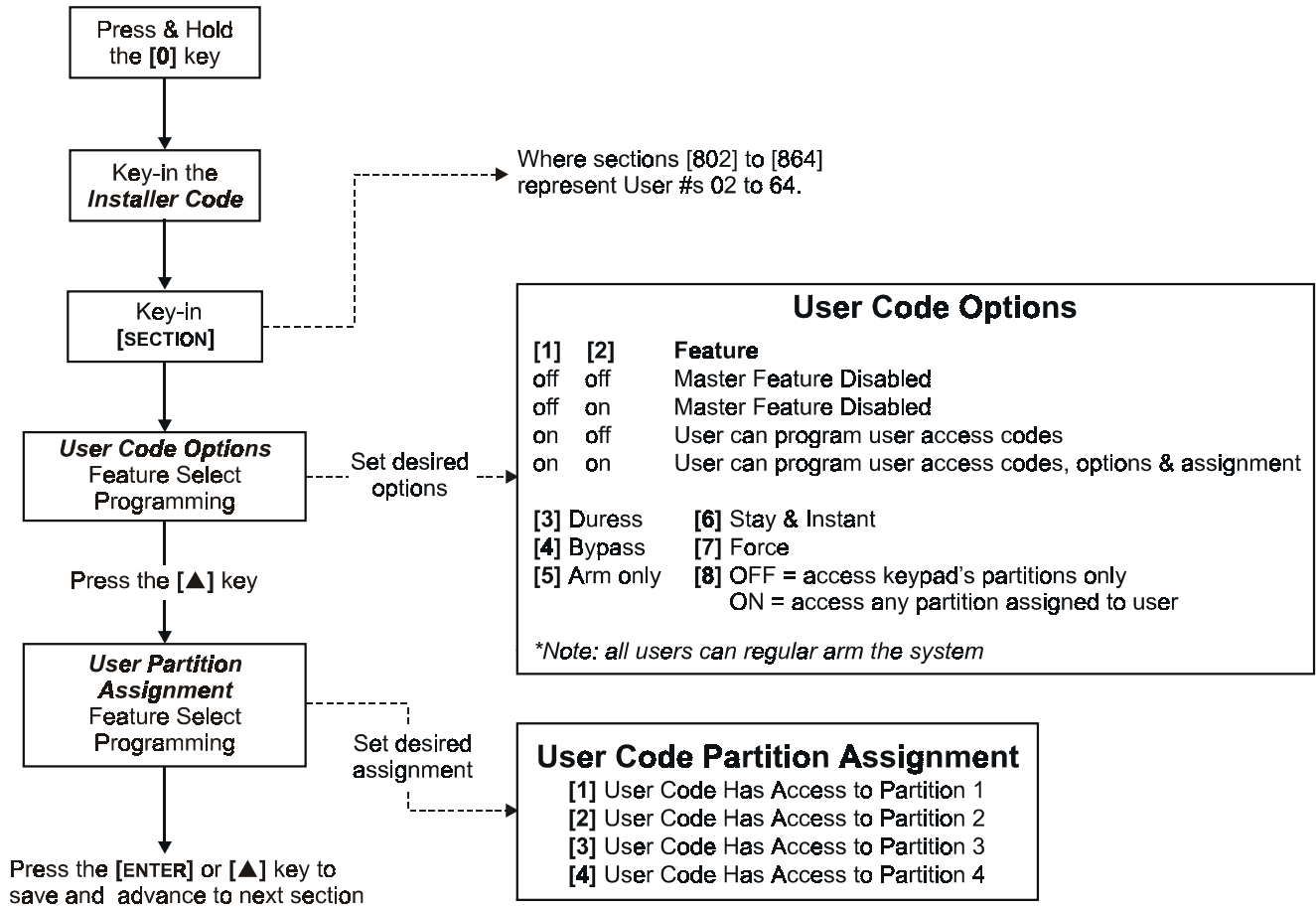
CID	REPORTING CODE	PROG. VALUE	CID	REPORTING CODE	PROG. VALUE	CID	REPORTING CODE	PROG. VALUE
100:	MEDICAL ALARM	01	203:	GATE VALVE SENSOR	2E	401:	OPEN/CLOSE BY USER	5B
101:	PENDANT TRANSMITTER	02	204:	LOW WATER LEVEL	2F	402:	GROUP OPEN/CLOSE	5C
102:	FAIL TO REPORT IN	03	205:	PUMP ACTIVATED	30	403:	AUTOMATIC OPEN/CLOSE	5D
110:	FIRE ALARM	04	206:	PUMP FAILURE	31	404:	LATE TO OPEN/CLOSE	5E
111:	SMOKE	05	300:	SYSTEM TROUBLE	32	405:	DEFERRED OPEN/CLOSE	5F
112:	COMBUSTION	06	301:	AC LOSS	33	406:	CANCEL	60
113:	WATER FLOW	07	302:	LOW SYSTEM BATTERY	34	407:	REMOTE ARM/DISARM	61
114:	HEAT	08	303:	RAM CHECKSUM BAD	35	408:	QUICK ARM	62
115:	PULL STATION	09	304:	ROM CHECKSUM BAD	36	409:	KEYSWITCH OPEN/CLOSE	63
116:	DUCT	0A	305:	SYSTEM RESET	37	411:	CALL BACK REQUEST MADE	64
117:	FLAME	0B	306:	PANEL PROGRAM CHANGED	38	412:	SUCCESSFUL DOWNLOAD ACCESS	65
118:	NEAR ALARM	0C	307:	SELF-TEST FAILURE	39	413:	UNSUCCESSFUL ACCESS	66
120:	PANIC ALARM	0D	308:	SYSTEM SHUTDOWN	3A	414:	SYSTEM SHUTDOWN	67
121:	DURESS	0E	309:	BATTERY TEST FAILURE	3B	415:	DIALER SHUTDOWN	68
122:	SILENT	0F	310:	GROUND FAULT	3C	421:	ACCESS DENIED	69
123:	AUDIBLE	10	320:	SOUNDER/RELAY	3D	422:	ACCESS REPORT BY USER	6A
130:	BURGLARY	11	321:	BELL 1	3E	520:	SOUNDER/RELAY DISABLE	6B
131:	PERIMETER	12	322:	BELL 2	3F	521:	BELL 1 DISABLE	6C
132:	INTERIOR	13	323:	ALARM RELAY	40	522:	BELL 2 DISABLE	6D
133:	24 HOUR	14	324:	TROUBLE RELAY	41	523:	ALARM RELAY DISABLE	6E
134:	ENTRY/EXIT	15	325:	REVERSING	42	524:	TROUBLE RELAY DISABLE	6F
135:	DAY/NIGHT	16	330:	SYSTEM PERIPHERAL	43	525:	REVERSING RELAY DISABLE	70
136:	OUTDOOR	17	331:	POLLING LOOP OPEN	44	551:	DIALER DISABLED	71
137:	TAMPER	18	332:	POLLING LOOP SHORT	45	552:	RADIO TRANSMITTER DISABLED	72
138:	NEAR ALARM	19	333:	EXPANSION MODULE FAILURE	46	570:	ZONE BYPASS	73
140:	GENERAL ALARM	1A	334:	REPEATER FAILURE	47	571:	FIRE BYPASS	74
141:	POLLING LOOP OPEN	1B	335:	LOCAL PRINTER PAPER OUT	48	572:	24 HOUR ZONE BYPASS	75
142:	POLLING LOOP SHORT	1C	336:	LOCAL PRINTER FAILURE	49	573:	BURGLARY BYPASS	76
143:	EXPANSION MODULE FAILURE	1D	350:	COMMUNICATION	4A	574:	GROUP BYPASS	77
144:	SENSOR TAMPER	1E	351:	TELCO 1 FAULT	4B	601:	MANUAL TRIGGER TEST	78
145:	EXPANSION MODULE TAMPER	1F	352:	TELCO 2 FAULT	4C	602:	PERIODIC TEST REPORT	79
150:	24 HOUR NON-BURGLARY	20	353:	LONG RANGE RADIO	4D	603:	PERIODIC RF TRANSMISSION	7A
151:	GAS DETECTED	21	354:	FAIL TO COMMUNICATE	4E	604:	FIRE TEST	7B
152:	REFRIGERATION	22	355:	LOSS OF RADIO SUPERVISION	4F	605:	STATUS REPORT TO FOLLOW	7C
153:	LOSS OF HEAT	23	356:	LOSS OF CENTRAL POLLING	50	606:	LISTEN-IN TO FOLLOW	7D
154:	WATER LEAKAGE	24	370:	PROTECTION LOOP	51	607:	WALK TEST MODE	7E
155:	FOIL BREAK	25	371:	PROTECTION LOOP OPEN	52	621:	EVENT LOG RESET	7F
156:	DAY TROUBLE	26	372:	PROTECTION LOOP SHORT	53	622:	EVENT LOG 50% FULL	80
157:	LOW BOTTLED GAS LEVEL	27	373:	FIRE TROUBLE	54	623:	EVENT LOG 90% FULL	81
158:	HIGH TEMPERATURE	28	380:	SENSOR TROUBLE	55	624:	EVENT LOG OVERFLOW	82
159:	LOW TEMPERATURE	29	381:	LOSS OF SUPERVISION RF	56	625:	TIME/DATE RESET	83
161:	LOSS OF AIR FLOW	2A	382:	LOSS OF SUPERVISION RPM	57	626:	TIME/DATE INACCURATE	84
200:	FIRE SUPERVISORY	2B	383:	SENSOR TAMPER	58	627:	PROGRAM MODE ENTRY	85
201:	LOW WATER PRESSURE	2C	384:	RF TRANSMITTER LOW BATTERY	59	628:	PROGRAM MODE EXIT	86
202:	LOW CO2	2D	400:	OPEN/CLOSE	5A	631:	EXCEPTION SCHEDULE CHANGE	87
							INSTALLER CODE	

Other Settings and Modes

Section #	Data	Description	Default Value (notes)
[800]	___/___/___/___/___/___	INSTALLER CODE	000000
[801]	___/___/___ (147=lock, 000=unlock)	LOCK INSTALLER CODE	000

[802] to [864]

Program User Code Options and Partition Assignment for users 002 to 064. Please note that these parameters can also be programmed by certain users.



Section # Description

- [950] **Reset System Master Code** to 123456
- [951] **Module Reset:** Reset a bus module's programmed contents to default by entering its serial number.
- [952] **Locate/Unlocate Module:** Locate a specific module (e.g. detector, zone expander, etc.) connected to the bus by entering the module's serial number. The green "LOCATE" LED on the module will begin to flash until the serial number is re-entered or the appropriate "tamper" or "unlocate" switch on the module is pressed.
- [953] **Module Programming Mode:** Enter the serial number of the module you wish to program.
- [954] **Module Broadcast:** Copy the contents of all programming sections from one module to one or more modules. Enter the serial number of the source module, followed by the serial numbers of the destination modules you wish to program and press [ACC] to begin transfer.

Section #	Description
[955]	Remove Modules: After entering the section, the control panel will scan all modules connected to the DIGI-BUS displaying their serial numbers on the keypad's LCD screen. If any missing modules are detected (i.e. detector removed from the bus) during this scan, the control panel will erase the module's serial number, removing the module from the control panel's memory.

SOFTWARE RESET

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

- 1) Make sure the "RESET" jumper on the control panel is on.
- 2) Enter Programming Mode (see section 3.2).
- 3) Enter the 3-digit [SECTION] corresponding to the software reset you wish to perform:

Section #	Description
[970]	Entering this section will reset all programmable sections from [001] to [990] to factory default values.
[975]	Entering this section will reset all Zone and Keyswitch programming sections from [001] to [156] to default.
[976]	Entering this section will reset all programmable timers in sections [200] to [274] to default values.
[977]	Entering this section will reset all PGM and option sections from [400] to [522] to default values.
[978]	Entering this section will reset all communication sections from [523] to [702] to default values.
[979]	Entering this section will reset all user code sections from [802] to [864] to default values.

INSTALLER QUICK FUNCTION KEYS

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

[STAY] - *Test Report:* Sends the "Test Report" report code programmed in section [701] to the central station.

[FORCE] - *Call Upload/Download Software:* Will dial the PC telephone number programmed in section [560] in order to initiate communication with a computer using the Paradox Upload/Download software.

[ARM] - *Answer Upload/Download Software:* Will force the control panel to answer a call made by the Central Monitoring Station that is using the Upload/download software.

[DISARM] - *Cancel Communication:* Cancels all communication with the Upload/Download Software or with the Central Station until the next reportable event.

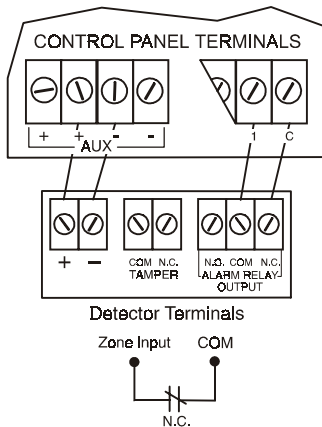
[MEM] - *Installer Test Mode:* The installer test mode will allow you to perform walk tests where the bell or siren will squawk to indicate opened zones. Press [MEM] again to exit. Partitions can not be armed if the Installer Test Mode is enabled.

[TRBL] - *Start Module Scan:* The keypad will display the serial number of each module on the bus.

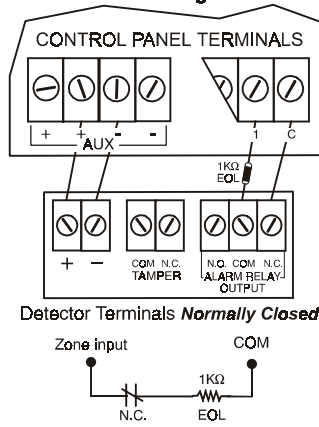
Hardware Connections

SINGLE ZONE INPUTS

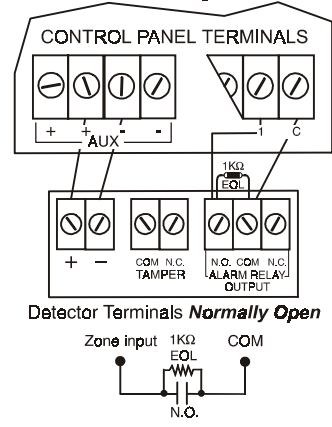
N.C. Contacts, No EOL



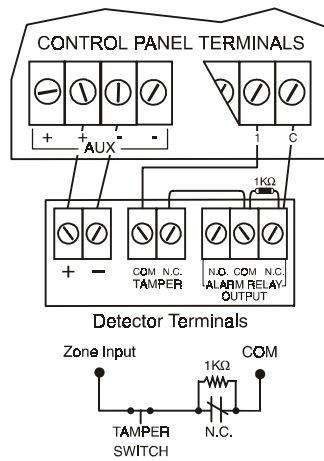
**N.C., With EOL
UL/ULC Configuration**



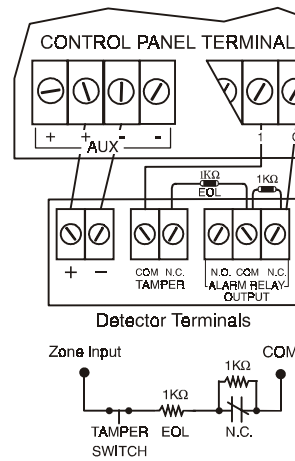
**N.O., With EOL
UL/ULC Configuration**



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

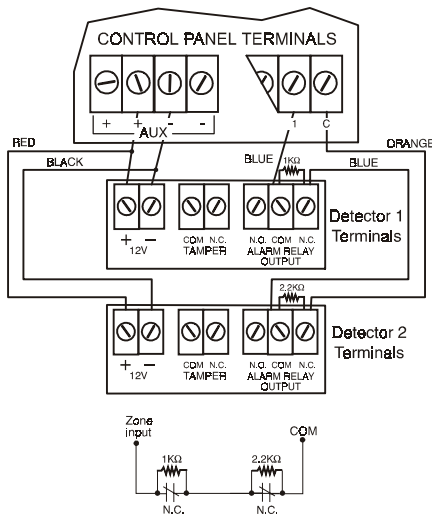


**N.C., With EOL, With Tamper &
Wire Fault Recognition (UL/ULC)**

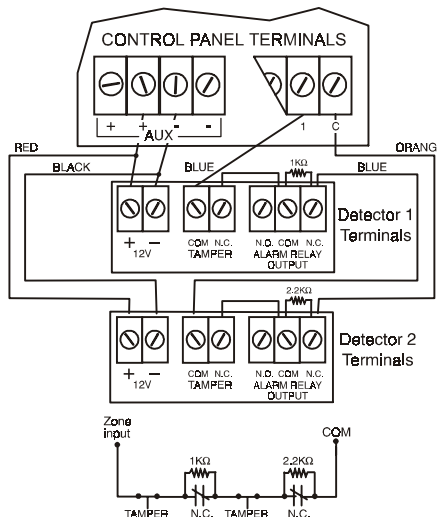


ATZ - DOUBLE ZONE INPUTS

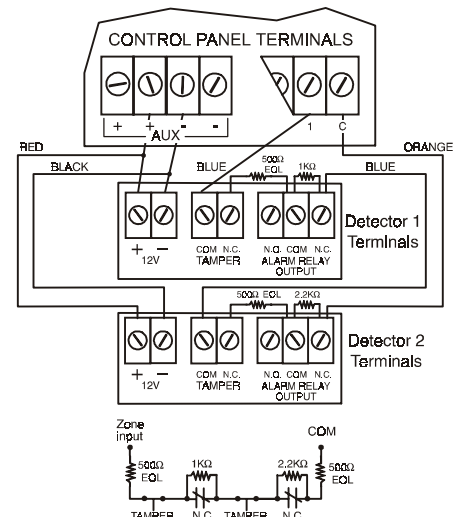
**N.C. Contact,
No EOL Resistor**



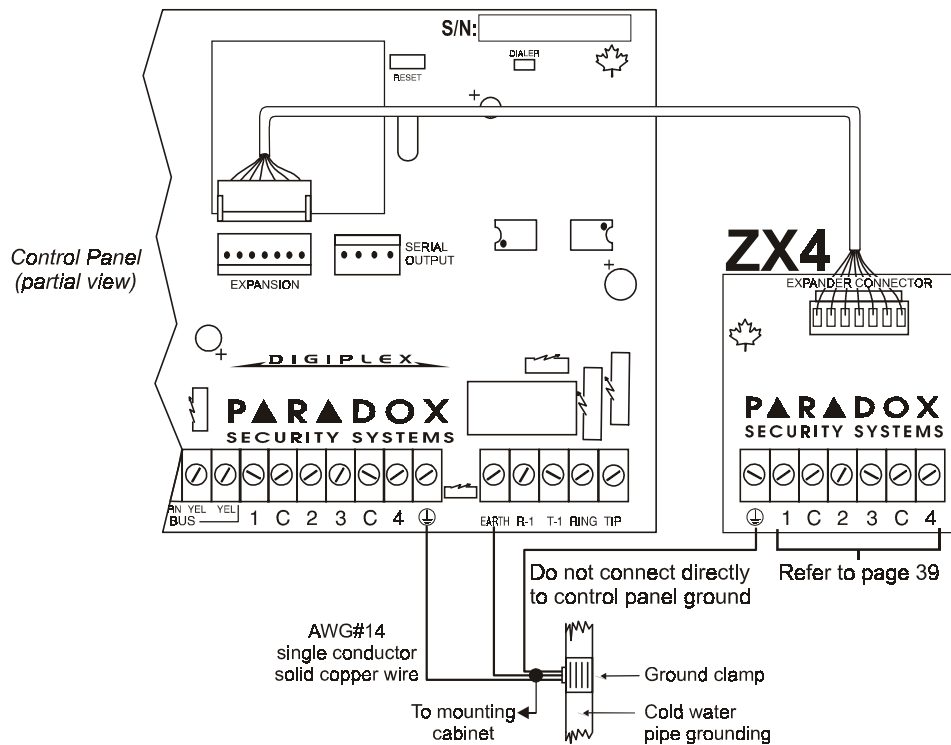
**N.C. Contact, No EOL,
With Tamper Recognition**



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



CONNECTING A ZX4 EXPANDER MODULE



For the purposes of *Zone Programming*, the control panel recognizes the ZX4's inputs as follows:

NO ATZ:

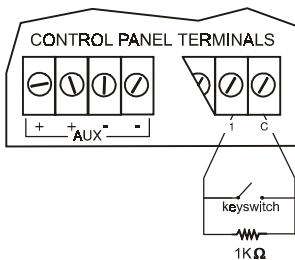
ZX4 Input 1 = Input 009
 ZX4 Input 2 = Input 010
 ZX4 Input 3 = Input 011
 ZX4 Input 4 = Input 012

ATZ Enabled:

ZX4 Input 1 = Input 009 & 013
 ZX4 Input 2 = Input 010 & 014
 ZX4 Input 3 = Input 011 & 015
 ZX4 Input 4 = Input 012 & 016

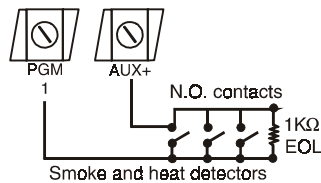
FIRE ZONE, KEYSWITCH AND PGM CONNECTIONS

Keyswitch Connections



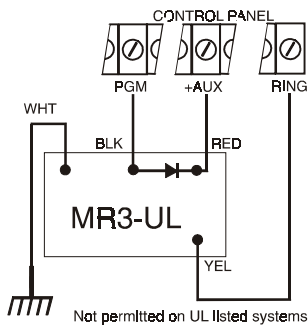
2-Wire Smoke Detector Input

Option [7] in section [502] must be enabled
 PGM 1 becomes control panel input #255

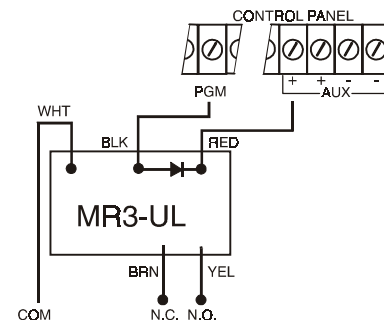


When using ESL smoke detectors with the CleanMe™ feature, do not connect more than 20 detectors in parallel.

PGM: Ground Start Circuit

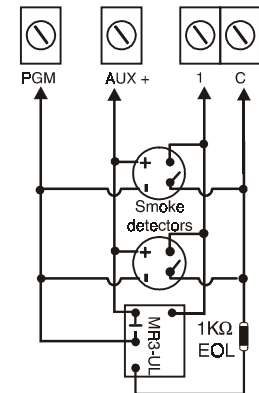


PGM: Relay Output



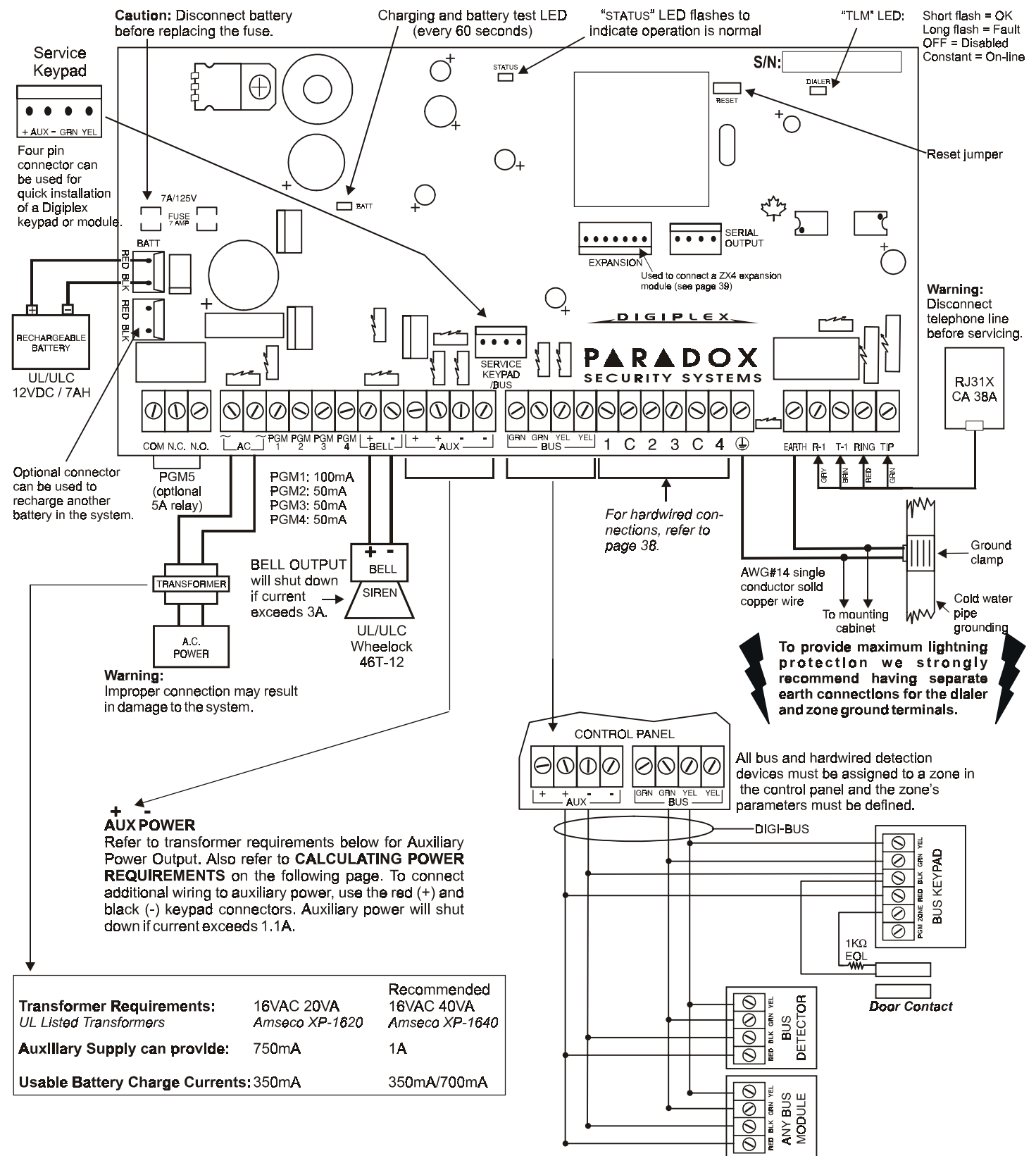
Fire Zones - UL/ULC Installation

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 005 can not be used as a zone).

DIGIPLEX PCB LAYOUT



The DIGI-BUS supports a maximum of 95 modules. The final module on the communication bus should not be more than 3000 feet from the control panel. Although external power supplies can be used to provide power to modules connected far from the control panel.

Before adding any bus module to the control panel make sure you shutdown the panel by removing AC and the battery.

CALCULATING POWER REQUIREMENTS FOR THE SYSTEM

STEP 1: Using the table below calculate the total number of power units (PU) required by each device, module and accessory in the system.

Table 1: Power unit consumption table

Description	QTY.	PU used by each	Total PU
LCD Keypads (DGP-641):	_____	X 80PU =	_____ PU
LED Keypads (DGP-610/620/648):	_____	X 45PU =	_____ PU
Bus Detectors (DGP-25/60/70):	_____	X 25PU =	_____ PU
Zone Expander Modules (DGP-ZX8):	_____	X 40PU =	_____ PU
Liberator Wireless Modules (DGP-319):	_____	X 70PU =	_____ PU
Other devices such as hardwired motions detectors (1mA=1PU)			_____ PU

NOTE: Please take into account devices connected the control panel's PGM outputs. Do not include sirens connected to the BELL output as it has its own power supply.

TOTAL → **A: _____ PU**

B:

Total available power units using a control panel with a **20VA** transformer. = 750PU

Total available power units using a control panel with a **40VA** transformer. = 1000PU

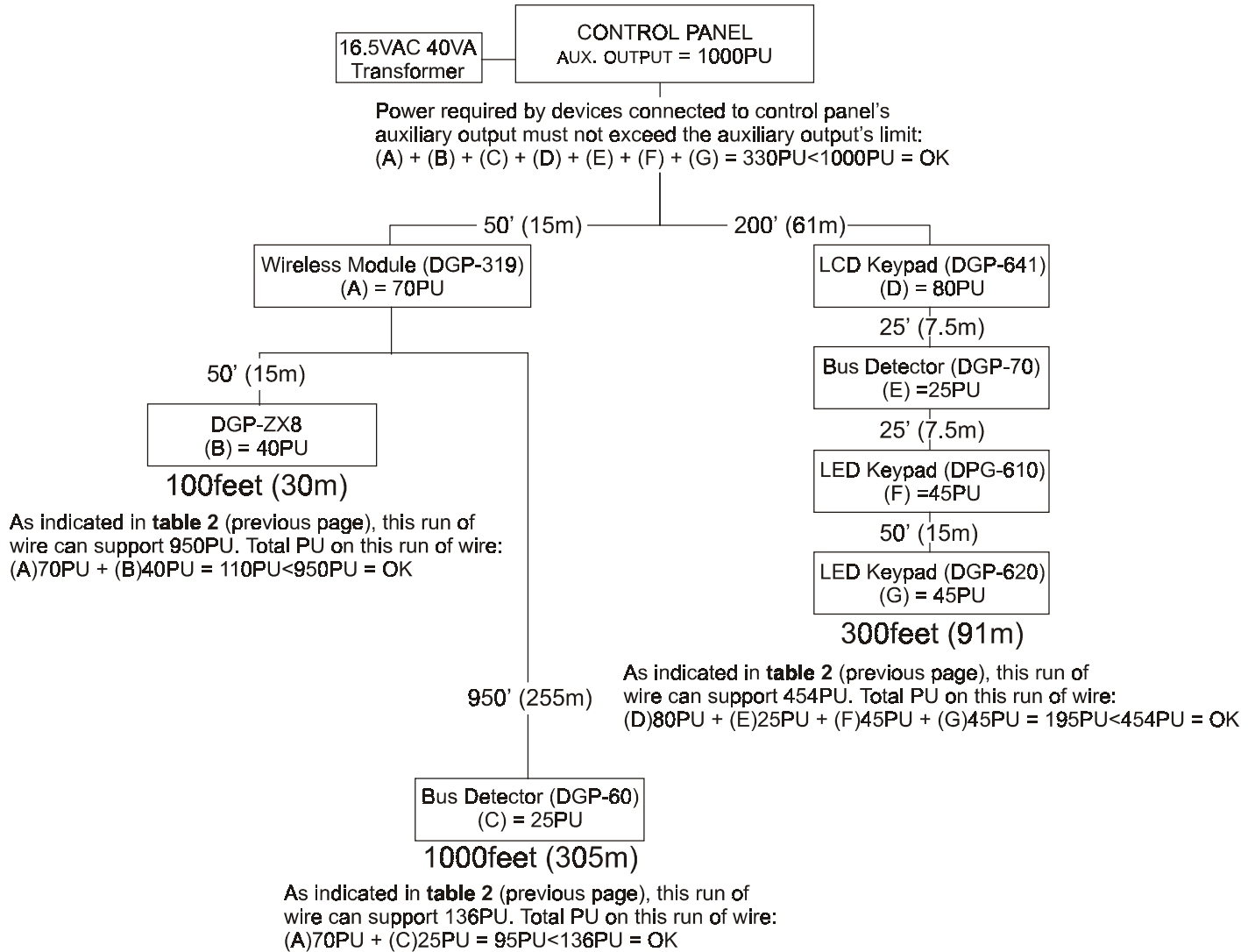
STEP 2: If the value recorded in box "A" is less than the value derived from box "B", go to step 3. If the value is greater, you will require an external power supply (see figure B on the following page) to provide the additional power needed. Proceed with step 3 and refer to the examples on the following page.

STEP 3: Due to the degradation of a power signal over long distances, **EACH** length or run of wire in the system can support only a specific number of power units. Using the table below, determine how many power units each length of wire can support. **Please note the total number of power units required by the devices in the system can never surpass the value derived from box "B".**

Table 2: Power unit limitations for each run of wire

Gauge: 18 AWG Surface: 0.823 mm ²		Gauge: 22 AWG Surface: 0.326 mm ²		Gauge: 24 AWG Surface: 0.205 mm ²	
Total Length of each run of wire	Available Power Units (PU)	Total Length of each run of wire	Available Power Units (PU)	Total Length of each run of wire	Available Power Units (PU)
100ft. (30m)	950	100ft. (30m)	950	100ft. (30m)	857
200ft. (61m)	950	200ft. (61m)	682	200ft. (61m)	429
300ft. (91m)	950	300ft. (91m)	454	300ft. (91m)	286
400ft. (122m)	862	400ft. (122m)	341	400ft. (122m)	214
500ft. (152m)	690	500ft. (152m)	273	500ft. (152m)	171
600ft. (183m)	575	600ft. (183m)	227	600ft. (183m)	143
700ft. (213m)	493	700ft. (213m)	195	700ft. (213m)	122
800ft. (244m)	431	800ft. (244m)	170	800ft. (244m)	107
900ft. (274m)	383	900ft. (274m)	151	900ft. (274m)	95
1000ft. (305m)	345	1000ft. (305m)	136	1000ft. (305m)	86
1500ft. (457m)	230	1500ft. (457m)	91	1500ft. (457m)	57
2000ft. (610m)	172	2000ft. (610m)	68	2000ft. (610m)	43
2500ft. (762m)	138	2500ft. (762m)	55	2500ft. (762m)	34
3000ft. (914m)	115	3000ft. (914m)	45	3000ft. (914m)	29

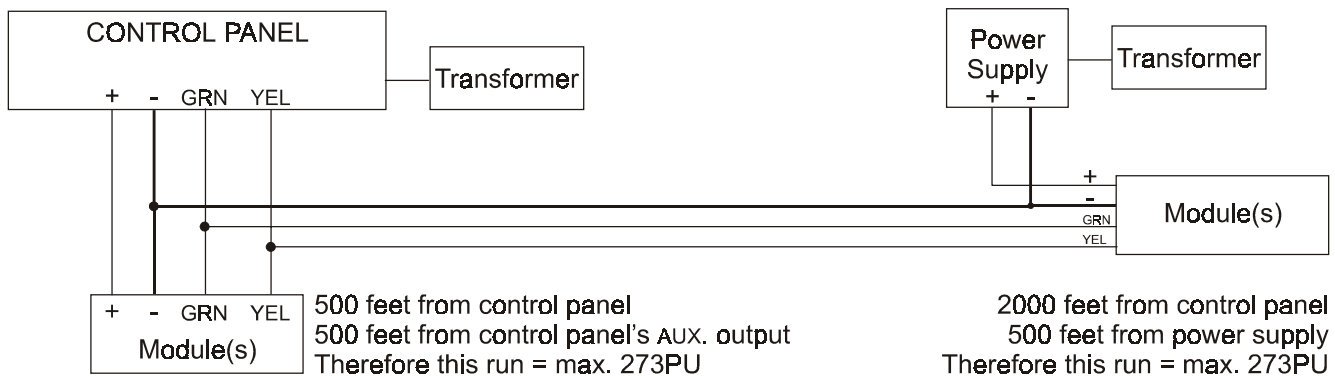
FIGURE A: SAMPLE CALCULATIONS FOR AUXILIARY OUTPUT AND WIRE LIMITS



If you were to add an LCD keypad (80PU) to the 100 foot or 300 foot wire length you would not exceed the wire's limit. Adding the LCD keypad to the 1000 foot wire length would exceed the wire's limits, thereby causing devices to function at decreased capacity.

FIGURE B: POWER SUPPLY CONNECTIONS

Power units required by devices connected to a power supply do not draw power from the control panel's auxiliary output.



WARNING: Do not use the same transformer for the control panel and the external power supplies. Modules should never be installed more than 3000feet (914m) from the control panel.

P **▲** **R** **▲** **D** **O** **X**[®]
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