DIGIPLEX™

CE UL LISTED

Digiplex System V2.0

Made in CANADA

Programming Guide

PARADOX 1989 10th ANNIVERSARY 1999

PARADOX®
SECURITY SYSTEMS

Table of Contents

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. You can also copy the programmed contents of one Digiplex control panel into the *Paradox Memory Card*. Then copy the contents of the *Paradox Memory Card* into as many Digiplex control panels as you need. Each control panel is programmed in less than 5 seconds. For more information refer to "Paradox Memory Card" on page 37.

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 **[▲]** 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 1KΩ 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

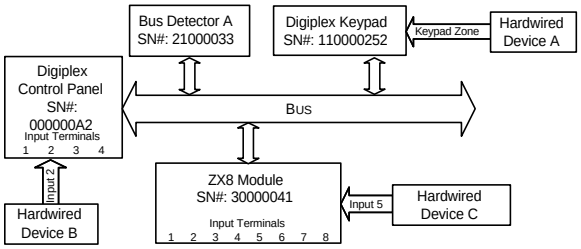
All modules connected to the control panel's communication bus have an 8-digit serial number. Remove the extra serial number sticker from the modules' PC board and affix in the appropriate spaces provided below (Max. 95 Bus Modules).

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#	Section#	Serial#	Input#
Bus Detector A:	1 =	[001]	21000033	N/A
Hardwired Device A:	2 =	[002]	11000252	N/A
Hardwired Device B:	3 =	[003]	000000A2	002
Hardwired Device C:	4 =	[004]	30000041	005

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 the *Bus Module* to which the hardwired detection device is connected. ***NOTE:*** *No input number is required for Bus Detectors or Keypad Zones.*

Enter 8-digit **[SERIAL NUMBER]** of the *Bus Detector* or *Bus Module* to which hardwired the 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

0- Disabled (Default)
1- Entry Delay 1
2- Entry Delay 2
3- Entry Delay 3
4- Entry Delay 4
5- Follow
6- Instant
7- 24Hr Buzzer
8- 24Hr Burglary
9- Delayed 24Hr Fire
A- Standard 24Hr Fire
B- Stay Delay 1
C- Stay Delay 2
D- Stay Delay 3
E- Stay Delay 4

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 Options

[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	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 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.

Keyswitch Partition Assignment

1- Keyswitch Assigned to Partition 1
2- Keyswitch Assigned to Partition 2
3- Keyswitch Assigned to Partition 3
4- Keyswitch Assigned to Partition 4

Keyswitch Definitions

1- Momentary Keyswitch
2- Maintained Keyswitch

Keyswitch Options

[5] On = Arm Only
Off = Arm/Disarm

[6] *Stay Arming
[7] *Force Arming
[8] *Instant Arming

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

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

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 sytstem (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
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		OFF	ON
[1]&**[2]**	**Wireless Transmitter Supervision Options** [1] | [2] **OFF | OFF — Disabled (Default)** ON | OFF — When disarmed: GENERATES TROUBLE ONLY; When armed: Follows zone's *Alarm Types* (page 6) OFF | ON — When disarmed: GENERATES SILENT ALARM; When armed: Follows zone's *Alarm Types* (page 6) ON | ON — When disarmed: GENERATES AUDIBLE ALARM; When armed: Follows zone's *Alarm Types* (page 6)	☐ see table ☐ see table	☐ see table ☐ see table
[3]	*Generate Supervision Failure if detected on a Bypassed Wireless Zone*	☐ **Yes**	☐ No
[4]	*Restrict Arming on Wireless Transmitter Supervision Failure*	☐ **Disabled**	☐ Enabled
[5]&**[6]**	**Tamper Recognition Options** [5] | [6] **OFF | OFF — Disabled (Default)** ON | OFF — When disarmed: GENERATES TROUBLE ONLY; When armed: Follows zone's *Alarm Types* (page 6) OFF | ON — When disarmed: GENERATES SILENT ALARM; When armed: Follows zone's *Alarm Types* (page 6) ON | ON — When disarmed: GENERATES AUDIBLE ALARM; When armed: Follows zone's *Alarm Types* (page 6)	☐ see table ☐ see table	☐ see table ☐ see table
[7]	*Generate Tamper if detected on Bypassed Zone*	☐ Yes	☐ **No**
[8]	*Restrict Arming on Tamper Trouble*	☐ **Disabled**	☐ Enabled

Bold = Default setting

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

SECTION [506]: Partition 1 Options

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

SECTION [507]: Partition 1 Options

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

SECTION [508]: Partition 1 Options

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

Partition 2: Options

Bold = Default setting

SECTION [509]: Partition 2 Options

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

SECTION [510]: Partition 2 Options

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

SECTION [511]: Partition 2 Options

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

SECTION [512]: Partition 2 Options

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

Partition 3: Options

Bold = Default setting

SECTION [513]: Partition 3 Options

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

SECTION [514]: Partition 3 Options

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

SECTION [515]: Partition 3 Options

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

SECTION [516]: Partition 3 Options

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

Partition 4: Options

Bold = Default setting

SECTION [517]: Partition 4 Options

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

SECTION [518]: Partition 4 Options

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

SECTION [519]: Partition 4 Options

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

SECTION [520]: Partition 4 Options

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

Dialer Options

Bold = Default setting

SECTION [521]: Dialer Options

Option		OFF	ON
[1]&[2]	Telephone Line Monitoring (TLM) Options [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
[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]	*Call Back*	☐ **Disabled**	☐ Enabled
[2]	*Automatic Event Buffer Transmission*	☐ **Disabled**	☐ Enabled
[3]	*Hourly Test Transmission*	☐ **Disabled**	☐ Enabled
[4]	*Shabbath Feature*	☐ **Disabled**	☐ Enabled
[5]	*Future Use*	☐ **Disabled**	☐ Enabled
[6]	*Alternate Dial*	☐ **Disabled**	☐ Enabled
[7]	*Dial Tone Delay*	☐ Force dial if no dial tone	☐ **Hang-up if no dial tone**
[8]	*Report zone restore options*	☐ **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]	*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 [524]: ALARM AND ALARM RESTORE REPORT CODES (PARTITION 1)

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

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

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

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 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

Bold = Default setting

SECTION [535]: SYSTEM TROUBLES AND TROUBLE RESTORES

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 [536]: SPECIAL REPORTING

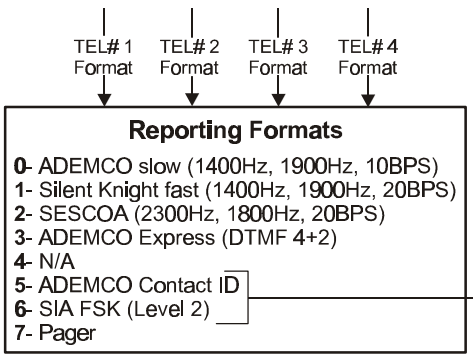
Option		OFF	ON
[1]	*Call Telephone Number 1 (see section [561])*	☐ Disabled	☐ **Enabled**
[2]	*Call Telephone Number 2 (see section [562])*	☐ **Disabled**	☐ Enabled
[3]	*Call Telephone Number 3 (see section [563])*	☐ **Disabled**	☐ Enabled
[4]	*Call Telephone Number 4 (see section [564])*	☐ **Disabled**	☐ 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

Communication Settings

Section # **Data (see table below)** **Description**

[550] ___ ___ ___ ___ REPORTING FORMATS FOR TELEPHONE NUMBERS 1 THROUGH 4



For information on *Automatic Report Code Programming*, refer to page 32.

Section # **Hexa Value (0-FFFF)** **Description**
If less than 4 digits press [ENTER]

[551] ___/ ___/ ___/ ___ PARTITION 1: ACCOUNT NUMBER

[552] ___/ ___/ ___/ ___ PARTITION 2: ACCOUNT NUMBER

[553] ___/ ___/ ___/ ___ PARTITION 3: ACCOUNT NUMBER

[554] ___/ ___/ ___/ ___ PARTITION 4: ACCOUNT NUMBER

IMPORTANT NOTE: Only the SIA format supports the use of the [0] = 0 digit in its account numbers. Account numbers using a reporting format other than SIA **do not** support the [0] = 0 digit. You must enter the [STAY] = A digit in its place. When using the SIA communication format, the control panel will only use Partition Account Number 1 in section [551], but the report code will include the partition number.

[555] ___/ ___/ ___/ ___ PANEL IDENTIFIER (FOR UP/DOWNLOAD SOFTWARE)

[556] ___/ ___/ ___/ ___ PC PASSWORD (FOR UP/DOWNLOAD SOFTWARE)

[560] __/__

PC TELEPHONE NUMBER FOR UPLOAD/DOWNLOAD SOFTWARE *(press [ENTER] if less than 32 digits)*

[561] __/__

CENTRAL STATION/PAGER TELEPHONE NUMBER 1*(press [ENTER] if less than 32 digits)*

[562] __/__

CENTRAL STATION/PAGER TELEPHONE NUMBER 2 *(press [ENTER] if less than 32 digits)*

[563] __/__

CENTRAL STATION/PAGER TELEPHONE NUMBER 3 *(press [ENTER] if less than 32 digits)*

[564] __/__

CENTRAL STATION/PAGER TELEPHONE NUMBER 4 *(press [ENTER] if less than 32 digits)*

Special Telephone Number Keys

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

Report Codes

Each section from [600] to [718] 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[616] to **[623]**: Future use

[624]: __ /__ Keyswitch 1
__ /__ Keyswitch 2
__ /__ Keyswitch 3
__ /__ Keyswitch 4

[625]: __ /__ Keyswitch 5
__ /__ Keyswitch 6
__ /__ Keyswitch 7
__ /__ Keyswitch 8

SPECIAL ARMING CODES

[626]: __ /__ Auto-Arming
__ /__ PC arming
__ /__ Late to close
__ /__ No Movement

[627]: __ /__ Partial Arming
__ /__ Quick Arming
__ /__ N/A
__ /__ N/A

DISARMING REPORT CODES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[644] to **[651]**: Future use

[652]: __ /__ Keyswitch 1
__ /__ Keyswitch 2
__ /__ Keyswitch 3
__ /__ Keyswitch 4

[653]: __ /__ Keyswitch 5
__ /__ Keyswitch 6
__ /__ Keyswitch 7
__ /__ Keyswitch 8

SPECIAL DISARMING CODES

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

ALARM REPORT CODES

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

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

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

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

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

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

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

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

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

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

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

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

ALARM RESTORE REPORT CODES

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

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

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

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

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

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

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

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

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

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

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

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

SPECIAL ALARM REPORT CODES

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

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

ZONE TAMPER REPORT CODES

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

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

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

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

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

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

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

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

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

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

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

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

ZONE TAMPER RESTORE REPORT CODES

[693]:
__ /__ Zone 1
__ /__ Zone 2
__ /__ Zone 3
__ /__ Zone 4

[694]:
__ /__ Zone 5
__ /__ Zone 6
__ /__ Zone 7
__ /__ Zone 8

[695]:
__ /__ Zone 9
__ /__ Zone 10
__ /__ Zone 11
__ /__ Zone 12

[696]:
__ /__ Zone 13
__ /__ Zone 14
__ /__ Zone 15
__ /__ Zone 16

[697]:
__ /__ Zone 17
__ /__ Zone 18
__ /__ Zone 19
__ /__ Zone 20

[698]:
__ /__ Zone 21
__ /__ Zone 22
__ /__ Zone 23
__ /__ Zone 24

[699]:
__ /__ Zone 25
__ /__ Zone 26
__ /__ Zone 27
__ /__ Zone 28

[700]:
__ /__ Zone 29
__ /__ Zone 30
__ /__ Zone 31
__ /__ Zone 32

[701]:
__ /__ Zone 33
__ /__ Zone 34
__ /__ Zone 35
__ /__ Zone 36

[702]:
__ /__ Zone 37
__ /__ Zone 38
__ /__ Zone 39
__ /__ Zone 40

[703]:
__ /__ Zone 41
__ /__ Zone 42
__ /__ Zone 43
__ /__ Zone 44

[704]:
__ /__ Zone 45
__ /__ Zone 46
__ /__ Zone 47
__ /__ Zone 48

SPECIAL TAMPER REPORT CODES

[705]:
__ /__ Keypad Lock Out
__ /__ N/A
__ /__ N/A
__ /__ N/A

SYSTEM TROUBLE REPORT CODES

[706]:
__ /__ N/A
__ /__ AC Failure
__ /__ Battery Failure (disconnect or low)
__ /__ Auxiliary Supply

[707]:
__ /__ Bell Output(disconnect or overload)
__ /__ Timer Loss
__ /__ Fire Loop Trbl.
__ /__ N/A

[708]:
__ /__ Bus Fault
__ /__ Module tamper
__ /__ Module ROM check error
__ /__ Module TLM Fail

[709]:
__ /__ Module fail to com.
__ /__ Printer fault
__ /__ Module AC failure
__ /__ Module battery failure

[710]:
__ /__ Module auxiliary failure
__ /__ Low battery wireless tx.
__ /__ Wireless transmitter supervision trouble
__ /__ N/A

[711]:
__ /__ Tel# 1 fail to com.
__ /__ Tel# 2 fail to com.
__ /__ Tel# 3 fail to com.
__ /__ Tel# 4 fail to com.

SYSTEM TROUBLE RESTORE REPORT CODES

[712]:
__ /__ TLM restore
__ /__ AC restore
__ /__ Battery failure restore (disconnect or low)
__ /__ Aux. supply restore

[713]:
__ /__ Bell output (disconnect or overload) restore
__ /__ Timer programmed
__ /__ Fire loop restore
__ /__ N/A

[714]:
__ /__ Bus fault restore
__ /__ Module tamper restore
__ /__ Module ROM check error restore
__ /__ Module TLM restore

[715]:
__ /__ N/A
__ /__ Printer fault restore
__ /__ Module AC restore
__ /__ Module battery restore

[716]:
__ /__ Module aux. restore
__ /__ Wireless transmitter battery restore
__ /__ Wireless transmitter supervision restore
__ /__ N/A

SPECIAL REPORT CODES

[717]: __ /__ Cold start (sys. shutdown)
__ /__ Warm start (sys. reset)
__ /__ Test report
__ /__ N/A

[718]: __ /__ N/A
__ /__ PC access finished
__ /__ Installer in
__ /__ 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 [718] 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 [654] 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 [655] to [680] 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 [681] to [705] 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 [706] to [716] with the default values from the "Automatic Report Codes List" on the next page.

[795] - SPECIAL CODES
Sets all report codes in sections [717] to [718] 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

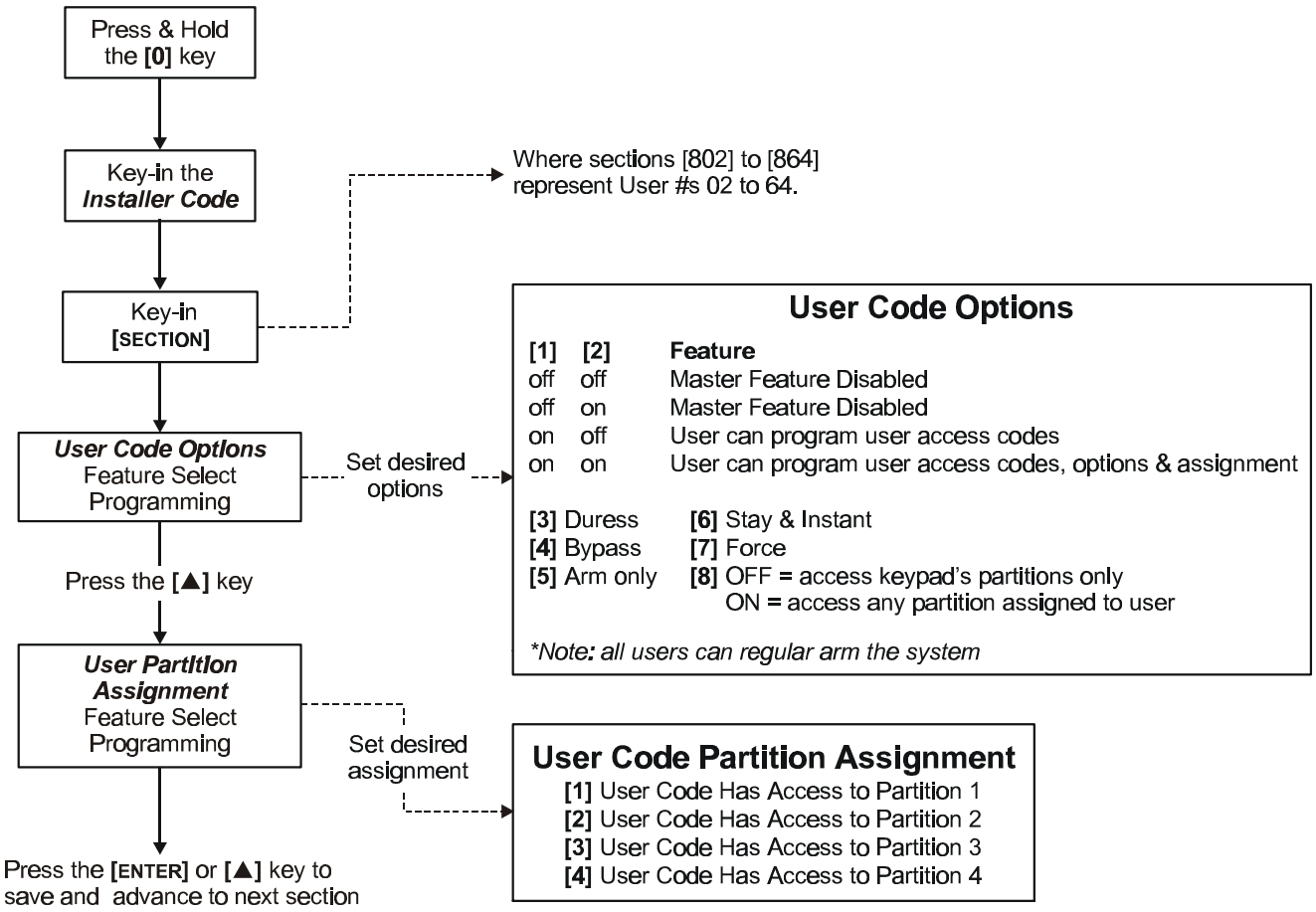
If using the Ademco Contact ID format, key in the 2-digit hexadecimal value (PROG. VALUE) to program the desired report codes into sections [600] to [718].

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

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

[900] ***Display Serial Number of Control Panel and All Modules Connected to the Bus:***
With the LCD Keypad: After entering section **[900]**, the keypad will display the eight digit serial number of the control panel. Use the **[▲]** and **[ ]** keys to scroll through the serial number of each module connected to the bus.
With the LED Keypads: After entering section **[900]**, the control panel's serial number will illuminate one number at a time as you press the **[▲]** key (**[10]** LED represents zero). The keypad will emit a confirmation beep to indicate that it is now displaying the serial number of the next module connected to the bus.

[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.

Section #	Description
[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.
[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.

PARADOX MEMORY CARD

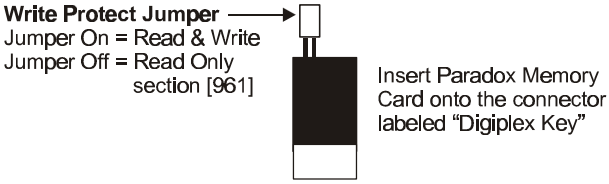
Copy the programmed contents of one Digiplex control panel into the *Paradox Memory Card*. Then copy the contents of the *Paradox Memory Card* into as many Digiplex control panels as you need. Each control panel is programmed in less than 5 seconds.

Download to DESTINATION Control Panel

1) Insert the *Memory Card* onto the connector labeled "DIGIPLEX KEY" of the Digiplex control panel to which you wish to download the contents of the memory card to.
2) Enter section **[961]**
3) When the keypad emits a "confirmation beep", **wait 10 seconds** and remove the *Memory Card*.

Copy to Memory Card from SOURCE Control Panel

1) Insert *Memory Card* onto the connector labeled "DIGIPLEX KEY" of the Digiplex control panel from which you wish to copy. Make sure the write protect jumper is on.
2) Enter section **[965]**
3) When the keypad emits a "confirmation beep", **wait 10 seconds** and remove the *Memory Card*. Remove the jumper if you do not wish to accidentally overwrite the contents of the card.



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 [718] 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 [717] to the central station.

[FORCE] - *Call Upload/Download Software:* Will dial the PC telephone number programmed in section [560] in order to initiate communication will 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.

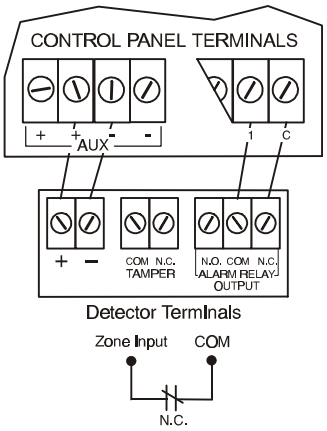
[DISARM] - *Cancel Communication:* Cancels all communication with the Upload/Download Software or with the Central Station until the next reportable event.

[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.

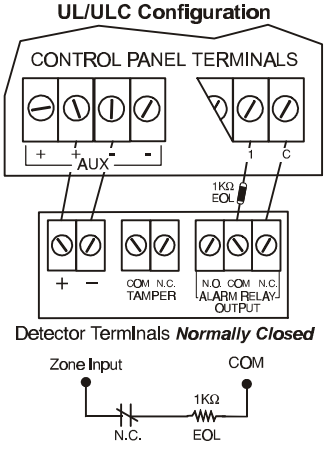
[TRBL] - *Start Module Scan:* The keypad will display the serial number of each module on the bus.

SINGLE ZONE INPUTS

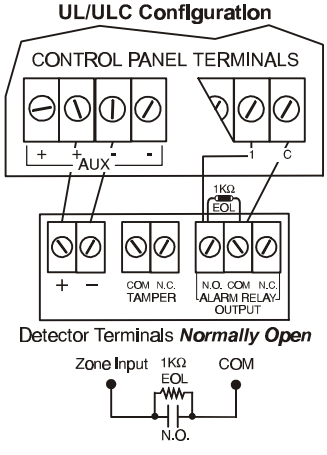
N.C. Contacts, No EOL



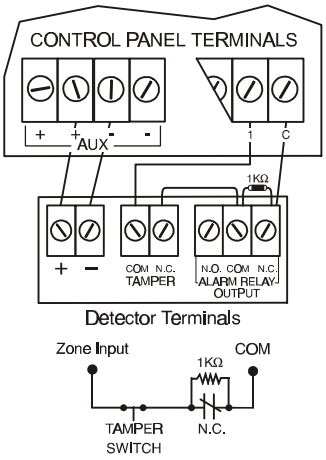
N.C., With EOL
UL/ULC Configuration



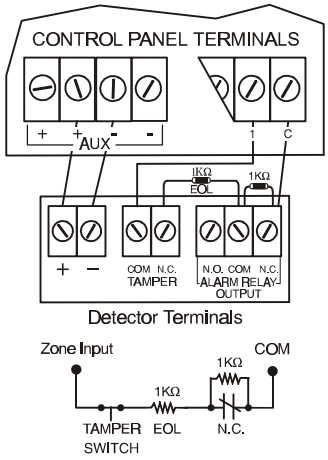
N.O., With EOL
UL/ULC Configuration



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

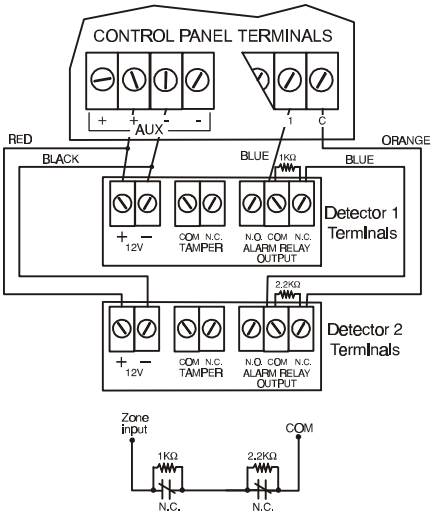


N.C., With EOL, With Tamper & Wire Fault Recognition (UL/ULC)

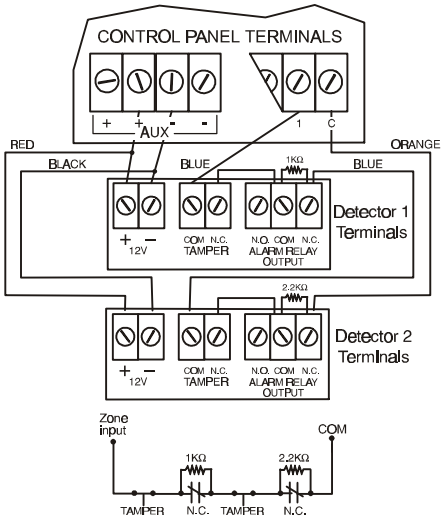


ATZ - DOUBLE ZONE INPUTS

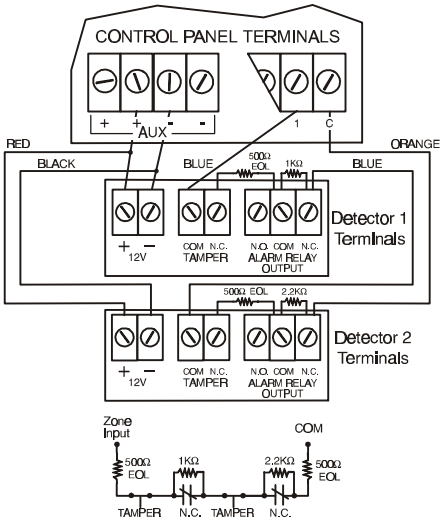
N.C. Contact, No EOL Resistor



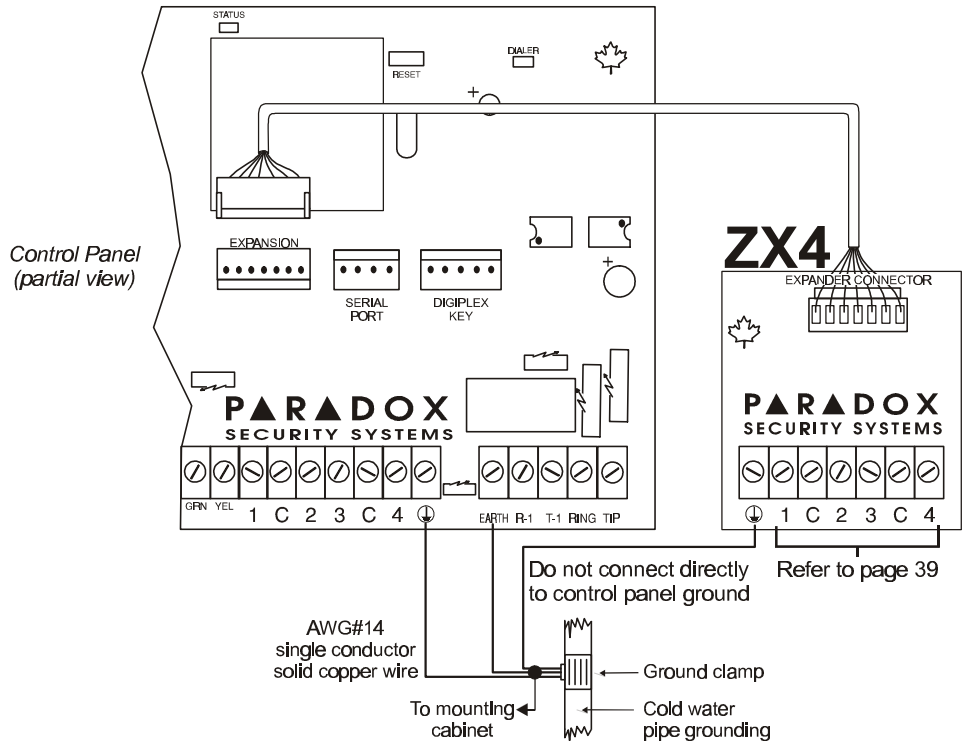
N.C. Contact, No EOL, With Tamper Recognition



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



CONNECTING A ZX4 EXPANDER MODULE



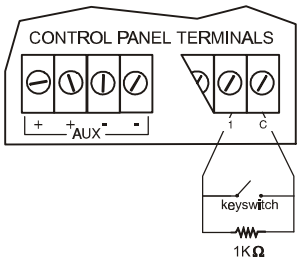
For the purposes of *Zone Programming*, the control panel recognizes the ZX4's inputs as follows:

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*

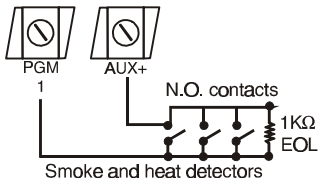
FIRE ZONE, KEYSWITCH AND PGM CONNECTIONS

Keyswitch Connections



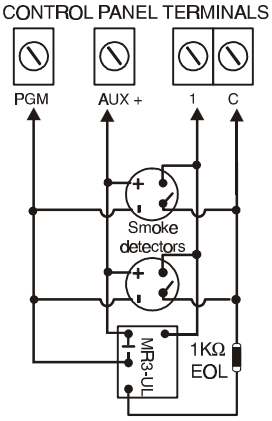
2-Wire Smoke Detector Input

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



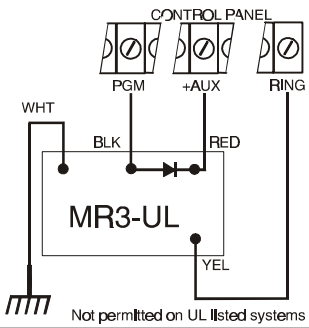
When using ESL smoke detectors with the CleanMe™ feature, do not connect more than 20 detectors in parallel.

Fire Zones - UL/ULC Installation

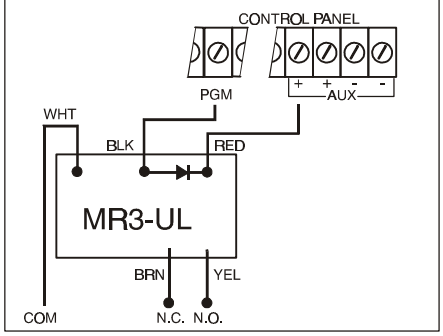


SINGLE FIRE ZONE CONNECTIONS ONLY
If the ATZ feature is enabled, do not use the extra input (i.e. in the above example, input 005 can not be used as a zone).

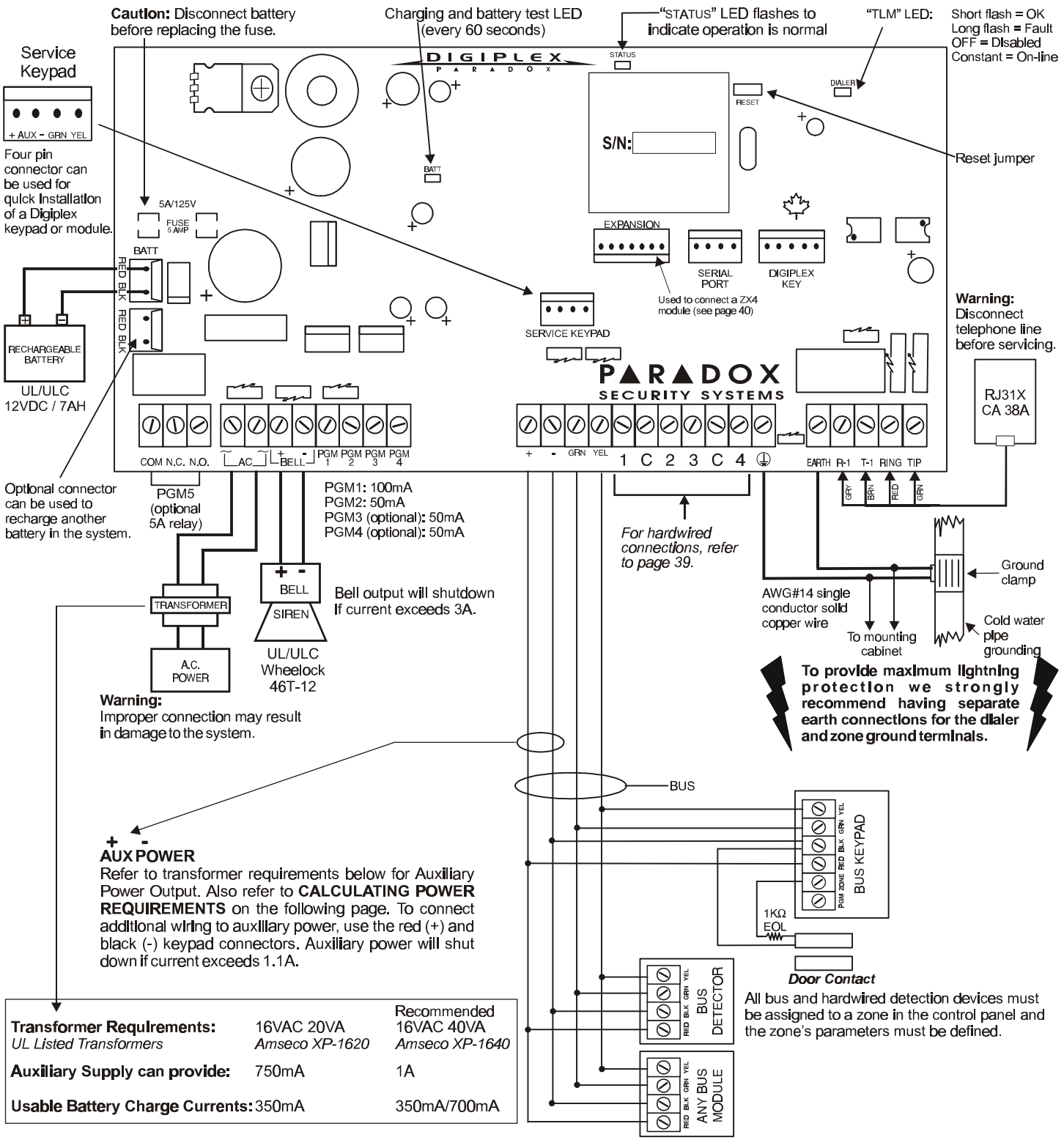
PGM: Ground Start Circuit



PGM: Relay Output



DIGIPLEX PCB LAYOUT



		Recommended
Transformer Requirements: *UL Listed Transformers*	16VAC 20VA *Amseco XP-1620*	16VAC 40VA *Amseco XP-1640*
Auxiliary Supply can provide:	750mA	1A
Usable Battery Charge Currents:	350mA	350mA/700mA

The BUS supports a maximum of 95 modules. Although external power supplies can be used to provide power to modules connected far from the control panel, the final module on the communication bus should not be more than 3000 feet (914m) away.

Before adding any bus module to the control panel make sure you shutdown the panel by removing AC power 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".**

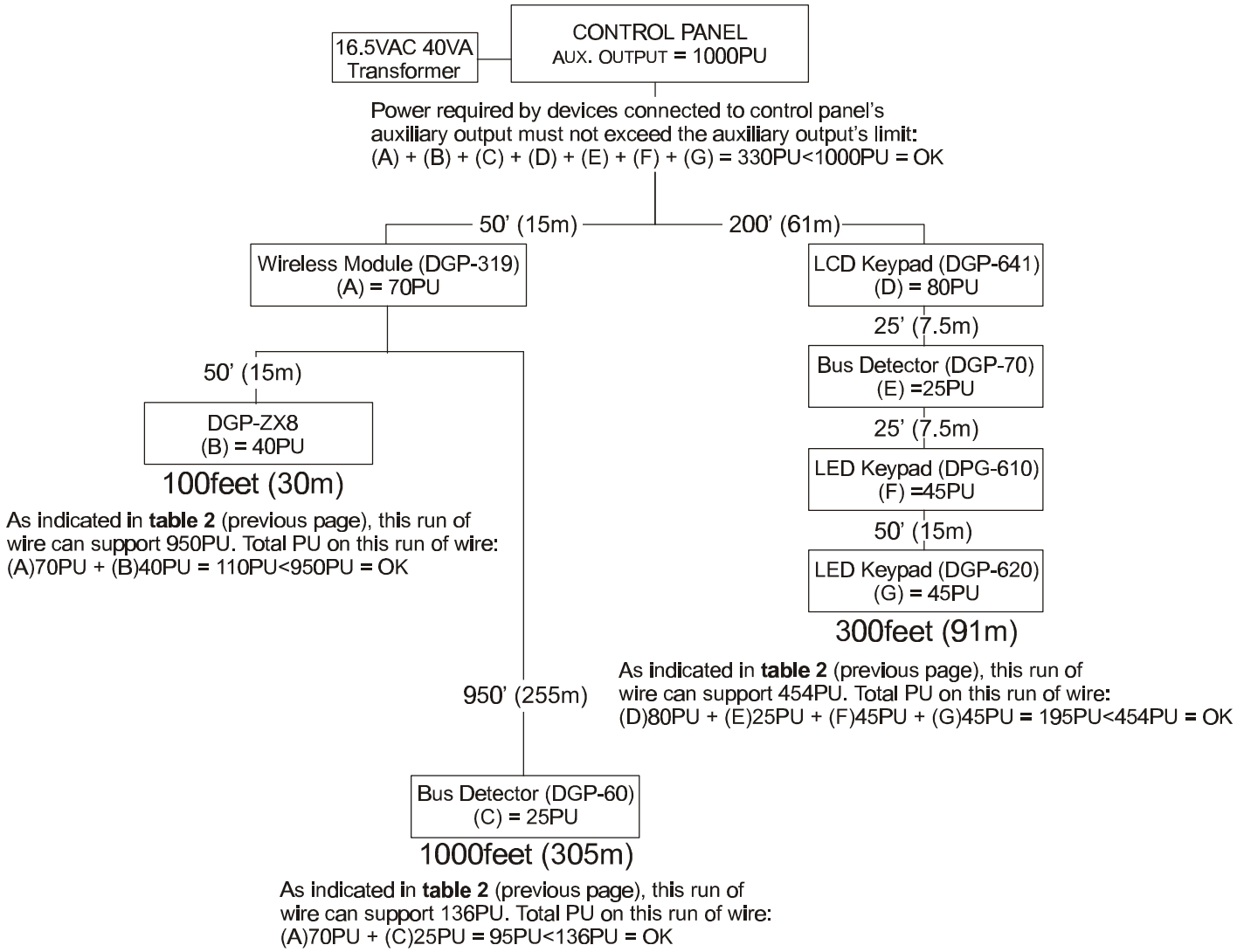
Table 2: Power unit limitations for each run of wire

Gauge: 18 AWG Surface:0.823 mm^2	
Total Length of each run of wire	**Available Power Units (PU)**
100ft. (30m)	950
200ft. (61m)	950
300ft. (91m)	950
400ft. (122m)	862
500ft. (152m)	690
600ft. (183m)	575
700ft. (213m)	493
800ft. (244m)	431
900ft. (274m)	383
1000ft. (305m)	345
1500ft. (457m)	230
2000ft. (610m)	172
2500ft. (762m)	138
3000ft. (914m)	115

Gauge: 22 AWG Surface:0.326 mm^2	
Total Length of each run of wire	**Available Power Units (PU)**
100ft. (30m)	950
200ft. (61m)	682
300ft. (91m)	454
400ft. (122m)	341
500ft. (152m)	273
600ft. (183m)	227
700ft. (213m)	195
800ft. (244m)	170
900ft. (274m)	151
1000ft. (305m)	136

Gauge: 24 AWG Surface:0.205 mm^2	
Total Length of each run of wire	**Available Power Units (PU)**
100ft. (30m)	857
200ft. (61m)	429
300ft. (91m)	286
400ft. (122m)	214
500ft. (152m)	171
600ft. (183m)	143

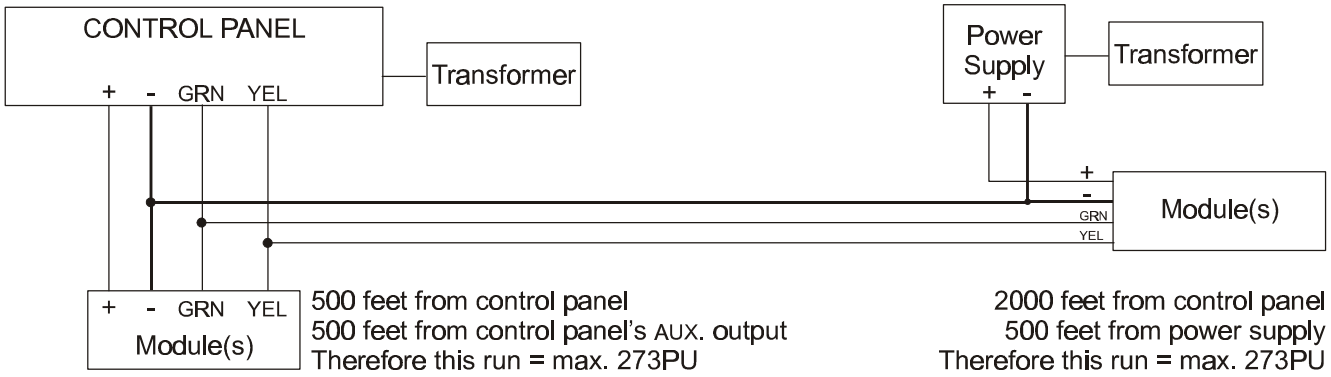
FIGURE A: SAMPLE CALCULATIONS FOR AUXILIARY OUTPUT AND WIRE LIMITS



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.

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PRINTED IN CANADA - 06/99
DGPXEP-02