

# DIGI PLEX™

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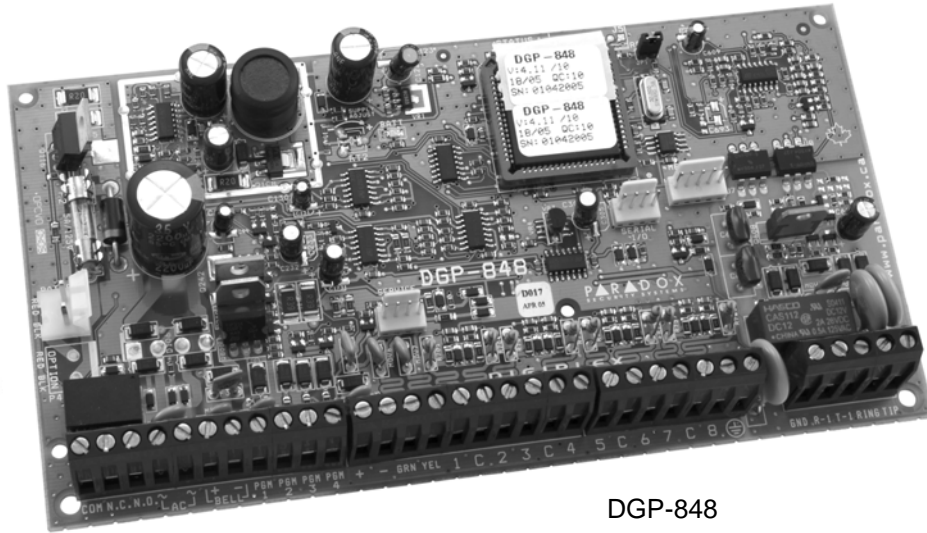
## Digiplex 48-Zone Control Panel (DGP-848)

### Programming Guide

Software Version 4.13



Includes DGP-641BL/RB  
Programming Guide



DGP-848

#### Default Installer Code

**000000** (see section [800] on page 39)

#### Default System Master code

**123456**

#### How Do I Enter Programming Mode?

1. Press and hold the [0] key.
2. Enter your [INSTALLER CODE].
3. Enter 3-digit [SECTION].
4. Enter required [DATA].

#### Decimal and Hexadecimal Programming Table

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

##### For LCD keypads:

[0] to [9]	= values 0 to 9 respectively	[DISARM]	= D
[STAY]	= A	[BYP]	= E
[FORCE]	= B	[MEM]	= F
[ARM]	= C	[CLEAR]	= Exit section without saving
[ENTER]	= Save current data and advance to next section		

##### For Grafica keypads:

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

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# Serial Number List

All modules connected to the control panel's combus 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 Modules).

Module Type & Details	Serial #
-----------------------	----------

1: \_\_\_\_\_

2: \_\_\_\_\_

3: \_\_\_\_\_

4: \_\_\_\_\_

5: \_\_\_\_\_

6: \_\_\_\_\_

7: \_\_\_\_\_

8: \_\_\_\_\_

9: \_\_\_\_\_

10: \_\_\_\_\_

11: \_\_\_\_\_

12: \_\_\_\_\_

13: \_\_\_\_\_

14: \_\_\_\_\_

15: \_\_\_\_\_

16: \_\_\_\_\_

17: \_\_\_\_\_

18: \_\_\_\_\_

19: \_\_\_\_\_

20: \_\_\_\_\_

21: \_\_\_\_\_

22: \_\_\_\_\_

23: \_\_\_\_\_

Module Type & Details	Serial #
-----------------------	----------

24: \_\_\_\_\_

25: \_\_\_\_\_

26: \_\_\_\_\_

27: \_\_\_\_\_

28: \_\_\_\_\_

29: \_\_\_\_\_

30: \_\_\_\_\_

31: \_\_\_\_\_

32: \_\_\_\_\_

33: \_\_\_\_\_

34: \_\_\_\_\_

35: \_\_\_\_\_

36: \_\_\_\_\_

37: \_\_\_\_\_

38: \_\_\_\_\_

39: \_\_\_\_\_

40: \_\_\_\_\_

41: \_\_\_\_\_

42: \_\_\_\_\_

43: \_\_\_\_\_

44: \_\_\_\_\_

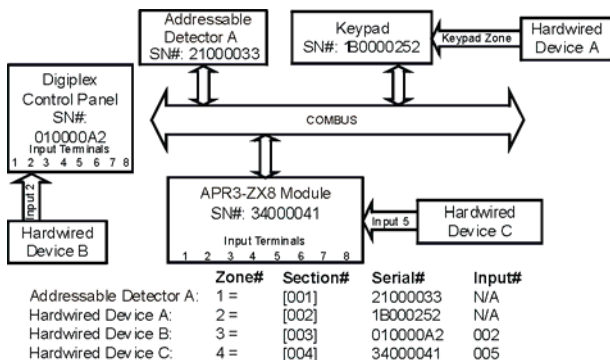
45: \_\_\_\_\_

46: \_\_\_\_\_

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:	_____

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

# Zone Programming



## Zone Numbering

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

Enter 3-digit [INPUT NUMBER] of the Module to which the hardwired detection device is connected.

**NOTE:** An input number is not required for Keypad Zones (DGP2-641BL/RB, DGP2-640, DGP2-648, DNE-K07), Combus Motion Detectors (DGP2-50, DGP2-60, DGP2-70, DG85W), Door Contact Modules (DGP2-ZC1), 1-Zone Expansion Modules (DGP2-ZX1), and the Access Control Modules (DGP-ACM11).

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

## Zone Parameters

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

**Zone Definitions**

0 - Disabled (Default)

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

**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]	<b>Zone Alarm Type</b>
off	off	Steady Alarm
off	on	Pulsed Alarm
on	off	Silent Alarm
on	on	Report Only

[7] Intellizone

[8] Delay before transmission

*When option [7] in section [502] is enabled for PGM1 to act as a zone input for two-wire smoke detectors, the control panel will recognize PGM1 as input number 255.*

Zone	Description	Module	Section	8-digit Serial Number	Input#	Section	Define	Assign	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
11			[011]	____/____/____/____/____/____/____/____	____/____/____	[111]	_____	_____	1 2 3 4 5 6 7 8
12			[012]	____/____/____/____/____/____/____/____	____/____/____	[112]	_____	_____	1 2 3 4 5 6 7 8

Zone	Description	Module	Section	8-digit Serial Number	Input#	Section	Define	Assign	Zone Options
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
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

Zone	Description	Module	Section	8-digit Serial Number	Input#	Section	Define	Assign	Zone Options
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

 **To clear a zone's numbering (sections [001] to [048]):**

**For LCD keypads:**

1. Enter a section number between **[001]** and **[048]**.
2. Press **[0]** and then **[ENTER]** to save and exit.

**For Grafica keypads:**

1. Enter a section number between **[001]** and **[048]**.
2. Press **[0]** to clear the serial number.
3. Using Grafica's scroll keys, highlight the input number and then press **[0]** to clear the data.
4. Press Grafica's center action key (**Save**) to save and exit.

# Keyswitch Programming

## Keyswitch Numbering

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

## Keyswitch Parameters

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

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

Enter 8-digit [SERIAL NUMBER] of the Module to which the 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  
 3- Generates Utility Key Event on Open only  
 4- Generates Utility Key Event on Open & Close

**Keyswitch Options**  
 [4] Stay/Instant Disarm  
 [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

Keyswitch	Location	Module	Section	8-digit Serial Number	Input#	Section	Define	Assign	Keyswitch Options
1			[049]	_/ _/ _/ _/ _/ _/ _/ _/ _/	_/ _/ _/	[149]	___	___	4 5 6 7 8
2			[050]	_/ _/ _/ _/ _/ _/ _/ _/	_/ _/ _/	[150]	___	___	4 5 6 7 8
3			[051]	_/ _/ _/ _/ _/ _/ _/ _/	_/ _/ _/	[151]	___	___	4 5 6 7 8
4			[052]	_/ _/ _/ _/ _/ _/ _/ _/	_/ _/ _/	[152]	___	___	4 5 6 7 8
5			[053]	_/ _/ _/ _/ _/ _/ _/ _/	_/ _/ _/	[153]	___	___	4 5 6 7 8
6			[054]	_/ _/ _/ _/ _/ _/ _/ _/	_/ _/ _/	[154]	___	___	4 5 6 7 8
7			[055]	_/ _/ _/ _/ _/ _/ _/ _/	_/ _/ _/	[155]	___	___	4 5 6 7 8
8			[056]	_/ _/ _/ _/ _/ _/ _/ _/	_/ _/ _/	[156]	___	___	4 5 6 7 8



## System Timers

Section #	Decimal Value (000 to 255)	Description	Default
[200]	___/___/___ seconds (min. = 10sec.)	INTELLIZONE DELAY	10sec.
[201]	___/___/___ x 20 msec.	INPUT SPEED 001=PANEL TERMINAL 1	600 msec.
[202]	___/___/___ x 20 msec.	INPUT SPEED 002=PANEL TERMINAL 2	600 msec.
[203]	___/___/___ x 20 msec.	INPUT SPEED 003=PANEL TERMINAL 3	600 msec.
[204]	___/___/___ x 20 msec.	INPUT SPEED 004=PANEL TERMINAL 4	600 msec.
[205]	___/___/___ x 20 msec.	INPUT SPEED 005=PANEL TERMINAL 5	600 msec.
[206]	___/___/___ x 20 msec.	INPUT SPEED 006=PANEL TERMINAL 6	600 msec.
[207]	___/___/___ x 20 msec.	INPUT SPEED 007=PANEL TERMINAL 7	600 msec.
[208]	___/___/___ x 20 msec.	INPUT SPEED 008=PANEL TERMINAL 8	600 msec.
[209]	___/___/___ x 20 msec.	INPUT SPEED 009=PANEL DOUBLER 1	600 msec.
[210]	___/___/___ x 20 msec.	INPUT SPEED 010=PANEL DOUBLER 2	600 msec.
[211]	___/___/___ x 20 msec.	INPUT SPEED 011=PANEL DOUBLER 3	600 msec.
[212]	___/___/___ x 20 msec.	INPUT SPEED 012=PANEL DOUBLER 4	600 msec.
[213]	___/___/___ x 20 msec.	INPUT SPEED 013=PANEL DOUBLER 5	600 msec.
[214]	___/___/___ x 20 msec.	INPUT SPEED 014=PANEL DOUBLER 6	600 msec.
[215]	___/___/___ x 20 msec.	INPUT SPEED 015=PANEL DOUBLER 7	600 msec.
[216]	___/___/___ x 20 msec.	INPUT SPEED 016=PANEL DOUBLER 8	600 msec.
[217]	___/___/___ (max.=15)	AUTO ZONE SHUTDOWN	Disabled
[218]	___/___/___ (max.=15)	AUTO TROUBLE SHUTDOWN	Disabled
[219]	___/___/___ seconds	RECENT CLOSING DELAY	Disabled
[220]	___/___/___ tries	# OF INVALID CODE BEFORE LOCKOUT	Disabled
[221]	___/___/___ minutes (000 = report only)	KEYPAD LOCKOUT 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.

<b>Section #</b>	<b>Decimal Value (000 to 255)</b>	<b>Description</b>	<b>Default</b>
[238]	___/___/___ zone(s)	MAX. BYPASS ENTRIES PARTITION 1	<i>Unlimited</i>
[239]	___/___/___ zone(s)	MAX. BYPASS ENTRIES PARTITION 2	<i>Unlimited</i>
[240]	___/___/___ zone(s)	MAX. BYPASS ENTRIES PARTITION 3	<i>Unlimited</i>
[241]	___/___/___ zone(s)	MAX. BYPASS ENTRIES PARTITION 4	<i>Unlimited</i>
[242]	___/___/___ minutes	RECYCLE DELAY PARTITION 1	<i>Disabled</i>
[243]	___/___/___ minutes	RECYCLE DELAY PARTITION 2	<i>Disabled</i>
[244]	___/___/___ minutes	RECYCLE DELAY PARTITION 3	<i>Disabled</i>
[245]	___/___/___ minutes	RECYCLE DELAY PARTITION 4	<i>Disabled</i>
[246]	___/___/___ recycle(s)	# OF RECYCLES PARTITION 1	<i>Unlimited</i>
[247]	___/___/___ recycle(s)	# OF RECYCLES PARTITION 2	<i>Unlimited</i>
[248]	___/___/___ recycle(s)	# OF RECYCLES PARTITION 3	<i>Unlimited</i>
[249]	___/___/___ recycle(s)	# OF RECYCLES PARTITION 4	<i>Unlimited</i>
[250]	___/___/___ see section [503]	PGM1 DELAY	<i>5 sec.</i>
[251]	___/___/___ see section [503]	PGM2 DELAY	<i>5 sec.</i>
[252]	___/___/___ see section [503]	PGM3 DELAY	<i>5 sec.</i>
[253]	___/___/___ see section [503]	PGM4 DELAY	<i>5 sec.</i>
[254]	___/___/___ see section [503]	PGM5 DELAY	<i>5 sec.</i>
[255]	___/___/___ x2 sec. (min. = 32sec.)	TLM FAIL TIMER	<i>32 sec.</i>
[256]	___/___/___ seconds	DELAY ALARM TRANSMISSION TIMER	<i>Instant</i>
[257]	___/___/___ attempts	MAXIMUM DIALING ATTEMPTS	<i>8 attempts</i>
[258]	___/___/___ seconds	DELAY BETWEEN DIALING ATTEMPTS	<i>20 sec.</i>
[259]	___/___/___ seconds (max. 60 sec.)	PAGER DELAY BEFORE DATA TRANSMISSION	<i>Disabled</i>
[260]	___/___/___ minutes	DELAY POWER FAILURE REPORT	<i>30 min.</i>
[261]	___/___/___ days	AUTO TEST REPORT	<i>Disabled</i>
[262]	___/___/___ 001 to 255 days; 000 = disabled	CLOSING DELINQUENCY TIMER PARTITION 1	<i>Disabled</i>
[263]	___/___/___ 001 to 255 days; 000 = disabled	CLOSING DELINQUENCY TIMER PARTITION 2	<i>Disabled</i>
[264]	___/___/___ 001 to 255 days; 000 = disabled	CLOSING DELINQUENCY TIMER PARTITION 3	<i>Disabled</i>
[265]	___/___/___ 001 to 255 days; 000 = disabled	CLOSING DELINQUENCY TIMER PARTITION 4	<i>Disabled</i>
<b>Hours (00 to 23) &amp; Minutes (00 to 59)</b>			
[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	

# Access Control

## Assigning the Door to an Access Control Module

These doors are used to program the Access Level in sections [341] to [355]. If you want an Access door to be linked to the alarm system, install a door contact and assign it to a zone through Zone Programming.

Section	Door	Description	Access Module Serial Number
[301]	01	_____	____/____/____/____/____/____
[302]	02	_____	____/____/____/____/____/____
[303]	03	_____	____/____/____/____/____/____
[304]	04	_____	____/____/____/____/____/____
[305]	05	_____	____/____/____/____/____/____
[306]	06	_____	____/____/____/____/____/____
[307]	07	_____	____/____/____/____/____/____
[308]	08	_____	____/____/____/____/____/____
[309]	09	_____	____/____/____/____/____/____
[310]	10	_____	____/____/____/____/____/____
[311]	11	_____	____/____/____/____/____/____
[312]	12	_____	____/____/____/____/____/____
[313]	13	_____	____/____/____/____/____/____
[314]	14	_____	____/____/____/____/____/____
[315]	15	_____	____/____/____/____/____/____
[316]	16	_____	____/____/____/____/____/____
[317]	17	_____	____/____/____/____/____/____
[318]	18	_____	____/____/____/____/____/____
[319]	19	_____	____/____/____/____/____/____
[320]	20	_____	____/____/____/____/____/____
[321]	21	_____	____/____/____/____/____/____
[322]	22	_____	____/____/____/____/____/____
[323]	23	_____	____/____/____/____/____/____
[324]	24	_____	____/____/____/____/____/____
[325]	25	_____	____/____/____/____/____/____
[326]	26	_____	____/____/____/____/____/____
[327]	27	_____	____/____/____/____/____/____
[328]	28	_____	____/____/____/____/____/____
[329]	29	_____	____/____/____/____/____/____
[330]	30	_____	____/____/____/____/____/____
[331]	31	_____	____/____/____/____/____/____
[332]	32	_____	____/____/____/____/____/____

## Door Access Mode

Each door can be programmed to grant access only to cards assigned to all the door's assigned partitions ("AND" Door Access Mode) or to cards assigned to at least one of the door's partitions ("OR" Door Access Mode). Enable the option corresponding to the door to be set in "OR" Door Access Mode. Options that remain disabled represent doors set in the "AND" Door Access Mode.

Section	Door Access Mode (turn ON for "OR" Door Access Mode):			
	First Screen Doors 01 to 08	Second Screen Doors 09 to 16	Third Screen Doors 17 to 24	Fourth Screen Doors 25 to 32
[340]	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8

## Programming Access Levels

Each Access Level is a combination of Access Control doors. Use Feature Select Programming (page 14) to enable or disable options. For example, if option [1] in the First Screen is enabled in section [341], Level 01 will allow access only to Door 01. Access Level 00 = access to all doors.


Section	Level	Access to Doors (turn ON or OFF access):			
		First Screen Doors 01 to 08	Second Screen Doors 09 to 16	Third Screen Doors 17 to 24	Fourth Screen Doors 25 to 32
[341]	01	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[342]	02	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[343]	03	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[344]	04	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[345]	05	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[346]	06	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[347]	07	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[348]	08	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[349]	09	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[350]	10	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[351]	11	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[352]	12	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[353]	13	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[354]	14	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
[355]	15	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8

## Schedule Programming

Each Schedule determines when users are permitted access. Holidays are programmed in sections [381] to [392]. Schedule 00 = access granted at all times.

Section	Schedule	Intervals	Start Time (from)	End Time (to)	Days (turn ON or OFF)							
					S	M	T	W	T	F	S	H
[361]	01	Interval A	___:___	___:___	1	2	3	4	5	6	7	8
		Interval B	___:___	___:___	1	2	3	4	5	6	7	8
[362]	02	Interval A	___:___	___:___	1	2	3	4	5	6	7	8
		Interval B	___:___	___:___	1	2	3	4	5	6	7	8
[363]	03	Interval A	___:___	___:___	1	2	3	4	5	6	7	8
		Interval B	___:___	___:___	1	2	3	4	5	6	7	8
[364]	04	Interval A	___:___	___:___	1	2	3	4	5	6	7	8
		Interval B	___:___	___:___	1	2	3	4	5	6	7	8
[365]	05	Interval A	___:___	___:___	1	2	3	4	5	6	7	8
		Interval B	___:___	___:___	1	2	3	4	5	6	7	8

Section	Schedule	Intervals	Start Time (from)	End Time (to)	Days (turn ON or OFF)							
					S	M	T	W	T	F	S	H
[366]	06	Interval A	___ : ___	___ : ___	1	2	3	4	5	6	7	8
		Interval B	___ : ___	___ : ___	1	2	3	4	5	6	7	8
[367]	07	Interval A	___ : ___	___ : ___	1	2	3	4	5	6	7	8
		Interval B	___ : ___	___ : ___	1	2	3	4	5	6	7	8
[368]	08	Interval A	___ : ___	___ : ___	1	2	3	4	5	6	7	8
		Interval B	___ : ___	___ : ___	1	2	3	4	5	6	7	8
[369]	09	Interval A	___ : ___	___ : ___	1	2	3	4	5	6	7	8
		Interval B	___ : ___	___ : ___	1	2	3	4	5	6	7	8
[370]	10	Interval A	___ : ___	___ : ___	1	2	3	4	5	6	7	8
		Interval B	___ : ___	___ : ___	1	2	3	4	5	6	7	8
[371]	11	Interval A	___ : ___	___ : ___	1	2	3	4	5	6	7	8
		Interval B	___ : ___	___ : ___	1	2	3	4	5	6	7	8
[372]	12	Interval A	___ : ___	___ : ___	1	2	3	4	5	6	7	8
		Interval B	___ : ___	___ : ___	1	2	3	4	5	6	7	8
[373]	13	Interval A	___ : ___	___ : ___	1	2	3	4	5	6	7	8
		Interval B	___ : ___	___ : ___	1	2	3	4	5	6	7	8
[374]	14	Interval A	___ : ___	___ : ___	1	2	3	4	5	6	7	8
		Interval B	___ : ___	___ : ___	1	2	3	4	5	6	7	8
[375]	15	Interval A	___ : ___	___ : ___	1	2	3	4	5	6	7	8
		Interval B	___ : ___	___ : ___	1	2	3	4	5	6	7	8

 **The Start and End Time of an Interval cannot cross over into another day. For example, to program a shift from 10:00 p.m. one day to 6:00 a.m. the next morning, you must program Interval 1A: Start Time 22:00 and End Time 23:59 then program Interval 1B Start Time 00:00 and End Time 06:00. The schedule will not be interrupted between 23:59 and 00:00.**

### Holiday Programming

The holidays are determined in these sections. When [H] is enabled in sections [361] to [375], access is permitted to users during the days programmed in sections [381] to [392].

Section	Month	Days Programmed (turn ON or OFF access):			
		First Screen Days 01 to 08	Second Screen Days 09 to 16	Third Screen Days 17 to 24	Fourth Screen Days 25 to 31
[381]	January	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 *
[382]	February	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 * * *
[383]	March	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 *
[384]	April	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 **
[385]	May	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 *
[386]	June	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 **
[387]	July	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 *
[388]	August	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 *
[389]	September	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 **
[390]	October	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 *
[391]	November	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 **
[392]	December	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 *

\*option not used in this screen

# Programmable Outputs

The control panel **deactivates** an activated PGM in one of two ways (also see sections [502] and [503]):

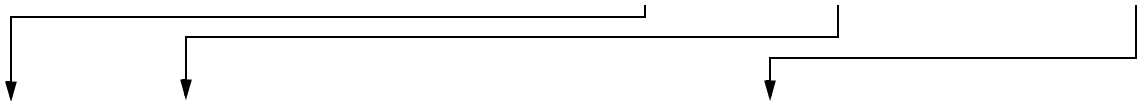
**Section [502]: Option OFF = Follow Activation Event:**

If the first digit of the PGM Activation Event is set at 1, 2, 3, 4, or 7, the PGM will remain activated until the PGM Activation Event has ended. It will ignore the PGM Deactivation 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 Deactivation Event occurs.

**Section [502]: Option ON = Follow PGM Delay Timer:**

After activating the PGM, the control panel will start the PGM delay timer and the PGM will deactivate only when the PGM delay timer has elapsed regardless of the PGM Deactivation 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 Deactivation Event	___	___	1	2	3	4	5	6	7	8
[402]	PGM2 Activation Event	___	___	1	2	3	4	5	6	7	8
[403]	PGM2 Deactivation Event	___	___	1	2	3	4	5	6	7	8
[404]	PGM3 Activation Event	___	___	1	2	3	4	5	6	7	8
[405]	PGM3 Deactivation Event	___	___	1	2	3	4	5	6	7	8
[406]	PGM4 Activation Event	___	___	1	2	3	4	5	6	7	8
[407]	PGM4 Deactivation Event	___	___	1	2	3	4	5	6	7	8
[408]	PGM5 Activation Event	___	___	1	2	3	4	5	6	7	8
[409]	PGM5 Deactivation Event	___	___	1	2	3	4	5	6	7	8



First Digit	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	Note 1*	Any Arming Method	Force Arm	Stay Arm	Instant Arm	Strobe (until alarm is cancelled)	Silent Alarm (until alarm is cancelled or bell is cut off)	Audible Alarm (until alarm is cancelled or bell is cut off)	Fire Alarm (until alarm is cancelled or bell is cut off)
2 = Status 2	Note 1*	Ready Status	Exit Delay	Entry Delay	Trouble	Alarm Memory	Zone Bypassed (armed or not)	Master or Installer Programming	Keypad Lockout
3 = Status 3	Note 1*	Intellizone	Fire Delay	Auto Arm Delay	N/A	Any Tamper	Zone Low Battery	Fire Loop	Zone Supervision

NOTE 1\*:

0 = Occurs in all partitions enabled in the system (see section [500]).

1 = Partition 1    3 = Partition 3

2 = Partition 2    4 = Partition 4

8 = Occurs in at least one partition enabled in the system.

† : If you select a group and set all options to OFF, all users/zones/selections of that group will be enabled (result is "ANY" of that group). For example, if you select A0 and set all 8 options to OFF, the PGM will activate/deactivate whenever a user between 1 and 8 arms the system.

First Digit	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	N/A
	2	System Trouble	Dialer Trouble	Module Trouble	Combus 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 Com PC	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 Combus Failure	Combus Overload	Module Combus 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	Utility Key 1	Utility Key 2	Utility Key 3	Utility Key 4	Utility Key 5	Utility Key 6	Utility Key 7	Utility Key 8
	1	Utility Key 9	Utility Key 10	Utility Key 11	Utility Key 12	Utility Key 13	Utility Key 14	Utility Key 15	Utility Key 16
9 = Access Granted	0	Door 01	Door 02	Door 03	Door 04	Door 05	Door 06	Door 07	Door 08
	1	Door 09	Door 10	Door 11	Door 12	Door 13	Door 14	Door 15	Door 16
	2	Door 17	Door 18	Door 19	Door 20	Door 21	Door 22	Door 23	Door 24
	3	Door 25	Door 26	Door 27	Door 28	Door 29	Door 30	Door 31	Door 32
9 = User Code Entered	8	Code # 01	Code # 02	Code # 03	Code # 04	Code # 05	Code # 06	Code # 07	Code # 08
	9	Code # 09	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 # 01	Code # 02	Code # 03	Code # 04	Code # 05	Code # 06	Code # 07	Code # 08
	1	Code # 09	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
A = Disarming	8	Code # 01	Code # 02	Code # 03	Code # 04	Code # 05	Code # 06	Code # 07	Code # 08
	9	Code # 09	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	

† See Utility Key Event Generation Table on page 17.

First Digit	Second Digit	Feature Select Programming							
		1	2	3	4	5	6	7	8
<b>B = Zone is OK</b>	0	Zone # 01	Zone # 02	Zone # 03	Zone # 04	Zone # 05	Zone # 06	Zone # 07	Zone # 08
	1	Zone # 09	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
<b>B = Zone is Open</b>	8	Zone # 01	Zone # 02	Zone # 03	Zone # 04	Zone # 05	Zone # 06	Zone # 07	Zone # 08
	9	Zone # 09	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
<b>C = Auto Zone Shutdown</b>	0	Zone # 01	Zone # 02	Zone # 03	Zone # 04	Zone # 05	Zone # 06	Zone # 07	Zone # 08
	1	Zone # 09	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
<b>C = Zone Bypass (when system is armed)</b>	8	Zone # 01	Zone # 02	Zone # 03	Zone # 04	Zone # 05	Zone # 06	Zone # 07	Zone # 08
	9	Zone # 09	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
<b>D = Zone Fault (Tamper / Fire Loop)</b>	0	Zone # 01	Zone # 02	Zone # 03	Zone # 04	Zone # 05	Zone # 06	Zone # 07	Zone # 08
	1	Zone # 09	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
<b>D = RF Zone Fault (Low battery Supervision)</b>	8	Zone # 01	Zone # 02	Zone # 03	Zone # 04	Zone # 05	Zone # 06	Zone # 07	Zone # 08
	9	Zone # 09	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
<b>E = Fire /Burglar Alarms</b>	0	Zone # 01	Zone # 02	Zone # 03	Zone # 04	Zone # 05	Zone # 06	Zone # 07	Zone # 08
	1	Zone # 09	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
<b>E = Fire/Burglar Restore</b>	8	Zone # 01	Zone # 02	Zone # 03	Zone # 04	Zone # 05	Zone # 06	Zone # 07	Zone # 08
	9	Zone # 09	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
<b>F = Module Troubles</b>	0	Combus Fault	Tamper	ROM Error	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	Combus Fault Restore	Tamper Restore	ROM Error Restore	TLM Restore	Fail to Comm. Restore	Printer Fault Restore	AC Fail Restore	Battery Fail Restore
	9	Auxiliary Fail	N/A	N/A	N/A	N/A	N/A	N/A	N/A







## Section [501]: System Options

Zone & Module Tamper Recognition Options		
[5]	[6]	
OFF	OFF	<b>Disabled</b> (default)
ON	OFF	When disarmed: GENERATES TROUBLE ONLY When armed: Follows <i>Zone Alarm Types</i> (page 5)
OFF	ON	GENERATES TROUBLE ONLY (armed or disarmed)
ON	ON	When disarmed: GENERATES AUDIBLE ALARM When armed: Follows <i>Zone Alarm Types</i> (page 5)

[5]&[6]\*

see table  
 see table

see table  
 see table

\*see Hardware Connections on page 43

[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] <i>PGM 1 Deactivation Type</i>	<input type="checkbox"/> <b>Follows Event</b>	<input type="checkbox"/> Follows Timer
[2] <i>PGM 2 Deactivation Type</i>	<input type="checkbox"/> <b>Follows Event</b>	<input type="checkbox"/> Follows Timer
[3] <i>PGM 3 Deactivation Type</i>	<input type="checkbox"/> <b>Follows Event</b>	<input type="checkbox"/> Follows Timer
[4] <i>PGM 4 Deactivation Type</i>	<input type="checkbox"/> <b>Follows Event</b>	<input type="checkbox"/> Follows Timer
[5] <i>PGM 5 Deactivation Type</i>	<input type="checkbox"/> <b>Follows Event</b>	<input type="checkbox"/> Follows Timer
[6] <i>Auto adjust panel clock for Daylight Savings</i>	<input type="checkbox"/> Disabled	<input type="checkbox"/> <b>Enabled</b>
[7] <i>PGM 1 = 2-wire smoke detector input (255)</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[8] <i>No bell cut-off during fire alarm</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled

## Section [503]: PGM & Other Options

Option	OFF	ON
[1] <i>PGM 1 Timer (see section [250])</i>	<input type="checkbox"/> <b>Seconds</b>	<input type="checkbox"/> Minutes
[2] <i>PGM 2 Timer (see section [251])</i>	<input type="checkbox"/> <b>Seconds</b>	<input type="checkbox"/> Minutes
[3] <i>PGM 3 Timer (see section [252])</i>	<input type="checkbox"/> <b>Seconds</b>	<input type="checkbox"/> Minutes
[4] <i>PGM 4 Timer (see section [253])</i>	<input type="checkbox"/> <b>Seconds</b>	<input type="checkbox"/> Minutes
[5] <i>PGM 5 Timer (see section [254])</i>	<input type="checkbox"/> <b>Seconds</b>	<input type="checkbox"/> Minutes
[6] <i>Battery charge current *</i>	<input type="checkbox"/> <b>350mA</b>	<input type="checkbox"/> 850mA
[7] <i>AC failure does not appear in Trouble Display</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[8] <i>Restrict arming on battery/AC failure</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled

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

## Section [504]: Keypad & Other Options

Option	OFF	ON
[1] <i>Multiple Actions in User Menu</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[2] <i>User Code length</i>	<input type="checkbox"/> <b>Fixed (see option [3] below)</b>	<input type="checkbox"/> Flexible (1 to 6 digits)
[3] <i>User Code length</i>	<input type="checkbox"/> <b>4-digits (if option [2] = off)</b>	<input type="checkbox"/> 6-digits (if option [2] = off)
[4] <i>Power Save Mode</i>	<input type="checkbox"/> Disabled	<input type="checkbox"/> <b>Enabled</b>
[5] <i>Bypass not displayed while system is armed</i>	<input type="checkbox"/> Disabled	<input type="checkbox"/> <b>Enabled</b>
[6] <i>Trouble Latch</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[7] <i>EOL resistor on hardwire inputs</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[8] <i>ATZ (Zone Doubling)</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled

# Partition 1: Options

**Bold = Default setting**

## Section [505]: Partition 1 Options

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

## Section [506]: Partition 1 Options

Option	OFF	ON
[1] <i>Panic 1 (keys [1] and [3])</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[2] <i>Panic 2 (keys [4] and [6])</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[3] <i>Panic 3 (keys [7] and [9])</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[4] <i>Panic 1 alarm type</i>	<input type="checkbox"/> <b>Report Only</b>	<input type="checkbox"/> Audible Alarm
[5] <i>Panic 2 alarm type</i>	<input type="checkbox"/> <b>Report Only</b>	<input type="checkbox"/> Audible Alarm
[6] <i>Panic 3 alarm type</i>	<input type="checkbox"/> <b>Report Only</b>	<input type="checkbox"/> Fire Alarm
[7] <i>Report Disarming Options</i>	<input type="checkbox"/> <b>Always report disarming</b>	<input type="checkbox"/> Report disarming only after alarm
[8] <i>Always Force Arm When Regular Arming</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled

## Section [507]: Partition 1 Options

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

## Section [508]\*: Partition 1 Options

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

\* If the keypad is assigned to more than one partition, the feature must be enabled in all the keypad's partitions.

## Partition 2: Options

**Bold** = Default setting

### Section [509]: Partition 2 Options

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

### Section [510]: Partition 2 Options

Option	OFF	ON
[1] <i>Panic 1 (keys [1] and [3])</i>	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[2] <i>Panic 2 (keys [4] and [6])</i>	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[3] <i>Panic 3 (keys [7] and [9])</i>	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[4] <i>Panic 1 alarm type</i>	<input type="checkbox"/> Report Only	<input type="checkbox"/> Audible Alarm
[5] <i>Panic 2 alarm type</i>	<input type="checkbox"/> Report Only	<input type="checkbox"/> Audible Alarm
[6] <i>Panic 3 alarm type</i>	<input type="checkbox"/> Report Only	<input type="checkbox"/> Fire Alarm
[7] <i>Report Disarming Options</i>	<input type="checkbox"/> Always report disarming	<input type="checkbox"/> Report disarming only after alarm
[8] <i>Always Force Arm When Regular Arming</i>	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled

### Section [511]: Partition 2 Options

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

### Section [512]\*: Partition 2 Options

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

\* If the keypad is assigned to more than one partition, the feature must be enabled in all the keypad's partitions.

## Partition 3: Options

**Bold** = Default setting

### Section [513]: Partition 3 Options

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

### Section [514]: Partition 3 Options

Option	OFF	ON
[1] <i>Panic 1 (keys [1] and [3])</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[2] <i>Panic 2 (keys [4] and [6])</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[3] <i>Panic 3 (keys [7] and [9])</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[4] <i>Panic 1 alarm type</i>	<input type="checkbox"/> <b>Report Only</b>	<input type="checkbox"/> Audible Alarm
[5] <i>Panic 2 alarm type</i>	<input type="checkbox"/> <b>Report Only</b>	<input type="checkbox"/> Audible Alarm
[6] <i>Panic 3 alarm type</i>	<input type="checkbox"/> <b>Report Only</b>	<input type="checkbox"/> Fire Alarm
[7] <i>Report Disarming Options</i>	<input type="checkbox"/> <b>Always report disarming</b>	<input type="checkbox"/> Report disarming only after alarm
[8] <i>Always Force Arm When Regular Arming</i>	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled

### Section [515]: Partition 3 Options

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

### Section [516]\*: Partition 3 Options

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

\* If the keypad is assigned to more than one partition, the feature must be enabled in all the keypad's partitions.

## Partition 4: Options

**Bold** = Default setting

### Section [517]: Partition 4 Options

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

### Section [518]: Partition 4 Options

Option	OFF	ON
[1] <i>Panic 1 (keys [1] and [3])</i>	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[2] <i>Panic 2 (keys [4] and [6])</i>	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[3] <i>Panic 3 (keys [7] and [9])</i>	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[4] <i>Panic 1 alarm type</i>	<input type="checkbox"/> Report Only	<input type="checkbox"/> Audible Alarm
[5] <i>Panic 2 alarm type</i>	<input type="checkbox"/> Report Only	<input type="checkbox"/> Audible Alarm
[6] <i>Panic 3 alarm type</i>	<input type="checkbox"/> Report Only	<input type="checkbox"/> Fire Alarm
[7] <i>Report Disarming Options</i>	<input type="checkbox"/> Always report disarming	<input type="checkbox"/> Report disarming only after alarm
[8] <i>Always Force Arm When Regular Arming</i>	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled

### Section [519]: Partition 4 Options

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

### Section [520]\*: Partition 4 Options

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

\* If the keypad is assigned to more than one partition, the feature must be enabled in all the keypad's partitions.

# Dialer Options

**Bold = Default setting**

## Section [521]: Dialer Options

Option	OFF	ON	
<b>[1]&amp;[2]</b>	<b>Telephone Line Monitoring (TLM) Options</b>		
	[1] OFF	[2] OFF <b>Disabled</b> (default)	<input type="checkbox"/> see table
	OFF	ON When armed: GENERATES AUDIBLE ALARM	<input type="checkbox"/> see table
	ON	OFF When armed: GENERATES TROUBLE ONLY	
	ON	ON TLM silent alarm: BECOMES AUDIBLE ALARM	
<b>[3]</b>	Dialer (reporting to monitoring station)	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
<b>[4]</b>	Dialing Method	<input type="checkbox"/> Pulse	<input type="checkbox"/> <b>Tone (DTMF)</b>
<b>[5]</b>	Pulse Ratio	<input type="checkbox"/> 1:2 (Europe)	<input type="checkbox"/> <b>1:1.5 (North America)</b>
<b>[6]</b>	Busy Tone Detection	<input type="checkbox"/> Disabled	<input type="checkbox"/> <b>Enabled</b>
<b>[7]</b>	Switch to pulse dialing on 5th attempt	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
<b>[8]</b>	Bell/Siren upon Communication Failure if system is armed	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled

## Section [522]: Dialer Options

Option	OFF	ON	
<b>[1]</b>	Call Back	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
<b>[2]</b>	Automatic Event Buffer Transmission	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
<b>[3]</b>	Hourly Test Transmission	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
<b>[4]</b>	Shabbat Feature	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
<b>[5]</b>	Clear Bell Limit Trouble*	<input type="checkbox"/> <b>On Restore</b>	<input type="checkbox"/> Manually
<b>[6]</b>	Alternate Dial	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
<b>[7]</b>	Dial Tone Delay	<input type="checkbox"/> <b>Force dial if no dial tone</b>	<input type="checkbox"/> Hang-up if no dial tone
<b>[8]</b>	Report zone restore options	<input type="checkbox"/> <b>On bell cut-off</b>	<input type="checkbox"/> On zone closure

\* For UL installations, option **[5]** must be set to ON.



# 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 <b>[561]</b> )	<input type="checkbox"/> Disabled	<input type="checkbox"/> <b>Enabled</b>
[2] Call Telephone Number 2 (see section <b>[562]</b> )	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[3] Call Telephone Number 3 (see section <b>[563]</b> )	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[4] Call Telephone Number 4 (see section <b>[564]</b> )	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[5] Backup on Telephone Number 1	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[6] Backup on Telephone Number 2	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[7] Backup on Telephone Number 3	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[8] Backup on Telephone Number 4	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled

→ ENABLE ONLY ONE

## Section **[524]**: ALARM AND ALARM RESTORE REPORT CODES (PARTITION 1)

Option	OFF	ON
[1] Call Telephone Number 1 (see section <b>[561]</b> )	<input type="checkbox"/> Disabled	<input type="checkbox"/> <b>Enabled</b>
[2] Call Telephone Number 2 (see section <b>[562]</b> )	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[3] Call Telephone Number 3 (see section <b>[563]</b> )	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[4] Call Telephone Number 4 (see section <b>[564]</b> )	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[5] Backup on Telephone Number 1	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[6] Backup on Telephone Number 2	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[7] Backup on Telephone Number 3	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[8] Backup on Telephone Number 4	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled

→ ENABLE ONLY ONE

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

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

→ ENABLE ONLY ONE

### Section **[527]**: ALARM AND ALARM RESTORE REPORT CODES (PARTITION 2)

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

→ ENABLE ONLY ONE

### Section **[528]**: TAMPER AND TAMPER RESTORE REPORT CODES (PARTITION 2)

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

→ ENABLE ONLY ONE

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

Option	OFF	ON
[1] Call Telephone Number 1 (see section <b>[561]</b> )	<input type="checkbox"/> Disabled	<input type="checkbox"/> <b>Enabled</b>
[2] Call Telephone Number 2 (see section <b>[562]</b> )	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[3] Call Telephone Number 3 (see section <b>[563]</b> )	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[4] Call Telephone Number 4 (see section <b>[564]</b> )	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[5] Backup on Telephone Number 1	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[6] Backup on Telephone Number 2	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[7] Backup on Telephone Number 3	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[8] Backup on Telephone Number 4	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled

→ ENABLE ONLY ONE

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

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

→ ENABLE ONLY ONE

### Section **[533]**: ALARM AND ALARM RESTORE REPORT CODES (PARTITION 4)

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

→ ENABLE ONLY ONE

### Section **[534]**: TAMPER AND TAMPER RESTORE REPORT CODES (PARTITION 4)

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

→ ENABLE ONLY ONE

# System Event Call Direction

**Bold = Default setting**

## Section [535]: SYSTEM TROUBLES AND TROUBLE RESTORES

Option	OFF	ON
[1] Call Telephone Number 1 (see section [561])	<input type="checkbox"/> Disabled	<input type="checkbox"/> <b>Enabled</b>
[2] Call Telephone Number 2 (see section [562])	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[3] Call Telephone Number 3 (see section [563])	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[4] Call Telephone Number 4 (see section [564])	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[5] Backup on Telephone Number 1	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[6] Backup on Telephone Number 2	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[7] Backup on Telephone Number 3	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[8] Backup on Telephone Number 4	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled

→ ENABLE ONLY ONE

## Section [536]: SPECIAL REPORTING

Option	OFF	ON
[1] Call Telephone Number 1 (see section [561])	<input type="checkbox"/> Disabled	<input type="checkbox"/> <b>Enabled</b>
[2] Call Telephone Number 2 (see section [562])	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[3] Call Telephone Number 3 (see section [563])	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[4] Call Telephone Number 4 (see section [564])	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[5] Backup on Telephone Number 1	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[6] Backup on Telephone Number 2	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[7] Backup on Telephone Number 3	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[8] Backup on Telephone Number 4	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled

→ ENABLE ONLY ONE

# Global Access Control Features

## Section [537]: ACCESS CONTROL

Option	OFF	ON
[1] Access Control Feature	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[2] Log "Request for Exit" in Event Buffer*	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[3] Log "Door Left Open Restore" in Event Buffer	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[4] Log "Door Forced Restore" in Event Buffer	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[5] Burglar Alarm on Forced Door	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[6] Skip Exit Delay when Arming with Card	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[7] Burglar Alarm on Door Left Open	<input type="checkbox"/> <b>Disabled</b>	<input type="checkbox"/> Enabled
[8] Access to Doors During Clock Loss and Clock Resetting	<input type="checkbox"/> <b>Granted to all users</b>	<input type="checkbox"/> Granted Only to Masters

 \*Since "Request for Exit" events can occur often, the Event Buffer may fill up quickly.



# 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] to program a set of default Ademco report codes from the *Automatic Report Code List* on page 36. 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 *Contact ID Report Code List* on page 38.

### SIA format:

Use sections [790] to [795] to program a set of default SIA report codes from the *Automatic Report Code List* on page 36. 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

[608]: \_\_/\_\_/\_\_ Access code 33  
\_\_/\_\_/\_\_ Access code 34  
\_\_/\_\_/\_\_ Access code 35  
\_\_/\_\_/\_\_ Access code 36

[616]: \_\_/\_\_/\_\_ Access code 65  
\_\_/\_\_/\_\_ Access code 66  
\_\_/\_\_/\_\_ Access code 67  
\_\_/\_\_/\_\_ Access code 68

[601]: \_\_/\_\_/\_\_ Access code 5  
\_\_/\_\_/\_\_ Access code 6  
\_\_/\_\_/\_\_ Access code 7  
\_\_/\_\_/\_\_ Access code 8

[609]: \_\_/\_\_/\_\_ Access code 37  
\_\_/\_\_/\_\_ Access code 38  
\_\_/\_\_/\_\_ Access code 39  
\_\_/\_\_/\_\_ Access code 40

[617]: \_\_/\_\_/\_\_ Access code 69  
\_\_/\_\_/\_\_ Access code 70  
\_\_/\_\_/\_\_ Access code 71  
\_\_/\_\_/\_\_ Access code 72

[602]: \_\_/\_\_/\_\_ Access code 9  
\_\_/\_\_/\_\_ Access code 10  
\_\_/\_\_/\_\_ Access code 11  
\_\_/\_\_/\_\_ Access code 12

[610]: \_\_/\_\_/\_\_ Access code 41  
\_\_/\_\_/\_\_ Access code 42  
\_\_/\_\_/\_\_ Access code 43  
\_\_/\_\_/\_\_ Access code 44

[618]: \_\_/\_\_/\_\_ Access code 73  
\_\_/\_\_/\_\_ Access code 74  
\_\_/\_\_/\_\_ Access code 75  
\_\_/\_\_/\_\_ Access code 76

[603]: \_\_/\_\_/\_\_ Access code 13  
\_\_/\_\_/\_\_ Access code 14  
\_\_/\_\_/\_\_ Access code 15  
\_\_/\_\_/\_\_ Access code 16

[611]: \_\_/\_\_/\_\_ Access code 45  
\_\_/\_\_/\_\_ Access code 46  
\_\_/\_\_/\_\_ Access code 47  
\_\_/\_\_/\_\_ Access code 48

[619]: \_\_/\_\_/\_\_ Access code 77  
\_\_/\_\_/\_\_ Access code 78  
\_\_/\_\_/\_\_ Access code 79  
\_\_/\_\_/\_\_ Access code 80

[604]: \_\_/\_\_/\_\_ Access code 17  
\_\_/\_\_/\_\_ Access code 18  
\_\_/\_\_/\_\_ Access code 19  
\_\_/\_\_/\_\_ Access code 20

[612]: \_\_/\_\_/\_\_ Access code 49  
\_\_/\_\_/\_\_ Access code 50  
\_\_/\_\_/\_\_ Access code 51  
\_\_/\_\_/\_\_ Access code 52

[620]: \_\_/\_\_/\_\_ Access code 81  
\_\_/\_\_/\_\_ Access code 82  
\_\_/\_\_/\_\_ Access code 83  
\_\_/\_\_/\_\_ Access code 84

[605]: \_\_/\_\_/\_\_ Access code 21  
\_\_/\_\_/\_\_ Access code 22  
\_\_/\_\_/\_\_ Access code 23  
\_\_/\_\_/\_\_ Access code 24

[613]: \_\_/\_\_/\_\_ Access code 53  
\_\_/\_\_/\_\_ Access code 54  
\_\_/\_\_/\_\_ Access code 55  
\_\_/\_\_/\_\_ Access code 56

[621]: \_\_/\_\_/\_\_ Access code 85  
\_\_/\_\_/\_\_ Access code 86  
\_\_/\_\_/\_\_ Access code 87  
\_\_/\_\_/\_\_ Access code 88

[606]: \_\_/\_\_/\_\_ Access code 25  
\_\_/\_\_/\_\_ Access code 26  
\_\_/\_\_/\_\_ Access code 27  
\_\_/\_\_/\_\_ Access code 28

[614]: \_\_/\_\_/\_\_ Access code 57  
\_\_/\_\_/\_\_ Access code 58  
\_\_/\_\_/\_\_ Access code 59  
\_\_/\_\_/\_\_ Access code 60

[622]: \_\_/\_\_/\_\_ Access code 89  
\_\_/\_\_/\_\_ Access code 90  
\_\_/\_\_/\_\_ Access code 91  
\_\_/\_\_/\_\_ Access code 92

[607]: \_\_/\_\_/\_\_ Access code 29  
\_\_/\_\_/\_\_ Access code 30  
\_\_/\_\_/\_\_ Access code 31  
\_\_/\_\_/\_\_ Access code 32

[615]: \_\_/\_\_/\_\_ Access code 61  
\_\_/\_\_/\_\_ Access code 62  
\_\_/\_\_/\_\_ Access code 63  
\_\_/\_\_/\_\_ Access code 64

[623]: \_\_/\_\_/\_\_ Access code 93  
\_\_/\_\_/\_\_ Access code 94  
\_\_/\_\_/\_\_ Access code 95  
\_\_/\_\_/\_\_ Access code 96

## Arming Report Codes (con't)

[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/Remote Arming  
\_\_/\_\_/\_\_ Late to close  
\_\_/\_\_/\_\_ No Movement

[627]: \_\_/\_\_/\_\_ Partial Arming  
\_\_/\_\_/\_\_ Quick Arming  
\_\_/\_\_/\_\_ Closing Delinquency  
\_\_/\_\_/\_\_ N/A

## Disarming Report Codes

[628]: \_\_/\_\_/\_\_ Access code 1  
\_\_/\_\_/\_\_ Access code 2  
\_\_/\_\_/\_\_ Access code 3  
\_\_/\_\_/\_\_ Access code 4

[636]: \_\_/\_\_/\_\_ Access code 33  
\_\_/\_\_/\_\_ Access code 34  
\_\_/\_\_/\_\_ Access code 35  
\_\_/\_\_/\_\_ Access code 36

[644]: \_\_/\_\_/\_\_ Access code 65  
\_\_/\_\_/\_\_ Access code 66  
\_\_/\_\_/\_\_ Access code 67  
\_\_/\_\_/\_\_ Access code 68

[629]: \_\_/\_\_/\_\_ Access code 5  
\_\_/\_\_/\_\_ Access code 6  
\_\_/\_\_/\_\_ Access code 7  
\_\_/\_\_/\_\_ Access code 8

[637]: \_\_/\_\_/\_\_ Access code 37  
\_\_/\_\_/\_\_ Access code 38  
\_\_/\_\_/\_\_ Access code 39  
\_\_/\_\_/\_\_ Access code 40

[645]: \_\_/\_\_/\_\_ Access code 69  
\_\_/\_\_/\_\_ Access code 70  
\_\_/\_\_/\_\_ Access code 71  
\_\_/\_\_/\_\_ Access code 72

[630]: \_\_/\_\_/\_\_ Access code 9  
\_\_/\_\_/\_\_ Access code 10  
\_\_/\_\_/\_\_ Access code 11  
\_\_/\_\_/\_\_ Access code 12

[638]: \_\_/\_\_/\_\_ Access code 41  
\_\_/\_\_/\_\_ Access code 42  
\_\_/\_\_/\_\_ Access code 43  
\_\_/\_\_/\_\_ Access code 44

[646]: \_\_/\_\_/\_\_ Access code 73  
\_\_/\_\_/\_\_ Access code 74  
\_\_/\_\_/\_\_ Access code 75  
\_\_/\_\_/\_\_ Access code 76

[631]: \_\_/\_\_/\_\_ Access code 13  
\_\_/\_\_/\_\_ Access code 14  
\_\_/\_\_/\_\_ Access code 15  
\_\_/\_\_/\_\_ Access code 16

[639]: \_\_/\_\_/\_\_ Access code 45  
\_\_/\_\_/\_\_ Access code 46  
\_\_/\_\_/\_\_ Access code 47  
\_\_/\_\_/\_\_ Access code 48

[647]: \_\_/\_\_/\_\_ Access code 77  
\_\_/\_\_/\_\_ Access code 78  
\_\_/\_\_/\_\_ Access code 79  
\_\_/\_\_/\_\_ Access code 80

[632]: \_\_/\_\_/\_\_ Access code 17  
\_\_/\_\_/\_\_ Access code 18  
\_\_/\_\_/\_\_ Access code 19  
\_\_/\_\_/\_\_ Access code 20

[640]: \_\_/\_\_/\_\_ Access code 49  
\_\_/\_\_/\_\_ Access code 50  
\_\_/\_\_/\_\_ Access code 51  
\_\_/\_\_/\_\_ Access code 52

[648]: \_\_/\_\_/\_\_ Access code 81  
\_\_/\_\_/\_\_ Access code 82  
\_\_/\_\_/\_\_ Access code 83  
\_\_/\_\_/\_\_ Access code 84

[633]: \_\_/\_\_/\_\_ Access code 21  
\_\_/\_\_/\_\_ Access code 22  
\_\_/\_\_/\_\_ Access code 23  
\_\_/\_\_/\_\_ Access code 24

[641]: \_\_/\_\_/\_\_ Access code 53  
\_\_/\_\_/\_\_ Access code 54  
\_\_/\_\_/\_\_ Access code 55  
\_\_/\_\_/\_\_ Access code 56

[649]: \_\_/\_\_/\_\_ Access code 85  
\_\_/\_\_/\_\_ Access code 86  
\_\_/\_\_/\_\_ Access code 87  
\_\_/\_\_/\_\_ Access code 88

[634]: \_\_/\_\_/\_\_ Access code 25  
\_\_/\_\_/\_\_ Access code 26  
\_\_/\_\_/\_\_ Access code 27  
\_\_/\_\_/\_\_ Access code 28

[642]: \_\_/\_\_/\_\_ Access code 57  
\_\_/\_\_/\_\_ Access code 58  
\_\_/\_\_/\_\_ Access code 59  
\_\_/\_\_/\_\_ Access code 60

[650]: \_\_/\_\_/\_\_ Access code 89  
\_\_/\_\_/\_\_ Access code 90  
\_\_/\_\_/\_\_ Access code 91  
\_\_/\_\_/\_\_ Access code 92

[635]: \_\_/\_\_/\_\_ Access code 29  
\_\_/\_\_/\_\_ Access code 30  
\_\_/\_\_/\_\_ Access code 31  
\_\_/\_\_/\_\_ Access code 32

[643]: \_\_/\_\_/\_\_ Access code 61  
\_\_/\_\_/\_\_ Access code 62  
\_\_/\_\_/\_\_ Access code 63  
\_\_/\_\_/\_\_ Access code 64

[651]: \_\_/\_\_/\_\_ Access code 93  
\_\_/\_\_/\_\_ Access code 94  
\_\_/\_\_/\_\_ Access code 95  
\_\_/\_\_/\_\_ Access code 96



## Disarming Report Codes (con't)

[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/Remote Disarm  
\_\_/\_\_/\_\_ Cancel Alarm

## Alarm Report Codes

[655]: \_\_/\_\_/\_\_ Zone 1  
\_\_/\_\_/\_\_ Zone 2  
\_\_/\_\_/\_\_ Zone 3  
\_\_/\_\_/\_\_ Zone 4

[659]: \_\_/\_\_/\_\_ Zone 17  
\_\_/\_\_/\_\_ Zone 18  
\_\_/\_\_/\_\_ Zone 19  
\_\_/\_\_/\_\_ Zone 20

[663]: \_\_/\_\_/\_\_ Zone 33  
\_\_/\_\_/\_\_ Zone 34  
\_\_/\_\_/\_\_ Zone 35  
\_\_/\_\_/\_\_ Zone 36

[656]: \_\_/\_\_/\_\_ Zone 5  
\_\_/\_\_/\_\_ Zone 6  
\_\_/\_\_/\_\_ Zone 7  
\_\_/\_\_/\_\_ Zone 8

[660]: \_\_/\_\_/\_\_ Zone 21  
\_\_/\_\_/\_\_ Zone 22  
\_\_/\_\_/\_\_ Zone 23  
\_\_/\_\_/\_\_ Zone 24

[664]: \_\_/\_\_/\_\_ Zone 37  
\_\_/\_\_/\_\_ Zone 38  
\_\_/\_\_/\_\_ Zone 39  
\_\_/\_\_/\_\_ Zone 40

[657]: \_\_/\_\_/\_\_ Zone 9  
\_\_/\_\_/\_\_ Zone 10  
\_\_/\_\_/\_\_ Zone 11  
\_\_/\_\_/\_\_ Zone 12

[661]: \_\_/\_\_/\_\_ Zone 25  
\_\_/\_\_/\_\_ Zone 26  
\_\_/\_\_/\_\_ Zone 27  
\_\_/\_\_/\_\_ Zone 28

[665]: \_\_/\_\_/\_\_ Zone 41  
\_\_/\_\_/\_\_ Zone 42  
\_\_/\_\_/\_\_ Zone 43  
\_\_/\_\_/\_\_ Zone 44

[658]: \_\_/\_\_/\_\_ Zone 13  
\_\_/\_\_/\_\_ Zone 14  
\_\_/\_\_/\_\_ Zone 15  
\_\_/\_\_/\_\_ Zone 16

[662]: \_\_/\_\_/\_\_ Zone 29  
\_\_/\_\_/\_\_ Zone 30  
\_\_/\_\_/\_\_ Zone 31  
\_\_/\_\_/\_\_ Zone 32

[666]: \_\_/\_\_/\_\_ Zone 45  
\_\_/\_\_/\_\_ Zone 46  
\_\_/\_\_/\_\_ Zone 47  
\_\_/\_\_/\_\_ Zone 48

## Alarm Restore Report Codes

[667]: \_\_/\_\_/\_\_ Zone 1  
\_\_/\_\_/\_\_ Zone 2  
\_\_/\_\_/\_\_ Zone 3  
\_\_/\_\_/\_\_ Zone 4

[671]: \_\_/\_\_/\_\_ Zone 17  
\_\_/\_\_/\_\_ Zone 18  
\_\_/\_\_/\_\_ Zone 19  
\_\_/\_\_/\_\_ Zone 20

[675]: \_\_/\_\_/\_\_ Zone 33  
\_\_/\_\_/\_\_ Zone 34  
\_\_/\_\_/\_\_ Zone 35  
\_\_/\_\_/\_\_ Zone 36

[668]: \_\_/\_\_/\_\_ Zone 5  
\_\_/\_\_/\_\_ Zone 6  
\_\_/\_\_/\_\_ Zone 7  
\_\_/\_\_/\_\_ Zone 8

[672]: \_\_/\_\_/\_\_ Zone 21  
\_\_/\_\_/\_\_ Zone 22  
\_\_/\_\_/\_\_ Zone 23  
\_\_/\_\_/\_\_ Zone 24

[676]: \_\_/\_\_/\_\_ Zone 37  
\_\_/\_\_/\_\_ Zone 38  
\_\_/\_\_/\_\_ Zone 39  
\_\_/\_\_/\_\_ Zone 40

[669]: \_\_/\_\_/\_\_ Zone 9  
\_\_/\_\_/\_\_ Zone 10  
\_\_/\_\_/\_\_ Zone 11  
\_\_/\_\_/\_\_ Zone 12

[673]: \_\_/\_\_/\_\_ Zone 25  
\_\_/\_\_/\_\_ Zone 26  
\_\_/\_\_/\_\_ Zone 27  
\_\_/\_\_/\_\_ Zone 28

[677]: \_\_/\_\_/\_\_ Zone 41  
\_\_/\_\_/\_\_ Zone 42  
\_\_/\_\_/\_\_ Zone 43  
\_\_/\_\_/\_\_ Zone 44

[670]: \_\_/\_\_/\_\_ Zone 13  
\_\_/\_\_/\_\_ Zone 14  
\_\_/\_\_/\_\_ Zone 15  
\_\_/\_\_/\_\_ Zone 16

[674]: \_\_/\_\_/\_\_ Zone 29  
\_\_/\_\_/\_\_ Zone 30  
\_\_/\_\_/\_\_ Zone 31  
\_\_/\_\_/\_\_ Zone 32

[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  
\_\_/\_\_/\_\_ N/A  
\_\_/\_\_/\_\_ Duress

### Zone Tamper Report Codes

[681]: \_\_/\_\_/ Zone 1  
          \_\_/\_\_/ Zone 2  
          \_\_/\_\_/ Zone 3  
          \_\_/\_\_/ Zone 4

[685]: \_\_/\_\_/ Zone 17  
          \_\_/\_\_/ Zone 18  
          \_\_/\_\_/ Zone 19  
          \_\_/\_\_/ Zone 20

[689]: \_\_/\_\_/ Zone 33  
          \_\_/\_\_/ Zone 34  
          \_\_/\_\_/ Zone 35  
          \_\_/\_\_/ Zone 36

[682]: \_\_/\_\_/ Zone 5  
          \_\_/\_\_/ Zone 6  
          \_\_/\_\_/ Zone 7  
          \_\_/\_\_/ Zone 8

[686]: \_\_/\_\_/ Zone 21  
          \_\_/\_\_/ Zone 22  
          \_\_/\_\_/ Zone 23  
          \_\_/\_\_/ Zone 24

[690]: \_\_/\_\_/ Zone 37  
          \_\_/\_\_/ Zone 38  
          \_\_/\_\_/ Zone 39  
          \_\_/\_\_/ Zone 40

[683]: \_\_/\_\_/ Zone 9  
          \_\_/\_\_/ Zone 10  
          \_\_/\_\_/ Zone 11  
          \_\_/\_\_/ Zone 12

[687]: \_\_/\_\_/ Zone 25  
          \_\_/\_\_/ Zone 26  
          \_\_/\_\_/ Zone 27  
          \_\_/\_\_/ Zone 28

[691]: \_\_/\_\_/ Zone 41  
          \_\_/\_\_/ Zone 42  
          \_\_/\_\_/ Zone 43  
          \_\_/\_\_/ Zone 44

[684]: \_\_/\_\_/ Zone 13  
          \_\_/\_\_/ Zone 14  
          \_\_/\_\_/ Zone 15  
          \_\_/\_\_/ Zone 16

[688]: \_\_/\_\_/ Zone 29  
          \_\_/\_\_/ Zone 30  
          \_\_/\_\_/ Zone 31  
          \_\_/\_\_/ Zone 32

[692]: \_\_/\_\_/ Zone 45  
          \_\_/\_\_/ Zone 46  
          \_\_/\_\_/ Zone 47  
          \_\_/\_\_/ Zone 48

### Zone Tamper Restore Report Codes

[693]: \_\_/\_\_/ Zone 1  
          \_\_/\_\_/ Zone 2  
          \_\_/\_\_/ Zone 3  
          \_\_/\_\_/ Zone 4

[697]: \_\_/\_\_/ Zone 17  
          \_\_/\_\_/ Zone 18  
          \_\_/\_\_/ Zone 19  
          \_\_/\_\_/ Zone 20

[701]: \_\_/\_\_/ Zone 33  
          \_\_/\_\_/ Zone 34  
          \_\_/\_\_/ Zone 35  
          \_\_/\_\_/ Zone 36

[694]: \_\_/\_\_/ Zone 5  
          \_\_/\_\_/ Zone 6  
          \_\_/\_\_/ Zone 7  
          \_\_/\_\_/ Zone 8

[698]: \_\_/\_\_/ Zone 21  
          \_\_/\_\_/ Zone 22  
          \_\_/\_\_/ Zone 23  
          \_\_/\_\_/ Zone 24

[702]: \_\_/\_\_/ Zone 37  
          \_\_/\_\_/ Zone 38  
          \_\_/\_\_/ Zone 39  
          \_\_/\_\_/ Zone 40

[695]: \_\_/\_\_/ Zone 9  
          \_\_/\_\_/ Zone 10  
          \_\_/\_\_/ Zone 11  
          \_\_/\_\_/ Zone 12

[699]: \_\_/\_\_/ Zone 25  
          \_\_/\_\_/ Zone 26  
          \_\_/\_\_/ Zone 27  
          \_\_/\_\_/ Zone 28

[703]: \_\_/\_\_/ Zone 41  
          \_\_/\_\_/ Zone 42  
          \_\_/\_\_/ Zone 43  
          \_\_/\_\_/ Zone 44

[696]: \_\_/\_\_/ Zone 13  
          \_\_/\_\_/ Zone 14  
          \_\_/\_\_/ Zone 15  
          \_\_/\_\_/ Zone 16

[700]: \_\_/\_\_/ Zone 29  
          \_\_/\_\_/ Zone 30  
          \_\_/\_\_/ Zone 31  
          \_\_/\_\_/ Zone 32

[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]: \_\_\_ / \_\_\_ Combus 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]: \_\_\_ / \_\_\_ Combus 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 Contact ID or SIA Reporting formats (section [550] page 30), default report codes can be programmed automatically. After automatic defaults are set, they can be changed and the remaining report codes can be set manually.

Section #	Description
[790]	ALL CODES [600] to [718]
[791]	ARMING & DISARMING CODES [600] to [654]
[792]	ALARM & ALARM RESTORE CODES [655] to [680]
[793]	TAMPER & TAMPER RESTORE CODES [681] to [705]
[794]	TROUBLE & TROUBLE RESTORE CODES [706] to [716]
[795]	SPECIAL CODES [717] to [718]

## 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
Closing Delinquency	1 654 - System Inactivity	CD - System Inactivity
Disarm with Master Code (##)	1 4A1 - Open by user	OP - Opening Report
Disarm with User Code (##)	1 4A1 - Open by user	OP - Opening Report
Disarm with Keyswitch (##)	1 4A9 - Keyswitch Open	OS - Opening Keyswitch
Disarm after alarm* with Master Code (##)	1 4A1 - Open by user	OP - Opening Report
Disarm after alarm* with User Code (##)	1 4A1 - Open by user	OP - Opening Report
Disarm after alarm* with Keyswitch (##)	1 4A1 - Keyswitch Open	OS - Opening Keyswitch
Cancel alarm** with Master Code (##)	1 4A6 - Open by User	OR - Disarm from Alarm
Cancel alarm** with User Code (##)	1 4A6 - Open by User	OR - Disarm from Alarm
Cancel alarm** with Keyswitch (##)	1 4A6 - 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 - Hold-up Alarm
Zone shutdown (##)	1 57A - Zone bypass	UB - Untyped Zone Bypass
Zone tampered (##)	1 144 - Sensor tamper	TA - Tamper Alarm
Zone tamper restore (##)	3 144 - Sensor tamper restore	TR - Tamper Restoral
Keypad Lockout	1 421 - Access denied	JA - User Code Tamper

\* An armed system is or was in alarm and was disarmed by a user.

\*\* A disarmed system is or was in alarm (e.g. 24Hr zone) and was disarmed by a user.

<b>System Event</b>	<b>Default Contact ID Report Code when using sections [790] to [795]</b>	<b>Default SIA Report Code when using sections [790] to [795]</b>
AC Failure	1 3A1 - AC loss	AT - AC Trouble
Battery Failure	1 3A9 - Battery test failure	YT - System Battery Trouble
Auxiliary supply trouble	1 3AA - System trouble	YP - Power Supply Trouble
Bell output current limit	1 321 - Bell 1	YA - Bell Fault
Bell absent	1 321 - Bell 1	YA - Bell Fault
Clock lost	1 626 - Time/Date inaccurate	JT - Time Changed
Fire loop trouble	1 373 - Fire trouble	FT - Fire Trouble
TLM trouble restore	3 351 - Telco 1 fault restore	LR - Phone Line restoral
AC Failure restore	3 3A1 - AC loss restore	AR - AC Restoral
Battery Failure restore	3 3A9 - Battery test restore	YR - System Battery Restoral
Auxiliary supply trouble restore	3 3AA - System trouble restore	YQ - Power Supply restored
Bell output current limit restore	3 321 - Bell 1 restore	YH - Bell Restored
Bell absent restore	3 321 - Bell 1 restore	YH - Bell Restored
Clock programmed	3 625 - Time/Date Reset	JT - Time Changed
Fire loop trouble restore	3 373 - Fire trouble restore	FJ - Fire Trouble Restore
Combus fault	1 333 - Expansion module failure	ET - Expansion Trouble
Module tamper	1 145 - Expansion module tamper	TA - Tamper Alarm
Module ROM_RAM_error	1 3A4 - Rom checksum bad	YF - Parameter Checksum Fail
Module TLM trouble	1 352 - Telco 2 fault	LT - Phone Line trouble
Module fail to communicate to monitoring station.	1 354 - Fail to communicate	YC - Communication Fails
Printer fault	1 336 - Local printer failure	VT - Printer Trouble
Module AC Failure	1 3A1 - AC loss	AT - AC Trouble
Module battery failure	1 3A9 - Battery test failure	YT - System Battery Trouble
Module Auxiliary supply trouble	1 3AA - System trouble	YP - Power Supply Trouble
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 monitoring station	1 354 - Fail to communicate	YC - Communication Fails
Module RF low battery	1 384 - RF transmitter low battery	XT - Transmitter Battery Trouble
Module RF 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	CID#	Reporting Code	Prog. Value	CID#	Reporting Code	Prog. Value
<b>MEDICAL ALARMS - 100</b>			204	Low Water Level	2F	403	Automatic O/C	5D
100	Medical Alarm	01	205	Pump Activated	30	404	Late to O/C	5E
101	Pendant Transmitter	02	206	Pump Failure	31	405	Deferred	5F
102	Fail to Report In	03	<b>SYSTEM TROUBLES - 300 &amp; 310</b>			406	Cancel	60
<b>FIRE ALARMS - 110</b>			300	System Trouble	32	407	Remote Arm/Disarm	61
110	Fire Alarm	04	301	AC Loss	33	408	Quick Arm	62
111	Smoke	05	302	Low System Battery	34	409	Keypad O/C	63
112	Combustion	06	303	RAM Checksum Bad	35	<b>REMOTE ACCESS - 410</b>		
113	Water Flow	07	304	ROM Checksum Bad	36	411	Callback Request Made	64
114	Heat	08	305	System Reset	37	412	Success - Download Access	65
115	Pull Station	09	306	Panel Program Changed	38	413	Unsuccessful Access	66
116	Duct	0A	307	Self-Test Failure	39	414	System Shutdown	67
117	Flame	0B	308	System Shutdown	3A	415	Dialer Shutdown	68
118	Near Alarm	0C	309	Battery Test Failure	3B	<b>ACCESS CONTROL - 420</b>		
<b>PANIC ALARMS - 120</b>			310	Ground Fault	3C	421	Access Denied	69
120	Panic Alarm	0D	<b>SOUNDER/RELAY TROUBLES - 320</b>			422	Access Report By User	6A
121	Duress	0E	320	Sounder Relay	3D	<b>SOUNDER RELAY DISABLES - 520</b>		
122	Silent	0F	321	Bell 1	3E	520	Sounder/Relay Disabled	6B
123	Audible	10	322	Bell 2	3F	521	Bell 1 Disable	6C
<b>BURGLAR ALARMS - 130</b>			323	Alarm Relay	40	522	Bell 2 Disable	6D
130	Burglary	11	324	Trouble Relay	41	523	Alarm Relay Disable	6E
131	Perimeter	12	325	Reversing	42	524	Trouble Relay Disable	6F
132	Interior	13	<b>SYSTEM PERIPHERAL TROUBLES - 330 &amp; 340</b>			525	Reversing Relay Disable	70
133	24-Hour	14	330	System Peripheral	43	<b>COMMUNICATION DISABLES - 550 &amp; 560</b>		
134	Entry/Exit	15	331	Polling Loop Open	44	551	Dialer Disabled	71
135	Day/Night	16	332	Polling Loop Short	45	552	Radio xmitter Disabled	72
136	Outdoor	17	333	Exp. Module Failure	46	<b>BYPASSES - 570</b>		
137	Tamper	18	334	Repeater Failure	47	570	Zone Bypass	73
138	Near Alarm	19	335	Local Printer Paper Out	48	571	Fire Bypass	74
<b>GENERAL ALARMS - 140</b>			336	Local Printer Failure	49	572	24-Hour Zone Bypass	75
140	General Alarm	1A	<b>COMMUNICATION TROUBLES - 350 &amp; 360</b>			573	Burg. Bypass	76
141	Polling Loop Open	1B	350	Communication	4A	574	Group Bypass	77
142	Polling Loop Short	1C	351	Telco Fault 1	4B	<b>TEST/MISC. - 600</b>		
143	Expansion Module Failure	1D	352	Telco Fault 2	4C	601	Manual Trigger Test	78
144	Sensor Tamper	1E	353	Long Range Radio	4D	602	Periodic Test Report	79
145	Expansion Module Tamper	1F	354	Fail to Communicate	4E	603	Periodic RF Xmission	7A
<b>24-HOUR NON-BURGLARY - 150 &amp; 160</b>			355	Loss of Radio Supervision	4F	604	Fire Test	7B
150	24-Hour Non-Burglary	20	356	Loss of Central Polling	50	605	Status Report to Follow	7C
151	Gas Detected	21	<b>PROTECTION LOOP TROUBLES - 370</b>			606	Listen-in to Follow	7D
152	Refrigeration	22	370	Protection Loop	51	607	Walk Test Mode	7E
153	Loss of Heat	23	371	Protection Loop Open	52	621	Event Log Reset	7F
154	Water Leakage	24	372	Protection Loop short	53	622	Event Log 50% Full	80
155	Foil Break	25	373	Fire Trouble	54	623	Event Log 90% Full	81
156	Day Trouble	26	<b>SENSOR TROUBLES - 380</b>			624	Event Log Overflow	82
157	Low Bottled Gas Level	27	380	Sensor Trouble	55	625	Time/Date Reset	83
158	High Temp	28	381	Loss of Super. -RF	56	626	Time/Date Inaccurate	84
159	Low Temp	29	382	Loss of Super. - RPM	57	627	Program Mode Entry	85
161	Loss of Air Flow	2A	383	Sensor Tamper	58	628	Program Mode Exit	86
<b>FIRE SUPERVISORY - 200 &amp; 210</b>			384	RF xmtr. Low Battery	59	631	Exception Schedule Change	87
200	Fire Supervisory	2B	<b>OPEN/CLOSE - 400</b>					
201	Low Water Pressure	2C	400	Open/Close	5A			
202	Low CO2	2D	401	O/C by User	5B			
203	Gate Valve Sensor	2E	402	Group O/C	5C			

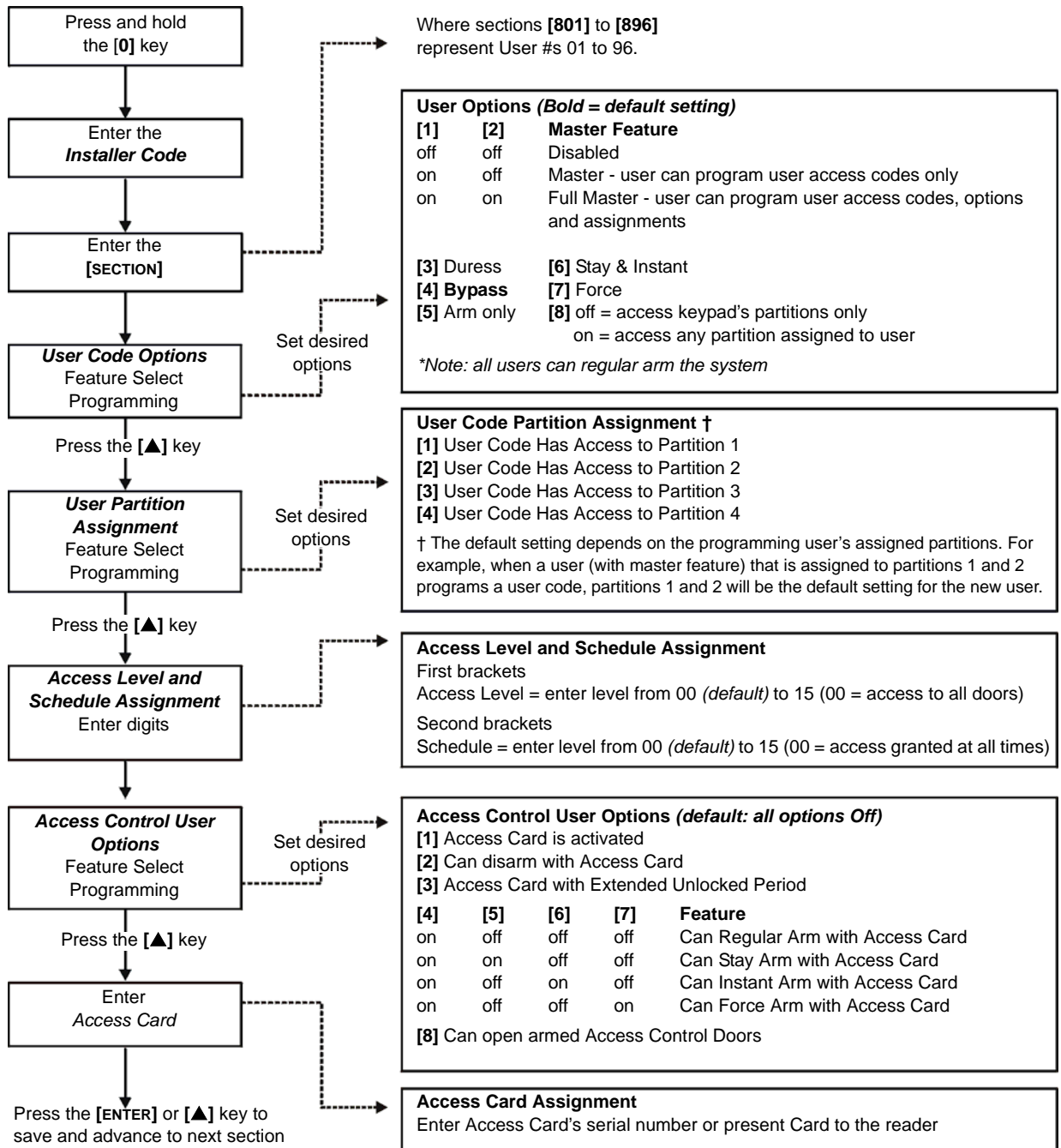
# Other Settings and Modes

Section #	Data	Description	Default
[800]	___/___/___/___/___/___	INSTALLER CODE	000000
[801] to [896]			

The instructions that follow detail how to program access codes when using an LCD keypad. For instructions on how to program users when using a Grafica keypad, refer to Grafica's User Manual. A complete Grafica user manual is available on our website at paradox.com. Program User Code Options, Partition Assignment and Access Control features for users 001 to 096. Refer to the appropriate keypad User's Manual for instructions on how certain users can also program these values.



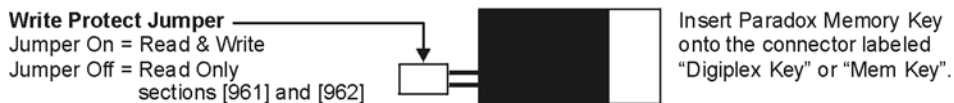
To program user labels, refer to the LCD Keypad System Manager's Manual.



- Section # Description**
- [900] Display Serial Number of Control Panel and All Modules Connected to the Combus:**  
 After entering section [900], the keypad will display the 8-digit serial number of the control panel:  
*For LCD Keypads:* Use the [▲] and [▼] keys to scroll through the serial number of each module on the combus.  
*For Grafica keypads:* Press the center action key (**Next**) to scroll through the serial number of each module on the combus.
- [950] Reset System Master Code:**  
 To reset the System Master Code to 123456 and reset the options to default, put the “reset” jumper to on and enter section [950]. You do not have to remove power from the control panel.
- [951] Module Reset:**  
 Reset a 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 combus by entering the module’s serial number. The green “LOCATE” LED on the module will begin to flash until the serial number is re-entered or the appropriate “tamper” or “unlocate” switch on the module is pressed.
- [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 of the same type. Enter the serial number of the source module, followed by the serial numbers of the modules you wish to program. To begin transferring data, press [ACC] on LCD keypads or the center action key (**Start**) on Grafica keypads.  
**PLEASE NOTE: The Module Broadcast feature will only work when a module is broadcasting its data to a module or to modules of the same type and model number. For example, an APR-PRT1 (Printer Module) cannot broadcast to an APR3-PRT1. Likewise, a DGP module cannot broadcast to a DGP2 module.**
- [955] Remove Modules:**  
 After entering the section, the control panel will scan all modules connected to the combus. If any missing modules are detected (i.e. detector removed from the combus), the control panel will erase the module's serial number, removing the module from the control panel's memory.

### Paradox Memory Key

- [961]** Download from the *Memory Key* to control panel **except** sections [001] to [056].
- [962]** Download from the *Memory Key* to control panel **including** sections [001] to [056].
- [965]** Copy the control panel sections to the *Memory Key* **except** sections [001] to [056].
- [966]** Copy the control panel sections to the *Memory Key* **including** sections [001] to [056].



### Download Memory Key to Control Panel

1. Remove AC and battery power from the control panel you want to program.
2. Insert the Memory Key onto the control panel’s connector labelled “DIGIPLX KEY”.
3. Re-apply AC and battery power.
4. To download the contents of the Memory Key **except** sections [001] to [048] (device serial numbers) and [049] to [056] (Keyswitch serial numbers), enter installer programming mode, then enter section [961]. To download the contents of the Memory Key **including** sections [001] to [048] and [049] to [056], enter installer programming mode, then enter section [962].
5. When the keypad emits a confirmation beep, **wait 10 seconds** and remove the Memory Key.



### Copy Control Panel to Memory Key

1. Remove AC and battery power from the control panel you want to copy.
2. Insert Memory Key onto the control panel’s connector labelled “DIGIPLX KEY”. Ensure the write protect jumper is on.
3. Re-apply AC and battery power.
4. To copy the contents to the Memory Key **except** sections [001] to [048] (device serial numbers)





- and [049] to [056] (Keyswitch serial numbers), enter installer programming mode, then enter section [965]. To copy the contents to the Memory Key **including** sections [001] to [048] and [049] to [056], enter section [966].
5. After the confirmation beep, **wait 10 seconds** and remove the Memory Key. Remove the Memory Key's jumper if you do not wish to accidentally overwrite its contents.

## 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 page 1).
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 [896] (except sections [451] to [498], [555], [556], [560], [790] to [795], and [800]) to default values. The Zone Labels, Panel ID, PC Password, PC Telephone Number, Installer Code, System Master Code, Event Buffer, and Automatic Report Codes will not be reset.
[974]	Entering this section resets the following Access Control sections: [301] to [332], [340] to [355], [361] to [375], [381] to [392], and [537].
[975]	Entering this section will reset all Zone and Keyswitch programming sections from [001] to [056], and [101] to [156] to default values.
[976]	Entering this section will reset the following sections to default values: [200] to [261], [270] to [274], [400] to [409], and [440] to [442].
[977]	Entering this section will reset sections from [500] to [522] to default values.
[978]	Entering this section will reset the following communication sections to default values: [521] to [536], [550] to [554], [561] to [564], and [600] to [718].
[979]	Entering this section will reset all user code sections from [801] to [896] to default values.

Section #	Data	Description	Default
[990]	___/___/___ (147=lock, 000=unlock)	LOCK INSTALLER CODE	000

## Installer Function Keys

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

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

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

[STAY]	<i>Test Report:</i> Sends the "Test Report" report code programmed in section [717] to the monitoring station.
[FORCE]	<i>Call WinLoad Software:</i> Will dial the PC telephone number programmed in section [560] in order to initiate communication with a computer using the WinLoad Upload/Download software.
[ARM]	<i>Answer WinLoad Software:</i> Will force the control panel to answer a call made by the monitoring station that is using the WinLoad upload/download software.
[DISARM]	<i>Cancel Communication:</i> Cancels all communication with the WinLoad Software or with the monitoring station until the next reportable event.
[MEM]	<i>Installer Test Mode:</i> The installer test mode will allow you to perform walk tests where the bell or siren will squawk to indicate opened zones. Press [MEM] again to exit. Partitions can not be armed if the Installer Test Mode is enabled.
[TRBL]	<i>Start Module Scan:</i> The keypad will display the serial number of each module on the bus.
[ACC]	For LCD Keypads (DGP2-641BL/RB) only <i>Combust Voltmeter:</i> Verify if the combust is supplying sufficient power. A reading of 12.3V indicates that the voltage is too low. The voltage may drop during the control panel battery test.

# Power Consumption

Table 3: Power Consumption Table

Description	QTY.	mA used by each	Total mA
Grafica Graphic LCD Keypads (DNE-K07):	_____	X 130mA =	_____ mA
LCD Keypads (DGP2-641BL):	_____	X 110mA =	_____ mA
LCD Keypads with Built-in Reader (DGP2-641RB):	_____	X 120mA =	_____ mA
Icon LCD Keypads (DGP2-640):	_____	X 95mA =	_____ mA
LED Keypads (DGP2-648):	_____	X 110mA =	_____ mA
Motion Detector Modules (DG85, DGP2-50/60/70):	_____	X 30mA =	_____ mA
Door Contact Modules (DGP2-ZC1):	_____	X 15mA =	_____ mA
1-Zone Expansion Modules (DGP2-ZX1):	_____	X 30mA =	_____ mA
4-Zone Expansion Modules (APR3-ZX4):	_____	X 30mA =	_____ mA
8-Zone Expansion Modules (APR3-ZX8):	_____	X 30mA =	_____ mA
Magellan Wireless Expansion Modules (MG-RCV3):	_____	X 35mA =	_____ mA
4-PGM Expansion Modules (APR3-PGM4):	_____	X 150mA =	_____ mA
Printer Modules (APR3-PRT1):	_____	X 25mA =	_____ mA
DVACS Modules (DGP2-DVAC):	_____	X 40mA =	_____ mA
Annunciator Modules (DGP2-ANC1):	_____	X 20mA =	_____ mA
InTouch Voice-Assisted Arm/Disarm Modules (APR3-ADM2):	_____	X 105mA =	_____ mA
Hub and Bus Isolator (APR3-HUB2):	_____	X 50mA =	_____ mA
Access Control Module (DGP-ACM11): <b>Note:</b> The DGP-ACM11 consumes 130mA from its own power supply or 120mA when connected on the combus for power.	_____	X 120mA =	_____ mA
Other devices such as hardwired motion detectors			_____ mA
<b>Maximum available power = 700mA</b>		<b>GRAND TOTAL</b>	_____ mA

- Using Table 3, calculate the total amount of power required by each device, module, and accessory in the system. Please take into account devices connected to the control panel's PGM outputs. Since the BELL output has its own power supply, do not include the sirens connected to it in the calculation.
- If the Grand Total is less than 700mA, go to step 3. If the value is greater, you will require an external power supply (see *External Power Supply* on page 45) to provide the additional power needed. Proceed with 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 amount of power. Using Table 4, determine how much power each length of wire can support. Please note that the total amount of power can never surpass 700mA

Table 4: Power Limitations For Each Run of Wire

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

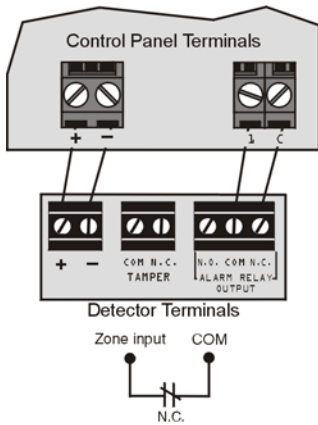
Gauge: 22AWG Surface: 0.326mm <sup>2</sup>	
Length of each run of wire	Available Power (mA)
30m(100ft.)	700
61m(200ft.)	682
91m(300ft.)	454
122m(400ft.)	341
152m(500ft.)	273
183m(600ft.)	227
213m(700ft.)	195
244m(800ft.)	170
274m(900ft.)	151
305m(1000ft.)	136

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

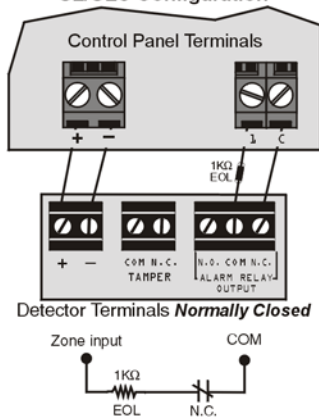
# Hardware Connections

## SINGLE ZONE INPUTS

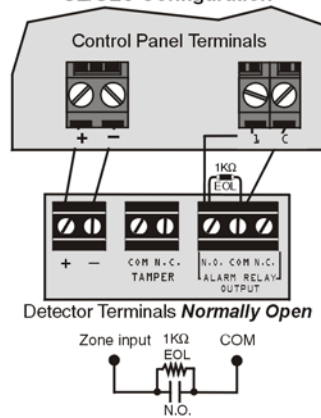
**N.C. Contacts, No EOL**



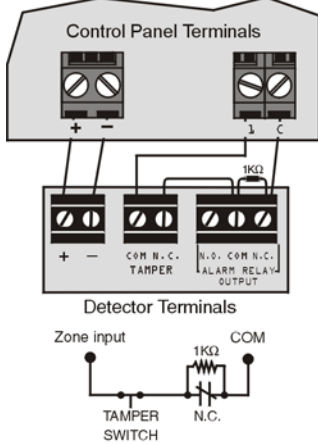
**N.C., With EOL  
UL/ULC Configuration**



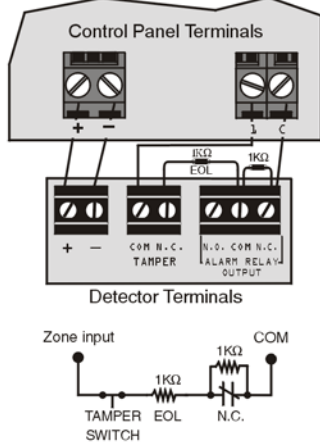
**N.O., With EOL  
UL/ULC Configuration**



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

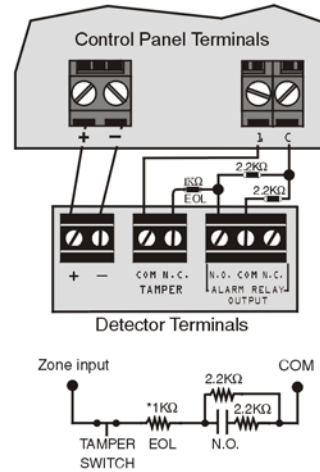


**N.C., With EOL, With Tamper &  
Wire Fault Recognition (UL/ULC)**



**N.O., With EOL, With Tamper &  
Wire Fault Recognition**

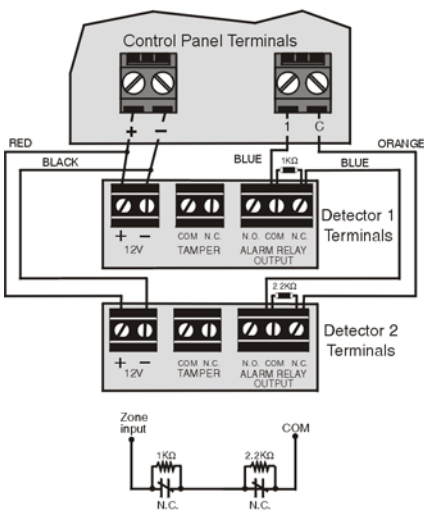
Enable ATZ (option [8] in section [504]) and connect as follows (extra input cannot be used)



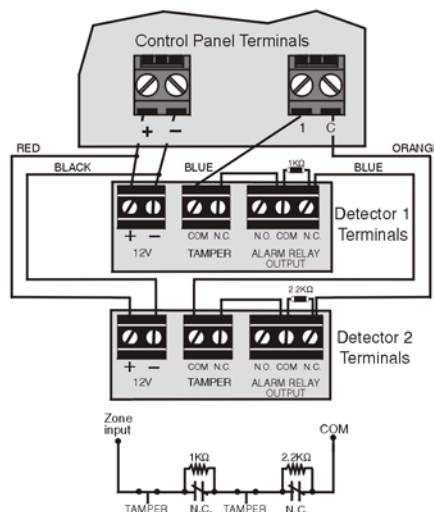
*\*for installations without EOL, remove the 1KΩ resistor*

## ATZ - Double Zone Inputs

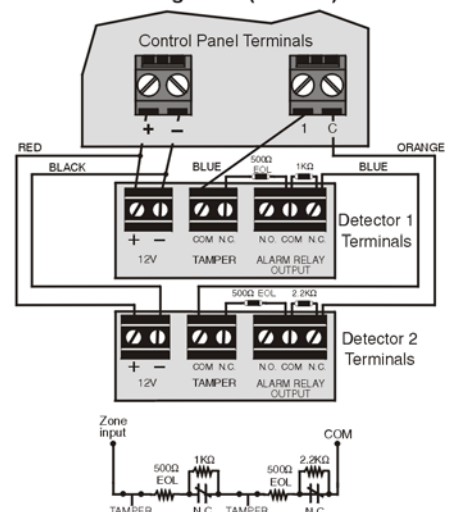
**N.C. Contact,  
No EOL Resistor**



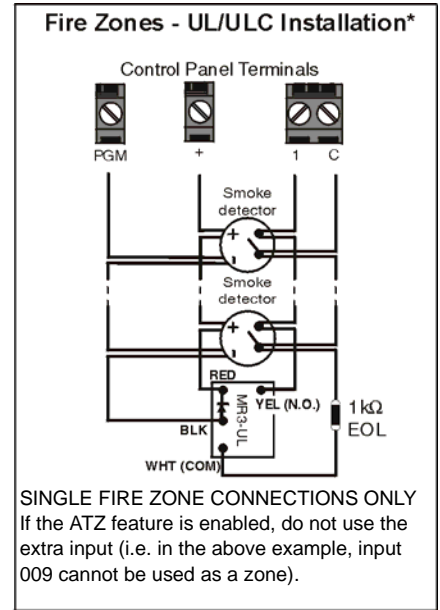
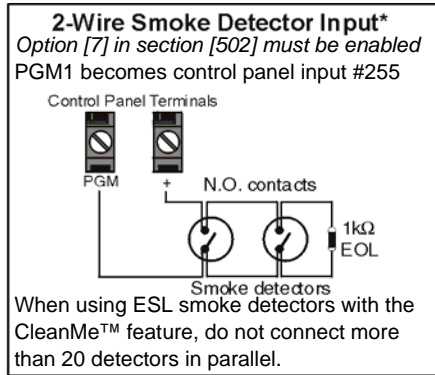
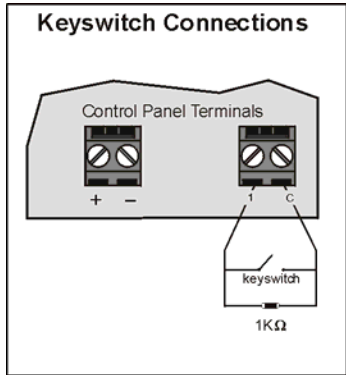
**N.C. Contact, No EOL,  
With Tamper Recognition**



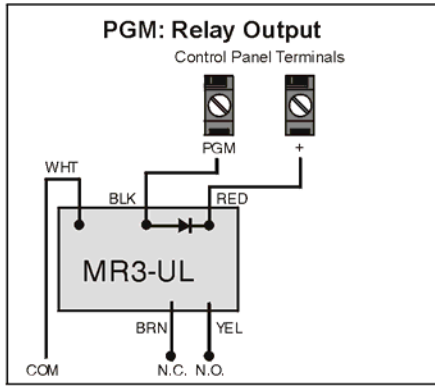
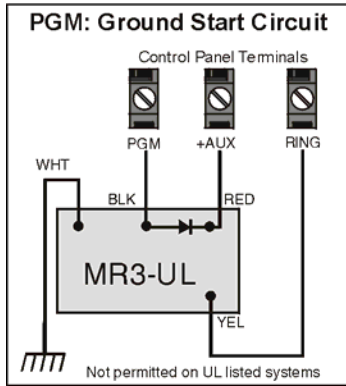
**N.C. Contacts, With EOL,  
With Tamper & Wire Fault  
Recognition (UL/ULC)**



## Connections

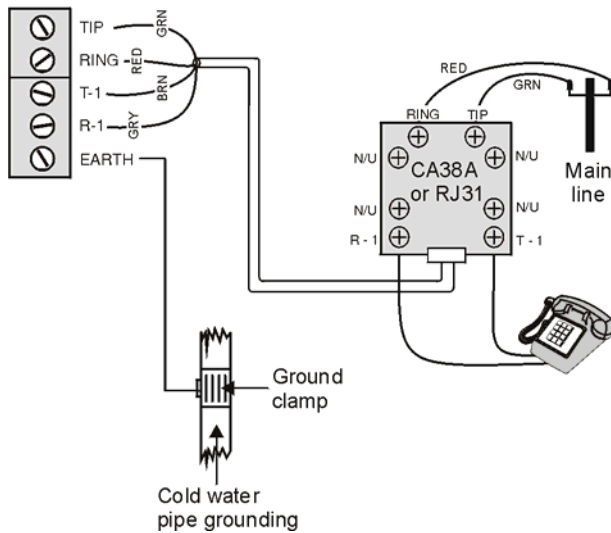


**\*Note: It is recommended that all 2-wire and 4-wire smoke detectors be connected in a daisy chain configuration.**



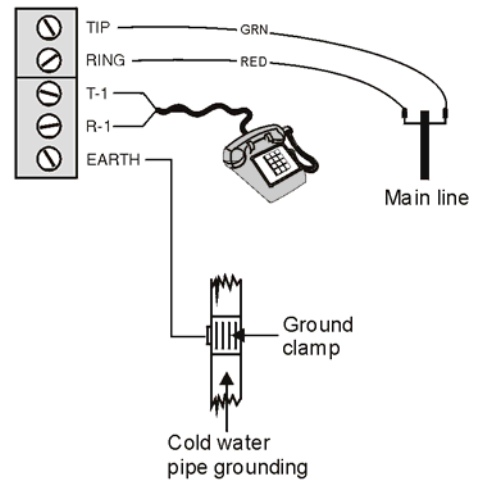
## Telephone Line Connections

Digiplex  
DGP-848  
Dialer



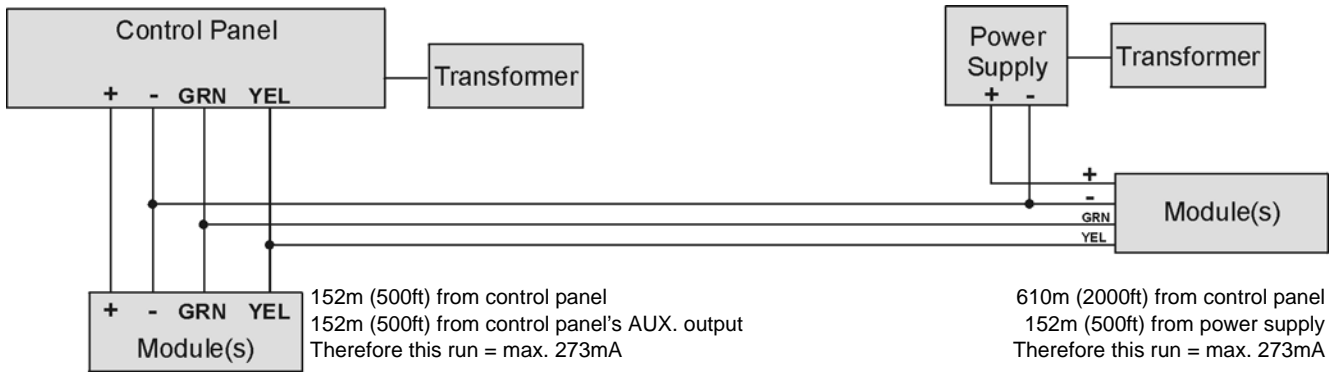
OR

Digiplex  
DGP-848  
Dialer



## External Power Supply

Devices connected to a power supply do not draw power from the control panel's auxiliary output.



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

## Connecting the Combus in Noisy Environments

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

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

**Across Separate Buildings:** Strip the outer jacket at one end of the shielded cable to expose the shield. In the same building that houses the control panel, connect the exposed shield to a cold water pipe or any other earth ground available, while leaving the shield at the other end of the cable open (floating). The same configuration applies for any subsequent building.

# DGP2-641BL/RB Programming



DGP2-641BL V1.1  
DGP2-641RB V2.0

The keypad's serial number can be found on the keypad's PC board. The keypad's serial number can also be viewed by pressing and holding the **[0]** key, entering the **[INSTALLER CODE]** and then entering section **[000]**.

△ = Default setting

## SECTION [001] : Keypad Partition Assignment

Option	OFF	ON
[1] Partition 1	<input type="checkbox"/> Disabled	△ Enabled
[2] Partition 2	<input type="checkbox"/> Disabled	△ Enabled
[3] Partition 3	<input type="checkbox"/> Disabled	△ Enabled
[4] Partition 4	<input type="checkbox"/> Disabled	△ Enabled
[5] Partition 5 (DGP-NE96 only)	<input type="checkbox"/> Disabled	△ Enabled
[6] Partition 6 (DGP-NE96 only)	<input type="checkbox"/> Disabled	△ Enabled
[7] Partition 7 (DGP-NE96 only)	<input type="checkbox"/> Disabled	△ Enabled
[8] Partition 8 (DGP-NE96 only)	<input type="checkbox"/> Disabled	△ Enabled

## SECTION [002]: Assigning Doors to Partitions †

Option	OFF	ON
[1] Door Assigned to Partition 1	<input type="checkbox"/> Disabled	△ Enabled
[2] Door Assigned to Partition 2	△ Disabled	<input type="checkbox"/> Enabled
[3] Door Assigned to Partition 3	△ Disabled	<input type="checkbox"/> Enabled
[4] Door Assigned to Partition 4	△ Disabled	<input type="checkbox"/> Enabled
[5] Door Assigned to Partition 5 (DGP-NE96 only)	△ Disabled	<input type="checkbox"/> Enabled
[6] Door Assigned to Partition 6 (DGP-NE96 only)	△ Disabled	<input type="checkbox"/> Enabled
[7] Door Assigned to Partition 7 (DGP-NE96 only)	△ Disabled	<input type="checkbox"/> Enabled
[8] Door Assigned to Partition 8 (DGP-NE96 only)	△ Disabled	<input type="checkbox"/> Enabled

## SECTION [003]: General Options 1

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

## SECTION [004]: General Options 2

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

## SECTION [005] : Beep on Trouble

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

## SECTION [006]: PGM and Tamper Options

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

† Section/option is only available with DGP2-641RB

‡ Section/option is only available with DGP2-641BL

**SECTION [006]: General Options 3 †**

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

† Section/option is only available with DGP2-641RB.



\* This option cannot be turned ON and will always remain OFF.

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

† Section/option is only available with DGP2-641RB.

‡ Section/option is only available with DGP2-641BL

**Section [017] Door Unlocked Schedule †**

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

† Section/option is only available with DGP2-641RB.

Section [510]: Download from Memory Key (PMC-4) to DGP2-641RB.

Section [520]: Upload from DGP2-641RB to Memory Key (PMC-4).

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

‡ Section/option is only available with DGP2-641BL.



**Only Event Groups 000 to 055 and 070 can be used to program the module's PGM.**

**Message Programming**

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

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

Section [200] = "Paradox Security"

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

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

After entering the section corresponding to the desired message, the message can be re-programmed to suit your installation needs as detailed in Table 4. For example, section [101] "Zone 01" can be changed to "FRONT DOOR".

Table 4: Message Programming Special Function Keys

Key	Function	Details
[STAY]	Insert Space	Press the [STAY] key to insert a blank space at the current cursor's position.
[FORCE]	Delete	Press the [FORCE] key to delete the character or blank space found at the current cursor's position.
[ARM]	Delete Until the End	Press the [ARM] key to delete all characters and spaces to the right of the cursor and at the cursor's position.
[DISARM]	Numeric/Alphanumeric	Press the [DISARM] key to toggle the numeric keys to alphanumeric keys and vice versa. Numeric: Keys [0] to [9] represent numbers 0 to 9. Alphanumeric: refer to Table 5 below.
[BYP]	Lower/Upper Case	Press the [BYP] key to toggle from lower to upper case and vice versa.
[MEM]	Special Characters	After pressing the [MEM] key, the cursor will turn into a flashing black square. Using Table 6 below, enter the 3-digit number for the desired character.

Table 5: Alphanumeric Keys

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

Table 6: Special Characters

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

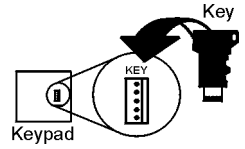


## Using the Memory Key

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

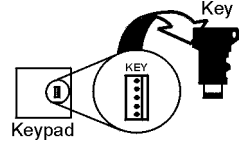
### Download Contents of the Memory Key to the LCD Keypad

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

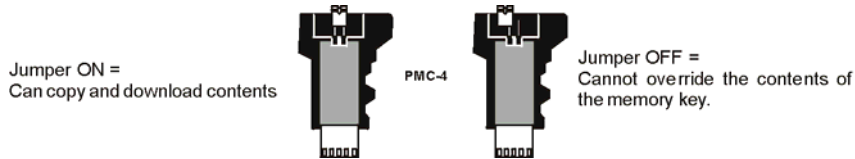


### Copy Contents of the LCD Keypad to the Memory Key

- 1) Insert Memory Key onto the keypad's connector labelled "KEY". Ensure that the write protect jumper is on (refer to <italics>Memory Key (PMC-4) below).
- 2) To copy the contents to the Memory Key, enter the keypad's programming mode and enter section [520].
- 3) Once the keypad emits a confirmation beep, wait for a second confirmation beep and then remove the Memory Key. Remove the Memory Key's jumper if you do not wish to accidentally overwrite its contents.



## Memory Key (PMC-4)



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

## Combus Voltmeter

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



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# Trouble Display

**To view the Trouble Display on LCD or LED keypads:**

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

**To view the Trouble Display on Grafica Keypads:**

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

TROUBLE GROUP [1]: SYSTEM		TROUBLE GROUP [2]: COMMUNICATOR	
[1] AC Failure [2] Battery Trouble [3] Aux. Current Limit	[4] Bell Current Limit [5] Bell Absent [6] ROM Check Error	[1] TLM [2] Fail to Com. 1 [3] Fail to Com. 2	[4] Fail to Com. 3 [5] Fail to Com. 4 [6] Fail to Com. PC
TROUBLE GROUP [3]: MODULE TROUBLE		TROUBLE GROUP [4]: COMBUS TROUBLES	
[1] Module Tamper [2] Module ROM Check Error [3] Module TLM Trouble [4] Module Fail to Com.	[5] Printer Trouble [6] Module AC Failure [7] Module Battery Failure [8] Module Supply Output	[1] Missing Keypad [2] Missing Module	[6] General Failure [7] Combus Overload [8] Combus Com. Error
TROUBLE GROUP [5]: ZONE TAMPER		TROUBLE GROUP [6]: ZONE LOW BATTERY	
Press the <b>[5]</b> button to display the tampered zone or zones.		Press the <b>[6]</b> button to display the zone(s) assigned to wireless devices with low batteries.	
TROUBLE GROUP [7]: ZONE FAULT		TROUBLE GROUP [8]: CLOCK LOSS	
Press the <b>[7]</b> button to display the zone(s) experiencing a communication, a fire loop or CleanMe™ trouble.		Press the <b>[8]</b> button to re-program the time.	

For technical support in Canada or the U.S., call 1-800-791-1919, Monday to Friday from 8:00 a.m. to 8:00 p.m. EST. For technical support outside Canada and the U.S., call 00-1-450-491-7444, Monday to Friday from 8:00 a.m. to 8:00 p.m. EST. Please feel free to visit our website at [paradox.com](http://paradox.com).



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