



MODULES PROGRAMMING GUIDE



PROGRAMMING METHODS

The modules can be programmed using the following methods:

- 1) Through the WinLoad Security Management Software. The modules can be programmed at 19,200 baud (or 38,400 baud with DigiplexNE) by connecting locally using a 306 adapter, remotely through a modem or locally using an ADP-1 adapter at 300 baud. Refer to the *WinLoad Help* for more information.
- 2) The module can also be programmed by using the *Module Broadcast Feature* of the control panel. Refer to the appropriate control panel *Reference & Installation Manual* for more information.
- 3) With a memory key (PMC-3; DNE-K07 and DGP2-641 only). Refer to "Memory Key (PMC-3)" on page 4 (DNE-K07) or page 7 (DGP2-641) for more information.
- 4) If programming through a keypad, the following programming methods can be used after entering the module's programming mode:
 - **Feature Select Programming:** Some of the modules' sections are programmed by enabling or disabling options. Within the sections, numbers from [1] to [8] represent a specific option. Press the button corresponding to the desired option. The selected digit will appear on the LCD screen. This means that the option is enabled. Press the key again to remove the digit from the display thereby disabling the option. Press the [ENTER] button when the desired options are set.
 - **Decimal Programming:** Some module sections require that a decimal value be entered. Ex: A PGM Timer will require a 3-digit time to be entered. With this method, any 3-digit number from 000 to 255 can be entered.
 - **Level Programming:** Some module sections are programmed using "Level Programming". In this section only one option can be enabled. To enable the option, use the ▲ and ▼ buttons until the option you want is illuminated, then press the [ENTER] button to set the option.

HOW DO I ENTER MODULE PROGRAMMING MODE?

Through any keypad connected to the combus:

- 1) Press and hold the [0] key.
- 2) Enter your [INSTALLER CODE].
- 3) Enter section [953] (Digiplex) or [4003] (DigiplexNE).
- 4) Enter the 8-digit [SERIAL NUMBER] of the module you wish to program.
- 5) Enter the 3-digit [SECTION] you wish to program.
- 6) Enter the required [DATA].

The module's serial number can be found on the module's PC board. We recommend that you use this programming guide to keep track of what was programmed and how.

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Grafica Graphic LCD Keypad Module



DNE-K07



Grafica Keypads can be used with DGP-848 and DGP-NE96 control panels only. Grafica will not function with DGP-48 control panels.

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	☐ Disabled	△ Enabled
[2] Partition 2	☐ Disabled	△ Enabled
[3] Partition 3	☐ Disabled	△ Enabled
[4] Partition 4	☐ Disabled	△ Enabled
[5] Partition 5 (DGP-NE96 only)	☐ Disabled	△ Enabled
[6] Partition 6 (DGP-NE96 only)	☐ Disabled	△ Enabled
[7] Partition 7 (DGP-NE96 only)	☐ Disabled	△ Enabled
[8] Partition 8 (DGP-NE96 only)	☐ Disabled	△ Enabled

SECTION [002] : System Options

Option	OFF	ON
[1] Display Code Entry	△ Disabled	☐ Enabled
[2] Display Exit Delay	☐ Disabled	△ Enabled
[3] Display Entry Delay	☐ Disabled	△ Enabled
[4] Confidential Mode (not for UL installations)	△ Disabled	☐ Enabled
[5] To exit Confidential Mode	△ Enter code	☐ Press Button
[6] Exit Delay Beep	☐ Disabled	△ Enabled
[7] Future Use	☐ N/A	☐ N/A
[8] Keypad Tamper	△ Disabled	☐ Enabled

SECTION [003] : Beep on Trouble

Option	OFF	ON
[1] System & Clock Trouble Beep	△ Disabled	☐ Enabled
[2] Communicator Trouble Beep	△ Disabled	☐ Enabled
[3] Module & Combus Trouble Beep	△ Disabled	☐ Enabled
[4] All Zone Trouble Beep	△ Disabled	☐ Enabled
[5] to [8] Future Use	☐ N/A	☐ N/A

Section #

[004] **Confidential Mode Timer**
___/___/___ (005 to 255 seconds; Default: **120 seconds**)

USING THE MEMORY KEY

- [100] Download all from the *Memory Key* (Grafica keypad sections [001] to [004] and all user, zone, door and area labels) to the Grafica keypad.
- [110] Copy the Grafica keypad sections [001] to [004] and all user, zone, door and area labels to the *Memory Key*.

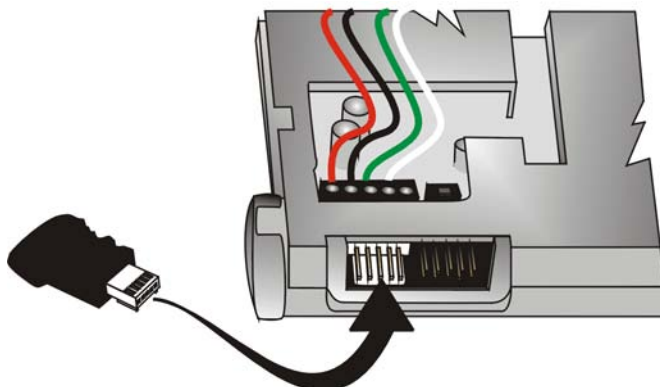
Download Contents of the Memory Key to the Grafica Keypad.

- 1) Insert the *Memory Key* onto the keypad's connector (refer to "Memory Key Connector" on page 4).
- 2) To download the contents of the *Memory Key*, enter the keypad's programming mode and enter section [100].
- 3) Once the keypad emits a confirmation beep, wait for a second confirmation beep and then remove the *Memory Key*.

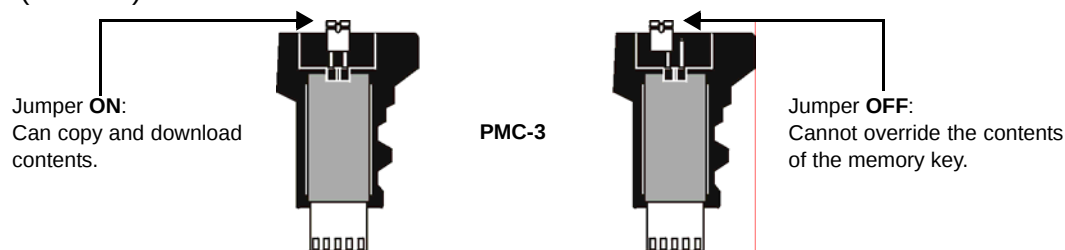
Copy Contents of the Grafica Keypad to the Memory Key.

- 1) Insert the *Memory Key* onto the keypad's connector (refer to "Memory Key Connector" on page 4). Ensure that the write protect jumper is on (refer to "Memory Key (PMC-3)" below).
- 2) To copy the contents to the *Memory Key*, enter the keypad's programming mode and enter section [110].
- 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 CONNECTOR



MEMORY KEY (PMC-3)



The memory key will only function with a keypad that has the DGP2 or DNE prefix in the model number. Only the PMC-3 memory key will function with DGP2 and DNE keypads.

LCD Keypad Module



DGP2-641

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	☐ Disabled	△ Enabled
[2] Partition 2	☐ Disabled	△ Enabled
[3] Partition 3	☐ Disabled	△ Enabled
[4] Partition 4	☐ Disabled	△ Enabled
[5] Partition 5 (DGP-NE96 only)	☐ Disabled	△ Enabled
[6] Partition 6 (DGP-NE96 only)	☐ Disabled	△ Enabled
[7] Partition 7 (DGP-NE96 only)	☐ Disabled	△ Enabled
[8] Partition 8 (DGP-NE96 only)	☐ Disabled	△ Enabled

SECTION [002]: Future Use

Option	OFF	ON
[1] Future Use	☐ N/A	☐ N/A
[2] Future Use	☐ N/A	☐ N/A
[3] Future Use	☐ N/A	☐ N/A
[4] Future Use	☐ N/A	☐ N/A
[5] Future Use	☐ N/A	☐ N/A
[6] Future Use	☐ N/A	☐ N/A
[7] Future Use	☐ N/A	☐ N/A
[8] Future Use	☐ N/A	☐ N/A

SECTION [003]: General Options 1

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

SECTION [004]: General Options 2

Option	OFF	ON
[1] Muting	△ Disabled	☐ Enabled
[2] Exit Delay Beep	☐ Disabled	△ Enabled
[3] Future Use	☐ N/A	☐ N/A
[4] Chime on Zone Closure	△ Disabled	☐ Enabled
[5] Future Use	☐ N/A	☐ N/A
[6] Future Use	☐ N/A	☐ N/A
[7] Future Use	☐ N/A	☐ N/A
[8] Future Use	☐ N/A	☐ N/A

SECTION [005] : Beep on Trouble

Option	OFF	ON
[1] System & Clock Trouble Beep	△ Disabled	☐ Enabled
[2] Communicator Trouble Beep	△ Disabled	☐ Enabled
[3] Module & Combustion Trouble Beep	△ Disabled	☐ Enabled
[4] All Zone Trouble Beep	△ Disabled	☐ Enabled
[5] to [8] Future Use	☐ N/A	☐ N/A

SECTION [006]: PGM and Tamper Options

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

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

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

 Only Event Groups 000 to 055 and 070 can be used to program the module's PGM. Refer to "Appendix 1: Programming PGMs" on page 39 for the PGM Table.

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 1. For example, section [101] "Zone 01" can be changed to "FRONT DOOR".

Table 1: 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 2 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 3 below, enter the 3-digit number for the desired character.

Table 2: 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 3: Special Characters

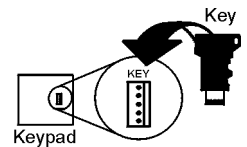
032	048	064	080	096	112	128	144	160	176	192	208
0	ð	P	`	p	Û	Ê	–	ı	ø	*	
033	049	065	081	097	113	129	145	161	177	193	209
!	1	A	Q	a	q	Ù	È	î	ˆ	Ł	
034	050	066	082	098	114	130	146	162	178	194	210
"	2	B	R	b	r	Ú	É	ï	ıj	ł	
035	051	067	083	099	115	131	147	163	179	195	211
#	3	C	S	c	s	Û	Ê	í	↑	ıı	
036	052	068	084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

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*.

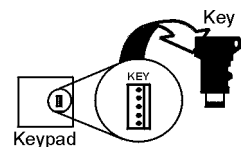
Download Contents of the Memory Key to the LCD Keypad

- 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*.

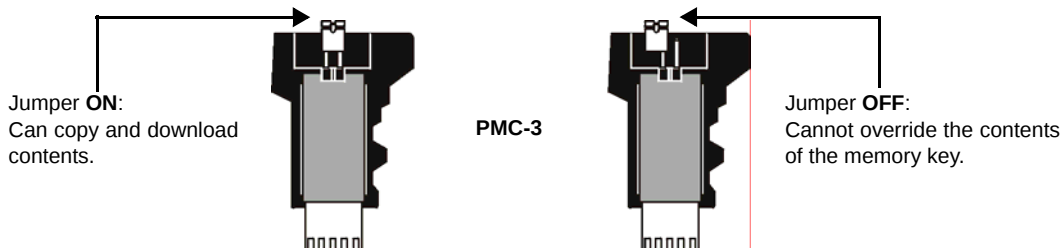


Copy Contents of the LCD Keypad to the Memory Key

- 1) Insert *Memory Key* onto the keypad's connector labelled "KEY". Ensure that the write protect jumper is on (refer to "Memory Key (PMC-3)" 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-3)



! The memory key will only function with a keypad that has the DGP2 or DNE prefix in the model number. Only the PMC-3 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.

48-Zone LED Keypad Module



DGP2-648



This model does not support installer programming capabilities, therefore you cannot program other modules or the panel on the combus using this unit.

Section	Data	Description	Default
[001]	__/_/_ (000 to 004)*	Partition 1 Display	001 = (LED A1)
[002]	__/_/_ (000 to 004)*	Partition 2 Display	002 = (LED A2)
[003]	__/_/_ (000 to 004)*	Partition 3 Display	003 = (LED A3)
[004]	__/_/_ (000 to 004)*	Partition 4 Display	004 = (LED A4)
[005]	__/_/_ (000 to 004)*	Partition 5 Display	000
[006]	__/_/_ (000 to 004)*	Partition 6 Display	000
[007]	__/_/_ (000 to 004)*	Partition 7 Display	000
[008]	__/_/_ (000 to 004)*	Partition 8 Display	000

*000=disabled; 001=A1; 002=A2; 003=A3; 004=A4.



Do not assign the same display number to more than one section. A maximum of 4 partitions can be displayed on the keypad.

△ = Default Settings

SECTION [009] : Keypad Options

Option	OFF	ON
[1] Confidential Mode	△ Disabled	☐ Enabled
[2] Exit Confidential Mode	△ Press key	☐ Enter code
[3] Muting	△ Disabled	☐ Enabled
[4] Beep on Exit Delay	☐ Disabled	△ Enabled
[5] Chime on Zone Closure	△ Disabled	☐ Enabled
[6] to [8] Future Use	☐ N/A	☐ N/A

SECTION [010] : Beep on Trouble

Option	OFF	ON
[1] Beep on System Trouble/Clock Loss	△ Disabled	☐ Enabled
[2] Beep on Communicator Trouble	△ Disabled	☐ Enabled
[3] Beep on Module/Combus Trouble	△ Disabled	☐ Enabled
[4] Beep on Zone Trouble	△ Disabled	☐ Enabled
[5] to [8] Future Use	☐ N/A	☐ N/A

SECTION [011] : PGM & Keypad Tamper Options

Option	OFF	ON
[1] PGM State	△ N.O.	☐ N.C.
[2] PGM Deactivation Mode	△ Deactivation Event	☐ PGM Timer
[3] PGM Base Time	△ 1 second	☐ 1 minute
[4] Future Use	☐ N/A	☐ N/A
[5] Keypad Tamper	△ Disabled	☐ Enabled
[6] to [8] Future Use	☐ N/A	☐ N/A

Section	Data	Description	Default
[012]	__/_/__(005 to 255 seconds)	Confidential Mode Timer	120
[013]	__/_/__(001 to 255; see option [3] in section [011])	PGM Timer	005

	Event Group	Feature Group	Start #	End #
	Section	Section	Section	Section
PGM Activation	[014] __/_/__	[015] __/_/__	[016] __/_/__	[017] __/_/__
PGM Deactivation	[018] __/_/__	[019] __/_/__	[020] __/_/__	[021] __/_/__



Refer to “Appendix 1: Programming PGMs” on page 39 for the PGM Table. Only Event Groups 000 to 055 can be used to program the module’s PGM.

Section	Description
[030]	Test PGM: Activates the PGM for 8 seconds to verify if the PGM is functioning properly.
[040]	Zone Display Reset: Resets zone display sections [101] to [196] to default values.

Zone Display													
Section	LED Number	Zone Displayed	Default		Section	LED Number	Zone Displayed	Default		Section	LED Number	Zone Displayed	Default
[101]	__/_/__	Zone 1	001		[133]	__/_/__	Zone 33	033		[165]	__/_/__	Zone 65	000
[102]	__/_/__	Zone 2	002		[134]	__/_/__	Zone 34	034		[166]	__/_/__	Zone 66	000
[103]	__/_/__	Zone 3	003		[135]	__/_/__	Zone 35	035		[167]	__/_/__	Zone 67	000
[104]	__/_/__	Zone 4	004		[136]	__/_/__	Zone 36	036		[168]	__/_/__	Zone 68	000
[105]	__/_/__	Zone 5	005		[137]	__/_/__	Zone 37	037		[169]	__/_/__	Zone 69	000
[106]	__/_/__	Zone 6	006		[138]	__/_/__	Zone 38	038		[170]	__/_/__	Zone 70	000
[107]	__/_/__	Zone 7	007		[139]	__/_/__	Zone 39	039		[171]	__/_/__	Zone 71	000
[108]	__/_/__	Zone 8	008		[140]	__/_/__	Zone 40	040		[172]	__/_/__	Zone 72	000
[109]	__/_/__	Zone 9	009		[141]	__/_/__	Zone 41	041		[173]	__/_/__	Zone 73	000
[110]	__/_/__	Zone 10	010		[142]	__/_/__	Zone 42	042		[174]	__/_/__	Zone 74	000
[111]	__/_/__	Zone 11	011		[143]	__/_/__	Zone 43	043		[175]	__/_/__	Zone 75	000
[112]	__/_/__	Zone 12	012		[144]	__/_/__	Zone 44	044		[176]	__/_/__	Zone 76	000
[113]	__/_/__	Zone 13	013		[145]	__/_/__	Zone 45	045		[177]	__/_/__	Zone 77	000
[114]	__/_/__	Zone 14	014		[146]	__/_/__	Zone 46	046		[178]	__/_/__	Zone 78	000
[115]	__/_/__	Zone 15	015		[147]	__/_/__	Zone 47	047		[179]	__/_/__	Zone 79	000
[116]	__/_/__	Zone 16	016		[148]	__/_/__	Zone 48	048		[180]	__/_/__	Zone 80	000
[117]	__/_/__	Zone 17	017		[149]	__/_/__	Zone 49	000		[181]	__/_/__	Zone 81	000
[118]	__/_/__	Zone 18	018		[150]	__/_/__	Zone 50	000		[182]	__/_/__	Zone 82	000
[119]	__/_/__	Zone 19	019		[151]	__/_/__	Zone 51	000		[183]	__/_/__	Zone 83	000
[120]	__/_/__	Zone 20	020		[152]	__/_/__	Zone 52	000		[184]	__/_/__	Zone 84	000
[121]	__/_/__	Zone 21	021		[153]	__/_/__	Zone 53	000		[185]	__/_/__	Zone 85	000
[122]	__/_/__	Zone 22	022		[154]	__/_/__	Zone 54	000		[186]	__/_/__	Zone 86	000
[123]	__/_/__	Zone 23	023		[155]	__/_/__	Zone 55	000		[187]	__/_/__	Zone 87	000
[124]	__/_/__	Zone 24	024		[156]	__/_/__	Zone 56	000		[188]	__/_/__	Zone 88	000
[125]	__/_/__	Zone 25	025		[157]	__/_/__	Zone 57	000		[189]	__/_/__	Zone 89	000
[126]	__/_/__	Zone 26	026		[158]	__/_/__	Zone 58	000		[190]	__/_/__	Zone 90	000
[127]	__/_/__	Zone 27	027		[159]	__/_/__	Zone 59	000		[191]	__/_/__	Zone 91	000
[128]	__/_/__	Zone 28	028		[160]	__/_/__	Zone 60	000		[192]	__/_/__	Zone 92	000
[129]	__/_/__	Zone 29	029		[161]	__/_/__	Zone 61	000		[193]	__/_/__	Zone 93	000
[130]	__/_/__	Zone 30	030		[162]	__/_/__	Zone 62	000		[194]	__/_/__	Zone 94	000
[131]	__/_/__	Zone 31	031		[163]	__/_/__	Zone 63	000		[195]	__/_/__	Zone 95	000
[132]	__/_/__	Zone 32	032		[164]	__/_/__	Zone 64	000		[196]	__/_/__	Zone 96	000



The keypad will display up to a total of 48 zones, however any zone from 1 to 96 can be selected. Do not assign more than one LED Number to a zone.

Annunciator Module



DGP2-ANC1

 **Program the DGP2-ANC1 using the Winload Software or the control panel's Module Broadcast feature. Refer to the Digiplex or DigiplexNE Reference & Installation Manual for more details. The DGP2-ANC1's serial number is located on the module's PC board.**

△ = Default Settings

SECTION [001] : Partition Assignment

Option	OFF	ON
[1] Partition 1	☐ Disabled	△ Enabled
[2] Partition 2	☐ Disabled	△ Enabled
[3] Partition 3	☐ Disabled	△ Enabled
[4] Partition 4	☐ Disabled	△ Enabled
[5] Partition 5 (DGP-NE96 only)	☐ Disabled	△ Enabled
[6] Partition 6 (DGP-NE96 only)	☐ Disabled	△ Enabled
[7] Partition 7 (DGP-NE96 only)	☐ Disabled	△ Enabled
[8] Partition 8 (DGP-NE96 only)	☐ Disabled	△ Enabled

SECTION [002] : General Options 1

Option	OFF	ON
[1] Beeper Mute Mode*	△ Disabled	☐ Enabled
[2] Beep on System Trouble	△ Disabled	☐ Enabled
[3] Beep on Communicator Trouble	△ Disabled	☐ Enabled
[4] Beep on Combustion/Module Trouble	△ Disabled	☐ Enabled
[5] Zone Trouble	△ Disabled	☐ Enabled
[6] to [8] Future Use	☐ N/A	☐ N/A

*In order for options [2] to [5] to function, option [1] must be disabled.

Section #

[003]

Status Display Mode

___/___/___ (Enter a value between 000 and 005 to set which status the Annunciator will display; Default: **000**)

000 = Partition Status, 001 - 003 = Future Use, 004 = Zones 01 to 48, 005 = Zones 49 to 96

Outdoor High-Security Digital Motion Detector Modules

digigard™
DG85



DG85

OPERATIONAL MODE

Digigard DG85 can function in two operational modes (see Table 4 below): DGP2 Mode or Relay Mode. When set to Relay Mode, DG85 functions as would any standard motion detector by communicating its alarm and tamper signals via relays. When set to DGP2 Mode, DG85 functions like a DGP2 motion detector module by communicating alarm signals, tamper signals, data and detector settings via the combus. In DGP2 Mode, both section programming and manual programming can be used to program the settings. In Relay Mode, only manual programming can be used to program the settings (see Table 4 below). Refer to DG85's connection drawing on page 33 for the location of the DIP switches.

DIP Switch 1: **OFF** = Relay Mode (default)
ON = DGP2 Mode

SETTINGS

Refer to DG85's connection drawing on page 33 for the location of the DIP switches and Trimpot.

Table 4: DG85 Settings

Feature	Setting	Programming	
		Section Programming ¹	Manual Settings ²
Signal Processing Mode	Dual	[001]→[1] = OFF	DIP switch 2 = OFF
	Single △	[001]→[1] = ON	DIP switch 2 = ON
LED	Disabled	[001]→[2] = OFF	DIP switch 3 = OFF
	Enabled △	[001]→[2] = ON	DIP switch 3 = ON
Movement Signal Indication	Disabled	[001]→[3] = OFF	Enabled when DIP switch 3 = ON
	Enabled △	[001]→[3] = ON	
Tamper Recognition³	Disabled △	[001]→[5] = OFF	N/A
	Enabled	[001]→[5] = ON	N/A
Sensitivity	△ = 10	[002]→000(lowest sensitivity) - 010(highest)	Trimpot→0-10 ⁴

△ Default Setting

¹ When in DGP2 Mode only (see Operational Mode above).

² When in DGP2 Mode or Relay Mode (see Operational Mode above).

³ This feature is always enabled in Relay Mode.

⁴ To set the sensitivity manually, remove the front cover and, using a screwdriver, turn the trimpot clockwise to increase the detector's sensitivity or counter-clockwise to decrease it. You can turn the trimpot 360° in both directions. To determine the sensitivity setting, remove the cover and view how many times the LED flashes. The number of times the LED flashes corresponds to the sensitivity setting. Thus if the sensitivity is set to 6, the LED will flash 6 times.



In instances where a particular setting can be set either manually or through section programming, a discrepancy may exist between the setting of the DIP switches and the setting in the appropriate sections. In such cases, the last change that is made will dictate the setting. For example, if you disable the LED from within section programming, the DIP switch will still show that it is enabled, however the LED is actually disabled.

Motion Detector Modules



DGP2-50



DGP2-60



DGP2-70

△ = Default setting

SECTION [001] : General Options

Option	OFF	ON
[1] Single/Dual Edge Processing	☐ Dual Edge	△ Single Edge
[2] Alarm Indication (red LED illuminates for 5 secs.)	☐ Disabled	△ Enabled
[3] Movement Signal Indication (red LED will flash)	☐ Disabled	△ Enabled
[4] Non-movement Signal Indication (green LED will flash)	☐ Disabled	△ Enabled
[5] Tamper Recognition	△ Disabled	☐ Enabled
[6] Future Use	☐ N/A	☐ N/A
[7] Future Use	☐ N/A	☐ N/A
[8] Future Use	☐ N/A	☐ N/A

Section #

[002]

Digital Shield Setting

___/___/___ (000 to 003 sensitivity; Default: 002)

000 = Very Low Shield, 001 = Low Shield, 002 = Normal Shield, 003 = High Shield

Omnia Wireless Expansion Module



The Module Broadcast feature of the Digiplex and DigiplexNE control panels is not supported by the Omnia Wireless Expansion Module.

△ = Default setting

SECTION [001] : Supervision

Option	OFF	ON
[1] Low battery supervision	△ Disabled	☐ Enabled
[2] Check-in supervision*	△ Disabled	☐ Enabled
[3] Check-in base time	△ Hours	☐ Minutes
[4] Check-in time value	△ 12	☐ 6
[5] Receiver's on-board anti-tamper	△ Disabled	☐ Enabled
[6] PGM1 Deactivation [‡]	△ 2 sec. Timer	☐ Manually
[7] PGM2 Deactivation [‡]	△ 2 sec. Timer	☐ Manually
[8] Future Use	☐ N/A	☐ N/A

WARNING: With an Omnia module V1.2 or lower, use the same Check-in supervision setting as set in the Omnia module. With an Omnia module V2.0 or higher, the module automatically detects the check-in time set in each of its assigned transmitters. As a result, the transmitters can have different check-in times.

*For UL installations, check-in supervision must be enabled (ON).

[‡] Omnia's PGM outputs are always enabled and are activated through the Omnia Remote Control (OMN-RCT1). Remote control button "C" (refer to page 14) controls PGM1 and remote control button "D" controls PGM2 (if PGM2 is available). Press the appropriate button to activate the PGM that it controls. Options [6] and [7] determine how the respective PGM will deactivate. If the option is OFF, the activated PGM will automatically deactivate after 2 seconds. If the option is ON, each activated PGM can only be deactivated by pressing the appropriate button on an Omnia Remote Control that controls a PGM.

Section(s)	Description
[030]	View unknown serial numbers of transmitters: By entering this section and by pressing the anti-tamper switch on the unknown wireless detector or door contact, the module's unknown serial number will be displayed.
[040]	View and/or delete remote controls assigned in sections [201] to [208].
[041]	View and/or delete remote controls assigned in sections [209] to [216].
[601] to [616]	View the actual signal strength of the assigned wireless detectors and door contacts.
[701] to [716]	View the actual battery life of the assigned wireless detectors and door contacts.
[801] to [816]	View the previous battery life of the assigned wireless detectors and door contacts.

ASSIGNING WIRELESS DETECTORS AND DOOR CONTACTS TO THE RECEIVER

Section	Input	Serial Number (Detectors & Door Contacts)	Motion Detector	Door Contact
[101]	001	___/___/___/___/___	☐	☐
[102]	002	___/___/___/___/___	☐	☐
[103]	003	___/___/___/___/___	☐	☐
[104]	004	___/___/___/___/___	☐	☐
[105]	005	___/___/___/___/___	☐	☐
[106]	006	___/___/___/___/___	☐	☐
[107]	007	___/___/___/___/___	☐	☐
[108]	008	___/___/___/___/___	☐	☐

Section	Input	Serial Number (Detectors & Door Contacts)	Motion Detector	Door Contact
[109]	009	___/___/___/___/___	☐	☐
[110]	010	___/___/___/___/___	☐	☐
[111]	011	___/___/___/___/___	☐	☐
[112]	012	___/___/___/___/___	☐	☐
[113]	013	___/___/___/___/___	☐	☐
[114]	014	___/___/___/___/___	☐	☐
[115]	015	___/___/___/___/___	☐	☐
[116]	016	___/___/___/___/___	☐	☐

REMOTE CONTROL PROGRAMMING

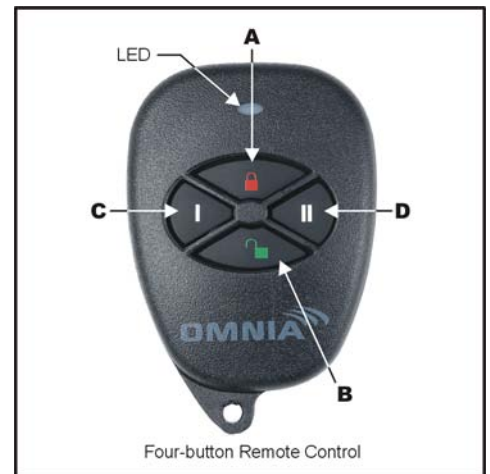
Remote Control Assignment to the Receiver	Remote Control Assignment to a User Access Code		Remote Control Button Programming (refer to Tables 5 and 6 below)			
Section & User Name	Section	User #	Section	(/)	(/ / /)	(+ / + / + / +)
[201] : _____	[301]	__/_/_	[401]	(__/_)	(__/_)	(__/_)
[202] : _____	[302]	__/_/_	[402]	(__/_)	(__/_)	(__/_)
[203] : _____	[303]	__/_/_	[403]	(__/_)	(__/_)	(__/_)
[204] : _____	[304]	__/_/_	[404]	(__/_)	(__/_)	(__/_)
[205] : _____	[305]	__/_/_	[405]	(__/_)	(__/_)	(__/_)
[206] : _____	[306]	__/_/_	[406]	(__/_)	(__/_)	(__/_)
[207] : _____	[307]	__/_/_	[407]	(__/_)	(__/_)	(__/_)
[208] : _____	[308]	__/_/_	[408]	(__/_)	(__/_)	(__/_)
[209] : _____	[309]	__/_/_	[409]	(__/_)	(__/_)	(__/_)
[210] : _____	[310]	__/_/_	[410]	(__/_)	(__/_)	(__/_)
[211] : _____	[311]	__/_/_	[411]	(__/_)	(__/_)	(__/_)
[212] : _____	[312]	__/_/_	[412]	(__/_)	(__/_)	(__/_)
[213] : _____	[313]	__/_/_	[413]	(__/_)	(__/_)	(__/_)
[214] : _____	[314]	__/_/_	[414]	(__/_)	(__/_)	(__/_)
[215] : _____	[315]	__/_/_	[415]	(__/_)	(__/_)	(__/_)
[216] : _____	[316]	__/_/_	[416]	(__/_)	(__/_)	(__/_)

Table 5: Remote Control Button Choice

[0] = Button disabled	[8] = Panic 2 [†]
[1] = Regular Arm	[9] = Panic 3 [†]
[2] = Stay Arm	[A] = Smoke reset
[3] = Instant Arm	[B] = Utility Key 1*
[4] = Force Arm	[C] = Utility Key 2*
[5] = Disarm	[D] = Utility Key 3*
[6] = Stay/Instant Disarm	[E] = Utility Key 4*
[7] = Panic 1 [†]	[F] = Utility Key 5*

*Functions the same as if a PGM utility key were to be pressed on a keypad. At least one PGM in the system must be programmed with a Utility Key Event. For example, if a PGM in the system is programmed with the event Utility Key 1 and if remote control button A is programmed with Utility Key 1 (Button A = [B]; see Table 4 above), pressing button A will activate the relevant PGM in the system. For Digiplex systems, refer to the PGM table (First Digit: 8) in the Digiplex Programming Guide. For DigiplexNE systems, refer to the PGM Table (page 39), Event Group 048 (Utility Key), Feature Group 000, Start # 001 to End # 005 (Keypad Utility Keys 1 to 5).

[†]The Panic feature must be enabled in the control panel.

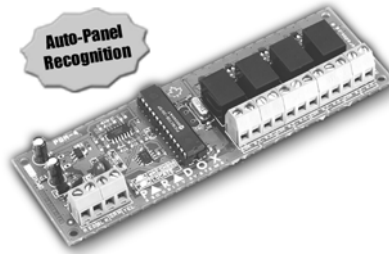


Only arming and disarming functions were investigated by UL.

Table 6: Hexadecimal Programming

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

4-PGM Expansion Module



APR3-PGM4

△ = Default setting

SECTION [001] : General Options

Option	OFF	ON
[1] <i>Future Use</i>	☐ N/A	☐ N/A
[2] <i>Pulse Output for Fire Alarms</i>	△ Disabled	☐ Enabled
[3] <i>Future Use</i>	☐ N/A	☐ N/A
[4] <i>Future Use</i>	☐ N/A	☐ N/A
[5] <i>Future Use</i>	☐ N/A	☐ N/A
[6] <i>Future Use</i>	☐ N/A	☐ N/A
[7] <i>Future Use</i>	☐ N/A	☐ N/A
[8] <i>Future Use</i>	☐ N/A	☐ N/A

SECTION [002] : PGM Options

Option	OFF	ON
[1] <i>PGM1 Deactivation After</i>	△ Deactivation Event	☐ PGM Timer
[2] <i>PGM1 Base Time</i>	△ 1 second	☐ 1 minute
[3] <i>PGM2 Deactivation After</i>	△ Deactivation Event	☐ PGM Timer
[4] <i>PGM2 Base Time</i>	△ 1 second	☐ 1 minute
[5] <i>PGM3 Deactivation After</i>	△ Deactivation Event	☐ PGM Timer
[6] <i>PGM3 Base Time</i>	△ 1 second	☐ 1 minute
[7] <i>PGM4 Deactivation After</i>	△ Deactivation Event	☐ PGM Timer
[8] <i>PGM4 Base Time</i>	△ 1 second	☐ 1 minute

Section	Data	Description	Default
[003]	__/_/__(000 to 255; see option [2] in section [002])	PGM1 Timer	005
[012]	__/_/__(000 to 255; see option [4] in section [002])	PGM2 Timer	005
[021]	__/_/__(000 to 255; see option [6] in section [002])	PGM3 Timer	005
[030]	__/_/__(000 to 255; see option [8] in section [002])	PGM4 Timer	005

		Event Group	Feature Group	Start #	End #
		Section	Section	Section	Section
PGM Activation	PGM1	[004] __/_/__	[005] __/_/__	[006] __/_/__	[007] __/_/__
	PGM2	[013] __/_/__	[014] __/_/__	[015] __/_/__	[016] __/_/__
	PGM3	[022] __/_/__	[023] __/_/__	[024] __/_/__	[025] __/_/__
	PGM4	[031] __/_/__	[032] __/_/__	[033] __/_/__	[034] __/_/__
PGM Deactivation	PGM1	[008] __/_/__	[009] __/_/__	[010] __/_/__	[011] __/_/__
	PGM2	[017] __/_/__	[018] __/_/__	[019] __/_/__	[020] __/_/__
	PGM3	[026] __/_/__	[027] __/_/__	[028] __/_/__	[029] __/_/__
	PGM4	[035] __/_/__	[036] __/_/__	[037] __/_/__	[038] __/_/__



Refer to "Appendix 1: Programming PGMs" on page 39 for the PGM Table. All the Event Groups can be used to program the module's PGM(s).

1-PGM Expansion Module



APR3-PGM1

△ = Default setting

SECTION [001] : General Options

Option	OFF	ON
[1] Future Use	☐ N/A	☐ N/A
[2] Pulse Output for Fire Alarms	△ Disabled	☐ Enabled
[3] to [8] Future Use	☐ N/A	☐ N/A

SECTION [002] : PGM Options

Option	OFF	ON
[1] PGM Deactivation After	△ Deactivation Event	☐ PGM Timer
[2] PGM Base Time	△ 1 second	☐ 1 minute
[3] to [8] Future Use	☐ N/A	☐ N/A

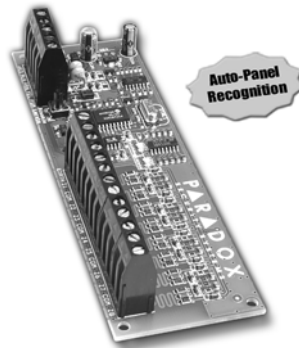
Section	Data	Description	Default
[003]	__/__/__ (000 to 255; see option [2] in section [002])	PGM Timer	005

	Event Group	Feature Group	Start #	End #
	Section	Section	Section	Section
PGM Activation	[004] __/__/__	[005] __/__/__	[006] __/__/__	[007] __/__/__
PGM Deactivation	[008] __/__/__	[009] __/__/__	[010] __/__/__	[011] __/__/__



Refer to "Appendix 1: Programming PGMs" on page 39 for the PGM Table. All the Event Groups can be used to program the module's PGM.

8-zone Expansion Module



APR3-ZX8

△ = Default setting

SECTION [001] : General Options

Option	OFF	ON
[1] <i>Tamper Recognition</i> <i>ON = Input 8 (Z8) becomes tamper input</i>	△ Disabled	☐ Enabled
[2] <i>PGM Deactivation After</i>	△ Deactivation Event	☐ PGM Timer
[3] <i>PGM normal state</i>	△ N.O.	☐ N.C.
[4] <i>PGM Base Time</i>	△ 1 second	☐ 1 minute
[5] to [8] <i>Future Use</i>	☐ N/A	☐ N/A

Input Speed	Base Time (000-002)*	Time Value (000-255)	Default	Input Speed	Base Time (000-002)*	Time Value (000-255)	Default
Input 001 / 009	[002] ___/___/___	[003] ___/___/___	600ms	Input 005 / 013	[010] ___/___/___	[011] ___/___/___	600ms
Input 002 / 010	[004] ___/___/___	[005] ___/___/___	600ms	Input 006 / 014	[012] ___/___/___	[013] ___/___/___	600ms
Input 003 / 011	[006] ___/___/___	[007] ___/___/___	600ms	Input 007 / 015	[014] ___/___/___	[015] ___/___/___	600ms
Input 004 / 012	[008] ___/___/___	[009] ___/___/___	600ms	Input 008 / 016	[016] ___/___/___	[017] ___/___/___	600ms

* For the Base Time, using Level Programming (refer to page 1), press the and buttons to select a value from 000 to 002 and then press **[ENTER]**.
Base Time Multipliers: 000 = 15 ms, 001 = 1 second, 002 = 1 minute.

Section	Data	Description	Default
[018]	___/___/___ (000 to 255; see option [4] in section [001])	PGM Timer	005

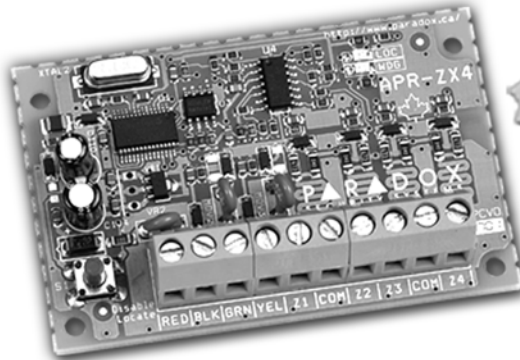
	Event Group	Feature Group	Start #	End #
	Section	Section	Section	Section
PGM Activation	[019] ___/___/___	[020] ___/___/___	[021] ___/___/___	[022] ___/___/___
PGM Deactivation	[023] ___/___/___	[024] ___/___/___	[025] ___/___/___	[026] ___/___/___



Refer to "Appendix 1: Programming PGMs" on page 39 for the PGM Table. Only Event Groups 000 to 055 can be used to program the module's PGM.

Section	Description
[030]	Test PGM: Activates the PGM for 8 seconds to verify if the PGM is functioning properly.

4-zone Expansion Module



APR3-ZX4

△ = Default setting

SECTION [001] : General Options

Option	OFF	ON
[1] <i>Tamper Recognition</i> <i>ON = Input 4 (Z4) becomes tamper input</i>	△ Disabled	☐ Enabled
[2] to [8] <i>Future Use</i>	☐ N/A	☐ N/A

Input Speed	Base Time (000-002)*	Time Value (000-255)	Default
<i>Input 001</i>	[002] _/_/_	[003] _/_/_	600ms
<i>Input 002</i>	[004] _/_/_	[005] _/_/_	600ms
<i>Input 003</i>	[006] _/_/_	[007] _/_/_	600ms
<i>Input 004</i>	[008] _/_/_	[009] _/_/_	600ms
<i>Input 005 (ATZ of Input 001)</i>	[010] _/_/_	[011] _/_/_	600ms
<i>Input 006 (ATZ of Input 002)</i>	[012] _/_/_	[013] _/_/_	600ms
<i>Input 007 (ATZ of Input 003)</i>	[014] _/_/_	[015] _/_/_	600ms
<i>Input 008 (ATZ of Input 004)</i>	[016] _/_/_	[017] _/_/_	600ms

* For the Base Time, using Level Programming (refer to page 1), press the and buttons to select a value from 000 to 002 and then press [ENTER]. Base Time Multipliers: 000 = 15 ms, 001 = 1 second, 002 = 1 minute.

1-zone Expansion Module



DGP2-ZX1

△ = Default setting

SECTION [001] : General Options

Option	OFF	ON
[1] <i>Tamper Recognition</i>	△ Disabled	☐ Enabled
[2] to [8] <i>Future Use</i>	☐ N/A	☐ N/A

INPUT SPEED = BASE TIME x TIME VALUE (Default: 600mS)

Base Time (000 to 002)*

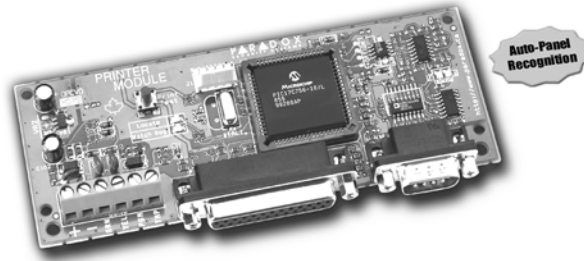
SECTION	Data
[002]	___/___/___

*For the Base Time, using Level Programming (refer to page 1), press the and buttons to select a value from 000 to 002 and then press [ENTER]. Base Time Multipliers: 000 = 15 ms, 001 = 1 second, 002 = 1 minute.

Time Value (001 to 255)

SECTION	Data
[003]	___/___/___

Printer Module



APR3-PRT1

△ = Default setting

SECTION [001] : Partition Assignment

Option	OFF	ON
[1] Partition 1	☐ Disabled	△ Enabled
[2] Partition 2	△ Disabled	☐ Enabled
[3] Partition 3	△ Disabled	☐ Enabled
[4] Partition 4	△ Disabled	☐ Enabled
[5] Partition 5 (DGP-NE96 only)	△ Disabled	☐ Enabled
[6] Partition 6 (DGP-NE96 only)	△ Disabled	☐ Enabled
[7] Partition 7 (DGP-NE96 only)	△ Disabled	☐ Enabled
[8] Partition 8 (DGP-NE96 only)	△ Disabled	☐ Enabled

SECTION [002] : Automatic Printing of Zone Status (1 to 8)

Option	OFF	ON
[1] Print Status of Zone 1	△ Disabled	☐ Enabled
[2] Print Status of Zone 2	△ Disabled	☐ Enabled
[3] Print Status of Zone 3	△ Disabled	☐ Enabled
[4] Print Status of Zone 4	△ Disabled	☐ Enabled
[5] Print Status of Zone 5	△ Disabled	☐ Enabled
[6] Print Status of Zone 6	△ Disabled	☐ Enabled
[7] Print Status of Zone 7	△ Disabled	☐ Enabled
[8] Print Status of Zone 8	△ Disabled	☐ Enabled

SECTION [003] : Automatic Printing of Zone Status (9 to 16)

Option	OFF	ON
[1] Print Status of Zone 9	△ Disabled	☐ Enabled
[2] Print Status of Zone 10	△ Disabled	☐ Enabled
[3] Print Status of Zone 11	△ Disabled	☐ Enabled
[4] Print Status of Zone 12	△ Disabled	☐ Enabled
[5] Print Status of Zone 13	△ Disabled	☐ Enabled
[6] Print Status of Zone 14	△ Disabled	☐ Enabled
[7] Print Status of Zone 15	△ Disabled	☐ Enabled
[8] Print Status of Zone 16	△ Disabled	☐ Enabled

SECTION [004] : Automatic Printing of Zone Status (17 to 24)

Option	OFF	ON
[1] Print Status of Zone 17	△ Disabled	☐ Enabled
[2] Print Status of Zone 18	△ Disabled	☐ Enabled
[3] Print Status of Zone 19	△ Disabled	☐ Enabled
[4] Print Status of Zone 20	△ Disabled	☐ Enabled
[5] Print Status of Zone 21	△ Disabled	☐ Enabled
[6] Print Status of Zone 22	△ Disabled	☐ Enabled
[7] Print Status of Zone 23	△ Disabled	☐ Enabled
[8] Print Status of Zone 24	△ Disabled	☐ Enabled

SECTION [005] : Automatic Printing of Zone Status (25 to 32)

Option	OFF	ON
[1] Print Status of Zone 25	△ Disabled	☐ Enabled
[2] Print Status of Zone 26	△ Disabled	☐ Enabled
[3] Print Status of Zone 27	△ Disabled	☐ Enabled
[4] Print Status of Zone 28	△ Disabled	☐ Enabled
[5] Print Status of Zone 29	△ Disabled	☐ Enabled
[6] Print Status of Zone 30	△ Disabled	☐ Enabled
[7] Print Status of Zone 31	△ Disabled	☐ Enabled
[8] Print Status of Zone 32	△ Disabled	☐ Enabled

SECTION [006] : Automatic Printing of Zone Status (33 to 40)

Option	OFF	ON
[1] Print Status of Zone 33	△ Disabled	☐ Enabled
[2] Print Status of Zone 34	△ Disabled	☐ Enabled
[3] Print Status of Zone 35	△ Disabled	☐ Enabled
[4] Print Status of Zone 36	△ Disabled	☐ Enabled
[5] Print Status of Zone 37	△ Disabled	☐ Enabled
[6] Print Status of Zone 38	△ Disabled	☐ Enabled
[7] Print Status of Zone 39	△ Disabled	☐ Enabled
[8] Print Status of Zone 40	△ Disabled	☐ Enabled

SECTION [007] : Automatic Printing of Zone Status (41 to 48)

Option	OFF	ON
[1] <i>Print Status of Zone 41</i>	△ Disabled	☐ Enabled
[2] <i>Print Status of Zone 42</i>	△ Disabled	☐ Enabled
[3] <i>Print Status of Zone 43</i>	△ Disabled	☐ Enabled
[4] <i>Print Status of Zone 44</i>	△ Disabled	☐ Enabled
[5] <i>Print Status of Zone 45</i>	△ Disabled	☐ Enabled
[6] <i>Print Status of Zone 46</i>	△ Disabled	☐ Enabled
[7] <i>Print Status of Zone 47</i>	△ Disabled	☐ Enabled
[8] <i>Print Status of Zone 48</i>	△ Disabled	☐ Enabled

SECTION [009] : Automatic Printing of Zone Status (57 to 64)

Option	OFF	ON
[1] <i>Print Status of Zone 57 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[2] <i>Print Status of Zone 58 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[3] <i>Print Status of Zone 59 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[4] <i>Print Status of Zone 60 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[5] <i>Print Status of Zone 61 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[6] <i>Print Status of Zone 62 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[7] <i>Print Status of Zone 63 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[8] <i>Print Status of Zone 64 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled

SECTION [011] : Automatic Printing of Zone Status (73 to 80)

Option	OFF	ON
[1] <i>Print Status of Zone 73 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[2] <i>Print Status of Zone 74 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[3] <i>Print Status of Zone 75 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[4] <i>Print Status of Zone 76 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[5] <i>Print Status of Zone 77 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[6] <i>Print Status of Zone 78 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[7] <i>Print Status of Zone 79 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[8] <i>Print Status of Zone 80 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled

SECTION [013] : Automatic Printing of Zone Status (89 to 96)

Option	OFF	ON
[1] <i>Print Status of Zone 89 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[2] <i>Print Status of Zone 90 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[3] <i>Print Status of Zone 91 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[4] <i>Print Status of Zone 92 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[5] <i>Print Status of Zone 93 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[6] <i>Print Status of Zone 94 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[7] <i>Print Status of Zone 95 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[8] <i>Print Status of Zone 96 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled

SECTION [008] : Automatic Printing of Zone Status (49 to 56)

Option	OFF	ON
[1] <i>Print Status of Zone 49 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[2] <i>Print Status of Zone 50 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[3] <i>Print Status of Zone 51 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[4] <i>Print Status of Zone 52 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[5] <i>Print Status of Zone 53 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[6] <i>Print Status of Zone 54 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[7] <i>Print Status of Zone 55 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[8] <i>Print Status of Zone 56 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled

SECTION [010] : Automatic Printing of Zone Status (65 to 72)

Option	OFF	ON
[1] <i>Print Status of Zone 65 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[2] <i>Print Status of Zone 66 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[3] <i>Print Status of Zone 67 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[4] <i>Print Status of Zone 68 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[5] <i>Print Status of Zone 69 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[6] <i>Print Status of Zone 70 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[7] <i>Print Status of Zone 71 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[8] <i>Print Status of Zone 72 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled

SECTION [012] : Automatic Printing of Zone Status (81 to 88)

Option	OFF	ON
[1] <i>Print Status of Zone 81 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[2] <i>Print Status of Zone 82 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[3] <i>Print Status of Zone 83 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[4] <i>Print Status of Zone 84 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[5] <i>Print Status of Zone 85 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[6] <i>Print Status of Zone 86 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[7] <i>Print Status of Zone 87 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled
[8] <i>Print Status of Zone 88 (DGP-NE96 only)</i>	△ Disabled	☐ Enabled

SECTION [014] : Automatic Printing of Event Groups

Option	OFF	ON
[1] <i>Print Miscellaneous Events</i>	△ Disabled	☐ Enabled
[2] <i>Print Arming/Disarming Events</i>	△ Disabled	☐ Enabled
[3] <i>Print Alarm/Alarm Restore Events</i>	△ Disabled	☐ Enabled
[4] <i>Print Tamper/Tamper Restore Events</i>	△ Disabled	☐ Enabled
[5] <i>Print Troubles/Troubles Restore Events</i>	△ Disabled	☐ Enabled
[6] <i>Print Special Events</i>	△ Disabled	☐ Enabled
[7] <i>Print Access Events</i>	△ Disabled	☐ Enabled
[8] <i>Future Use</i>	☐ N/A	☐ N/A

SECTION [015] : Printer Setup Options

Option	OFF	ON
[1] Parallel Port	△ Disabled	☐ Enabled
[2] Future Use	☐ N/A	☐ N/A
[3] Off-line Status Ignored	△ Disabled	☐ Enabled
[4] Paper Empty Status Ignored	△ Disabled	☐ Enabled
[5] Printer Fault Status Ignored	△ Disabled	☐ Enabled
[6] Printer Busy Status Ignored	△ Disabled	☐ Enabled
[7] Future Use	☐ N/A	☐ N/A
[8] Future Use	☐ N/A	☐ N/A

SECTION [016] : Serial Port Setup Options

Option

[1] Serial Port

[2] & [3]

Baud Rate Settings

[2]	[3]
OFF	OFF — 2400 Baud
ON	OFF — 9600 Baud
OFF	ON — 19200 Baud
ON	ON — 57600 Baud

[4] to [8] Future Use

OFF

△ Disabled

☐ See Table

☐ See Table

ON

☐ Enabled

☐ See Table

☐ See Table

☐ N/A

☐ N/A

SECTION [017] : PGM Options

Option	OFF	ON
[1] PGM Deactivation After	△ Deactivation Event	☐ PGM Timer
[2] PGM Normal State	△ N.O.	☐ N.C.
[3] PGM Base Time	△ 1 second	☐ 1 minute
[4] Future Use	☐ N/A	☐ N/A
[5] Tamper Recognition	△ Disabled	☐ Enabled
[6] to [8] Future Use	☐ N/A	☐ N/A

Section	Data	Description	Default
[018]	__/_/_ (000 to 255; see option [3] in section [017])	PGM Timer	005

	Event Group	Feature Group	Start #	End #
	Section	Section	Section	Section
PGM Activation	[019] __/_/_	[020] __/_/_	[021] __/_/_	[022] __/_/_
PGM Deactivation	[023] __/_/_	[024] __/_/_	[025] __/_/_	[026] __/_/_



Refer to “Appendix 1: Programming PGMs” on page 39 for the PGM Table. Only Event Groups 000 to 055 can be used to program the module’s PGM.

MANUAL PRINTING PROGRAMMING

Section	Data	Description	Default
[027]	__/_/_ (000 to 255)**	Miscellaneous Events (Event Group Selection)	000
[028]	__/_/_ (000 to 255)**	Miscellaneous Events (Feature Group Selection)	000
[029]	__/_/_ (000 to 255)**	Miscellaneous Events (Event Start # Selection)	000
[030]	__/_/_ (000 to 255)**	Miscellaneous Events (Event End # Selection)	000
[031]	__/_/_ (000 to 255)**	Arming/Disarming Events (Event Group Selection)	000
[032]	__/_/_ (000 to 255)**	Arming/Disarming Events (Feature Group Selection)	000
[033]	__/_/_ (000 to 255)**	Arming/Disarming Events (Event Start # Selection)	000
[034]	__/_/_ (000 to 255)**	Arming/Disarming Events (Event End # Selection)	000
[035]	__/_/_ (000 to 255)**	Alarm/Alarm Restore Events (Event Group Selection)	000
[036]	__/_/_ (000 to 255)**	Alarm/Alarm Restore Events (Feature Group Selection)	000
[037]	__/_/_ (000 to 255)**	Alarm/Alarm Restore Events (Event Start # Selection)	000
[038]	__/_/_ (000 to 255)**	Alarm/Alarm Restore Events (Event End # Selection)	000
[039]	__/_/_ (000 to 255)**	Tamper/Tamper Restore Events (Event Group Selection)	000
[040]	__/_/_ (000 to 255)**	Tamper/Tamper Restore Events (Feature Group Selection)	000

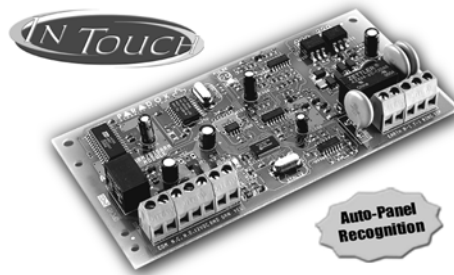
[041]	__/_/__(000 to 255)**	Tamper/Tamper Restore Events (Event Start # Selection)	000
[042]	__/_/__(000 to 255)**	Tamper/Tamper Restore Events (Event End # Selection)	000
[043]	__/_/__(000 to 255)**	Trouble/Trouble Restore Events (Event Group Selection)	000
[044]	__/_/__(000 to 255)**	Trouble/Trouble Restore Events (Feature Group Selection)	000
[045]	__/_/__(000 to 255)**	Trouble/Trouble Restore Events (Event Start # Selection)	000
[046]	__/_/__(000 to 255)**	Trouble/Trouble Restore Events (Event End # Selection)	000
[047]	__/_/__(000 to 255)**	Special Events (Event Group Selection)	000
[048]	__/_/__(000 to 255)**	Special Events (Feature Group Selection)	000
[049]	__/_/__(000 to 255)**	Special Events (Event Start # Selection)	000
[050]	__/_/__(000 to 255)**	Special Events (Event End # Selection)	000
[051]	__/_/__(000 to 255)**	Access Events (Event Group Selection)	000
[052]	__/_/__(000 to 255)**	Access Events (Feature Group Selection)	000
[053]	__/_/__(000 to 255)**	Access Events (Event Start # Selection)	000
[054]	__/_/__(000 to 255)**	Access Events (Event End # Selection)	000
[055]	__/_/__(000 to 255)**	All Events (Event Group Selection)	000
[056]	__/_/__(000 to 255)**	All Events (Feature Group Selection)	000
[057]	__/_/__(000 to 255)**	All Events (Event Start # Selection)	000
[058]	__/_/__(000 to 255)**	All Events (Event End # Selection)	000



**** Program the APR3-PRT1's manual printing feature as you would a PGM. Refer to "Appendix 1: Programming PGMs" on page 39 for the PGM Table. Only Event Groups 000 to 055 can be used to program the module's manual printing feature.**

Section	Description
[060]	Test PGM: Activates the PGM for 8 seconds to verify if the PGM is functioning properly.

InTouch Voice-Assisted Arm/Disarm Module



APR3-ADM2

Section	Data	Description	Default
[001]	__/__/__ (000 to 255; Number of rings)	Ring counter	8 rings
[002]	__/__/__ (000 to 255 seconds)	Answering machine override	Disabled
[003]	__/__/__ (000 to 255; refer to option [4] in section [004]) (000 = follows manual activation/deactivation of PGM by first pressing [#] and then [0])	PGM timer	005

△ = Default setting

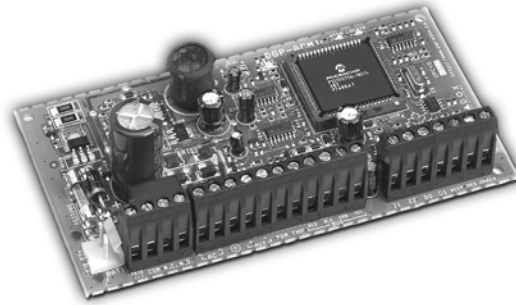
SECTION [004] : General Options

Option	OFF	ON
[1] Future Use	☐ N/A	☐ N/A
[2] Future Use	☐ N/A	☐ N/A
[3] PGM Output	△ Disabled	☐ Enabled
[4] PGM Base Time	△ Seconds	☐ Minutes
[5] Future Use	☐ N/A	☐ N/A
[6] Future Use	☐ N/A	☐ N/A
[7] Future Use	☐ N/A	☐ N/A
[8] Future Use	☐ N/A	☐ N/A

SECTION [005] : Partition Assignment

Option	OFF	ON
[1] Partition 1	☐ Disabled	△ Enabled
[2] Partition 2	☐ Disabled	△ Enabled
[3] Partition 3	☐ Disabled	△ Enabled
[4] Partition 4	☐ Disabled	△ Enabled
[5] Partition 5 (DGP-NE96 only)	☐ Disabled	△ Enabled
[6] Partition 6 (DGP-NE96 only)	☐ Disabled	△ Enabled
[7] Partition 7 (DGP-NE96 only)	☐ Disabled	△ Enabled
[8] Partition 8 (DGP-NE96 only)	☐ Disabled	△ Enabled

Access Control Module



DGP2-ACM1P

△ = Default setting
 * = V2.0 or higher
 ** = V1.1 or higher
 *** = V1.02 or higher

SECTION [001] : Partition Assignment

Option	OFF	ON
[1] Partition 1	☐ Disabled	△ Enabled
[2] Partition 2	△ Disabled	☐ Enabled
[3] Partition 3	△ Disabled	☐ Enabled
[4] Partition 4	△ Disabled	☐ Enabled
[5] Partition 5 (DGP-NE96 only)	△ Disabled	☐ Enabled
[6] Partition 6 (DGP-NE96 only)	△ Disabled	☐ Enabled
[7] Partition 7 (DGP-NE96 only)	△ Disabled	☐ Enabled
[8] Partition 8 (DGP-NE96 only)	△ Disabled	☐ Enabled

SECTION [002] : General Options 1

Option	OFF	ON
[1] Tamper Input	△ Disabled	☐ Enabled
[2] Battery Charging Current	△ 350mA	☐ 700mA
[3] Reader's red LED to follow partition's status	☐ Disabled	△ Enabled
[4] Reader's beeping to follow partition's status when option [3] is ON	☐ Disabled	△ Enabled
[5] Card activates door unlocked schedule	△ Disabled	☐ Enabled
[6] Door will relock	△ Immediately	☐ When closed
[7] Reader's green LED for Access Granted	☐ Disabled	△ Enabled
[8] Unlock on Request for Exit (REX)	△ Disabled	☐ Enabled

SECTION [003] : General Options 2

Option	OFF	ON
[1] Door Left Open Alarm	△ Disabled	☐ Enabled
[2] Door Left Open Pre-alarm	☐ Disabled	△ Enabled
[3] Door Left Open Alarm	☐ Silent	△ Audible
[4] Door Left Open Alarm follows	△ Alarm Restore	☐ Beep Timer
[5] Door Forced Open Alarm	△ Disabled	☐ Enabled
[6] Door Forced Alarm	☐ Silent	△ Audible
[7] Door Forced Alarm follows	△ Alarm Restore	☐ Beep Timer
[8] Reader Access Feedback	△ Visual	☐ Visual & audible

SECTION [004] : PGM Options

Option	OFF	ON
[1] PGM Deactivation After	△ Deactivation Event	☐ PGM Timer
[2] PGM Normal State	△ N.O.	☐ N.C.
[3] PGM Base Time	△ 1 second	☐ 1 minute
[4] Future Use	☐ N/A	☐ N/A
[5] PIN entry on PosiPIN (Note 1 on page 27)	△ Disabled	☐ Enabled
[6] Reader Locate Feedback*	△ Visual	☐ Visual & audible
[7] Unlock Door on Fire Alarm*	△ Disabled	☐ Enabled
[8] AC and Battery Supervision**	△ Enabled	☐ Disabled



Enable option [8] in section [004] if the DGP2-ACM1P's power supply is not being used. This disables AC and battery power supervision and prevents a trouble from being generated.

Section	Data	Description	Default
[005]	__/_/__(000 to 255 x 1 minute; 000 = Instant)	AC failure report delay	000
[006]	__/_/__(001 to 255 seconds)	Door Unlocked Period	005
[007]	__/_/__(001 to 255 seconds added to section [006])	Door Unlocked Period extension	015
[008]	__/_/__(001 to 255 seconds)	Door Left Open Interval	060

[009]	__/_/__(001 to 255 seconds) Time to start pre-alarm before alarm is triggered	Door Left Open Pre-Alarm Timer	015
[010]	__/_/__(001 to 255 seconds)	Beep timer for Door Left Open Alarm	005
[011]	__/_/__(001 to 255 seconds)	Beep timer for Door Forced Open alarm	005
[012]	__/_/__(000 to 255; refer to option [3] in section [004])	PGM timer	005

Section [013]: 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



For Access Control Modules version 2.0 or higher, the End Time can be set earlier than the Start Time. Please be advised that once unlocked, the door will remain unlocked until the next programmed End Time.

	Event Group	Feature Group	Start #	End #
	Section	Section	Section	Section
PGM Activation	[014] __/_/__	[015] __/_/__	[016] __/_/__	[017] __/_/__
PGM Deactivation	[018] __/_/__	[019] __/_/__	[020] __/_/__	[021] __/_/__



Refer to "Appendix 1: Programming PGMs" on page 39 for the PGM Table. Only Event Groups 000 to 055 can be used to program the module's PGM.

SECTION [022] : Safe Mode Options

Option	OFF	ON
[1] Safe Mode*	☐ Disabled	☒ Enabled
[2] Safe Mode Access*	☐ Disabled	☒ Enabled
[3] Reader Safe Mode Feedback*	☒ Visual	☐ Visual & audible
[4] to [8] Future Use	☐ N/A	☐ N/A

Section	Data	Description	Default
[023]	__/_/__(001 to 024 hours; 000 = Disabled)	Safe Mode Door Unlocked Period*	000

Section	Description
[030]	Test PGM: Activates the PGM for 8 seconds to verify if the PGM is functioning properly.
[040]	Access Card Serial Number Display***: View an access card's serial number displayed on any LCD or Grafica keypad on the combus.



When the DGP2-ACM1P is in access card display mode, the door connected to the module cannot be accessed.

Section	Description
[061]	Assign Safe Mode Access Card 1*
[062]	Assign Safe Mode Access Card 2*
[063]	Assign Safe Mode Access Card 3*
[064]	Assign Safe Mode Access Card 4*



To assign an access card, enter the desired section and then present the access card to the reader, which is connected to the DGP2-ACM1P, three times.

Section	Description
[070]	Delete All Safe Mode Access Cards*
[071]	Delete Safe Mode Access Card 1*
[072]	Delete Safe Mode Access Card 2*
[073]	Delete Safe Mode Access Card 3*
[074]	Delete Safe Mode Access Card 4*



Enter the desired section to delete the corresponding access card(s).

NOTE 1: PIN ENTRY ON POSIPIN (DigiplexNE only)

The *PIN entry on PosiPIN* feature (section [004] option [5], see page 25) pertains to the *Card and Code Access* option programmed in the DigiplexNE control panel (refer to the *Access Control* section in the *DigiplexNE Reference & Installation Manual*). With the Card and Code Access option enabled (ON), a user must present a valid access control card to the reader and then enter a valid PIN (user code) to enter an armed access control door. If the reader is connected to an Access Control Module and if there is no keypad nearby in which to enter a PIN, access will be denied. With section [004] option [5] enabled and by installing a PosiPIN (CR-R885-BL; PIN and Proximity Reader), the user can present their card to the PosiPIN reader and then enter their PIN on the PosiPIN's keypad to acquire access to the armed access control door.



If the access control door is using an ordinary proximity reader and is connected to an Access Control Module, disable the door's Card and Code Access option in the DigiplexNE control panel.

CONFIGURING THE POSIPIN'S KEYPAD TO FUNCTION WITH THE DIGIPLEXNE

In order for the "Pin Entry on PosiPIN" feature to work, the PosiPIN's keypad communication format must be set to 8-bit Wiegand. To do so, from the PosiPIN, perform the following:

STEP 1: Press and hold the [CLEAR] key for 4 seconds (*the reader emits a confirmation beep and the green LED illuminates*).

STEP 2: Enter the PosiPIN's [INSTALLER CODE] (default: 000000) and press the [ENTER] key (*reader emits a confirmation beep and the green LED flashes*).

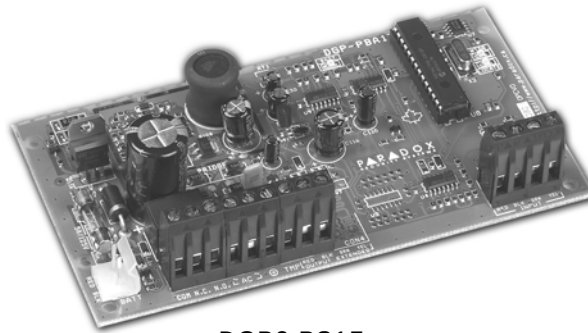
STEP 3: Enter section [002] and press the [ENTER] key (*reader emits a confirmation beep and the green LED stops flashing*).

STEP 4: Press the [0] key (8-bit Wiegand) and press the [ENTER] key (*the reader emits a confirmation beep and the green LED flashes*).

STEP 5: Press and hold the [CLEAR] key for 4 seconds to exit programming mode (*the reader emits a rejection beep and the green LED extinguishes*).

For more information, please refer to the *PosiPIN Installation and Operating Instructions*.

Power Supply Module



DGP2-PS17

△ = Default setting

SECTION [001] : General Options

Option	OFF	ON
[1] <i>Tamper Recognition</i>	△ Disabled	☐ Enabled
[2] <i>Battery Charging Current</i>	△ 350mA	☐ 700mA
[3] <i>PGM Deactivation After</i>	△ Deactivation Event	☐ PGM Timer
[4] <i>PGM Base Time</i>	△ 1 second	☐ 1 minute
[5] to [8] <i>Future Use</i>	☐ N/A	☐ N/A

Section	Data	Description	Default
[002]	__/_/__(000 to 255 x 1 minute; 000 = Instant)	AC failure report delay	000
[003]	__/_/__(000 to 255; refer to option [4] in section [001])	PGM Timer	005

	Event Group	Feature Group	Start #	End #
	Section	Section	Section	Section
PGM Activation	[004] __/_/__	[005] __/_/__	[006] __/_/__	[007] __/_/__
PGM Deactivation	[008] __/_/__	[009] __/_/__	[010] __/_/__	[011] __/_/__



Refer to "Appendix 1: Programming PGMs" on page 39 for the PGM Table. Only Event Groups 000 to 055 can be used to program the module's PGM.

Section	Description
[020]	Test PGM: Activates the PGM for 8 seconds to verify if the PGM is functioning properly.

Module Connection Drawings

MODULE CONNECTION OVERVIEW

Figure 1: Connecting the Combustion

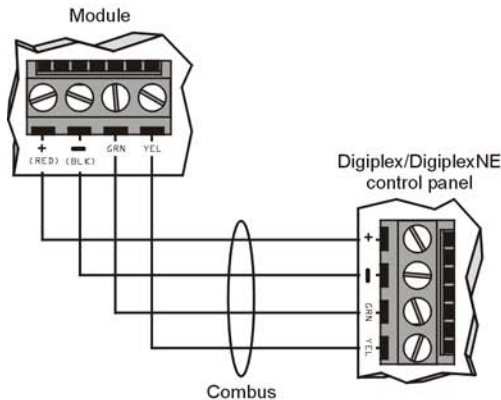


Figure 3: Connecting a 50mA PGM Output

Some modules' PGM output comprise of one 50mA output. Connect the PGM output as shown below.

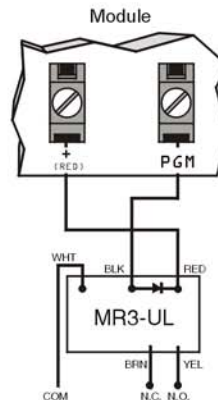
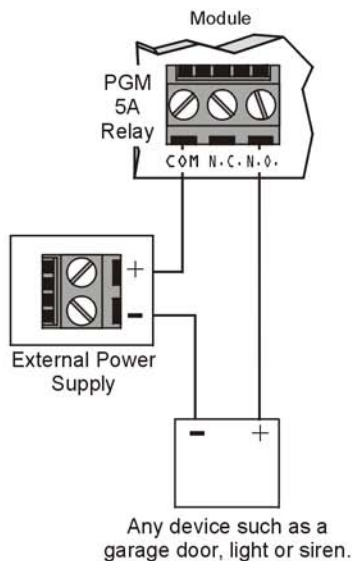


Figure 2: Connecting a 5A PGM Output

Some modules' PGM output(s) comprises of one or more 5A relays. Connect the PGM output as shown below. For the external power supply, we recommend the DGP2-PS17 Power Supply Module.



Module LED Indications

Green "LOCATE" LED (sometimes seen as "LOC" or "LC"):
Power Up: Remains illuminated during power up.

Locate: If the LED flashes fast during normal operation, it is receiving a "locate" request from the control panel. Depending on the module, the "locate" request can be disabled by pressing on the tamper switch or on the "Disable Locate" switch.

Red "WATCHDOG" LED (sometimes seen as "WDG", "WTDG" or "WD"):
Status: Flashes to indicate proper operation.

Communication Failure:
If both the "LOCATE" and "WATCHDOG" LEDs are alternately flashing, the module is experiencing a communication failure with the control panel.

Green "BATT" LED (DGP2-ACM1P and DGP2-PS17 only):
Charging and battery test LED (every 60 seconds).

Green "RX" LED (OMN-RCV3 only):
Flashing: The wireless receiver module is receiving a signal from a wireless device.

Red "TX" LED (APR3-PRT1 only):
Flashing: The printer module is transmitting data through the serial port.

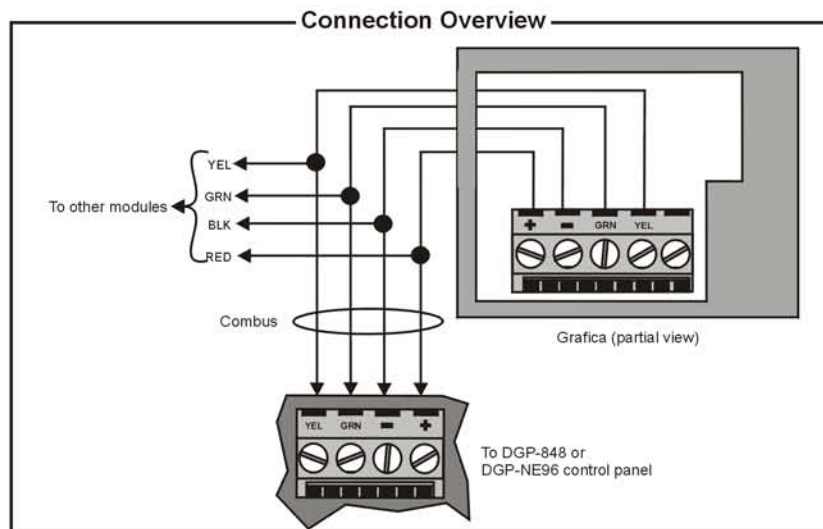
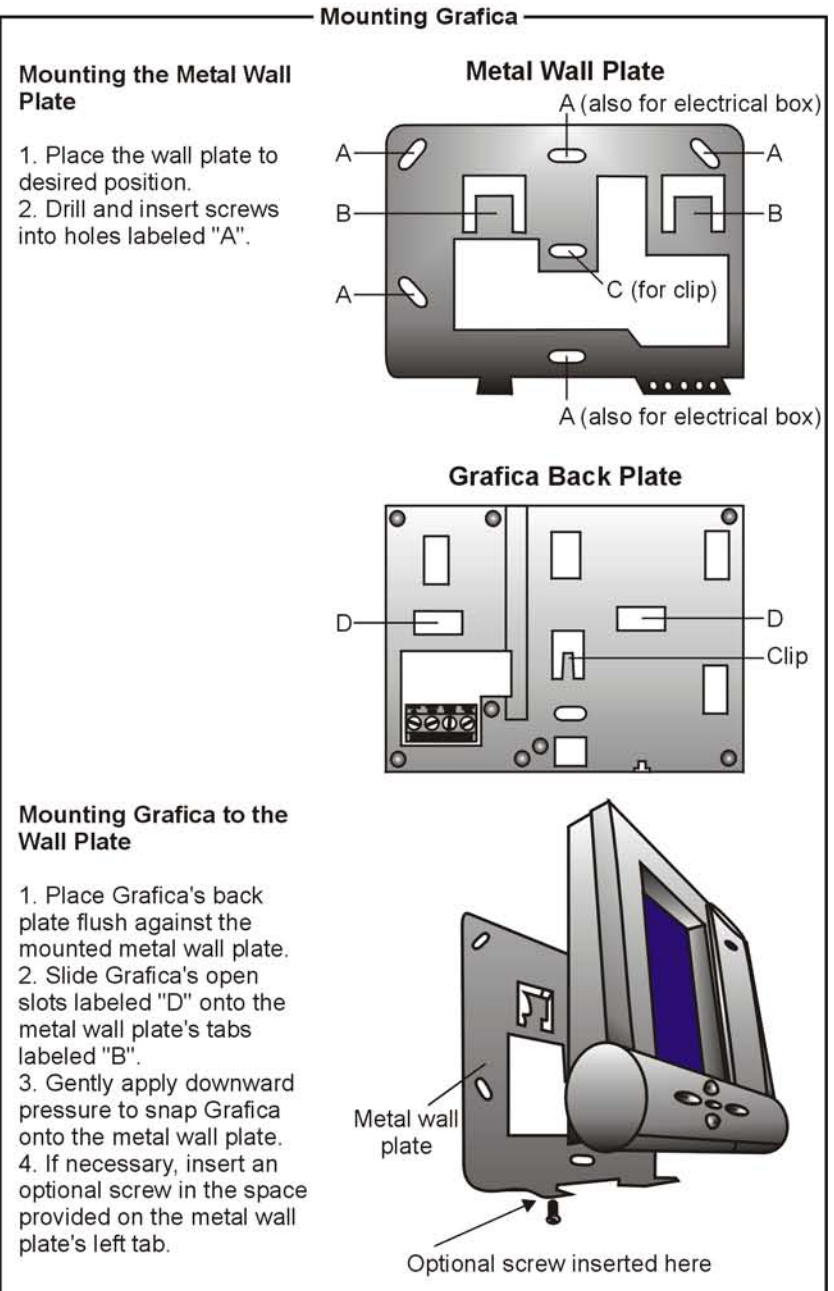
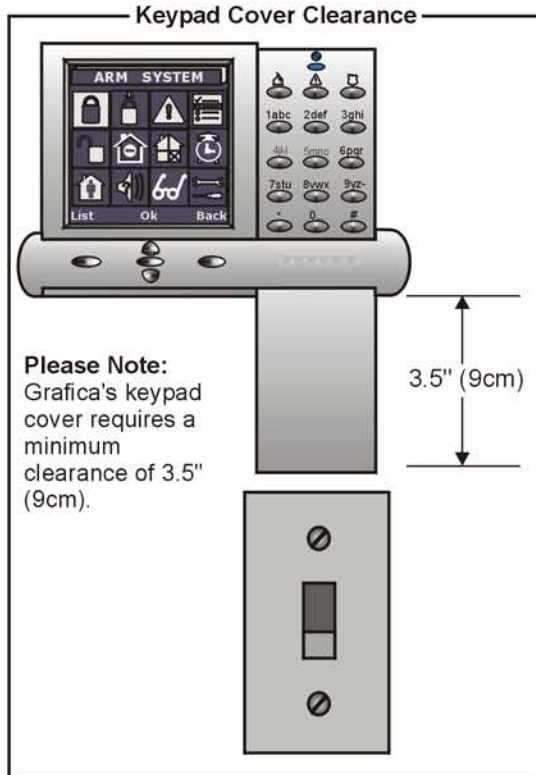
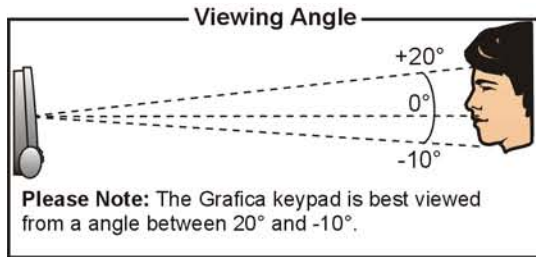
Green "PULSE" LED (APR3-ADM2 only):
Will illuminate whenever the APR3-ADM2 is using its dialer. The "PULSE" LED will remain illuminated for the whole duration that the dialer is being used.

▲ GENERAL WARNINGS ▲

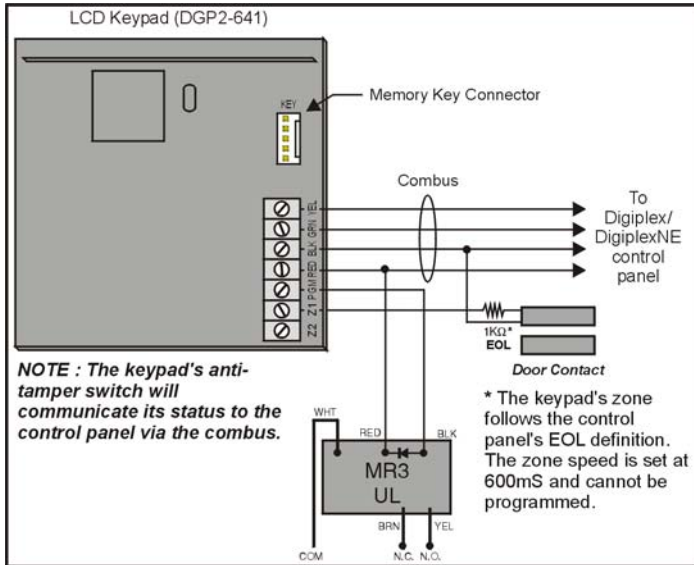
⚠ Remove AC and battery power from the control panel before connecting the module to the combust.

⚠ Refer to the appropriate control panel's *Reference & Installation Manual* for the maximum allowable installation distance from the control panel.

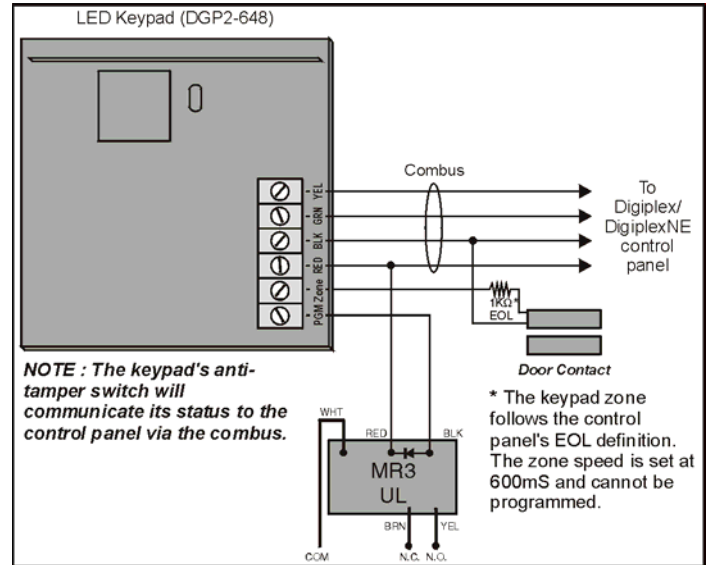
GRAFICA GRAPHIC LCD KEYPAD MODULE (DNE-K07)



LCD KEYPAD MODULE (DGP2-641)



48-ZONE LED KEYPAD MODULE (DGP2-648)



ANNUNCIATOR MODULE (DGP2-ANC1)

Figure 1: Cut-out Spaces

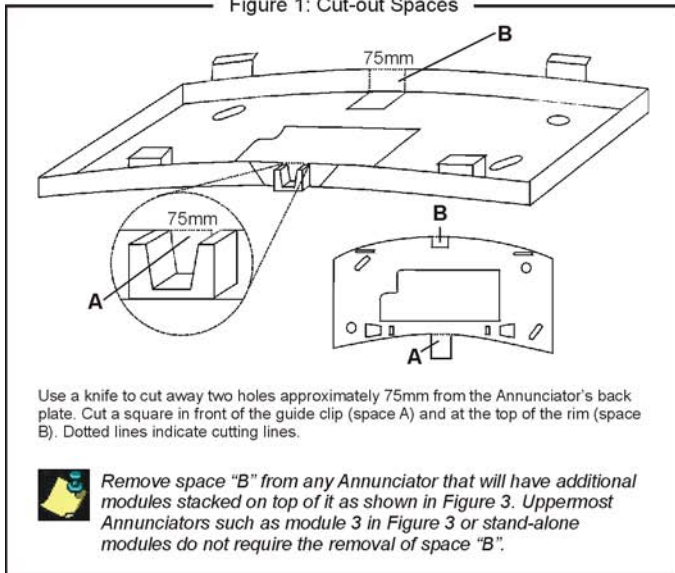


Figure 2: Mounting

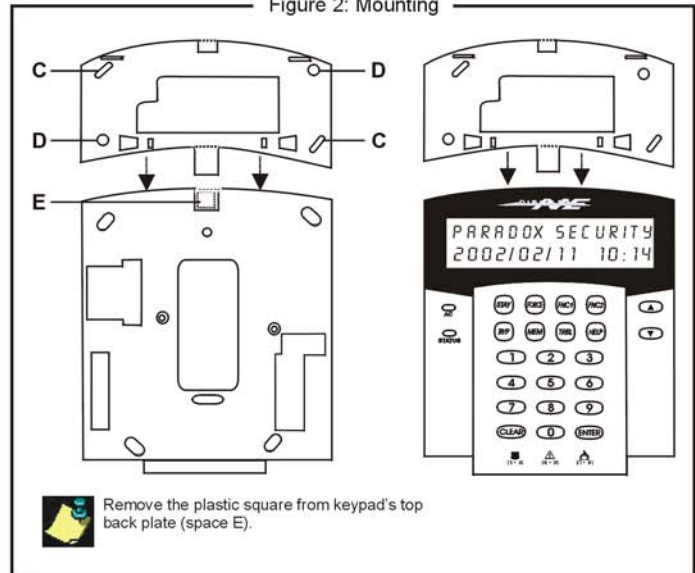
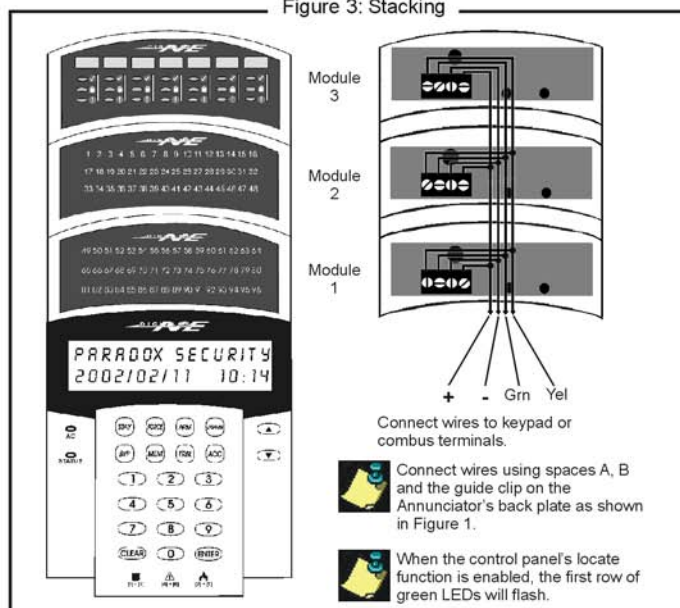
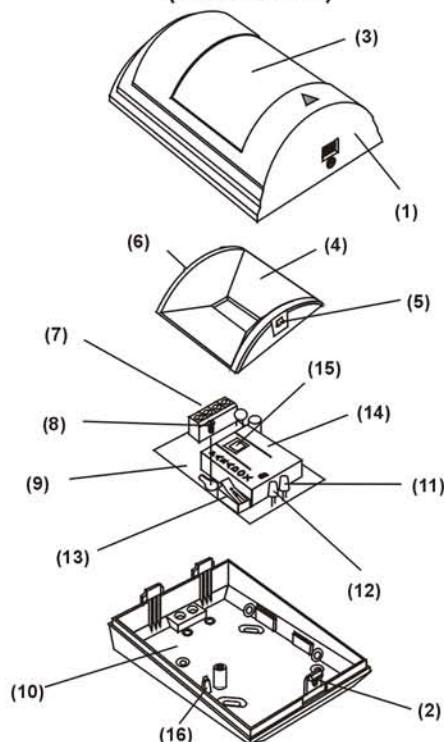


Figure 3: Stacking

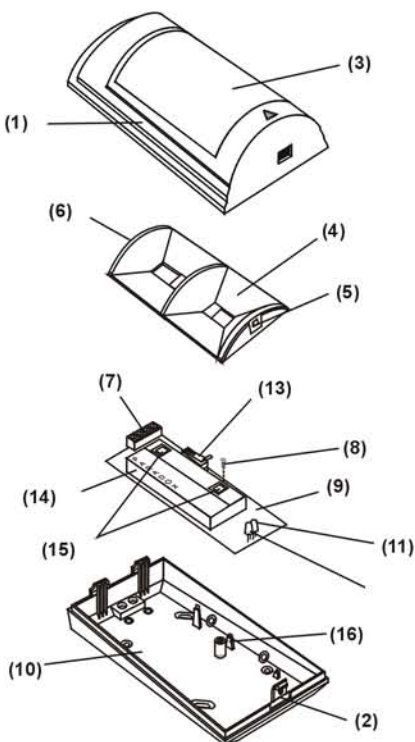


MOTION DETECTOR MODULES (DGP2-50/60/70)

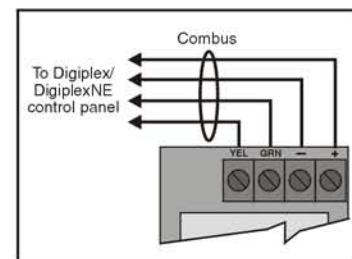
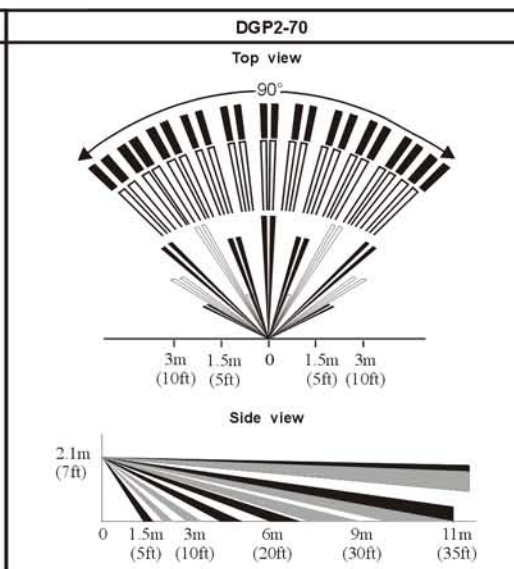
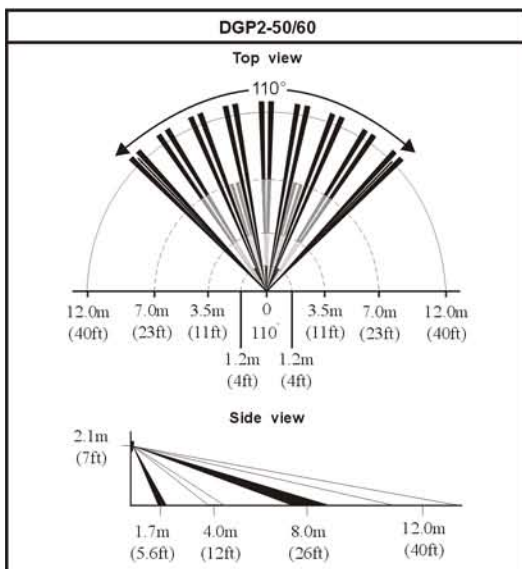
Addressable Digital Motion Detectors (DGP2-50/60)



Addressable High-security Digital Motion Detector (DGP2-70)



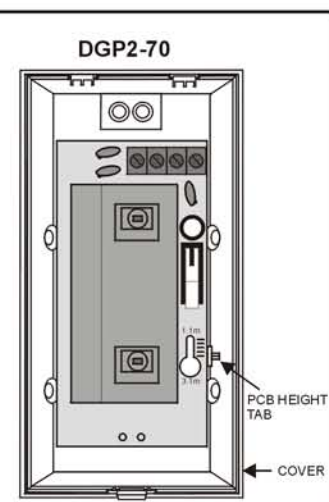
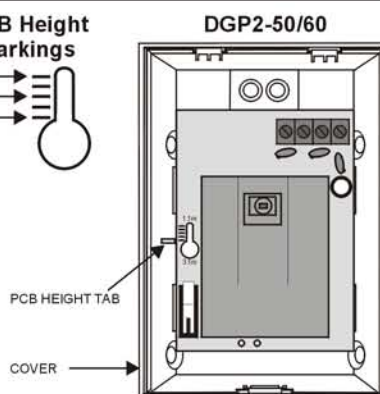
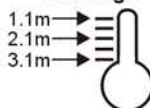
- (1) COVER
- (2) COVER PIN
- (3) LENS
- (4) BEZEL
- (5) BEZEL PIN
- (6) BEZEL PIN
- (7) ELECTRICAL CONNECTORS
- (8) PCB SCREW
- (9) PCB
- (10) BACK
- (11) DETECT / ALARM LED (red)
Flashing: Unable to communicate with the control panel.
- (12) PROTECT INDICATOR (green LED)
Locate: If activated, the LED will flash until the Anti-Tamper Switch is pressed or the detector's serial number is entered.
- (13) ANTI-TAMPER SWITCH
- (14) METAL SHIELD
- (15) SENSOR(S)
- (16) PCB HEIGHT TAB



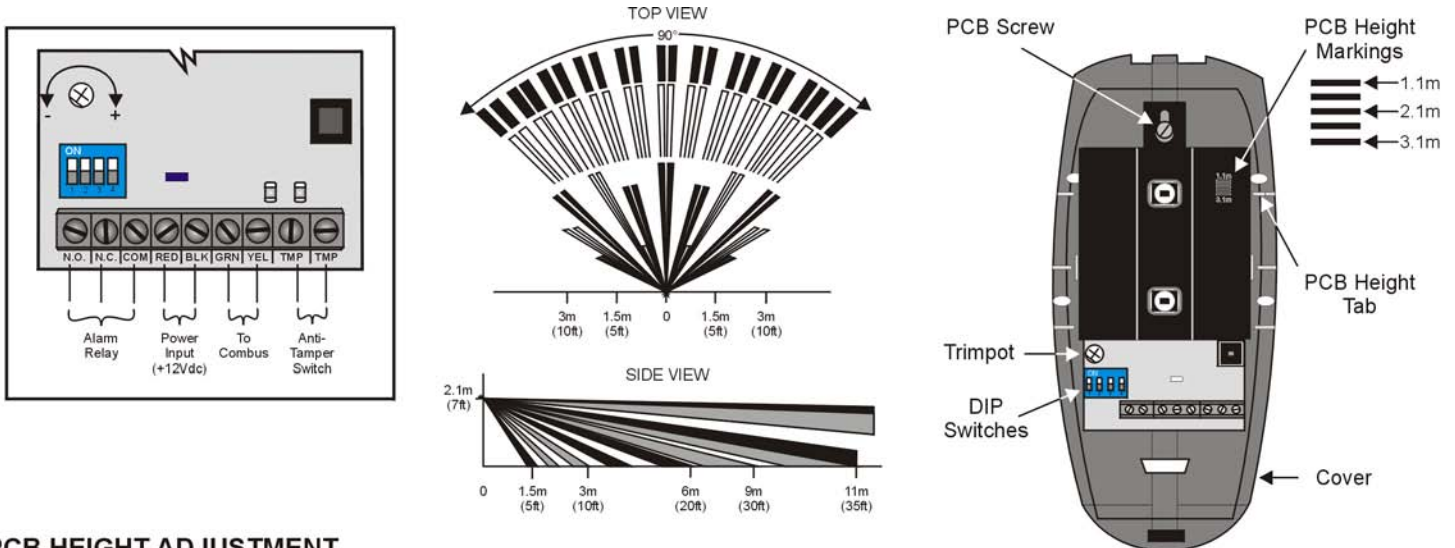
PCB Height Adjustment

DGP2-50/60/70 is designed for optimal performance at a height of 2.1m (7ft), but can be installed lower or higher. After you have installed the motion detector, ensure that the PCB Height Markings match the installation height. The installation height is measured from the ground to the base of the motion detector's cover. For example, if the motion detector is installed at a height of 2.1m (7ft), the PCB should then be adjusted to 2.1m (7ft). To adjust the PCB height, remove the PCB screw and align the PCB Height Tab with the desired height marking on the PCB.

PCB Height Markings



OUTDOOR HIGH-SECURITY DIGITAL MOTION DETECTOR MODULE (DG85)

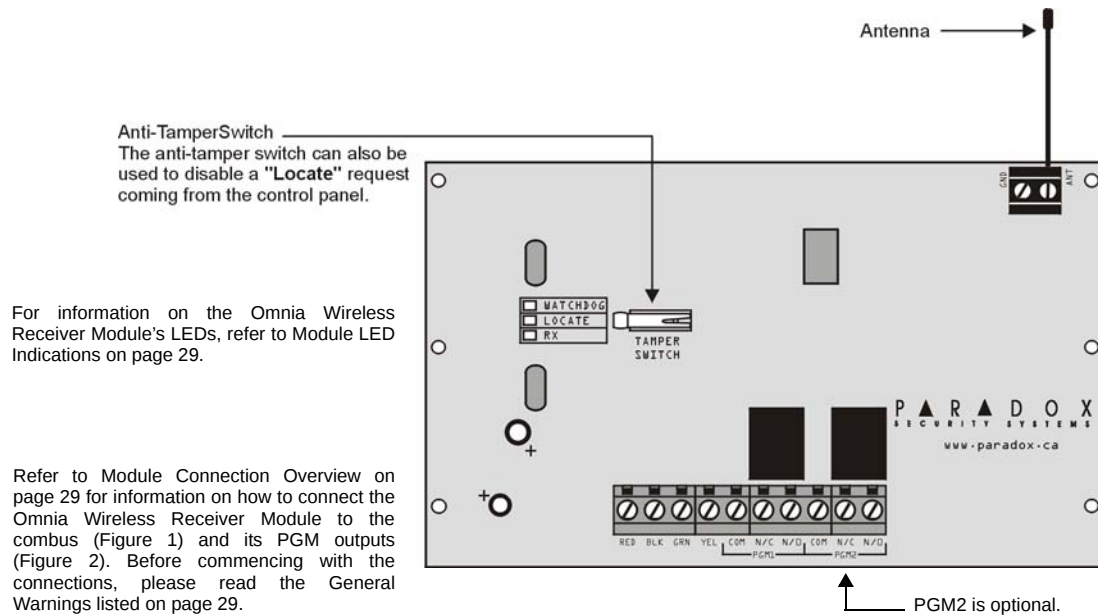


PCB HEIGHT ADJUSTMENT

The DG85 is designed for optimal performance at a height of 2.1m (7ft), but can be installed lower or higher. After you have installed the detector, ensure that the PCB Height Markings match the installation height. The installation height is measured from the ground to the base of DG85's cover. For example, if the motion detector is installed at a height of 2.1m (7ft), the PCB should then be adjusted to 2.1m (7ft). To adjust the PCB height, remove the PCB screw and align the PCB Height Tab with the desired height marking on the PCB.

WARNING: Ensure that the unit's front and back cover are tightly joined together, without any spacing around the rim of the unit, before tightening the screw. Otherwise the weatherproof casing may be compromised and moisture may enter the unit.

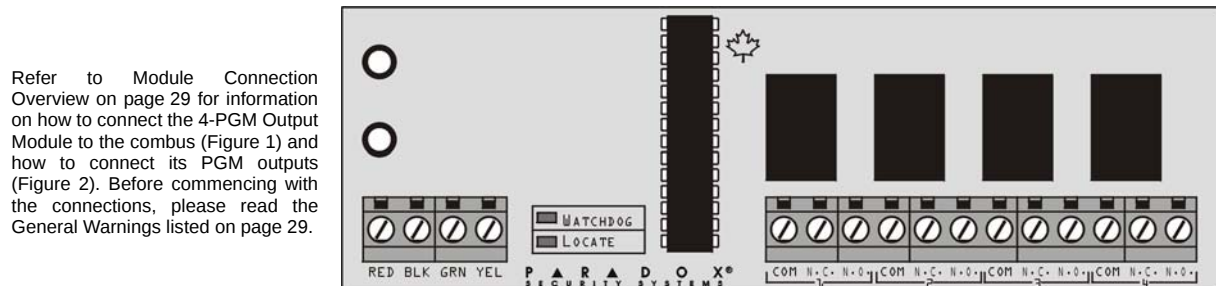
OMNIA WIRELESS EXPANSION MODULE (OMN-RCV3)



For information on the Omnia Wireless Receiver Module's LEDs, refer to Module LED Indications on page 29.

Refer to Module Connection Overview on page 29 for information on how to connect the Omnia Wireless Receiver Module to the combus (Figure 1) and its PGM outputs (Figure 2). Before commencing with the connections, please read the General Warnings listed on page 29.

4-PGM EXPANSION MODULE (APR3-PGM4)

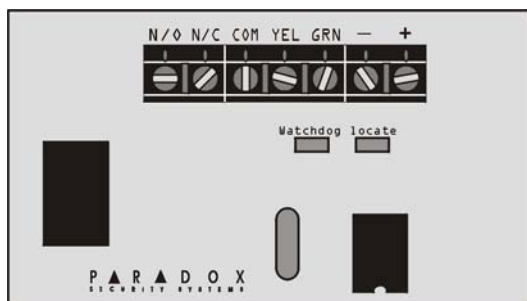


Refer to Module Connection Overview on page 29 for information on how to connect the 4-PGM Output Module to the combus (Figure 1) and how to connect its PGM outputs (Figure 2). Before commencing with the connections, please read the General Warnings listed on page 29.

For information on the 4-PGM Output Module's LEDs, refer to Module LED Indications on page 29.

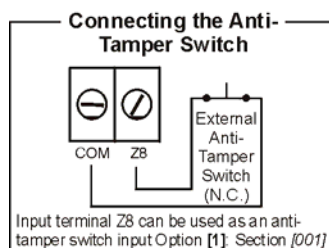
1-PGM EXPANSION MODULE (APR3-PGM1)

Refer to Module Connection Overview on page 29 for information on how to connect the 1-PGM Output Module to the combus (Figure 1) and how to connect its PGM output (Figure 2). Before commencing with the connections, please read the General Warnings listed on page 29.



For information on the 1-PGM Output Module's LEDs, refer to Module LED Indications on page 29.

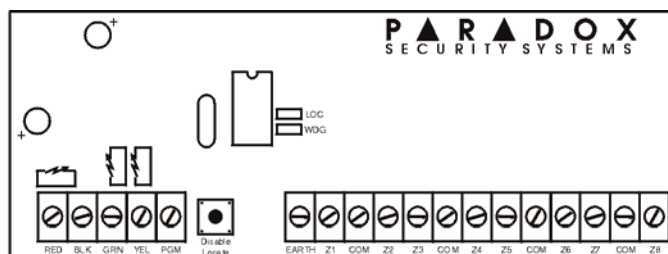
8-ZONE EXPANSION MODULE (APR3-ZX8)



For information on the 8-zone Hardwire Module's LEDs, refer to Module LED Indications on page 29.



Pressing the "Disable Locate" switch will disable a "Locate" request coming from the control panel.

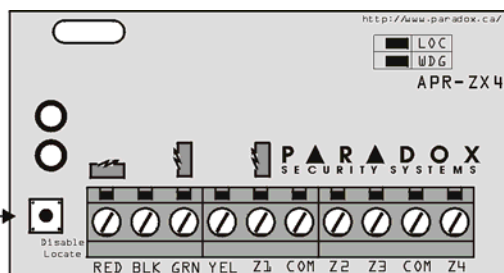


Refer to Module Connection Overview on page 29 for information on how to connect the 8-zone Hardwire Module to the combus (Figure 1) and how to connect its PGM output (Figure 3). Before commencing with the connections, please read the General Warnings listed on page 29.

Connect the detection devices to the APR3-ZX8 input terminals exactly as shown in the appropriate control panel *Reference & Installation Manual*.

4-ZONE EXPANSION MODULE (APR3-ZX4)

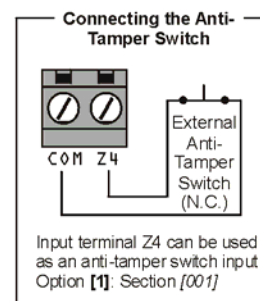
A "Locate" request coming from the control panel can be disabled by pressing the "Disable Locate" switch



Refer to Module Connection Overview on page 29 for information on how to connect the 4-zone Hardwire Module to the combus (Figure 1). Before commencing with the connections, please read the General Warnings listed on page 29.

Connect the detection devices to the APR3-ZX4 input terminals exactly as shown in the appropriate control panel *Reference & Installation Manual*.

For information on the 4-zone Hardwire Module's LEDs, refer to Module LED Indications on page 29.



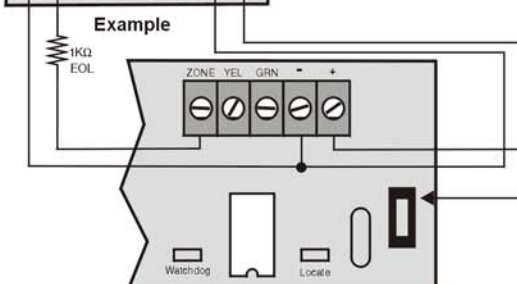
ONE-ZONE EXPANSION MODULE (DGP2-ZX1)

N.C., With EOL

Refer to the appropriate control panel *Reference & Installation Manual* for additional configurations. The DGP2-ZX1 follows the ATZ and EOL definitions set in the control panel.



For information on the One-zone Hardwire Module's LEDs, refer to Module LED Indications on page 29.



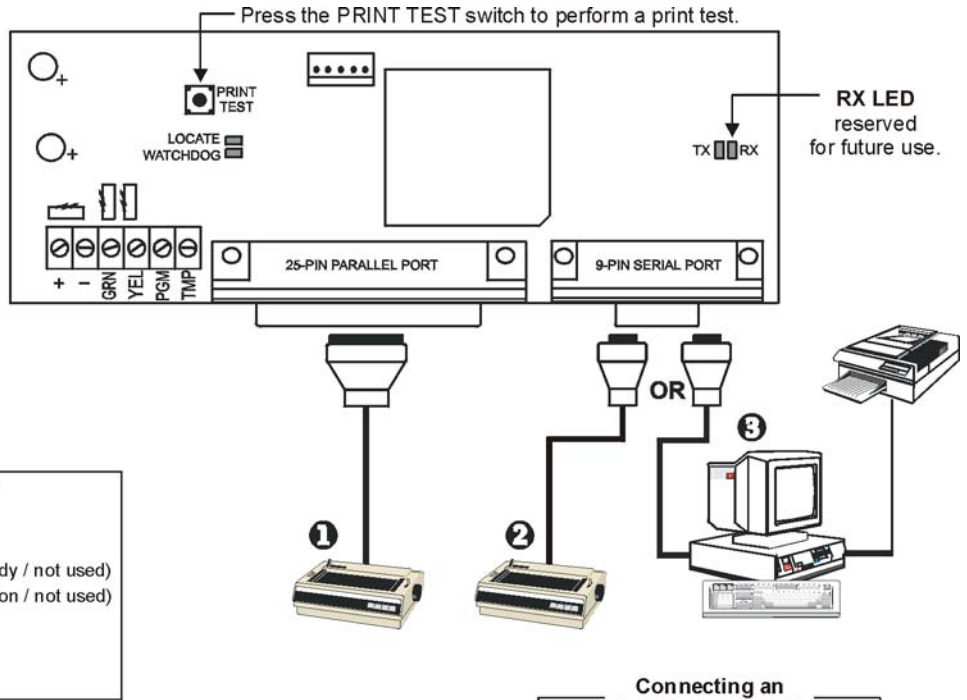
Refer to Module Connection Overview on page 29 for information on how to connect the One-zone Hardwire Module to the combus (Figure 1). Before commencing with the connections, please read the General Warnings listed on page 29.

Anti-Tamper Switch
Pressing the anti-tamper switch can also be used to disengage "Locate".

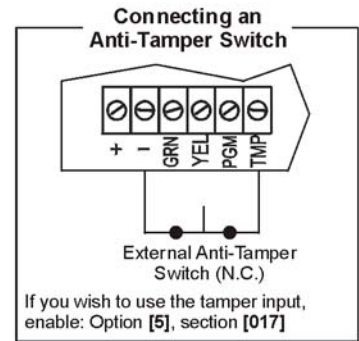
PRINTER MODULE (APR3-PRT1)

For information on the Printer Module's LEDs, refer to Module LED Indications on page 29.

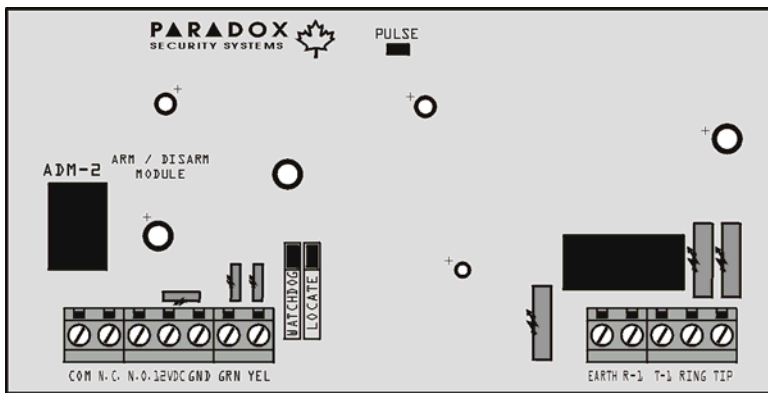
Refer to Module Connection Overview on page 29 for information on how to connect the Printer Module to the combus (Figure 1) and its PGM output (Figure 3). Before commencing with the connections, please read the General Warnings listed on page 29.



- ❶ **25-Pin Parallel Port:** Connect the Printer Module's 25-pin parallel port to any dot matrix printer. **Note: The dot matrix printer must support a minimum of 80 columns.**
- ❷ **9-Pin Serial Port:** Connect the Printer Module's 9-Pin serial port to a dot matrix printer. **Note: The dot matrix printer must support a minimum of 80 columns.**
- ❸ **9-Pin Serial Port:** Connect the Printer Module's 9-pin serial port to a computer's COM port to view the control panel's events on the computer's monitor. The events displayed on the monitor can then be printed through the printer connected to the computer.



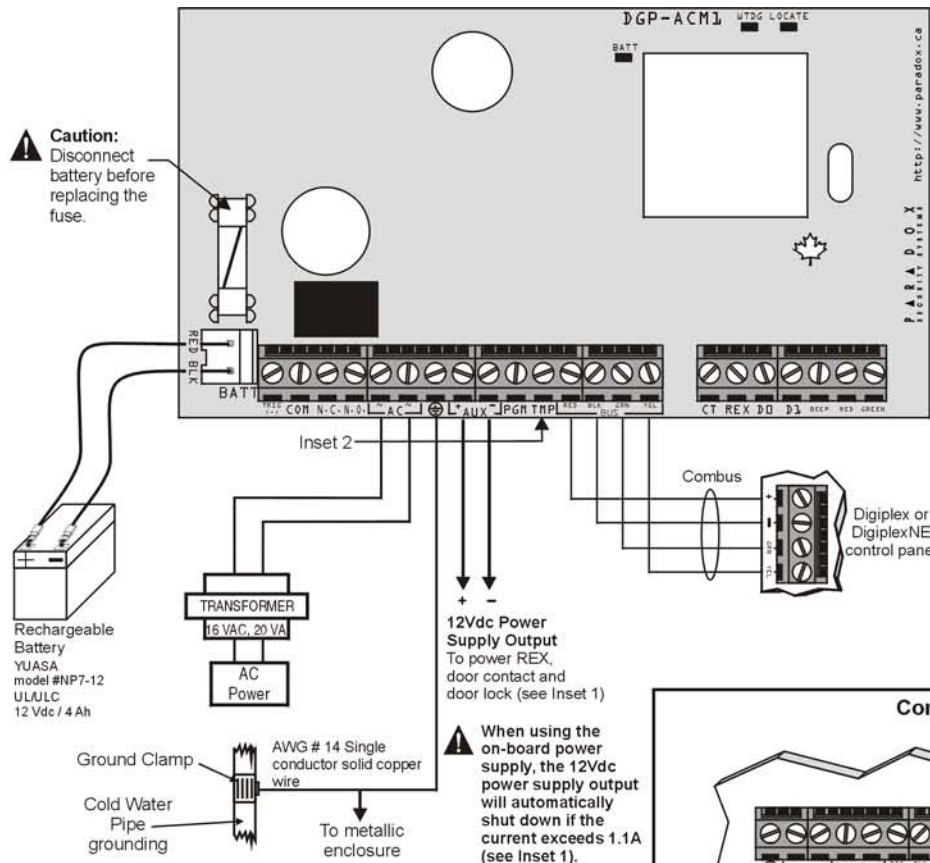
INTOUCH VOICE-ASSISTED ARM/DISARM MODULE (APR3-ADM2)



For information on the InTouch Voice-assisted Arm/Disarm Module's LEDs, refer to Module LED Indications on page 29.

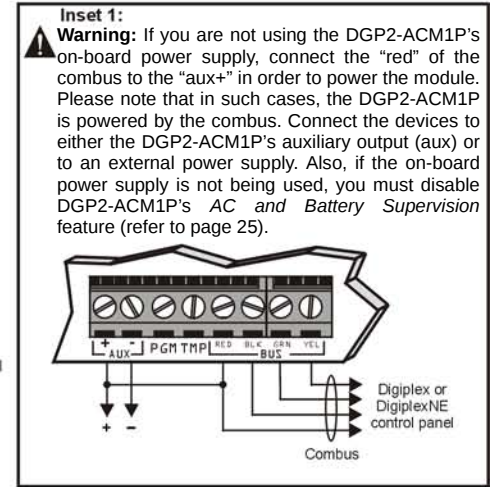
Refer to Module Connection Overview on page 29 for information on how to connect the InTouch Voice-assisted Arm/Disarm Module to the combus (Figure 1) and its PGM output (Figure 2). Before commencing with the connections, please read the General Warnings listed on page 29.

ACCESS CONTROL MODULE (DGP2-ACM1P)



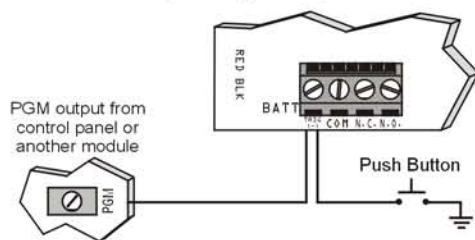
For information on the Access Control Module's LEDs, refer to Module LED Indications on page 29.

Refer to Module Connection Overview on page 29 for information on how to connect the Access Control Module's PGM output (Figure 3). Before commencing with the connections, please read the General Warnings listed on page 29.

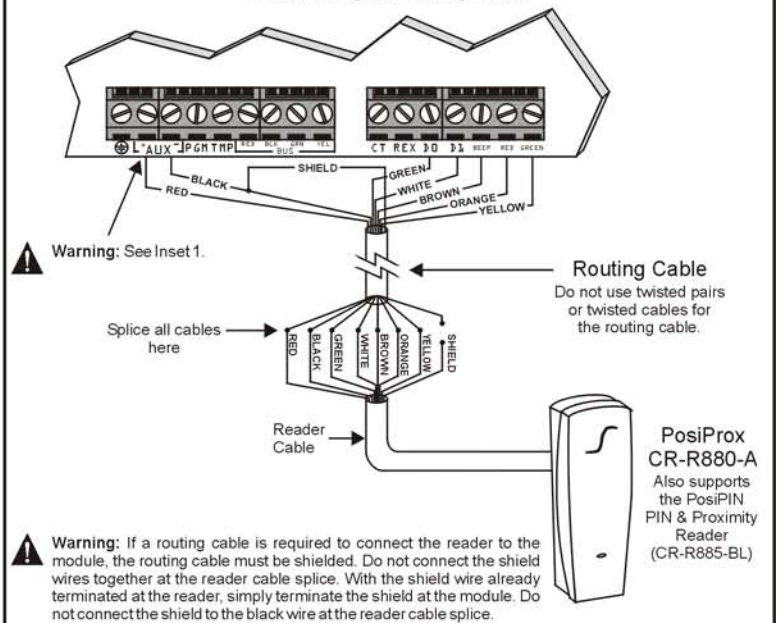


Connecting the External Negative Trigger

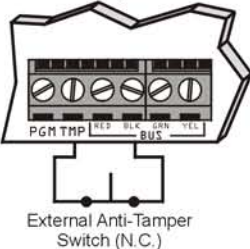
The external negative trigger can be connected to either the PGM output of the control panel or module or to a push button. Once connected, either the programmed event or the pressing of the push button will send a signal to the external negative trigger and open the door lock.



Connecting a Routing Cable



Inset 2: Connecting the Anti-Tamper Switch

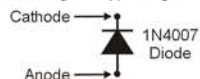


* = Follows control panel's EOL definition.

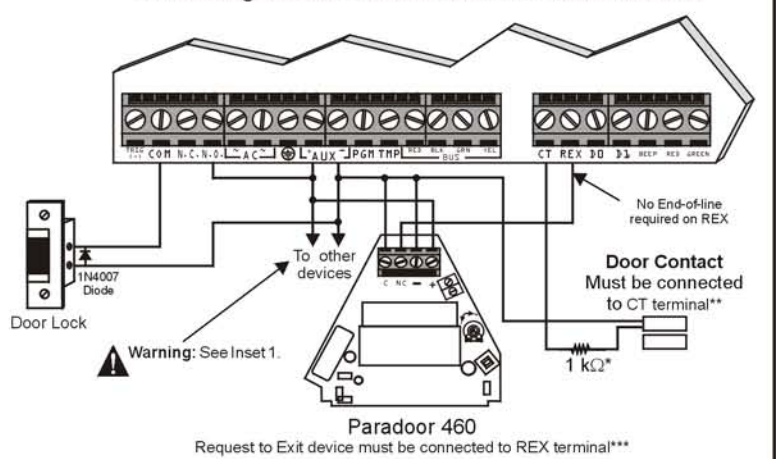
** = If the door contact is not used, install a jumper or a 1kΩ resistor across the AUX- and CT terminals depending on the control panel's EOL definition.

*** = If the Request for Exit device is not used, place a jumper across the AUX- and REX terminals.

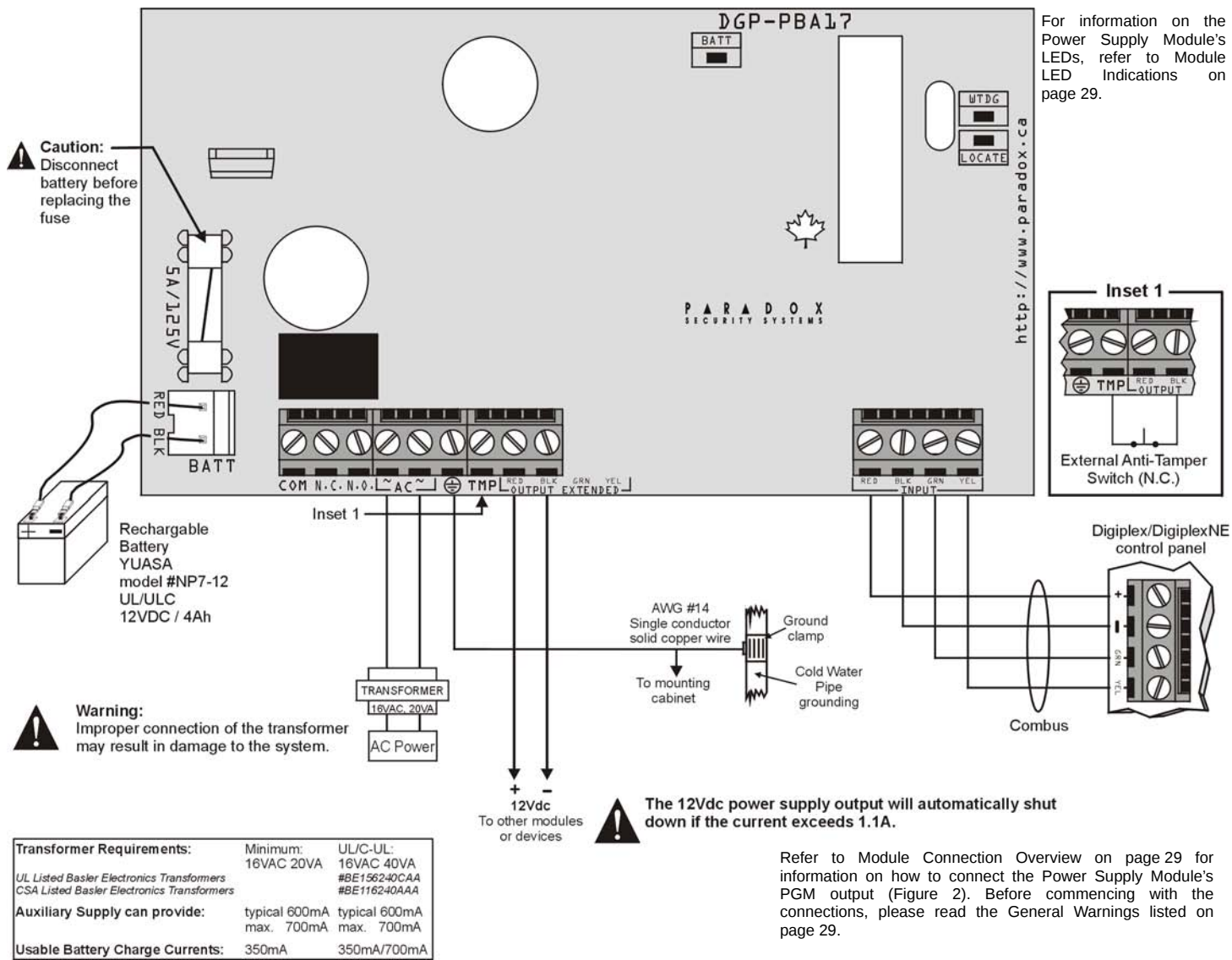
Warning: When connecting the diode to the door lock, be sure to connect the cathode of the diode to the positive (+) voltage and the anode to the negative (-) voltage.



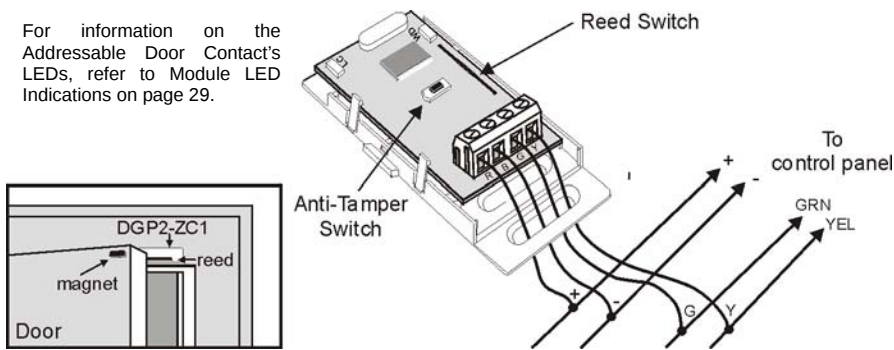
Connecting Access Control Devices to the DGP2-ACM1P



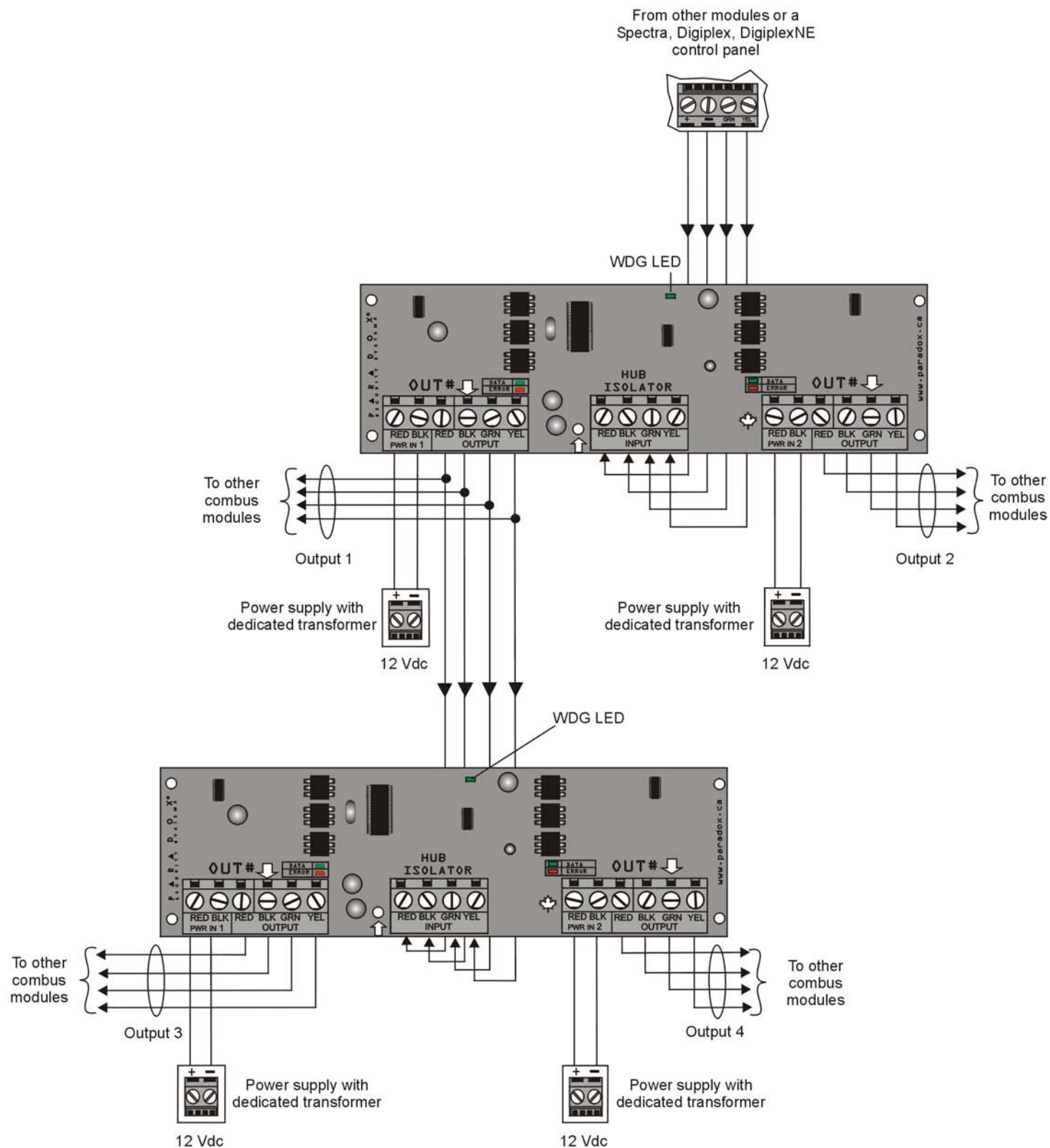
POWER SUPPLY MODULE (DGP2-PS17)



DOOR CONTACT MODULE (DGP2-ZC1)



HUB AND BUS ISOLATOR MODULE (APR3-HUB2)



The APR3-HUB2 is non-addressable, therefore you can connect an unlimited amount of hubs to the combus without affecting the total number of modules supported by the control panel.

Appendix 1: Programming PGMs

A PGM is a programmable output that toggles to its opposite state (i.e. a normally open PGM will close) when a specific event occurs in the system. *For example, a PGM can be used to reset smoke detectors, activate strobe lights, open/close garage doors and much more.* When a PGM closes, the module supplies a ground to the PGM (transistor PGM), or the link between N.C. and COM is established (Relay PGM), which activates any device or relay connected to it. When a PGM opens, the circuit opens from ground (transistor PGM), or the link between N.O. and COM is established, therefore no power is provided to the devices connected to it.

PGM ACTIVATION EVENT

The PGM Activation Event determines which event from what source will activate the PGM. The Event Group specifies the event, the Feature Group identifies the source, and the Start # and End # sets the range within the Feature Group (see PGM Programming Table below).

For example, the APR3-PGM4 (See “4-PGM Expansion Module” on page 15) can activate PGM1 when the partition is armed by User Access Codes 256 to 260. Therefore:

Event Group section [004] = 010 “Arming with User Code”

Feature Group section [005] = 001 “User Codes 256 to 511”

Start # section [006] = 000 (representing user code 256)

End # section [007] = 004 (representing user code 260)

Enter the sections that correspond to the Event Group, Feature Group, Start # and End # of the desired PGM and enter the data as required.

PGM DEACTIVATION OPTION

Once the PGMs are activated, they can deactivate when another event occurs or after a period of time. The PGM Deactivation Option determines which method is used, the PGM Deactivation Event or the PGM Timer. Enter the section that corresponds to the desired PGM and enable or disable the option.

PGM DEACTIVATION EVENT

When the PGM Deactivation Option (see above) is disabled, the PGM Deactivation Event determines which event from what source will return the PGM to its original state. The Event Group specifies the event, the Feature Group identifies the source, and the Start # and End # determine the range within the Feature Group. The complete PGM Programming Table appears below.

For example, the APR3-PGM4 (See “4-PGM Expansion Module” on page 15) can deactivate PGM1 when zone 3 opens. Therefore:

Event Group section [008] = 001 “Zone is Open”

Feature Group section [009] = 000 “Zone Numbers”

Start # section [010] = 003

End # section [011] = 003

Enter the sections that correspond to the Event Group, Feature Group, Start # and End # of the desired PGM and enter the data as required.

PGM PROGRAMMING TABLE

		Event Group	Feature Group	Start #	End #
PGM Activation Event	PGM	__/_/_	__/_/_	__/_/_	__/_/_
PGM Deactivation Event	PGM	__/_/_	__/_/_	__/_/_	__/_/_

Event Group	Event	Feature Group	Feature	Start #	End #
000	Zone is OK	000 255 = any Zone #	Zone Numbers	001 to 096	001 to 096
001	Zone is Open			001 to 096	001 to 096
002	Zone is Tampered			001 to 096	001 to 096
003	Zone is in Fire Loop Trouble			001 to 096	001 to 096
004	Non-reportable Event	000	TLM Trouble (see NOTE 3 on page 44)	000	000
			Smoke detector reset	001	001
			Arm with no entry delay	002	002
			Arm in Stay mode	003	003
			Arm in Away mode	004	004
			Full arm when in Stay mode	005	005
			Voice module access	006	006
			Remote control access	007	007
			PC Fail to communicate	008	008
			Midnight	009	009

Event Group	Event	Feature Group	Feature	Start #	End #
004 (cont'd)	Non-reportable Event	000	NEware User Login	010	010
			NEware User Logout	011	011
			User Initiated Callup	012	012
			Force Answer	013	013
			Force Hangup	014	014
		255	Any non-reportable event	Not Used	Not Used
005	User Code entered on Keypad	000	User Codes 000 to 255	000 to 255	000 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
006	User/Card Access on door	000	Door Numbers	001 to 032	001 to 032
		255	Any door number	Not Used	Not Used
007	Bypass Programming Access	000	One-touch Bypass Programming	000	000
		000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
008	TX Delay Zone Alarm	000	Zone Numbers	001 to 096	001 to 096
		255	Any zone number	Not Used	Not Used
009	Arming with Master	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
010	Arming with User Code	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
011	Arming with Keyswitch	000	Keyswitch numbers	001 to 032	001 to 032
		255	Any keyswitch number	Not Used	Not Used
012	Special Arming	000	Auto Arming	000	000
			Arming by WinLoad	001	001
			Late to Close	002	002
			No Movement Arming	003	003
			Partial Arming	004	004
			One-touch Arming	005	005
			Future Use	006	006
			Future Use	007	007
			(InTouch) Voice Module Arming	008	008
		255	Any special arming event	Not Used	Not Used
013	Disarm with Master	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
014	Disarm with User Code	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used

Event Group	Event	Feature Group	Feature	Start #	End #
015	Disarm with Keyswitch	000	Keyswitch numbers	001 to 032	001 to 032
		255	Any keyswitch	Not Used	Not Used
016	Disarm after alarm with Master	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
017	Disarm after alarm with User Code	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
018	Disarm after alarm with Keyswitch	000	Keyswitch numbers	001 to 032	001 to 032
		255	Any keyswitch	Not Used	Not Used
019	Alarm Cancelled with Master	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
020	Alarm Cancelled with User Code	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
021	Alarm Cancelled with Keyswitch	000	Keyswitch numbers	001 to 032	001 to 032
		255	Any keyswitch	Not Used	Not Used
022	Special Disarm Events	000	Auto Arm Cancelled	000	000
			One-touch Stay/Instant Disarm	001	001
			Disarming with WinLoad	002	002
			Disarming with WinLoad after alarm	003	003
			WinLoad cancelled alarm	004	004
			Future Use	005	005
			Future Use	006	006
			Future Use	007	007
			(InTouch) Voice Module Disarming	008	008
		255	Any special disarm event	Not Used	Not Used
023	Zone Bypassed	000 255 = any zone #	Zone Numbers	001 to 096	001 to 096
024	Zone in Alarm			001 to 096	001 to 096
025	Fire Alarm			001 to 096	001 to 096
026	Zone Alarm Restore			001 to 096	001 to 096
027	Fire Alarm Restore			001 to 096	001 to 096
028	Early to Disarm by User	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
029	Late to Disarm by User	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used

Event Group	Event	Feature Group	Feature	Start #	End #
030	Special Alarm	000	Emergency Panic (Keys 1 & 3)	000	000
			Medical Panic (Keys 4 & 6)	001	001
			Fire Panic (Keys 7 & 9)	002	002
			Recent Closing	003	003
			Police Code	004	004
			Global Shutdown	005	005
		255	Any special alarm event	Not Used	Not Used
031	Duress Alarm by User	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	001 to 255	001 to 255
		002	User Codes 512 to 767	001 to 255	001 to 255
		003	User Codes 768 to 999	001 to 231	001 to 231
		255	Any User Code	Not Used	Not Used
032	Zone Shutdown	000 255 = any zone #	Zone Numbers	001 to 096	001 to 096
033	Zone Tamper			001 to 096	001 to 096
034	Zone Tamper Restore			001 to 096	001 to 096
035	Special Tamper	000	Keypad Lockout	000	000
036	Trouble Event	000	TLM Trouble (see NOTE 2 on page 44)	000	000
			AC Failure	001	001
			Battery Failure	002	002
			Auxiliary Current Limit	003	003
			Bell Current Limit	004	004
			Bell Absent	005	005
			Clock Trouble	006	006
			Global Fire Loop	007	007
		255	Any trouble event	Not Used	Not Used
037	Trouble Restore	000	TLM Trouble	000	000
			AC Failure	001	001
			Battery Failure	002	002
			Auxiliary Current Limit	003	003
			Bell Current Limit	004	004
			Bell Absent	005	005
			Clock Trouble	006	006
			Global Fire Loop	007	007
		255	Any trouble restore event	Not Used	Not Used
038	Module Trouble	000	Combus Fault	000	000
			Module Tamper	001	001
			ROM/RAM error	002	002
			TLM Trouble	003	003
			Fail to Communicate	004	004
			Printer Fault	005	005
			AC Failure	006	006
			Battery Failure	007	007
			Auxiliary Failure	008	008
		255	Any module trouble	Not Used	Not Used
039	Module Trouble Restore	000	Combus Fault	000	000
			Module Tamper	001	001
			ROM/RAM error	002	002
			TLM Trouble	003	003
			Fail to Communicate	004	004
			Printer Fault	005	005
			AC Failure	006	006
			Battery Failure	007	007
			Auxiliary Failure	008	008
		255	Any module trouble restore event	Not Used	Not Used

Event Group	Event	Feature Group	Feature	Start #	End #
040	Fail to Communicate on telephone Number	000	Telephone Number	001 to 004	001 to 004
		255	Any telephone number	Not Used	Not Used
041	Low Battery on Zone	000 255 = any Zone #	Zone Numbers	001 to 096	001 to 096
042	Zone Supervision Trouble			001 to 096	001 to 096
043	Low Battery on Zone Restored			001 to 096	001 to 096
044	Zone Supervision Trouble Restored			001 to 096	001 to 096
045	Special Events	000	Power up after total power down	000	000
			Software reset (Watchdog)	001	001
			Test Report	002	002
			Future Use	003	003
			WinLoad In (connected)	004	004
			WinLoad Out (disconnected)	005	005
			Installer in programming	006	006
			Installer out of programming	007	007
		255	Any special event	Not Used	Not Used
046	Early to Arm by User	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
047	Late to Arm by User	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
048	Utility Key	000	Utility Key 001 to 064 [†]	001 to 064	001 to 064
		255	Any Utility Key [†]	Not Used	Not Used
049	Request for Exit	000 255 = any Door Number	Door Numbers	001 to 032	001 to 032
050	Access Denied			001 to 032	001 to 032
051	Door Left Open Alarm			001 to 032	001 to 032
052	Door Forced Alarm			001 to 032	001 to 032
053	Door Left Open Restore			001 to 032	001 to 032
054	Door Forced Open Restore			001 to 032	001 to 032
055	Intellizone Triggered	000	Zone Numbers	001 to 096	001 to 096
		255	Any zone number	Not Used	Not Used
056 to 061	Future Use	Future Use	Future Use	Future Use	Future Use
062	Access Granted to User	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used
063	Access Denied to User	000	User Codes 001 to 255	001 to 255	001 to 255
		001	User Codes 256 to 511	000 to 255	000 to 255
		002	User Codes 512 to 767	000 to 255	000 to 255
		003	User Codes 768 to 999	000 to 231	000 to 231
		255	Any User Code	Not Used	Not Used

†: see page 44

*: see page 44

Event Group	Event	Feature Group	Feature	Start #	End #
064	Status 1	See Note 1 on page 44	Armed	000	000
			Force Armed	001	001
			Stay Armed	002	002
			Instant Armed	003	003
			Strobe Alarm	004	004
			Silent Alarm	005	005
			Audible Alarm	006	006
			Fire Alarm	007	007
065	Status 2	See Note 1 on page 44	Ready	000	000
			Exit Delay	001	001
			Entry Delay	002	002
			System in Trouble	003	003
			Alarm in Memory	004	004
			Zones Bypassed	005	005
			Bypass, Master, Installer Programming	006	006
			Keypad Lockout	007	007
066	Status 3	See Note 1 on page 44	Intellizone Delay Engaged (see Note 4 on page 44)	000	000
			Fire Delay Engaged	001	001
			Auto Arm	002	002
			Arming with Voice Module (set until Exit Delay finishes)	003	003
			Tamper	004	004
			Zone Low Battery	005	005
			Fire Loop Trouble	006	006
			Zone Supervision Trouble	007	007
067	Future Use	Future Use	Future Use	Future Use	Future Use
070	Clock	N/A		Hour	Minutes

NOTE 1: 000 = Occurs in all partitions enabled in the system (refer to the appropriate control panel *Programming Guide*).

001 = Partition 1 003 = Partition 3 005 = Partition 5 (DGP-NE96 only) 007 = Partition 7 (DGP-NE96 only)

002 = Partition 2 004 = Partition 4 006 = Partition 6 (DGP-NE96 only) 008 = Partition 8 (DGP-NE96 only)

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

NOTE 2: This TLM trouble event can only be used with Digiplex NE control panels that have two dialers.

NOTE 3: This TLM trouble event can only be used with Digiplex control panels or Digiplex NE control panels that have one dialer.

NOTE 4: This event cannot be used for a module's PGM programming.

*: If a Keyswitch Input is used, the input must be defined as "Generates a Utility Key Event on Open" or "Generates a Utility Key Event on Open and Close". If a remote control is used, the remote control button must be defined as a Utility Key button.

†: Actions that Activate a Utility Key Event:

Utility Key Event	Actions			
	Keypad Utility Keys	Keyswitch Inputs (definition = [3])	Keyswitch Inputs (definition = [4])	Remote Control
Utility Key Event 1	[1] & [2]	KS** Input 1 opens	KS** Input 1 opens	Utility Key 1 RC button [†]
Utility Key Event 2	[4] & [5]	KS** Input 2 opens	KS** Input 1 closes	Utility Key 2 RC button [†]
Utility Key Event 3	[7] & [8]	KS** Input 3 opens	KS** Input 2 opens	Utility Key 3 RC button [†]
Utility Key Event 4	[CLEAR] & [0] or [*] & [0]	KS** Input 4 opens	KS** Input 2 closes	Utility Key 4 RC button [†]
Utility Key Event 5	[2] & [3]	KS** Input 5 opens	KS** Input 3 opens	Utility Key 5 RC button [†]
Utility Key Event 6	[5] & [6]	KS** Input 6 opens	KS** Input 3 closes	N/A
Utility Key Event 7	[8] & [9]	KS** Input 7 opens	KS** Input 4 opens	N/A
Utility Key Event 8	[0] & [ENTER] or [0] & [#]	KS** Input 8 opens	KS** Input 4 closes	N/A
Utility Key Event 9	N/A	KS** Input 9 opens	KS** Input 5 opens	N/A
Utility Key Event 10	N/A	KS** Input 10 opens	KS** Input 5 closes	N/A
Utility Key Event 11	N/A	KS** Input 11 opens	KS** Input 6 opens	N/A
Utility Key Event 12	N/A	KS** Input 12 opens	KS** Input 6 closes	N/A

Utility Key Event	Actions			
	Keypad Utility Keys	Keyswitch Inputs (definition = [3])	Keyswitch Inputs (definition = [4])	Remote Control
Utility Key Event 13	N/A	KS** Input 13 opens	KS** Input 7 opens	N/A
Utility Key Event 14	N/A	KS** Input 14 opens	KS** Input 7 closes	N/A
Utility Key Event 15	N/A	KS** Input 15 opens	KS** Input 8 opens	N/A
Utility Key Event 16	N/A	KS** Input 16 opens	KS** Input 8 closes	N/A
Utility Key Event 17	N/A	KS** Input 17 opens	KS** Input 9 opens	N/A
Utility Key Event 18	N/A	KS** Input 18 opens	KS** Input 9 closes	N/A
↓	N/A	↓	↓	N/A
Utility Key Event 31	N/A	KS** Input 31 opens	KS** Input 16 opens	N/A
Utility Key Event 32	N/A	KS** Input 32 opens	KS** Input 16 closes	N/A
Utility Key Event 33	N/A	N/A	KS** Input 17 opens	N/A
Utility Key Event 34	N/A	N/A	KS** Input 17 closes	N/A
↓	N/A	N/A	↓	N/A
Utility Key Event 63	N/A	N/A	KS** Input 32 opens	N/A
Utility Key Event 64	N/A	N/A	KS** Input 32 closes	N/A

** Keyswitch

‡ Refer to the Omnia™ Reference and Installation Manual for remote control button programming instructions.

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P ▲ R ▲ D O X[®]
S E C U R I T Y S Y S T E M S
780 Industriel Blvd, Saint-Eustache (Quebec), J7R 5V3 CANADA
Tel.: (450) 491-7444 Fax: (450) 491-2313
www.paradox.ca

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