DIGIPLEX EVO

Keypad Modules
Annunciator Module
Motion Detector Modules
Zone Expansion Modules
Access Control Module
Voice Assisted Modules
Accessory Modules
Integration Module
Internet Module

Modules Programming Guide

We hope this product performs to your complete satisfaction. Should you have any
questions or comments, please visit www.paradox.com and send us your comments.

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Entering Programming Mode

This programming guide should be used in conjunction with each module's *Reference & Installation Manual* which can be downloaded from our website at **paradox.com**. Use this guide to record the settings programmed for these modules.

Use any keypad connected to the combus to access the programming mode.

1) Press and hold the **[0]** key.
2) Enter your **[INSTALLER CODE]**.
3) Key in section **[4003]** (EVO)
4) Enter the module's **[SERIAL NUMBER]**
5) Enter the required **[DATA]**.

Feature Select Programming:
Some of the modules' sections are programmed by enabling or disabling options. Numbers **[1]** to **[8]** represent a specific option within the sections. 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. E.g.: 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.

Programming modules using other methods:

WinLoad:
The modules can be programmed at 38,400 baud by connecting locally using a 307USB adapter or remotely through a modem.

Modules Broadcast Feature:
Copy the contents of all programming sections from one module to one or more modules of the same type. To enter the programming mode, key in section **[4004]**. Enter the serial number of the source module, followed by the serial numbers of the modules you wish to program. To begin transferring data, press **[ACC]** on LCD keypads or the center action key (**Start**) on Grafica keypads.

DNE-K07 V1.4

Grafica Graphic LCD Keypad Module

Grafica Keypads can be used with DGP-848 and DGP-NE96 V1.3 or higher control panels and Digiplex EVO series control panels. 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		
Options		**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 (EVO 192 only)*	☐ Disabled	△ **Enabled**
[6]	*Partition 6 (EVO 192 only)*	☐ Disabled	△ **Enabled**
[7]	*Partition 7 (EVO 192 only)*	☐ Disabled	△ **Enabled**
[8]	*Partition 8 (EVO 192 only)*	☐ Disabled	△ **Enabled**

Section [002]	**System Options**		
Options		**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]	*Keypad Input Type*	☐ Temp. input	☐ Zone input
[8]	*Keypad Tamper*	△ **Disabled**	☐ Enabled

Section [003]	**Beep on Trouble**		
Options		**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***)	
[005]	**Outside Temperature Calibration**	
	___/___/___ (000 to 254; *000 and 128 = no calibration value*)	
[006]	**Inside Temperature Calibration**	
	___/___/___ (000 to 254; *000 and 128 = no calibration value*)	

Using the Memory Key

[100]	Download all from the Memory Key (Grafica keypad sections **[001]** to **[006]** and all user, zone, door and area labels) to the Grafica keypad.
[110]	Copy the Grafica keypad sections **[001]** to **[006]** 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* 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

Memory Key

Jumper **ON**:
Can copy and
download contents.
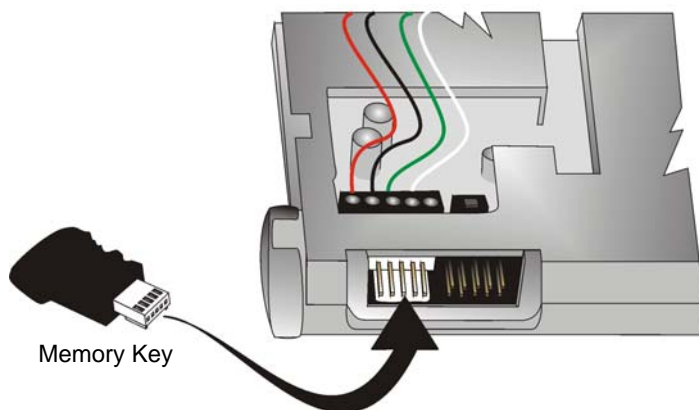
Jumper **OFF**:
Cannot override the
contents of the memory
key.

EVO641/EVO641R V1.08

32-Character Blue LCD Keypad Module

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

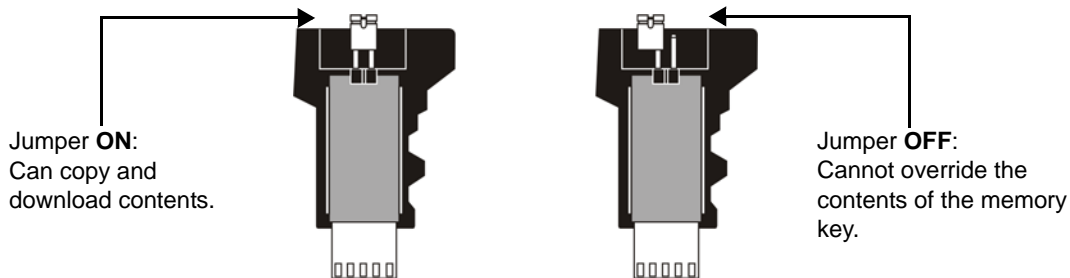| Section [001]	Keypad Partition Assignment	OFF	ON
Options			
[1]	*Partition 1*	☐ Disabled	△ **Enabled**
[2]	*Partition 2*	☐ Disabled	△ **Enabled**
[3]	*Partition 3*	☐ Disabled	△ **Enabled**
[4]	*Partition 4*	☐ Disabled	△ **Enabled**
[5]	*Partition 5 (EVO192 only)*	☐ Disabled	△ **Enabled**
[6]	*Partition 6 (EVO192 only)*	☐ Disabled	△ **Enabled**
[7]	*Partition 7 (EVO192 only)*	☐ Disabled	△ **Enabled**
[8]	*Partition 8 (EVO192 only)*	☐ Disabled	△ **Enabled**

Section [002]	Assigning Doors to Partitions †	OFF	ON
Options			
[1]	*Door Assigned to Partition 1*	☐ Disabled	△ **Enabled**
[2]	*Door Assigned to Partition 2*	△ **Disabled**	☐ Enabled
[3]	*Door Assigned to Partition 3*	△ **Disabled**	☐ Enabled
[4]	*Door Assigned to Partition 4*	△ **Disabled**	☐ Enabled
[5]	*Door Assigned to Partition 5 (EVO192 only)*	△ **Disabled**	☐ Enabled
[6]	*Door Assigned to Partition 6 (EVO192 only)*	△ **Disabled**	☐ Enabled
[7]	*Door Assigned to Partition 7 (EVO192 only)*	△ **Disabled**	☐ Enabled
[8]	*Door Assigned to Partition 8 (EVO192 only)*	△ **Disabled**	☐ Enabled

Section [003]	General Options 1	OFF	ON
Options			
[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] & [7]	*Future Use*	☐ N/A	☐ N/A
[8]	*Time display option*	△ **yy/mm/dd**	☐ dd/mm/yy

Section [004]	General Options 2	OFF	ON
Options			
[1]	*Muting*	△ **Disabled**	☐ Enabled
[2]	*Exit Delay Beep*	☐ Disabled	△ **Enabled**
[3]	*Door Left Open Pre-Alarm †*	☐ Disabled	△ **Enabled**
[4]	*Chime on Zone Closure*	△ **Disabled**	☐ Enabled
[5]	*Door Left Open Alarm Feedback †*	☐ Silent	△ **Audible**
[6]	*Door Left Open Alarm Follows †*	△ **Alarm restore**	☐ Beep Timer
[7]	*Door Forced Alarm †*	☐ Silent	△ **Audible**
[8]	*Door Forced Alarm †*	△ **Alarm restore**	☐ Beep Timer

† Section/option is only available with 57

‡ Section/option is only available with EVO641

Section [005] Beep on Trouble

Options		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 [6]	*Future Use*	☐ N/A	☐ N/A
[7]	*Time Format*	△ **24Hr clock**	☐ 12Hr clock
[8]	*Future Use*	☐ N/A	☐ N/A

Section [006] PGM and Tamper Options

Options		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 [006] General Options 3 †

Options		OFF	ON
[1]	*Card Activates Door Unlocked Schedule*	☐ Disabled	△ **Enabled**
[2]	*Door Left Open Alarm*	△ **Disabled**	☐ Enabled
[3]	*Door Forced Open Alarm*	△ **Disabled**	☐ Enabled
[4]	*PIN Entry on Keypad (*Option cannot be turned **ON**).	△ **Enabled**	☐ N/A
[5]	*Keypad Tamper*	△ **Disabled**	☐ Enabled
[6]	*Relock Door*	△ **Disabled**	☐ Enabled
[7]	*Future Use*	☐ N/A	☐ N/A
[8]	*Unlock on REX*	△ **Disabled**	☐ Enabled

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

Section [017] Door Unlocked Schedule †

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

† Section/option is only available with EVO641R.
‡ Section/option is only available with EVO641.

Sections ‡	PGM Activation Event
[009]	__/__/__ Event Group
[010]	__/__/__ Feature Group
[011]	__/__/__ Start #
[012]	__/__/__ End #

Sections ‡	PGM Deactivation Event
[013]	__/__/__ Event Group
[014]	__/__/__ Feature Group
[015]	__/__/__ Start #
[016]	__/__/__ End #

‡ Section/option is only available with EVO641.

⚠️ *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 52 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".

📝 Use WinLoad to program a message for zones 49 to 192 and for codes 97 to 999 respectively.

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**	**N/A**

Table 3: Special Characters

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

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 number.
3) Once the keypad emits a confirmation beep, wait for a second confirmation beep and then remove the Memory Key.
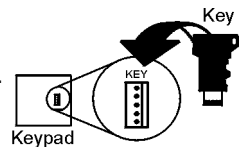
Copy Contents of the LCD Keypad to the Memory Key
1) Insert Memory Key onto the keypad's connector labelled "KEY". Ensure that the 'write protect' jumper is on (refer to *Memory Key* below).
2) To copy the contents to the Memory Key, enter the keypad's programming mode and enter section number.
3) Once 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

Jumper **ON**:
Can copy and download contents.

Jumper **OFF**:
Cannot override the contents of the memory key.
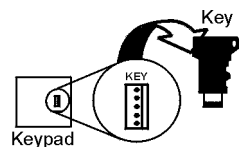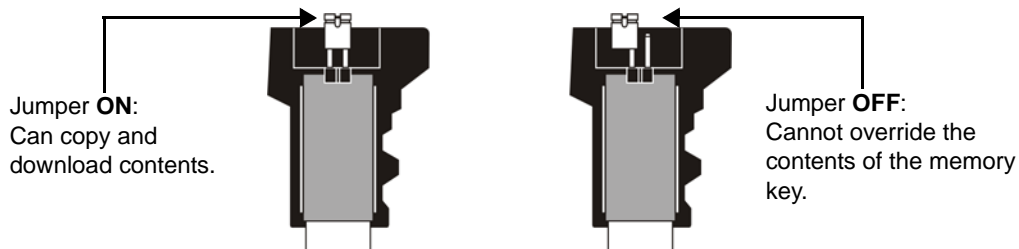
Combus Voltmeter

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.

DGP2-648BL

48-zone LED Keypad Module

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

Options		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

Options		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

Options		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

Sections	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*

Sections	PGM Activation Event
[014]	__/__/__ Event Group
[015]	__/__/__ Feature Group
[016]	__/__/__ Start #
[017]	__/__/__ End #

Sections	PGM Deactivation Event
[018]	__/__/__ Event Group
[019]	__/__/__ Feature Group
[020]	__/__/__ Start #
[021]	__/__/__ End #

⚠️ *Refer to Appendix 1: Programming PGMs on page 52 for the PGM Table. Only Event Groups 000 to 055 can be used to program the module's PGM.*

| Sections	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.

Section	LED Number	Zone Displayed	Default	Section	LED Number	Zone Displayed	Default	Section	LED Number	Zone Displayed	Default
					Zone Display						
[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.
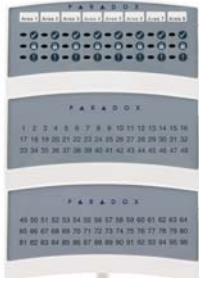
DGP2-ANC1B V1.1

Annunciator Module

The DGP2-ANC1's serial number is located on the module's PC board.

△ **=** Default Settings

Section [001]	Partition Assignment	OFF	ON
Options			
[1]	*Partition 1*	☐ Disabled	△ **Enabled**
[2]	*Partition 2*	☐ Disabled	△ **Enabled**
[3]	*Partition 3*	☐ Disabled	△ **Enabled**
[4]	*Partition 4*	☐ Disabled	△ **Enabled**
[5]	*Partition 5 (EVO192 only)*	☐ Disabled	△ **Enabled**
[6]	*Partition 6 (EVO192 only)*	☐ Disabled	△ **Enabled**
[7]	*Partition 7 (EVO192 only)*	☐ Disabled	△ **Enabled**
[8]	*Partition 8 (EVO192 only)*	☐ Disabled	△ **Enabled**

Section [002]	General Options 1	OFF	ON
Options			
[1]	*Beeper Mute Mode**	△ **Disabled**	☐ Enabled
[2]	*Beep on System Trouble*	△ **Disabled**	☐ Enabled
[3]	*Beep on Communicator Trouble*	△ **Disabled**	☐ Enabled
[4]	*Beep on Combus/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.

Sections	Status Display Mode	Description	Default
[003]	__/__/__ 000	Partition Status	*000*
	__/__/__ 001	Zones 01 to 48	*000*
	__/__/__ 002	Zones 49 to 96	*000*
	__/__/__ 003 to 005	Future Use	*n/a*

Enter a value between 000 and 005 to set which status the Annunciator will display.

DGP2-50/60 & DGP2-70

Motion Detector Modules

<div align="right">△ = Default Setting</div>

Section [001]	General Options	OFF	ON
Options		**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] & [7] & [8]	*Future Use*	☐ N/A	☐ N/A

Refer to DGP2-50/60/70's connection drawing on page 42 for the location of the DIP switches and Trimpot.

Section	Data	Description	Default
[002]	__/__/__	000 Very Low Shield, 001 Low Shield, 002 Normal Sheild, 003 High Shield	*002*

DG85 V1.3

Outdoor High-Security Digital Motion Detector Modules

Operational Modes

The DG85 can function in two different operational modes: combus mode or relay mode. This option can only be configured using the **J3** jumper:

Relay Mode: (DIP Switch 1 = OFF)

When set to Relay Mode, the DG85 functions as would any standard motion detector by communicating its alarm and tamper signals via relays. The **GRN** and **YEL** terminals are not used in relay mode. In Relay Mode, the detector's settings can only be modified using the jumpers see table below.

Combus Mode: (DIP Switch 1= ON)

When set to combus mode, the DG85 communicates alarm signals, tamper signals, data and detector settings via the panel's 4-wire combus. The detector's relay output always remains active even when set to combus mode and can be used to activate other devices.

Settings

Refer to DG85's connection drawing on page 42 for the location of the DIP switches and Trimpot.

$\triangle$ = Default Setting

Section [001]	General Options			
Options		**OFF**	**ON**	**Manual Setting**
[1]	*Single/Dual Edge Processing*	☐ Dual Edge	△ **Single Edge**	DIP Switch 2 OFF = Dual Edge ON = Single Edge
[2]	*LED*	☐ Disabled	△ **Enabled**	DIP Switch 3 OFF = Disabled ON = Enabled
[3]	*Movement Signal Indication*	☐ Disabled	△ **Enabled**	Enabled when DIP Switch 3 is ON
[4]	*Future Use*	☐ N/A	☐ N/A	☐ N/A
[5]	*Tamper Recognition*	△ **Disabled**	☐ Enabled	☐ N/A

Section	Data	Description	Default
[002]	__/__/__	000 Lowest Sensitivity, 010 Highest Sensitivity	Trimpot 0-10[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.

DG467 V1.0

360° Ceiling Mounted Motion Detector Module

Operational Modes

The DG467 can function in two different operational modes: combus mode or relay mode. This option can only be configured using the **J4** jumper:

Relay Mode: (J4 = OFF)

When set to Relay Mode, the DG467 functions as would any standard motion detector by communicating its alarm and tamper signals via relays. The **GRN** and **YEL** terminals are not used in relay mode. In Relay Mode, the detector's settings can only be modified using the jumpers (see figure 1).

Combus Mode: (J4 = ON)

When set to combus mode, the DG467 communicates alarm signals, tamper signals, data and detector settings via the panel's 4-wire combus. The detector's relay output always remains active even when set to combus mode and can be used to activate other devices.

In combus mode, the motion detector can be modified using the jumpers or by entering module programming mode.

In combus mode, the DG467 will respect the most recent modification whether it is made through the jumpers or through section programming. As a result, current jumper positions may not represent actual settings. All settings are stored in the DG467 even after it has been powered down

△ = Default setting

Section [001]	General Options			
Options		**OFF**	**ON**	**Manual Jumper Setting**
[1]	*Signal Processing Mode*	☐ Dual Edge	△ **Single Edge**	OFF = Dual Edge *J3* ON = Single Edge *J3*
[2]	*LED Settings*	☐ Disabled	△ **Enabled**	OFF= Disabled *J1* ON = Enabled *J1*
[3]	*Movement Without Alarm*	☐ Disabled	△ **Enabled**	☐ N/A
[5]	*Tamper Recognition*	△ **Disabled**	☐ Enabled	☐ N/A

Section [002]	Status Display Mode	Description	Default	Manual Jumper Seeting
	__/__/__ 000	△**Very low shield** (high sensitivity)		J2 **OFF** = High Shield
	__/__/__ 001	Low shield	*n/a*	J2 **ON** = △**Very low shield**
	__/__/__ 002	Normal shield	*n/a*	n/a
	__/__/__ 003	High shield	*n/a*	n/a

Section [900]	Voltage Meter
	Displays **[3-digit number]** which represents input voltage x 10 e.g. **[133]** = 13.3V

DG457 V1.0

Digital Glassbreak Detector

Operational Modes

The DG457 can function in two different operational modes: combus mode or relay mode. This option can only be configured using the **J3** jumper:

Relay Mode: (J3 = OFF)

When set to Relay Mode, the DG457 functions as would any standard motion detector by communicating its alarm and tamper signals via relays. The **GRN** and **YEL** terminals are not used in relay mode. In Relay Mode, the detector's settings can only be modified using the jumpers (see figure 1).

Combus Mode: (J3 = ON)

When set to combus mode, the DG457 communicates alarm signals, tamper signals, data and detector settings via the panel's 4-wire combus. The detector's relay output always remains active even when set to combus mode and can be used to activate other devices.

In combus mode, the motion detector can be modified using the jumpers or by entering module programming mode.

△ = Default setting

Section [001]				
Options		**OFF**	**ON**	**Manual Jumper Setting**
[1]	*Sensitivity Setting*	△ **Regular**	☐ Low	OFF = Regular sensitivity *J2* On = Low sensitivity *J2*
[2]	*Future Use*	☐ N/A	☐ N/A	☐ N/A
[3]	*Alarm Memory*	△ **Alarm disabled**	☐ Alarm Enabled	OFF = Alarm Disabled *J1* ON = Alarm Enabled *J1*
[4]	*Future Use*	☐ N/A	☐ N/A	☐ N/A
[5]	*Tamper Recognition*	△ **Disabled**	☐ Enabled	☐ N/A

Section [002]	
	Test Mode
	Keypad Method Entering (123) initiates test mode. **Jumper Method** Remove and replace Jumper 1 (J1). **Test Trek Method** With the TestTrek unit (v2.0 or higher) approximately 2.5m (8ft) from the GlassTrek, hold the test button down. A beep followed by a series of beeps is produced which signals the GlassTrek to enter test mode.

Section [900]	
	Voltage Meter Displays **[3-digit number]** which represents input voltage x 10 e.g. **[133]** = 13.3V

DGP2-ZX1 V2.0

1-zone Expansion Module

Section [001]	General Options		
Option		**OFF**	**ON**
[1]	*Tamper Recognition*	△ **Disabled**	☐ Enabled
[2] to [8]	*Future Use*	☐ N/A	☐ N/A

Input speed = Base Time X Time Value (Default: 600ms)

Sections	**Base Time**	**Description**	**Default**
[002]	__/__/__ (000 = 15 ms)	*For the Base Time, using Level Programming, press*	n/a
	__/__/__ (001 = 1second)	*the ⏶ and ⏷ buttons to select a value from*	n/a
	__/__/__ (002 = 1 minute)	*000 to 002 and then press [ENTER].*	

Section	**Time Value**
[003]	___/___/___ (001 to 255)

APR3-ZX4 V1.0

4-zone Expansion Module

△ = Default setting

Section [001]	General Options			
Option		**OFF**	**ON**	
[1]	*Tamper Recognition ON = Input 4 (Z4) becomes tamper input*	△ **Disabled**	☐ Enabled	
[2] to [8]	*Future Use*	☐ N/A	☐ N/A	

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

* For the Base Time, using Level Programming, 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.

APR-ZX8

8-zone Expansion Module

△ = Default setting

<table>
<tr><td>**Section [001]**</td><td colspan="2">General Options</td></tr>
<tr><td>**Options**</td><td></td><td>**OFF**</td><td>**ON**</td></tr>
<tr><td>**[1]**</td><td>*Tamper Recognition*
ON = Input 8 (Z8) becomes tamper input</td><td>△ **Disabled**</td><td>☐ Enabled</td></tr>
<tr><td>**[2]**</td><td>*PGM Deactivation After*</td><td>△ **Disabled**</td><td>☐ PGM Timer</td></tr>
<tr><td>**[3]**</td><td>*PGM normal state*</td><td>△ **N.O.**</td><td>☐ N.C.</td></tr>
<tr><td>**[4]**</td><td>*PGM Base Time*</td><td>△ **1 second**</td><td>☐ 1 minute</td></tr>
<tr><td>**[5] to [8]**</td><td>*Future Use*</td><td>☐ N/A</td><td>☐ N/A</td></tr>
</table>

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

* For the Base Time, 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

Sections	PGM Activation Event
[019]	__/__/__ Event Group
[020]	__/__/__ Feature Group
[021]	__/__/__ Start #
[022]	__/__/__ End #

Sections	PGM Deactivation Event
[023]	__/__/__ Event Group
[024]	__/__/__ Feature Group
[025]	__/__/__ Start #
[026]	__/__/__ End #

⚠ *Refer to Appendix 1: Programming PGMs on page 52 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.

MG-RTX3 V1.1

Magellan Wireless Expansion Module

When using on an EVO96 version 1.52 or higher without an EVO641, enable option [1] in section **[3029]**.

△ = Default setting

Section [001]

Options		OFF	ON
[1]	*Low battery supervision*	☐ Disabled	Enabled
[2]	*Check-in supervision*	△ **Disabled**	☐ Enabled
[3]	*Check-in supervision time interval*	△ **24 hours**	☐ 80 minutes
[4]	*RF Jamming supervision*	☐ Disabled	△ **Enabled**
[5]	*On-board module tamper*	△ **Disabled**	☐ Enabled
[6] & [7]	*Future use*	☐ N/A	☐ N/A
[8]	*Transmitter tamper signal*	△ **Ignored**	☐ Reported

Section [030]

View a transmitter's unknown 6-digit serial number

Sections [101] to [132]

Assign the transmitters to the MG-RTX3 by entering their 6 digits serial numbers in the appropriate section or by pressing and releasing the transmitter's tamper switch.
[101] = Transmitter/Input 1, [132] = Transmitter/Input 32
To delete the assigned transmitters, enter 000000 as a serial number

Sections

Transmitter Info

[601] to [632] View the transmitters' signal strength (3 or less is too weak and the transmitter should be moved, 4 to 10 is acceptable.) [601] is Transmitter/Input 1, [632] is Transmitter/Input 32)

[701] to [732] View the current battery life of the transmitters (Number of weeks the batteries have been in the transmitter.) [701] is Transmitter/Input 1, [732] is Transmitter/Input 32)

[801] to [832] View the previous battery life of the transmitters (Number of weeks the previous batteries were in the transmitter.) [801] is Transmitter/Input 1, [832] is Transmitter/Input 32)

Two-Way PGM

[671] to [678] View Two-Way PGMs' signal strength. (3 or less is too weak and the transmitter should be moved, 4 to 10 is acceptable.)

[901] to [908] Assign or delete Two-Way PGM (Enter the PGM's serial number or press and release the transmitter's tamper switch to assign it, or enter 000000 to delete it. Section [901] = PGM 1, section [908] = PGM 8. For [901] to [904], entering 000000 will assign it to the on-board PGM.)

[910] to [989] Program the Two-Way PGM. (SeeTable 4 on page 21)

		Event Group	Feature Group	Start #	End #
PGM Activation*	PGM1	[910]	[911]	[912]	[913]
	PGM2	[920]	[921]	[922]	[923]
	-	+10 per PGM	+10 per PGM	+10 per PGM	+10 per PGM
	PGM8	[980]	[981]	[982]	[983]

		Event Group	Feature Group	Start #	End #
PGM Deactivation*	PGM1	[914]	[915]	[916]	[917]
	PGM2	[924]	[925]	[926]	[927]
	-	+10 per PGM	+10 per PGM	+10 per PGM	+10 per PGM
	PGM8	[984]	[985]	[986]	[987]

*For a complete list of events, refer to the PGM programming section of your Digiplex or Digiplex EVO control panel's programming guide.

		PGM Delay		Options
PGM Delay (000 to 255) Default: 005	PGM1	[918]	[919]	Option [1]: ON = PGM delay / OFF = Latch (default)
	PGM2	[928]	[929]	
	-	+10 per PGM	+10 per PGM	Option [2]: ON = Minutes / OFF = Seconds (default)
	PGM8	[988]	[989]	

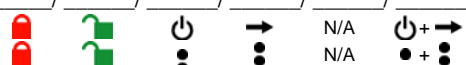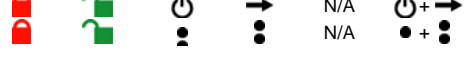|	
[991]	View Two-Way PGM tamper trouble (PGMs with the trouble will be indicated by their number)
[992]	View Two-Way PGM supervision trouble (PGMs with the trouble will be indicated by their number)

Sections	
[040] to [043]	View how many of the 32 remotes are used. [040] = remotes 1 to 8; [043] = remotes 25 to 32. To delete a remote, press the corresponding number until it's no longer displayed in these sections.
[201] to [232]	Assigning remote controls to the MG-RTX3. [201] = remote 01; [232] = remote 32 Enter the desired section and then press and hold a button on the remote control until you hear a confirmation beep.
[301] to [332]	Assign the remote controls to users by entering a user number (001 to 255) in the appropriate section (Users 001 to 255, Section [301] = remote 01, section [332] = remote 32.)
[401] to [432]	Program the remote control or delete the remote control button programming. [401] = remote 01; [432] = remote 32 _____/ _____/ _____/ _____/ _____/ _____/ _____/ _____ (default: 15000000) (see MG-REM1 instructions) (see MG-REM2 instructions) [0] = Button Disabled [8] = Panic 2† (Non-Medical) [1] = Regular Arm [9] = Panic 3† (Fire) [2] = Stay Arm [stay] = Smoke reset [3] = Instant Arm [force] = Utility Key 1* [4] = Force Arm [arm] = Utility Key 2* [5] = Disarm [disarm] = Utility Key 3* [6] = Stay/Instant Disarm [byp] = Utility Key 4* [7] = Panic 1† (Police) [mem] = Utility Key 5* [clear] = Exit without saving [enter] = Save data

DGP-LSN4 and DGP-SUB V1.1

Listen-in Module

Section [001] — **Substation 1 Partition Assignment**

Options

		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*	☐ Disabled	△ **Enabled**
[6]	*Partition 6*	☐ Disabled	△ **Enabled**
[7]	*Partition 7*	☐ Disabled	△ **Enabled**
[8]	*Partition 8*	☐ Disabled	△ **Enabled**

Section [002] — **Substation 2 Partition Assignment**

Options

		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*	☐ Disabled	△ **Enabled**
[6]	*Partition 6*	☐ Disabled	△ **Enabled**
[7]	*Partition 7*	☐ Disabled	△ **Enabled**
[8]	*Partition 8*	☐ Disabled	△ **Enabled**

Section [003] — **Substation 3 Partition Assignment**

Options

		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*	☐ Disabled	△ **Enabled**
[6]	*Partition 6*	☐ Disabled	△ **Enabled**
[7]	*Partition 7*	☐ Disabled	△ **Enabled**
[8]	*Partition 8*	☐ Disabled	△ **Enabled**

Section [004] — **Substation 4 Partition Assignment**

Options

		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*	☐ Disabled	△ **Enabled**
[6]	*Partition 6*	☐ Disabled	△ **Enabled**
[7]	*Partition 7*	☐ Disabled	△ **Enabled**
[8]	*Partition 8*	☐ Disabled	△ **Enabled**

Section [005]	**General Option 1**		
Options		**OFF**	**ON**
[1]	*Module Tamper Input*	△ **Disabled**	☐ Enabled
[2]	*Telephone Line Monitoring*	△ **Disabled**	△ **Enabled**
[3]	*Volume Bypass*	☐ Disabled	△ **Enabled**
[4]	*Continuous Recording*	△ **Disabled**	△ **Enabled**
[5]	*Bypass Siren on Communication*	☐ Disabled	☐ Enabled
[6]	*Locate Feedback on Substations*	△ **Disabled**	☐ Enabled
[7]	*Response Connection Code*	△ **Direct**	☐ Press *
[8]	*Call Back Connection*	☐ Disabled	☐ Enabled

Section [006]	**General Option 2**		
Options		**OFF**	**ON**
[1]	*Substation 1 Anti-tamper Switch*	△ **Disabled**	☐ Enabled
[2]	*Substation 2 Anti-tamper Switch*	△ **Disabled**	☐ Enabled
[3]	*Substation 3 Anti-tamper Switch*	△ **Disabled**	☐ Enabled
[4]	*Substation 4 Anti-tamper Switch*	△ **Disabled**	☐ Enabled
[5]	*Background Music Input*	△ **Disabled**	☐ Enabled
[6]	*User Phoneline Menu Selection*	△ **User**	☐ Monitoring
[7]	*Monitoring Station Phoneline Menu Selection*	☐ User	△ **Monitoring**
[8]	*User Phoneline Default Menu*	☐ Arm/Disarm	△**Listen-In**

Section [007]	**Connection Options 1**		
Options		**OFF**	**ON**
[1]	*Zone Alarm starts Listen-in Mode*	☐ Disabled	△ **Enabled**
[2]	*Fire Alarm starts Listen-in Mode*	☐ Disabled	△ **Enabled**
[3]	*Duress Alarm starts Listen-in Mode*	☐ Disabled	△ **Enabled**
[4]	*Panic Police starts Listen-in Mode*	☐ Disabled	△ **Enabled**
[5]	*Panic Medical starts Listen-in Mode*	☐ Disabled	△ **Enabled**
[6]	*Panic Fire starts Listen-in Mode*	☐ Disabled	△ **Enabled**
[7]	*Zone Tamper starts Listen-in Mode*	△ **Disabled**	☐ Enabled
[8]	*Zone Supervision starts Listen-in Mode*	△ **Disabled**	☐ Enabled

Section [008]	**Connection Options 2**		
Options		**OFF**	**ON**
[1]	*Zone Fire Loop Trouble starts Listen-In Mode*	△ **Disabled**	☐ Enabled
[2]	*Module Tamper starts Listen-in Mode*	△ **Disabled**	☐ Enabled
[3]	*Door Force Alarm starts Listen-In Mode*	△ **Disabled**	☐ Enabled
[4]	*Bus Fault starts Listen-in Mode*	△ **Disabled**	☐ Enabled
[5]	*Police Code starts Listen-In Mode*	△ **Disabled**	☐ Enabled
[6] - [8]	*Future use*	☐ N/A	☐ N/A

Section [009]	**Substation 1 Page Options**		
Options		**OFF**	**ON**
[1]	*Future Use*	☐ N/A	☐ N/A
[2]	*Substation 1 can page Substation 2*	☐ Disabled	△ **Enabled**
[3]	*Substation 1 can page Substation 3*	☐ Disabled	△ **Enabled**
[4]	*Substation 1 can page Substation 4*	☐ Disabled	△ **Enabled**
[5] - [8]	*Future Use*	☐ N/A	☐ N/A

Section [010]	**Substation 2 Page Options**		
Options		**OFF**	**ON**
[1]	*Substation 2 can page Substation 1*	☐ Disabled	△ **Enabled**
[2]	*Future Use*	☐ N/A	☐ N/A
[3]	*Substation 2 can page Substation 3*	☐ Disabled	△ **Enabled**
[4]	*Substation 2 can page Substation 4*	☐ Disabled	△ **Enabled**
[5] - [8]	*Future Use*	☐ N/A	☐ N/A

Section [011]	Substation 3 Page Options			OFF	ON
Options				OFF	ON
[1]	*Substation 3 can page Substation 1*			☐ Disabled	△ **Enabled**
[2]	*Substation 3 can page Substation 2*			☐ Disabled	△ **Enabled**
[3]	*Future Use*			☐ N/A	☐ N/A
[4]	*Substation 3 can page Substation 4*			☐ Disabled	△ **Enabled**
[5] - [8]	*Future Use*			☐ N/A	☐ N/A

Section [012]	Substation 4 Page Options			OFF	ON
Options				OFF	ON
[1]	*Substation 4 can page Substation 1*			☐ Disabled	△ **Enabled**
[2]	*Substation 4 can page Substation 2*			☐ Disabled	△ **Enabled**
[3]	*Substation 4 can page Substation 3*			☐ Disabled	△ **Enabled**
[4] - [8]	*Future Use*			☐ N/A	☐ N/A

Section [013]	Substation Panic Button Options			OFF	ON
Options				OFF	ON

Substation 1 Panic Button Options

	[1]	[2]
Disabled (default)	OFF	OFF
Police panic	ON	OFF
Medical panic	OFF	ON
Fire panic	ON	ON

[1] & [2] ☐ see table ☐ see table

Substation 2 Panic Button Options

	[3]	[4]
Disabled (default)	OFF	OFF
Police panic	ON	OFF
Medical panic	OFF	ON
Fire panic	ON	OFF

[3] & [4] ☐ see table ☐ see table

Substation 3 Panic Button Options

	[5]	[6]
Disabled (default)	**OFF**	**OFF**
Police panic	ON	OFF
Medical panic	OFF	ON
Fire panic	ON	ON

[5] & [6] ☐ see table ☐ see table

Substation 4 Panic Button Options

	[7]	[8]
Disabled (default)	**OFF**	**OFF**
Police panic	ON	OFF
Medical panic	OFF	ON
Fire panic	ON	ON

[7] & [8] ☐ see table ☐ see table

Section [014]	Substation Panic Audible Feedback			OFF	ON
Options				OFF	ON
[1]	*Substation 1 Panic audible feedback*			△ **Disabled**	☐ Enabled
[2]	*Substation 2 Panic audible feedback*			△ **Disabled**	☐ Enabled
[3]	*Substation 3 Panic audible feedback*			△ **Disabled**	☐ Enabled
[4]	*Substation 4 Panic audible feedback*			△ **Disabled**	☐ Enabled
[5] - [8]	*Future Use*			☐ N/A	☐ N/A

Section [015]	Audio Message Options 1			OFF	ON
Options				OFF	ON
[1]	*Audio Message on Exit Delay*			☐ Disabled	△ **Enabled**
[2]	*Audio Message on Arming*			☐ Disabled	△ **Enabled**
[3]	*Audio Message on Disarming*			☐ Disabled	△ **Enabled**

Section [015] Audio Message Options 1

[4]	*Audio Message on Entry Delay*	☐ Disabled	△ **Enabled**
[5]	*Welcome Audio Message*	△ **Disabled**	☐ Enabled
[6]	*Goodbye Audio Message*	△ **Disabled**	☐ Enabled
[7]	*Audio Message on System Trouble*	△ **Disabled**	☐ Enabled
[8]	*Installer In/Out Audio Message*	△ **Disabled**	☐ Enabled

Section [016] Audio Message Options 2

Option		OFF	ON
[1]	*Music ON/OFF audio message*	△ **Disabled**	☐ Enabled
[2]	*Personal recording ON/OFF audio message*	△ **Disabled**	☐ Enabled
[3]	*Play "Armed" messages on Stay/Instant arming*	△ **Disabled**	☐ Enabled
[4]	*Listen-In On/Off audio message*	△ **Disabled**	☐ Enabled
[5]	*Future Use*	☐ N/A	☐ N/A
[6]	*New alarm message (alarm in same partition)*	☐ Beep	△ **Voice**
[7]	*New alarm report message (alarm in other partition)*	☐ Beep	△ **Voice**
[8]	*To begin, enter account code message*	☐ Beep	△ **Voice**

Section [017] Personalized Partition Audio Labels

Option		OFF	ON
[1]	*Partition 1's audio label*	△ **Default**	☐ Personal
[2]	*Partition 2's audio label*	△ **Default**	☐ Personal
[3]	*Partition 3's audio label*	△ **Default**	☐ Personal
[4]	*Partition 4's audio label*	△ **Default**	☐ Personal
[5]	*Partition 5's audio label*	△ **Default**	☐ Personal
[6]	*Partition 6's audio label*	△ **Default**	☐ Personal
[7]	*Partition 7's audio label*	△ **Default**	☐ Personal
[8]	*Partition 8's audio label*	△ **Default**	☐ Personal

Section [018] Personalized User Audio Labels

Option		OFF	ON
[1]	*Master's audio label*	△ **Default**	☐ Personal
[2]	*User 2's audio label*	△ **Default**	☐ Personal
[3]	*User 3's audio label*	△ **Default**	☐ Personal
[4]	*User 4's audio label*	△ **Default**	☐ Personal
[5]	*User 5's audio label*	△ **Default**	☐ Personal
[6]	*User 6's audio label*	△ **Default**	☐ Personal
[7]	*User 7's audio label*	△ **Default**	☐ Personal
[8]	*User 8's audio label*	△ **Default**	☐ Personal

Section [019] Personalized Audio Labels

Option		OFF	ON
[1]	*System's Audio Label*	△ **Default**	☐ Personal
[2]	*Alarm message*	△ **Default**	☐ Personal
[3]	*Fire alarm message*	△ **Default**	☐ Personal
[4] - [8]	*Future Use*	☐ N/A	☐ N/A

Section [020] Substation 1 Partition Status

Option		OFF	ON
[1]	*Plays status of Partition 1*	☐ Disabled	△ **Enabled**
[2]	*Plays status of Partition 2*	☐ Disabled	△ **Enabled**
[3]	*Plays status of Partition 3*	☐ Disabled	△ **Enabled**
[4]	*Plays status of Partition 4*	☐ Disabled	△ **Enabled**
[5]	*Plays status of Partition 5*	☐ Disabled	△ **Enabled**
[6]	*Plays status of Partition 6*	☐ Disabled	△ **Enabled**
[7]	*Plays status of Partition 7*	☐ Disabled	△ **Enabled**
[8]	*Plays status of Partition 8*	☐ Disabled	△ **Enabled**

Section [021]	Substation 2 Partition Status		
Option		**OFF**	**ON**
[1]	*Plays status of Partition 1*	☐ Disabled	△ **Enabled**
[2]	*Plays status of Partition 2*	☐ Disabled	△ **Enabled**
[3]	*Plays status of Partition 3*	☐ Disabled	△ **Enabled**
[4]	*Plays status of Partition 4*	☐ Disabled	△ **Enabled**
[5]	*Plays status of Partition 5*	☐ Disabled	△ **Enabled**
[6]	*Plays status of Partition 6*	☐ Disabled	△ **Enabled**
[7]	*Plays status of Partition 7*	☐ Disabled	△ **Enabled**
[8]	*Plays status of Partition 8*	☐ Disabled	△ **Enabled**

Section [022]	Substation 3 Partition Status		
Option		**OFF**	**ON**
[1]	*Plays status of Partition 1*	☐ Disabled	△ **Enabled**
[2]	*Plays status of Partition 2*	☐ Disabled	△ **Enabled**
[3]	*Plays status of Partition 3*	☐ Disabled	△ **Enabled**
[4]	*Plays status of Partition 4*	☐ Disabled	△ **Enabled**
[5]	*Plays status of Partition 5*	☐ Disabled	△ **Enabled**
[6]	*Plays status of Partition 6*	☐ Disabled	△ **Enabled**
[7]	*Plays status of Partition 7*	☐ Disabled	△ **Enabled**
[8]	*Plays status of Partition 8*	☐ Disabled	△ **Enabled**

Section [023]	Substation 4 Partition Status		
Option		**OFF**	**ON**
[1]	*Plays status of Partition 1*	☐ Disabled	△ **Enabled**
[2]	*Plays status of Partition 2*	☐ Disabled	△ **Enabled**
[3]	*Plays status of Partition 3*	☐ Disabled	△ **Enabled**
[4]	*Plays status of Partition 4*	☐ Disabled	△ **Enabled**
[5]	*Plays status of Partition 5*	☐ Disabled	△ **Enabled**
[6]	*Plays status of Partition 6*	☐ Disabled	△ **Enabled**
[7]	*Plays status of Partition 7*	☐ Disabled	△ **Enabled**
[8]	*Plays status of Partition 8*	☐ Disabled	△ **Enabled**

Sections	Data	Description	Default
[024]	__/__/__ (005 to 255, 000 = All users, 001 = Master/User 1)	User Connection Access	*001*
[025]	__/__/__ (001 to 032 X 1 ring, 000 = disabled)	Ring Counter	*006*
[026]	__/__/__ (000 to 255 X 1 second, 000 = instant)	Answering Machine Override Delay	*030*
[027]	__/__/__ (000 to 255 X 1 second, 000 = instant)	TLM Fail Timer	*030*
[028]	__/__/__ (001 to 030 X 1 minute)	Call Back Connection Delay	*005*
[029]	__/__/__ Future Use	N/A	*N/A*
[030]	__/__/__ (005 to 255 X 1 second)	Connection Message Repeat Delay	*030*
[031]	__/__/__ (005 to 255 X 1 second)	Alarm Message Repeat Delay	*020*
[032]	__/__/__ (005 to 255 X 1 second)	Fire Alarm Message Repeat Delay	*020*
[033]	__/__/__ (010 to 060 X 1 second)	Response Connection Code Entry Delay	020
[034]	__/__/__ (020 to 060 X 1 second)	Call Back Connection Code Entry Delay	020
[035]	__/__/__ (005 to 115 X 1 second)	Pre-Alarm Audio Recording*	015
[036]	__/__/__ (005 to 115 X 1 second)	Post-Alarm Audio Recording*	015
[037]	__/__/__/__/__/__	Call Back Connection Access Code	000000

Section [038]	**Substation 1 Mute Schedule**		

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

Section [039]	**Substation 2 Mute Schedule**		

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

Section [040]	**Substation 3 Mute Schedule**		

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

Section [041]	**Substation 4 Mute 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

Using the Memory Key

[100]	Download programming from the Memory Key to the Listen-In Module.
[110]	Copy programming from the Listen-In Module to the Memory Key

Download Contents of the Memory Key to the Listen-In Module
1) Insert the Memory Key onto the Listen-In module's connector labelled "KEY".
2) To download the contents of the Memory Key, enter the Listen-In Module'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.
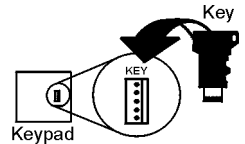
Copy Contents of the Listen-In Module to the Memory Key
1) Insert Memory Key onto the Listen-In module's connector labelled "KEY". Ensure that the 'write protect' jumper is on (refer to *Memory Key* below).
2) To copy the contents to the Memory Key, enter the Listen-In module's programming mode and enter section **[110]**.
3) Once the Listen-In module 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

Jumper **ON**: Can copy and download contents.

Jumper **OFF**: Cannot override the contents of the memory key.
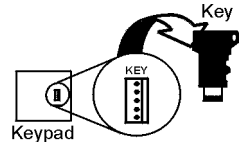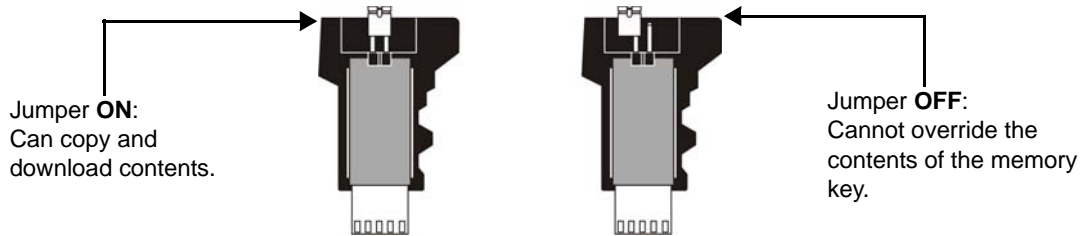
Combus Voltmeter

To verify if the combus is supplying sufficient power, enter the Listen-in module programming mode and enter section **[050]**. A reading of 12V or lower indicates that the voltage is too low. The voltage may drop during the control panel or external power supply battery test. Press **[ENTER]** to refresh the display.

DGP-ACM12

4-Wire Access Control Module

△ = 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 (EVO 192 only)*	☐ Disabled	△ **Enabled**
[6]	*Partition 6 (EVO 192 only)*	☐ Disabled	△ **Enabled**
[7]	*Partition 7 (EVO 192 only)*	☐ Disabled	△ **Enabled**
[8]	*Partition 8 (EVO 192 only)*	☐ Disabled	△ **Enabled**

Section [002]	General Options 1		
Option		**OFF**	**ON**
[1]	*Tamper Input*	△ **Disabled**	☐ Enabled
[2]	*Battery Charging Current*	△ **350mA**	☐ 800mA
[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 and Audible**

△ = Default setting

Section [004]	PGM Options	OFF	ON
Options			
[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] & [5]	*Special*		

	[4]	[5]		
☐ *Card Only*	OFF	OFF		
☐ *PIN Only*	ON	OFF	☐ see table	☐ see table
☐ *Card and PIN*	OFF	ON	☐ see table	☐ see table
△ **Card or PIN**	ON	ON		

		OFF	ON
[6]	*Reader Locate Feedback*	△ **Visual**	☐ Visual & audible
[7]	*Unlock Door on Fire Alarm*	△ **Disabled**	☐ Enabled
[8]	*AC and Battery Supervision*	△ **Enabled**	☐ Disabled

Section	Data	Description	Default
[005]	__/__/__ (000 to 255 x 1 minute; 000 = Instant)	AC failure report delay	*030*
[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

Sections	PGM Activation Event
[014]	__/__/__ Event Group
[015]	__/__/__ Feature Group
[016]	__/__/__ Start #
[017]	__/__/__ End #

Sections	PGM Deactivation Event
[018]	__/__/__ Event Group
[019]	__/__/__ Feature Group
[020]	__/__/__ Start #
[021]	__/__/__ End #

⚠️ *Only Event Groups 000 to 055, 062 and 063 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]	*Unlock Door in Safe Mode*	△ **Disabled**	☐ Enabled
[5]	*Access Cards in Safe Mode*	△ **Safe Cards only**	☐ Any Cards
[6] 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*
[024]	__/__/__ (001 to 255 seconds; 000 = Follow REX)	REX Unlocked Period	*000*
[025]	__/__/__ (000 to 003)	Red LED Brightness	*002*
[026]	__/__/__ (000 to 003)	Green LED Brightness	*002*
[027]	__/__/__ (000 to 003)	Buzzer Frequency	*001*
[028]	__/__/__ (000 to 255 minutes; 000 = instant)	AC Restore Report Delay	*005*
[029]	__/__/__ (000 to 255 minutes)	Stay Lock Delay	*000*
[030]	**Test PGM:** Activates the PGM for 8 seconds to verify if the PGM is functioning properly.		

Section [031]	Safe Mode Options		
Option		**OFF**	**ON**
[1]	Flexible PGM Deactivation Option	☐ Disabled	△ **Enabled**
[2]	Reload Timer on Activation Event	☐ Disabled	△ **Enabled**
[3] to [8]	*Future Use*	N/A	N/A

Section	
[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

⚠️ *The DGP-ACM12 has a build-in supervised 1.5A switching power supply and needs to be connected to a transformer.*

APR3-PGM4 V2.0

4-PGM Expansion Module

△ = Default setting

Section[001]	General Options	OFF	ON
Option			
[1]	*Future Use*	☐ N/A	☐ N/A
[2]	*Pulse Output for Fire Alarms*	△ **Disabled**	☐ Enabled
[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 [002]	PGM Options	OFF	ON
Option			
[1]	*PGM1 Deactivation After*	△ **Deactivation Event**	☐ PGM Timer
[2]	*PGM1 Base Time*	△ **1 second**	☐ 1 minute
[3]	*PGM2 Deactivation After*	△ **Deactivation Event**	☐ PGM Timer
[4]	*PGM2 Base Time*	△ **1 second**	☐ 1 minute
[5]	*PGM3 Deactivation After*	△ **Deactivation Event**	☐ PGM Timer
[6]	*PGM3 Base Time*	△ **1 second**	☐ 1 minute
[7]	*PGM4 Deactivation After*	△ **Deactivation Event**	☐ PGM Timer
[8]	*PGM4 Base Time*	△ **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 52 for the PGM Table. All the Event Groups can be used to program the module's PGM(s).*

APR3-ADM2 V2.0

Voice Assisted Arm/Disarm Module

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]**)	PGM timer	*005*
	(000 = follows manual activation/deactivation of PGM by first pressing **[#]** and then **[0]**)		

△ = 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 (EVO192 only)*	☐ Disabled	△ **Enabled**
[6]	*Partition 6 (EVO192 only)*	☐ Disabled	△ **Enabled**
[7]	*Partition 7 (EVO192 only)*	☐ Disabled	△ **Enabled**
[8]	*Partition 8 (EVO192 only)*	☐ Disabled	△ **Enabled**

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Integration Module

△ = Default setting

Section [001]	Partition Assignment	OFF	ON
Option			
[1]	*Partition 1*	☐ Disabled	△ **Enabled**
[2]	*Partition 2*	△ **Disabled**	☐ Enabled
[3]	*Partition 3*	△ **Disabled**	☐ Enabled
[4]	*Partition 4*	△ **Disabled**	☐ Enabled
[5]	*Partition 5 (EVO192 only)*	△ **Disabled**	☐ Enabled
[6]	*Partition 6 (EVO192 only)*	△ **Disabled**	☐ Enabled
[7]	*Partition 7 (EVO192 only)*	△ **Disabled**	☐ Enabled
[8]	*Partition 8 (EVO192 only)*	△ **Disabled**	☐ Enabled

Section [002]	Automatic Printing of Zone Status (1 to 8)	OFF	ON
Option			
[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)	OFF	ON
Option			
[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)	OFF	ON
Option			
[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]	*Print Status of Zone 41*	△ **Disabled**	☐ Enabled
[2]	*Print Status of Zone 42*	△ **Disabled**	☐ Enabled
[3]	*Print Status of Zone 43*	△ **Disabled**	☐ Enabled
[4]	*Print Status of Zone 44*	△ **Disabled**	☐ Enabled
[5]	*Print Status of Zone 45*	△ **Disabled**	☐ Enabled
[6]	*Print Status of Zone 46*	△ **Disabled**	☐ Enabled
[7]	*Print Status of Zone 47*	△ **Disabled**	☐ Enabled
[8]	*Print Status of Zone 48*	△ **Disabled**	☐ Enabled

Section [008]	Automatic Printing of Zone Status (49 to 56)		
Option		**OFF**	**ON**
[1]	*Print Status of Zone 49 (EVO192 only)*	△ **Disabled**	☐ Enabled
[2]	*Print Status of Zone 50 (EVO192 only)*	△ **Disabled**	☐ Enabled
[3]	*Print Status of Zone 51 (EVO192 only)*	△ **Disabled**	☐ Enabled
[4]	*Print Status of Zone 52 (EVO192 only)*	△ **Disabled**	☐ Enabled
[5]	*Print Status of Zone 53 (EVO192 only)*	△ **Disabled**	☐ Enabled
[6]	*Print Status of Zone 54 (EVO192 only)*	△ **Disabled**	☐ Enabled
[7]	*Print Status of Zone 55 (EVO192 only)*	△ **Disabled**	☐ Enabled
[8]	*Print Status of Zone 56 (EVO192 only)*	△ **Disabled**	☐ Enabled

Section [009]	Automatic Printing of Zone Status (57 to 64)		
Option		**OFF**	**ON**
[1]	*Print Status of Zone 57 (EVO192 only)*	△ **Disabled**	☐ Enabled
[2]	*Print Status of Zone 58 (EVO192 only)*	△ **Disabled**	☐ Enabled
[3]	*Print Status of Zone 59 (EVO192 only)*	△ **Disabled**	☐ Enabled
[4]	*Print Status of Zone 60 (EVO192 only)*	△ **Disabled**	☐ Enabled
[5]	*Print Status of Zone 61 (EVO192 only)*	△ **Disabled**	☐ Enabled
[6]	*Print Status of Zone 62 (EVO192 only)*	△ **Disabled**	☐ Enabled
[7]	*Print Status of Zone 63 (EVO192 only)*	△ **Disabled**	☐ Enabled
[8]	*Print Status of Zone 64 (EVO192 only)*	△ **Disabled**	☐ Enabled

Section [010]	Automatic Printing of Zone Status (65 to 72)		
Option		**OFF**	**ON**
[1]	*Print Status of Zone 65 (EVO192 only)*	△ Disabled	☐ Enabled
[2]	*Print Status of Zone 66 (EVO192 only)*	△ Disabled	☐ Enabled
[3]	*Print Status of Zone 67 (EVO192 only)*	△ Disabled	☐ Enabled
[4]	*Print Status of Zone 68 (EVO192 only)*	△ Disabled	☐ Enabled
[5]	*Print Status of Zone 69 (EVO192 only)*	△ Disabled	☐ Enabled
[6]	*Print Status of Zone 70 (EVO192 only)*	△ Disabled	☐ Enabled
[7]	*Print Status of Zone 71 (EVO192 only)*	△ Disabled	☐ Enabled
[8]	*Print Status of Zone 72 (EVO192 only)*	△ Disabled	☐ Enabled

Section [011]	Automatic Printing of Zone Status (73 to 80)		
Option		**OFF**	**ON**
[1]	*Print Status of Zone 73 (EVO192 only)*	△ Disabled	☐ Enabled
[2]	*Print Status of Zone 74 (EVO192 only)*	△ Disabled	☐ Enabled
[3]	*Print Status of Zone 75 (EVO192 only)*	△ Disabled	☐ Enabled
[4]	*Print Status of Zone 76 (EVO192 only)*	△ Disabled	☐ Enabled
[5]	*Print Status of Zone 77 (EVO192 only)*	△ Disabled	☐ Enabled
[6]	*Print Status of Zone 78 (EVO192 only)*	△ Disabled	☐ Enabled
[7]	*Print Status of Zone 79 (EVO192 only)*	△ Disabled	☐ Enabled
[8]	*Print Status of Zone 80 (EVO192 only)*	△ Disabled	☐ Enabled

Section [012]	Automatic Printing of Zone Status (81 to 88)		
Option		**OFF**	**ON**
[1]	*Print Status of Zone 81 (EVO192 only)*	△ Disabled	☐ Enabled
[2]	*Print Status of Zone 82 (EVO192 only)*	△ Disabled	☐ Enabled
[3]	*Print Status of Zone 83 (EVO192 only)*	△ Disabled	☐ Enabled
[4]	*Print Status of Zone 84 (EVO192 only)*	△ Disabled	☐ Enabled
[5]	*Print Status of Zone 85 (EVO192 only)*	△ Disabled	☐ Enabled
[6]	*Print Status of Zone 86 (EVO192 only)*	△ Disabled	☐ Enabled
[7]	*Print Status of Zone 87 (EVO192 only)*	△ Disabled	☐ Enabled
[8]	*Print Status of Zone 88 (EVO192 only)*	△ Disabled	☐ Enabled

Section [013]	Automatic Printing of Zone Status (89 to 96)		
Option		**OFF**	**ON**
[1]	*Print Status of Zone 89 (EVO192 only)*	△ Disabled	☐ Enabled
[2]	*Print Status of Zone 90 (EVO192 only)*	△ Disabled	☐ Enabled
[3]	*Print Status of Zone 91 (EVO 192 only)*	△ Disabled	☐ Enabled
[4]	*Print Status of Zone 92 (EVO 192 only)*	△ Disabled	☐ Enabled
[5]	*Print Status of Zone 93 (EVO192 only)*	△ Disabled	☐ Enabled
[6]	*Print Status of Zone 94 (EVO192 only)*	△ Disabled	☐ Enabled
[7]	*Print Status of Zone 95 (EVO192 only)*	△ Disabled	☐ Enabled
[8]	*Print Status of Zone 96 (EVO192 only)*	△ Disabled	☐ Enabled

Section [014]	Automatic Printing of Event Groups		
Option		**OFF**	**ON**
[1]	*Print Miscellaneous Events*	△ Disabled	☐ Enabled
[2]	*Print Arming/Disarming Events*	△ Disabled	☐ Enabled
[3]	*Print Alarm/Alarm Restore Events*	△ Disabled	☐ Enabled
[4]	*Print Tamper/Tamper Restore Events*	△ Disabled	☐ Enabled
[5]	*Print Troubles/Troubles Restore Events*	△ Disabled	☐ Enabled
[6]	*Print Special Events*	△ Disabled	☐ Enabled
[7]	*Print Access Events*	△ Disabled	☐ Enabled
[8]	*Future Use*	☐ 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		**OFF**	**ON**
[1]	*Serial Port*	△ **Disabled**	☐ Enabled
[2] & [3]		☐ See Table	☐ See Table
		☐ See Table	☐ See Table

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*	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*

Sections	**PGM Activation Event**
[019]	__/__/__ Event Group
[020]	__/__/__ Feature Group
[021]	__/__/__ Start #
[022]	__/__/__ End #

Sections	**PGM Deactivation Event**
[023]	__/__/__ Event Group
[024]	__/__/__ Feature Group
[025]	__/__/__ Start #
[026]	__/__/__ End #

⚠️ *Refer to Appendix 1: Programming PGMs on page 52 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)**		(Feature Group Selection)	*000*
[029]	__/__/__ (000 to 255)**		(Event Start # Selection)	*000*
[030]	__/__/__ (000 to 255)**		(Event End # Selection)	*000*
[031]	__/__/__ (000 to 255)**	Arming/Disarming Events	(Event Group Selection)	*000*
[032]	__/__/__ (000 to 255)**		(Feature Group Selection)	*000*
[033]	__/__/__ (000 to 255)**		(Event Start # Selection)	*000*
[034]	__/__/__ (000 to 255)**		(Event End # Selection)	*000*
[035]	__/__/__ (000 to 255)**	Alarm/Alarm Restore Events	(Event Group Selection)	*000*
[036]	__/__/__ (000 to 255)**		(Feature Group Selection)	*000*
[037]	__/__/__ (000 to 255)**		(Event Start # Selection)	*000*
[038]	__/__/__ (000 to 255)**		(Event End # Selection)	*000*
[039]	__/__/__ (000 to 255)**	Tamper/Tamper Restore Events	(Event Group Selection)	*000*
[040]	__/__/__ (000 to 255)**		(Feature Group Selection)	*000*
[041]	__/__/__ (000 to 255)**		(Event Start # Selection)	*000*
[042]	__/__/__ (000 to 255)**		(Event End # Selection)	*000*
[043]	__/__/__ (000 to 255)**	Trouble/Trouble Restore Events	(Event Group Selection)	*000*
[044]	__/__/__ (000 to 255)**		(Feature Group Selection)	*000*
[045]	__/__/__ (000 to 255)**		(Event Start # Selection)	*000*
[046]	__/__/__ (000 to 255)**		(Event End # Selection)	*000*
[047]	__/__/__ (000 to 255)**	Special Events	(Event Group Selection)	*000*
[048]	__/__/__ (000 to 255)**		(Feature Group Selection)	*000*
[049]	__/__/__ (000 to 255)**		(Event Start # Selection)	*000*
[050]	__/__/__ (000 to 255)**		(Event End # Selection)	*000*
[051]	__/__/__ (000 to 255)**	Access Events	(Event Group Selection)	*000*
[052]	__/__/__ (000 to 255)**		(Feature Group Selection)	*000*
[053]	__/__/__ (000 to 255)**		(Event Start # Selection)	*000*
[054]	__/__/__ (000 to 255)**		(Event End # Selection)	*000*
[055]	__/__/__ (000 to 255)**	All Events	(Event Group Selection)	*000*
[056]	__/__/__ (000 to 255)**		(Feature Group Selection)	*000*
[057]	__/__/__ (000 to 255)**		(Event Start # Selection)	*000*
[058]	__/__/__ (000 to 255)**		(Event End # Selection)	*000*

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

DGP2-PS17 V1.0

Power Supply

△ Default Setting

Section [001]	General Options		
Option		OFF	ON
[1]	*PGM Tamper Recognition*	△ PGM Tamper Recognition	☐ Tamper report sent to the panel
[2]	*Battery Charging Curren*	△ Battery Charging Current	☐ Charging current at 850mA
[3]	*PGM Deactivation After*	△ Deactivation Event	☐ PGM Timer
[4]	*PGM Base Time*	△ 1 second	☐ 1 minute
[5] to [8]	*Future Use*	☐ N/A	☐ N/A

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

Sections	Data	Description	Default
[002]	__/__/__ (001 to 255 X 1 minute, 000 = instant	AC Failure Report Delay	*n/a*
[003]	__/__/__ (000 to 255; refer to option [4] in section [001]) Option [8] must be enabled before the PGM modes can be tested.	PGM Timer	*n/a*

Sections	PGM Activation Event
[004]	__/__/__ Event Group
[005]	__/__/__ Feature Group
[006]	__/__/__ Start #
[007]	__/__/__ End #

Sections	PGM Deactivation Event
[008]	__/__/__ Event Group
[009]	__/__/__ Feature Group
[010]	__/__/__ Start #
[011]	__/__/__ End #

⚠️ **Refer to Appendix 1: Programming PGMs on page 52 for the PGM Table. Only Event Groups 000 to 055 can be used to program the module's PGM.**
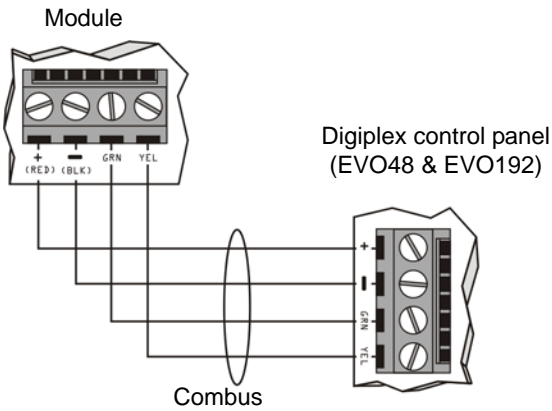
| Section	Description
[020]	Test PGM: Activates the PGM for 8 seconds to verify if the PGM is functioning properly.

Module Connection Drawings

Figure 1: Connecting the Combus

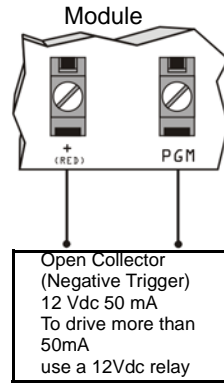Module

Digiplex control panel
(EVO48 & EVO192)

Combus

Figure 2: Connecting a 5A PGM Output

Some modules' PGM output(s) are comprised 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.

PGM 5A
Relay

External Power
Supply

Any device such as a garage
door, light or siren.
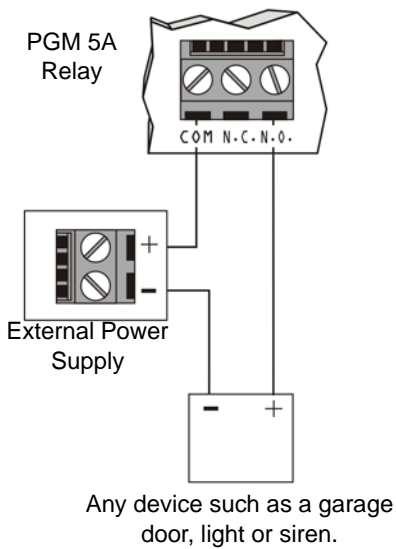
Figure 3: Connecting a 50mA PGM Output

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

Module

Open Collector
(Negative Trigger)
12 Vdc 50 mA
To drive more than
50mA
use a 12Vdc relay

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 (MG-RTX3 only):
Flashing: The printer module is transmitting data through the serial port.

Green **PULSE** LED (APR-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.

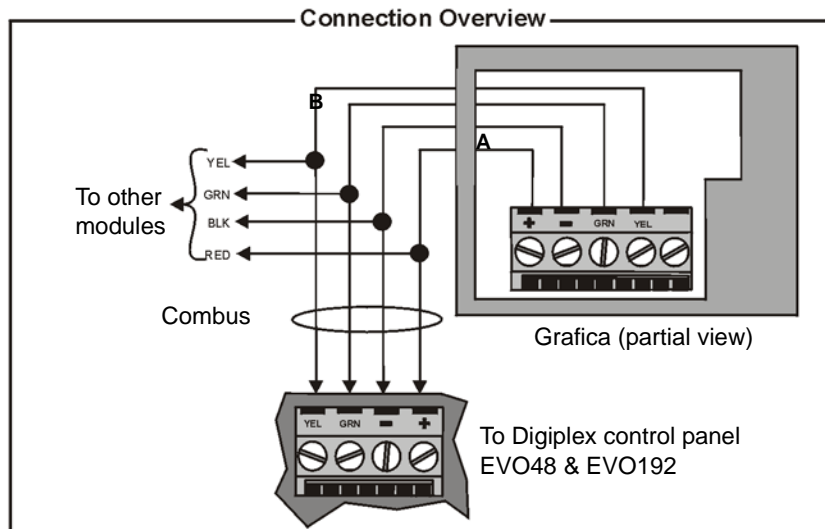⚠️ *Remove AC and battery power from the control panel before connecting the module to the combus.*

⚠️ *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)

Viewing Angle

+20°
0°
-10°

Please Note: The Grafica keypad is best viewed at an angle between 20° and -10°.

Keypad Cover Clearance

3.5" (9cm)

Please Note: Grafica's keypad cover requires a minimum clearance of 9cm (3.5in).

Mounting Grafica

Metal Wall Plate

A (also for electrical box)
A — A
B — B
A — C (for clip)
A (also for electrical box)

Mounting the Metal Wall Plate
1) Place the wall plate to desired position.
2) Drill and insert screws into holes labelled "A".

Grafica Back Plate

D — D
Clip

Mounting Grafica to the Wall Plate
1) Place Grafica's back plate flush against the mounted metal wall plate.
2) Slide Grafica's open slots labelled "D" onto the metal wall plate's tabs labelled "B".
3) Gently apply downward pressure to snap Grafica onto the metal wall plate.
4) If necessary, insert an optional screw in the space provided on the metal wall plate's left tab.

Metal wall plate

Optional screw inserted here

Connection Overview

B

A

YEL
GRN
BLK
RED

To other modules

Combus

Grafica (partial view)

+ − GRN YEL

YEL GRN − +

To Digiplex control panel EVO48 & EVO192

LCD Keypad Module (EVO641/EVO641R)

Memory Key Connector

Combus

To Digiplex control panel EVO48 or EVO192

1KΩ *
EOL

Door Contact

Please Note: The keypad's anti-tamper switch will communicate its status to the control panel via the combus.

WHT
RED   BLK
MR3 UL
COM   BRN   YEL
            N.C.   N.O.

* The keypad's zone follows the control panel's EOL definition. The zone speed is set at 600mS and cannot be programmed.
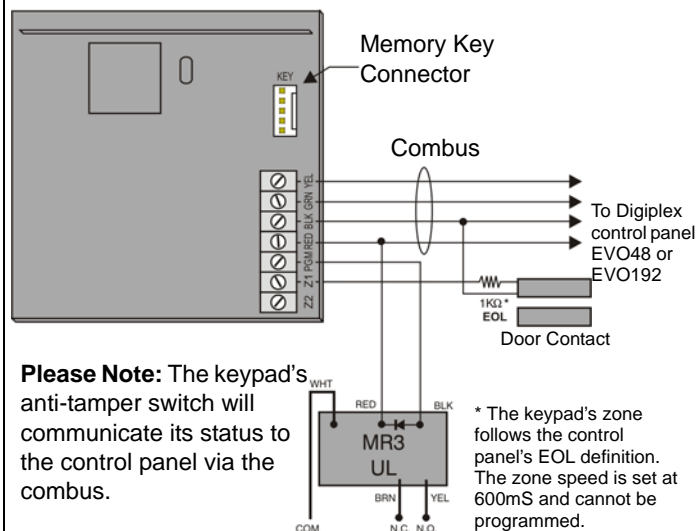
48-Zone LED Keypad Module (DGP2-648)

Combus

To Digiplex control panel EVO48 or EVO192

1KΩ *
EOL

Door Contact

Please Note: The keypad's anti-tamper switch will communicate its status to the control panel via the combus.

WHT
RED   BLK
MR3 UL
COM   BRN   YEL
            N.C.   N.O.

* The keypad's zone follows the control panel's EOL definition. The zone speed is set at 600mS and cannot be programmed.
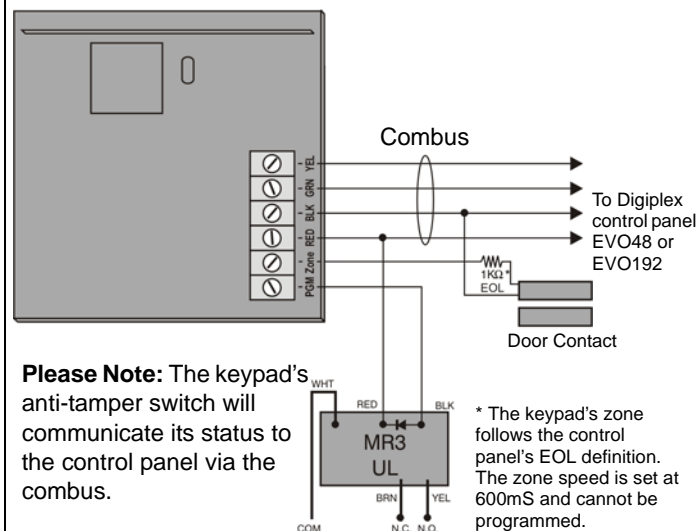
EVO641/EVO641R Access Control Connections

⚠ *If a door contact is not being used, install a jumper or a 1kΩ resistor across the BLK and z1 terminals depending on the control panel's EOL definition.*

If the REX (Request for Exit) device is not being used, place a jumper across the BLK and z2 terminals.

EVO641R

EVO641R

Fused external power supply (recommended)

Blk-   Red+

COM

+12Vdc   GND

MR3-UL

N.O.

Door Lock   IN4007 Diode

No EOL required for z2.

C NC − +

Paradoor (460) Request to Exit device. Must be connected to z2 terminal.

EVO641R

Door Contact Must be connected to z1 terminal.

1kΩ*

* *Follows control panel's EOL definition.*

Annunciator Module (DGP2-ANC1B)


Figure 1: Cut-out Spaces

Use a knife to cut away two holes approximately 75mm from the Annunciator's back plate. Cut a square in front of the guide clip (A) and at the top of the rim (B). Dotted lines indicate cutting lines.
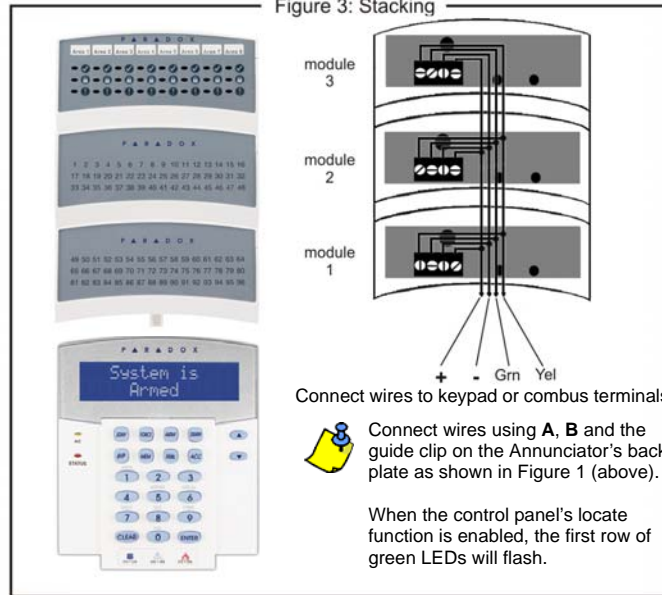
Remove **B** from any Annunciator that will have additional modules stacked on top of it as shown in Figure 3 (below). Uppermost Annunciators such as module 3 in Figure 3 or stand-alone modules do not require the removal of **B**.

Figure 2: Mounting
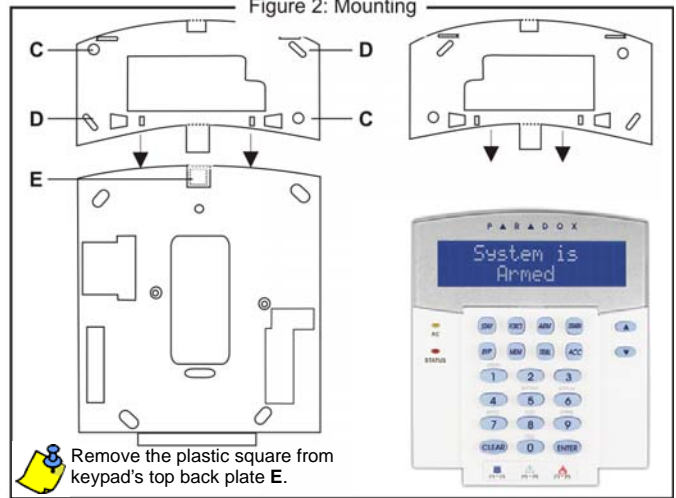
Remove the plastic square from keypad's top back plate **E**.
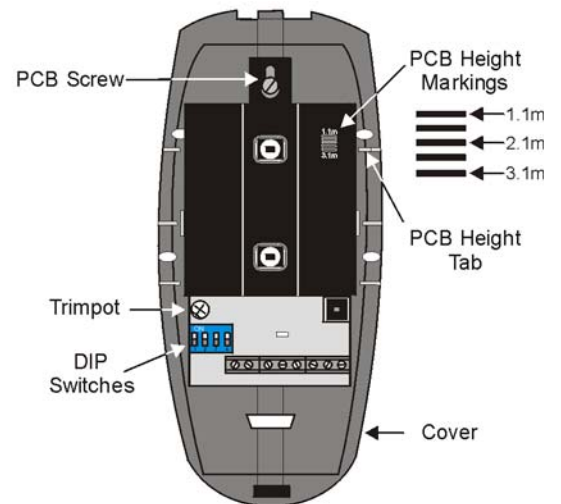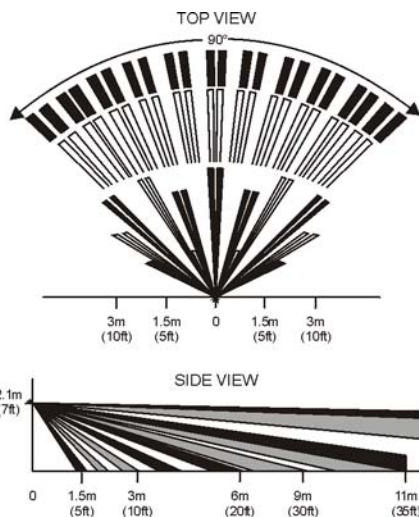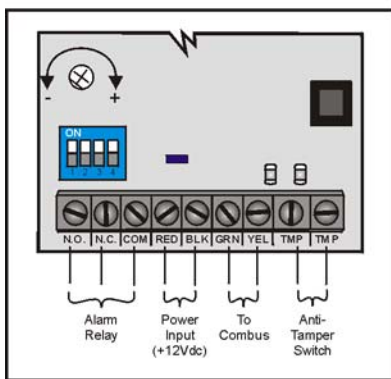

Figure 3: Stacking

Connect wires to keypad or combus terminals.

Connect wires using **A**, **B** and the guide clip on the Annunciator's back plate as shown in Figure 1 (above).

When the control panel's locate function is enabled, the first row of green LEDs will flash.

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.

Motion Detector Modules (DGP2-50/60/70)

Addressable Digital Motion Detectors (DGP2-50/60)

Addressable High-Security Motion Detectors (DGP2-70)

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

DGP2-50/60 — Top view — 110°

12.0m (40ft) 7.0m (23ft) 3.5m (11ft) 0 110° 3.5m (11ft) 7.0m (23ft) 12.0m (40ft)

1.2m (4ft) 1.2m (4ft)

Side view

2.1m (7ft)

1.7m (5.6ft) 4.0m (12ft) 8.0m (26ft) 12.0m (40ft)

DGP2-70 — Top view — 90°

3m (10ft) 1.5m (5ft) 0 1.5m (5ft) 3m (10ft)

Side view

2.1m (7ft)

0 1.5m (5ft) 3m (10ft) 6m (20ft) 9m (30ft) 11m (35ft)
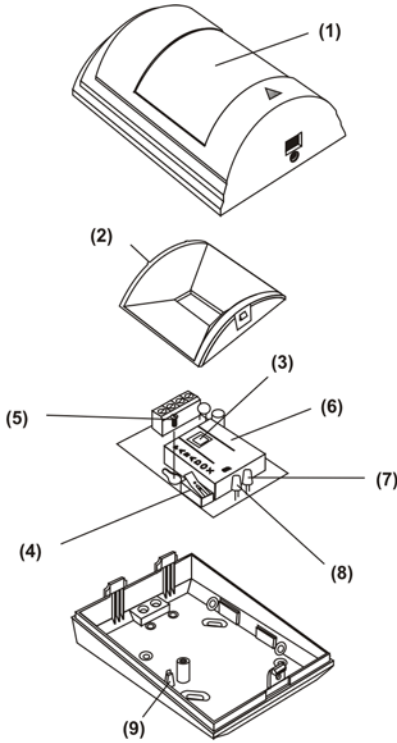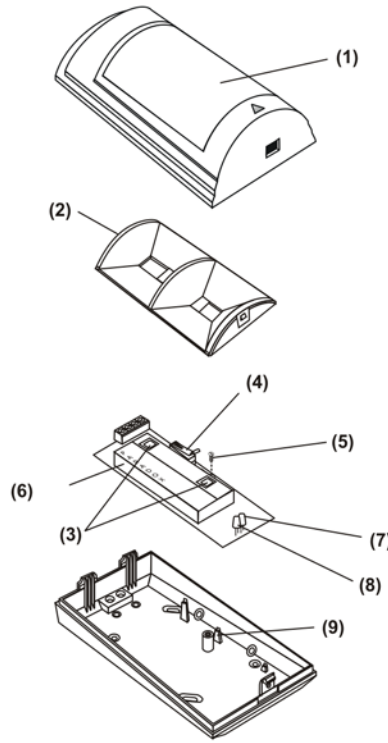
To Digiplex EVO control panel.

Combus

YEL GRN − +
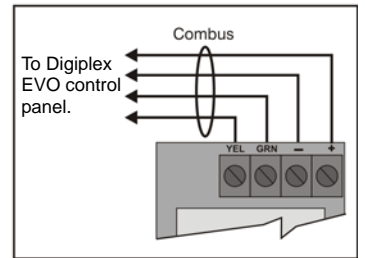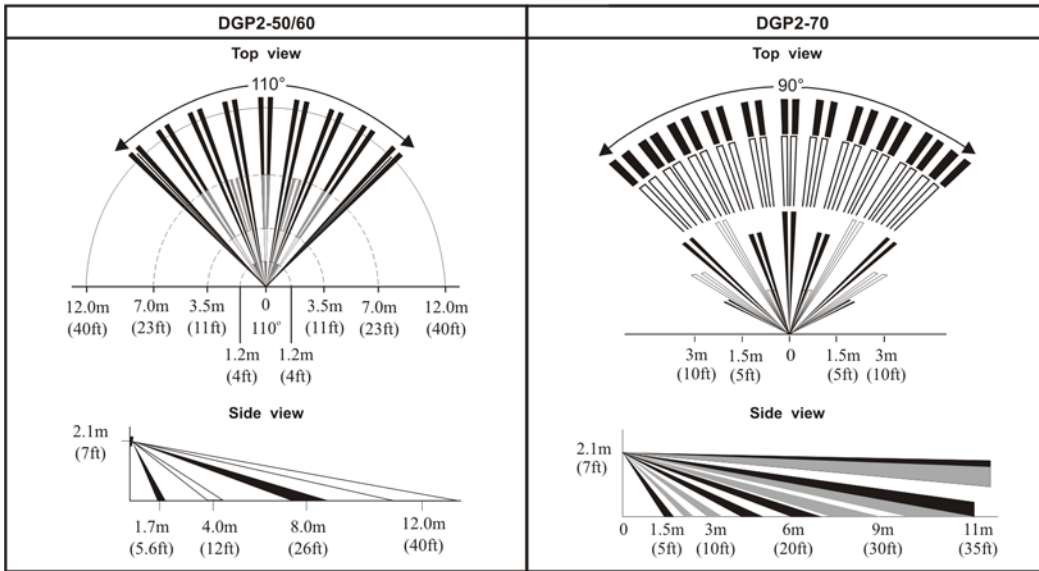
PCB Height Adjustment

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

1.1m →
2.1m →
3.1m →

DGP2-50/60

PCB HEIGHT TAB

COVER

DGP2-70

1.1m

3.1m

PCB HEIGHT TAB

COVER
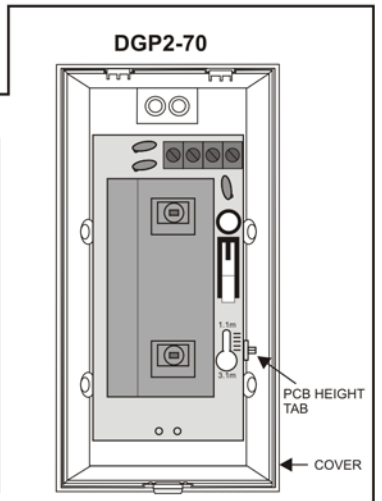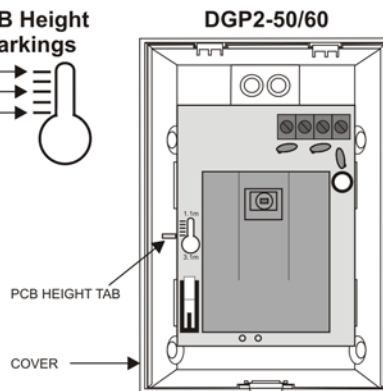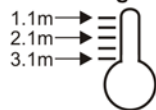
Magellan Wireless Expansion Module (MG-RTX3)

ERROR (Red): Indicates a problem with the module.

BUS RX (Green): Flashes when receiving information from the panel.

BUS TX (Red): Flashes when transmitting information to the panel.

RF RX(Green): Flashes when receiving wireless information.

RF TX(Yellow): Flashes when transmitting wireless information.

Connect to a 307USB and use WinLoad's In-Field Firmware Upgrade Application to upgrade the firmware

Anti-Tamper Switch

System Reset: Press and hold the Programming button for 5 seconds, the BUS RX LED will flash. Release the button and press it again while the LED flashes to reset the module to its default values. This is only possible in the first 30 seconds after the MG-RTX3 is powered up.
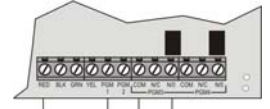
Use a relay if the current draw will exceed 150mA.;

Connect to an external Power Supply (PS-17 recommended)

Connect to any device such as a garage door, light or siren.

Refer to PGM Connection for connection information.

Refer to Module Connection Drawings on page 39 for information.

Digital Ceiling Mounted Motion Detector Module (DG467)

Anti-Tamper Switch

Power Input 12Vdc

Combus (J4 ON)

Alarm Relay

To close unit, align PCB arrow with cover arrow
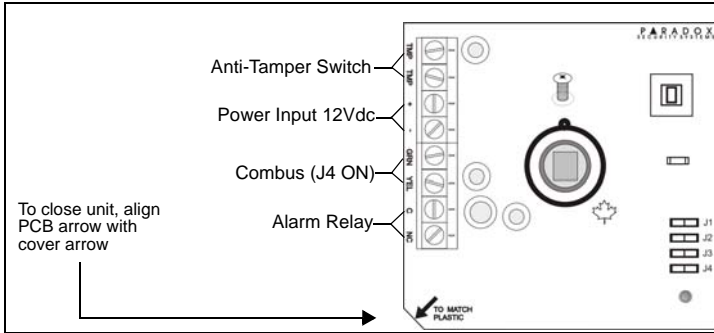
4-PGM Expansion Module (APR3-PGM4)
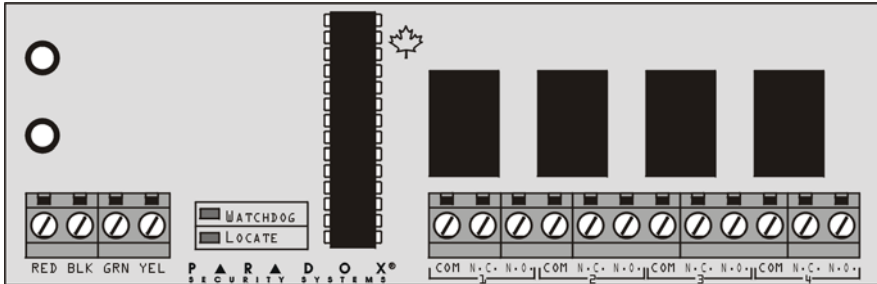
Refer to Module Connection drawings on page 39 for information.

8-Zone Expansion Module (APR-ZX8)

Input terminal Z8 can be used as an anti-tamper switch input Option **[1]**: Section **[001]**
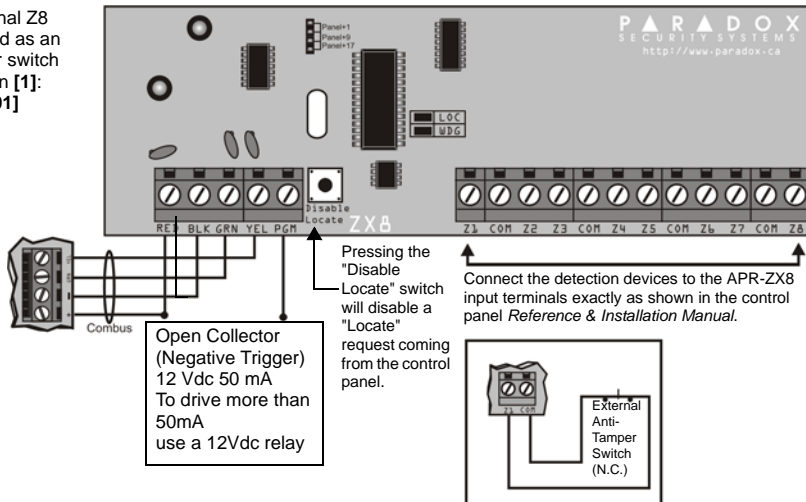
Pressing the "Disable Locate" switch will disable a "Locate" request coming from the control panel.

Open Collector (Negative Trigger) 12 Vdc 50 mA To drive more than 50mA use a 12Vdc relay

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

External Anti-Tamper Switch (N.C.)

Refer to Module Connection drawings on page 39 for information.

4-zone Expansion Module (APR3-ZX4)

For information on the 4-zone Hardwire Module's LEDs, refer to Module LED Indications on page 39.

A "Locate" request coming from the control panel can be disabled by pressing the "Disable Locate" switch.
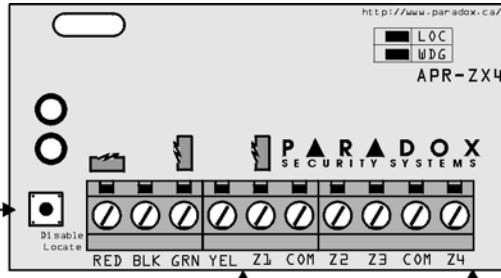
Connect the detection devices to the APR3-ZX4 input terminals exactly as shown in the control panel *Programming Guide*.

Refer to Module Connection Drawings on page 39 for information.

Connecting the Anti-Tamper Switch

Input terminal Z4 can be used as an anti-tamper switch input Option **[1]**: Section **[001]**.
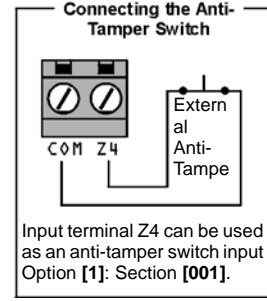
One-zone Expansion Module (DGP2-ZX1)

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.

Standard Detector

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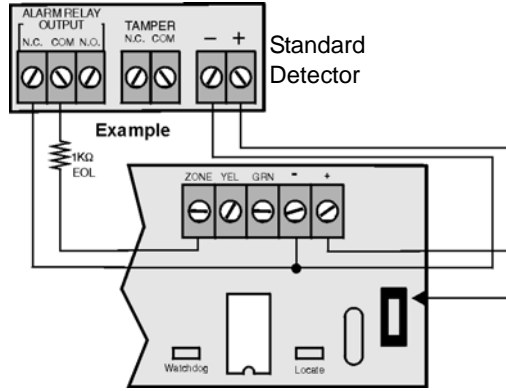
Anti-Tamper Switch
Pressing the anti-tamper switch can also be used to disengage "Locate".

Refer to Module Connection Drawings on page 39 for information.

Listen-in Modules (DGP-LSN4 & DGP-SUB1)

Listen-In Module DGP-LSN4

Reset Jumper

Firmware Upgrade

Memory Key

Partial View of Control Panel

Service keypad

Background Music Input

From external phone line

N.O Switch

CAT-5 cable (4 twisted pair) Max 152m (500ft) Use one pair of SP connections another for the MK connections, and two pairs for the AUX connections.

Listen-In Substation #1 DGP-SUB1

Buzzer

Anti-Tamper Switch

Volume Control Dial

If not using an external power supply for the DGP-LSN4, connect this to the RED BUS on the DGP-LSN4.

Siren

Ground Clamp

Cold Water Pipe

External Power Supply

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 39.

Ground clamp

Cold water pipe grounding

Household telephone

R1 T1

RJ31X

Digiplex Dialer
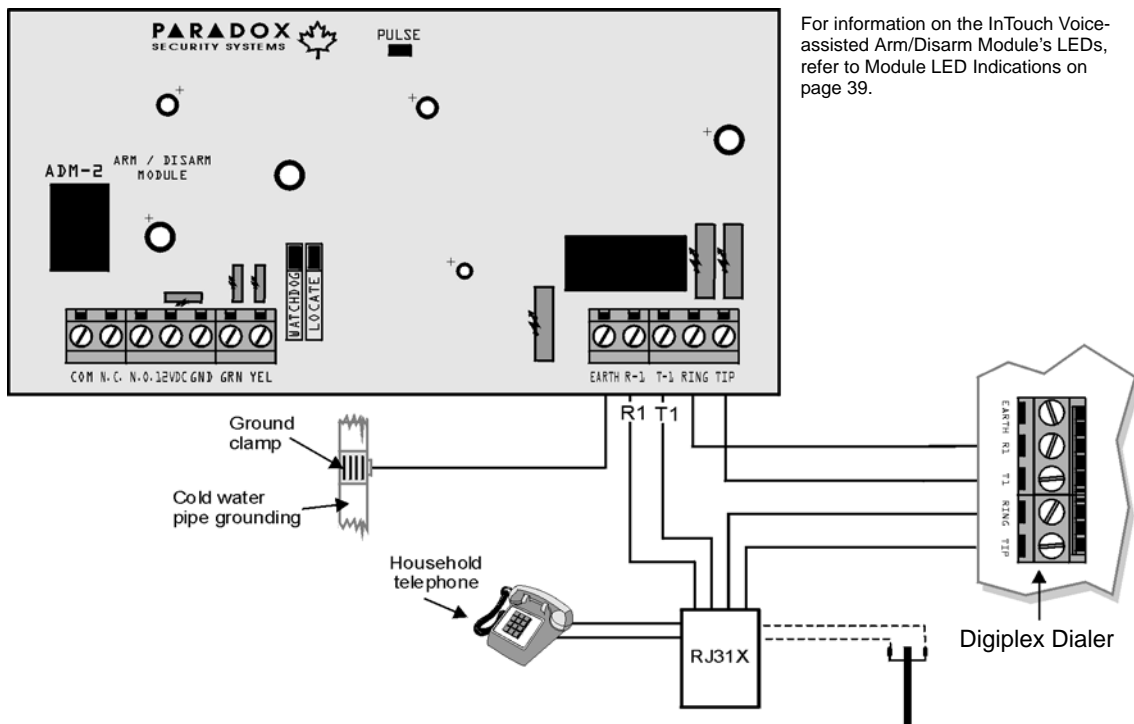
Refer to Module Connection drawings on page 39 for information.

Intergration module (APR-PRT3)

For information on the Printer
Module's LEDs, refer to Module LED
Indications on page 39.

Press the PRINT TEST
switch to perform a
print test

DB-9 Serial Port Pin-Out Diagram

- Pin 5 - GND
- Pin 4 - DTR (Data Terminal Ready/ Not Used)
- Pin 8 - CTS (Control Transmission/ Not Used)
- Pin 3 - TX
- Pin 2 - RX (Not Used in Event Reporting)
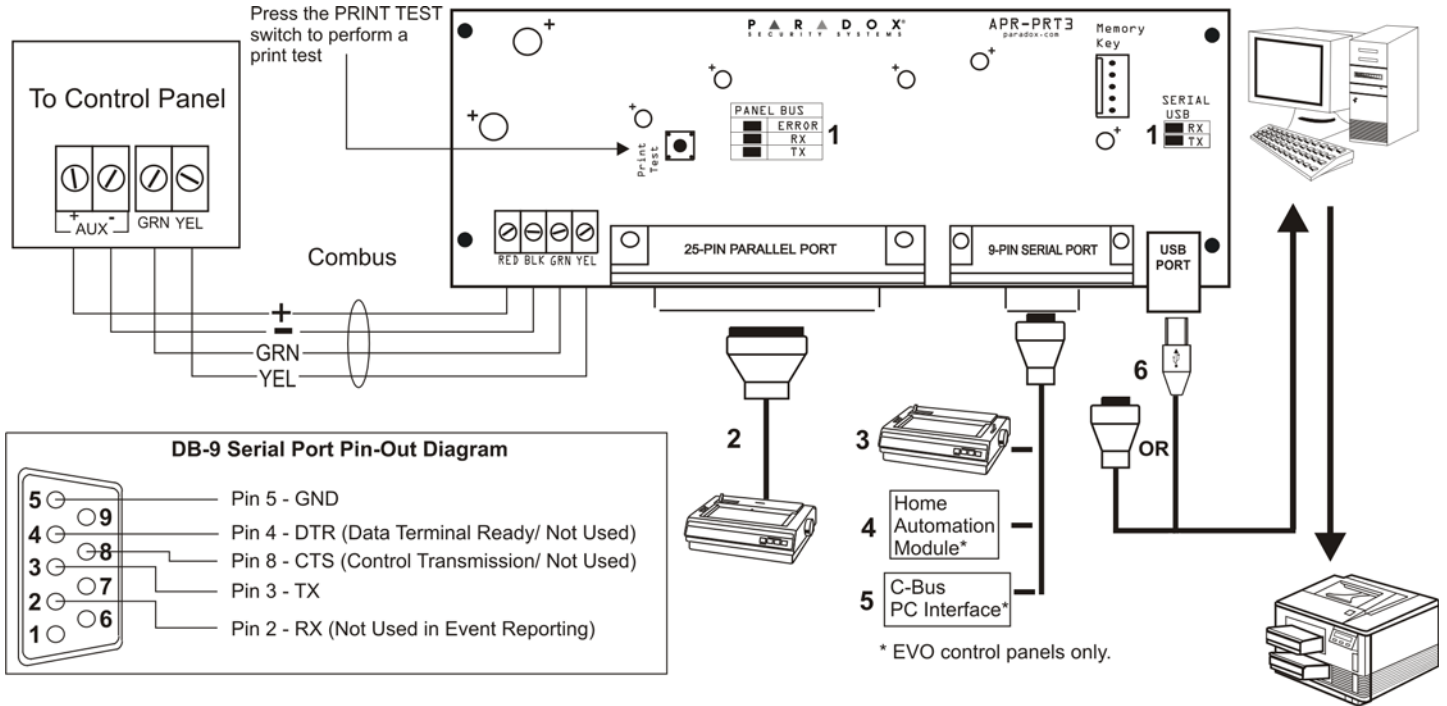
Refer to Module Connection Drawings on page 39 for
information.

1) LED feedback
2) 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.
3) 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.
4) 9-pin Serial Port: Connect the Printer Module's 9-pin serial port to a home automation module.
5) 9-pin Serial Port: Connect C-Bus to the Printer Module using a ***null modem cable***.
6) 9-pin Serial Port: Connect either the Printer Module's USB or 9-pin serial port to a computer's COM port to view the control panel's events on the computer's
   monitor. The events display on the monitor can then be printed through the printer connected to the computer.

Access Control Module (DGP-ACM12)

DGP-ACM12

Caution: Disconnect battery before replacing fuse.

BATT

AUX

AC
BATT
AUX
ERROR
RX
TX

TRIG (-) COM N.C. N.O. ~ AC ~ ⏚ L+ AUX - PGM TMP RED BLK GRN YEL / BUS

Rechargeable Battery YUASA model #NP7-12 UL/ULC 12Vdc/4Ah

Press to toggle the AUX output

TRANSFORMER 16 VAC, 20 VA

AC Power

12Vdc

Combus

+ - GRN YEL

Digiplex/ Digiplex EVO Control Panel

When using the on-board power supply, the 12Vdc power supply output will automatically shut down if the current exceeds 1.1A (see Inset 1).

AWG #14 single conductor solid copper wire

Ground clamp

Cold water pipe grounding

Transformer Sharing

Use one transformer to power multiple modules

From Transformer

Connect to another module compatible with transformer sharing

Connecting for Firmware Upgrade

DGP-ACM12

RED BLK GRN YEL

+12V GND POWER A+ B- GND RX-485 A+ B- RX TX GND RS-232

CONV4USB

Connecting a 7-Wire Routing Cable Cable

⏚ L+ AUX - PGM TMP RED BLK GRN YEL / BUS   CT REX DO D1 BEEP RED GREEN

Inset 1

RED
BLACK
SHIELD
GREEN
WHITE
BROWN
ORANGE
YELLOW

Routing Cable
Do not use twisted pairs or twisted cables for the routing cable.

Splice all cables here

RED BLACK GREEN WHITE BROWN ORANGE YELLOW SHIELD

CR-R880-BL Indoor/Outdoor Proximity Reader with 10cm (4in) Read Range Also supports the CR-R885-BL.

Reader Cable

If a routing cable is required to connect the reader to the module, the routing cable must be shielded. Do not connect the shield wires together at the reader cable splice. With the shield wire already terminated at the reader, simply terminate the shield at the module. Do not connect the shield to the black wire at the reader cable splice.

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.

DGP-ACM12

BATT

AUX

AC
BATT
AUX
ERROR
RX
TX

COM N.C. N.O. ~ AC ~ ⏚ L+ AUX - PGM TMP RED BLK GRN YEL / BUS

To PGM output

External Negative Trigger

External Tamper Switch (N.C.)

WHT BLK RED

MR3-UL

COM GRN YEL N.C. N.O.

Connecting Access Control Devices to the DGP2-ACM12

Connecting the Anti-Tamper Switch

PGM TMP RED BLK GRN YEL / BUS

External Anti-Tamper Switch (N.C.)

* = Follows control panel's EOL definition.

** = If the door contact is not used, install a jumper or a 1kW 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.

TRIG (-) COM N.C. N.O. ~ AC ~ ⏚ L+ AUX - PGM TMP RED BLK GRN YEL / BUS   CT REX DO D1 BEEP RED GREEN

Door Lock

1N4007 Diode

To other devices

See Inset 1

C NC - +

Paradoor 460

Request to Exit device must be connected to REX terminal***

No End-of-line required on REX

1 kΩ*

Door Contact Must be connected to CT terminal**

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.

Cathode
Anode
1N4007 Diode

Power Supply Module (DGP2-PS17)

Caution: Disconnect battery before replacing the fuse.

For information on the Power Supply Module's LEDs, refer to Module LED Indications on page 39.

Inset 1

External Anti-Tamper Switch (N.C.)
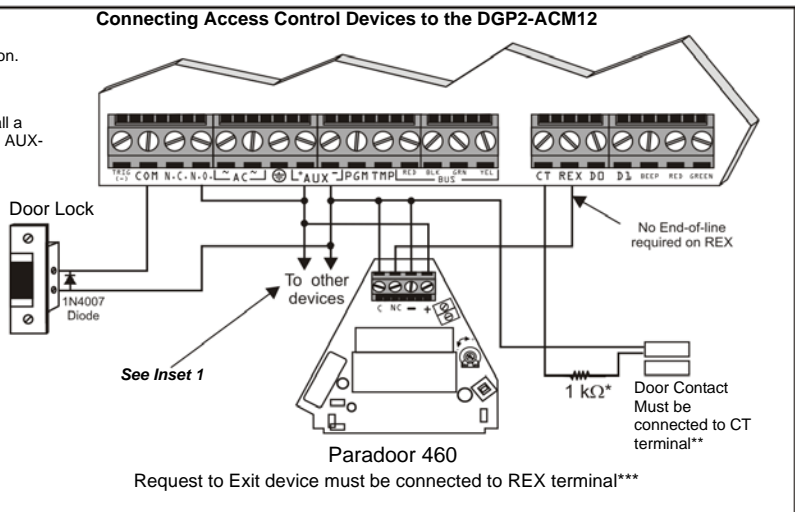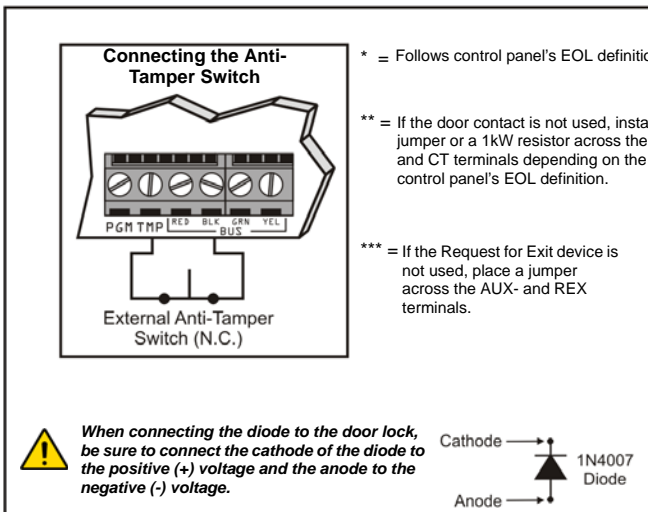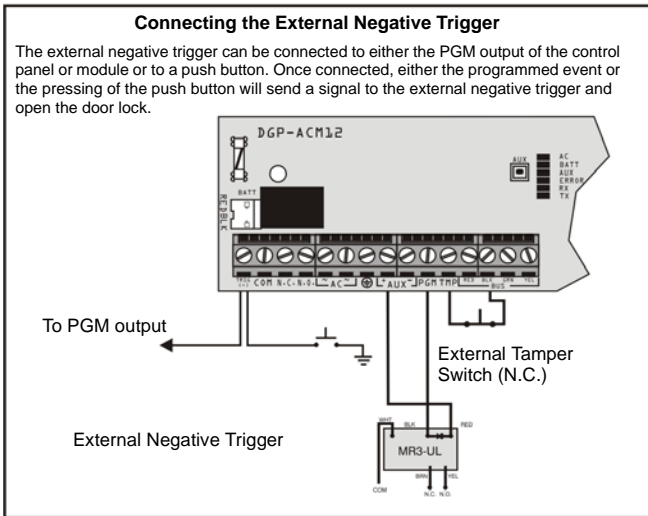
Control Panel (EVO48 & EVO192)

⚠ *Improper connection of the transformer may result in damage to the system.*

TRANSFORMER 16VAC, 20VA

AC Power

AWG #14 Single conductor solid copper wire

Ground clamp

Cold Water Pipe grounding

To mounting cabinet

12Vdc To other modules or devices

Combus

⚠ *The 12Vdc power supply output will automatically shut down if the current exceeds 1.1A.*

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

Transformer Requirements:	Minimum: 16VAC 20VA	UL/C-UL: 16VAC 40VA
UL Listed Basler Electronics Transformers		#BE156240CAA
CSA Listed Basler Electronics Transformers		#BE116240AAA
Auxiliary Supply can provide:	typical 600mA max. 700mA	typical 600mA max. 700mA
Usable Battery Charge Currents:	350mA	350mA/850mA

Refer to Module Connection Drawings on page 39 for information on how to connect the Power Supply Module's PGM output (Figure 2). Before commencing with the connections, please read the General Warnings listed on page 40.

Door Contact Module (DGP2-ZC1)

For information on the Addressable Door Contact's LEDs, refer to Module LED Indications on page 39.

Reed Switch

Anti-Tamper Switch

To control panel

GRN
YEL

DGP2-ZC1
reed
magnet
Door
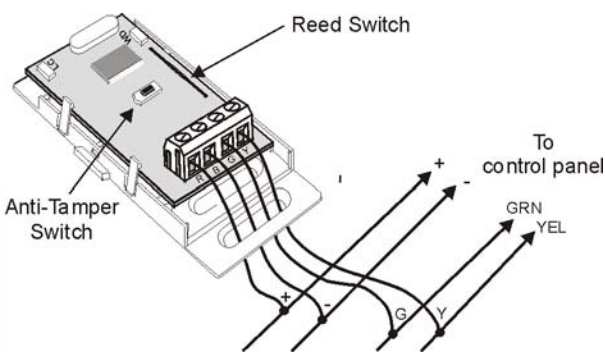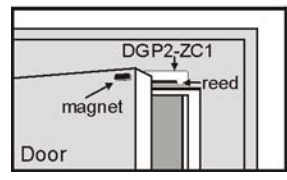
Hub and Bus Isolator Module (APR3-HUB2)

From other modules or a
Spectra or Digiplex control panel

OUT# | DATA ERROR | HUB ISOLATOR | DATA ERROR | OUT#
RED BLK PWR IN 1 | RED BLK GRN YEL OUTPUT | RED BLK GRN YEL INPUT | RED BLK PWR IN 2 | RED BLK GRN YEL OUTPUT

To other combus modules

Output 1

Power supply with dedicated transformer

12Vdc

To other combus modules

Output 2

Power supply with dedicated transformer

12Vdc

WDG LED

OUT# | DATA ERROR | HUB ISOLATOR | DATA ERROR | OUT#
RED BLK PWR IN 1 | RED BLK GRN YEL OUTPUT | RED BLK GRN YEL INPUT | RED BLK PWR IN 2 | RED BLK GRN YEL OUTPUT

To other combus modules

Output 3

Power supply with dedicated transformer

12Vdc

To other combus modules

Output 4

Power supply with dedicated transformer

12Vdc

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.

VDMP3 Plug-in Voive Dialer

Attach support pin to
EVO panel and VDMP3

Connect VDMP3 to
`DIALER` and `EBUS`

Connect 306USB /
CONV3USB (WinLoad /
NEware) to `SERIAL`
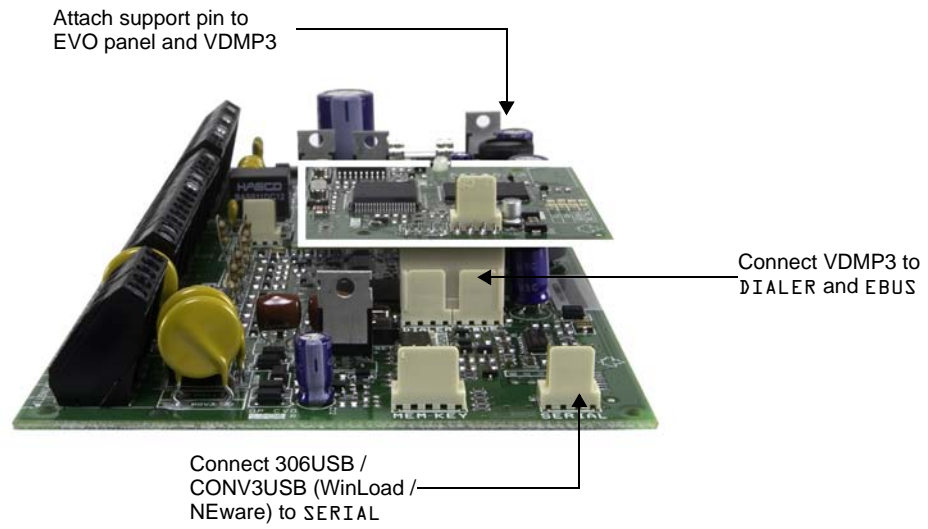
⚠️ *For programming method, refer to panel programming guide.*

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* on page 25) 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 on page 25) 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

Event Group	Event	Feature Group	Feature	Start #	End #
004	*Non-reportable Event*	000	TLM Trouble (see NOTE 3 on page 58)	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
			NEware User Login	010	010
			NEware User Logout	011	011
		000	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

Event Group	Event	Feature Group	Feature	Start #	End #
012	*Special Arming*		Auto Arming	000	000
			Arming by WinLoad	001	001
			Late to Close	002	002
			No Movement Arming	003	003
		000	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
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

Event Group	Event	Feature Group	Feature	Start #	End #
022	*Special Disarm Events*		Auto Arm Cancelled	000	000
			One-touch Stay/Instant Disarm	001	001
			Disarming with WinLoad	002	002
			Disarming with WinLoad after alarm	003	003
		000	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*			001 to 096	001 to 096
024	*Zone in Alarm*	000		001 to 096	001 to 096
025	*Fire Alarm*	255 = any zone #	Zone Numbers	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
030	*Special Alarm*		Emergency Panic (Keys 1 & 3)	000	000
			Medical Panic (Keys 4 & 6)	001	001
		000	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		001 to 096	001 to 096
033	*Zone Tamper*	255 = any zone #	Zone Numbers	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*		TLM Trouble (see NOTE 2 on page 58)	000	000
			AC Failure	001	001
			Battery Failure	002	002
		000	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

Event Group	Event	Feature Group	Feature	Start #	End #
037	*Trouble Restore*		TLM Trouble	000	000
			AC Failure	001	001
			Battery Failure	002	002
		000	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*		Combus Fault	000	000
			Module Tamper	001	001
			ROM/RAM error	002	002
			TLM Trouble	003	003
		000	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*		Combus Fault	000	000
			Module Tamper	001	001
			ROM/RAM error	002	002
			TLM Trouble	003	003
		000	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
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*			001 to 096	001 to 096
042	*Zone Supervision Trouble*	000	Zone Numbers	001 to 096	001 to 096
043	*Low Battery on Zone Restored*	255 = any Zone #		001 to 096	001 to 096
044	*Zone Supervision Trouble Restored*			001 to 096	001 to 096
045	*Special Events*		Power up after total power down	000	000
			Software reset (Watchdog)	001	001
			Test Report	002	002
			Future Use	003	003
		000	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

Event Group	Event	Feature Group	Feature	Start #	End #
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 58

*: see page 58

Event Group	Event	Feature Group	Feature	Start #	End #
064	*Status 1*	See **Note 1** on page 58	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 58	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

Event Group	Event	Feature Group	Feature	Start #	End #
066	*Status 3*	See **Note 1** on page 58	Intellizone Delay Engaged (see Note 4 on page 58)	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 (EVO192 only)**007** = Partition 7 (EVO192 only)
002 = Partition 2   **004** = Partition 4   **006** = Partition 6 (EVO192 only)**008** = Partition 8 (EVO192 only)
255 = Occurs in at least one partition enabled in the system.

NOTE 2: This TLM trouble event can only be used with EVO641R control panels that have two dialers.

NOTE 3: This TLM trouble event can only be used with EVO48 control panels or EVO641R 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

	Actions			
Utility Key Event	**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
	Actions			
Utility Key Event	**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
i	N/A	N/A	i	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 Magellan™ Reference and Installation Manual for remote control button programming instructions.

Warranty

For complete warranty information on this product please refer to the Limited Warranty Statement found on the website www.paradox.com/terms. Your use of the Paradox product signifies your acceptance of all warranty terms and conditions.

For technical support in Canada or the U.S., call 1-800-791-1919, Monday to Friday from 8:00 a.m. to 8:00 p.m. EST.
For technical support outside Canada and the U.S., call 00-1-450-491-7444, Monday to Friday from 8:00 a.m. to 8:00 p.m. EST.
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