

April 26, 1994
Software Version 1.0

PROGRAMMING WORK SHEETS



Book 4

PROGRAMMING THE PC4020

The PC4020 incorporates a new method of programming which uses a menu system to find a specific program location when it is to be entered.

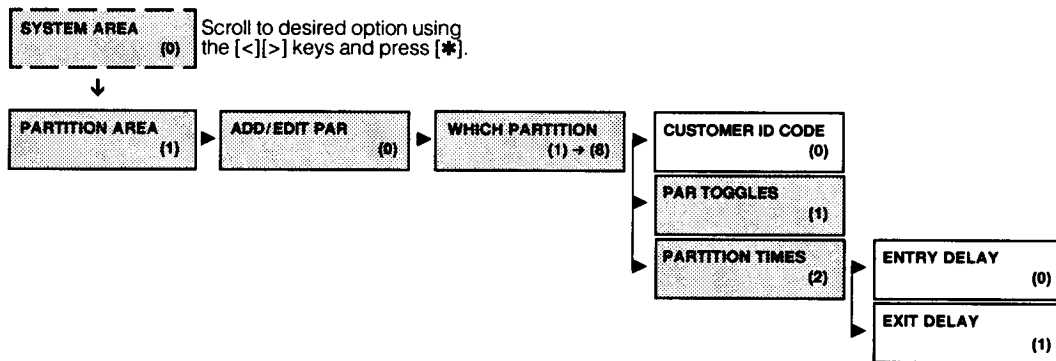
Book 3 contains the programming flow charts for the PC4020. The charts are arranged in such a way as to allow you to quickly find any option and the path required to arrive at the program location. In addition you will be able to see other options also available to you in the program area.

Plain boxes are program areas and shaded boxes are menu selections.

Two methods may be used to select the different menu items to arrive at a program location. With the first, you may use the arrow keys (< >) to scroll through the menu items. When the desired item is displayed press the [*] key. The [*] key is used as an 'ENTER' or 'SELECT' key. The panel will then move you to the next set of options.

The other method incorporates a 'HOTKEY' system. Every menu and program item contains a one or two digit 'HOTKEY' entry. Simply press the number(s) in the menu or program box and the panel will automatically select the item for you. DO NOT PRESS THE [*] AFTER ENTERING THE 'HOTKEY' NUMBER. This second method is much quicker once you become familiar with it.

EXAMPLE: We wish to program the Exit Delay for Partition 4. The following is the flow chart located in Book 3.



Using the first method the arrow keys would have to be pressed many times to scroll to the various items followed by the [*] key to select the item. Twelve keystrokes would be required after entering Installer Programming providing no mistakes are made. The keystrokes required are as follows:

[>], [*] to select PARTITION AREA
[*] to select ADD/EDIT PAR
[>], [>], [>], [*] to select to PARTITION 4
[>], [>], [*] to select PARTITION TIMES
[>], [*] to select EXIT DELAY

Using the second 'HOTKEY' method we require only 5 keystrokes:

[1] to select PARTITION AREA
[0] to select ADD/EDIT PAR
[4] to select PARTITION 4
[2] to select PARTITION TIMES
[1] to select EXIT DELAY

With less keystrokes required, programming is quicker as there is less chance of an error occurring.

At any time you may press the [#] key to exit a section. ANY DATA ENTERED WILL BE CHANGED. THE [#] KEY IS NOT AN ABORT KEY! The [#] key can also be pressed to move you back to the previous menu. Pressing the [#] key several times will exit you from Installer Programming.

To make programming easier the INDEX at the back of the Programming Manual includes the chart number beside every option as well as the page number for a description of the option.

Programming Toggle Options

Some program areas contain several toggle options which pertain to the menu item selected. Use the arrow keys (<>) to scroll through the various items. Press the [*] key to toggle between [Y]es and [N]o for each feature. Once all the toggle options have been programmed press the [#] key to save your changes return to the previous menu.

Programming HEX Digits

Often HEX digits are required for a program item. When a HEX digit is required press the [*] key to enter the HEX menu. You may use the arrow keys to scroll through the HEX digits (A through F) and when the desired letter is displayed press the [*] key.

Another much quicker method for entering HEX digits is to, first, press the [*] key followed by the number corresponding to the HEX letter i.e. A = 1, B = 2, C = 3, up to F = 6. The [*] key must be pressed before entering each HEX digit as the software returns you to decimal programming automatically after each entry.

EXAMPLE: To enter data 'ABCD' on a PC4020 you would enter:

[*], [1], [*], [2], [*], [3], [*], [4]

Note - The [] key is required before every HEX digit entered.*

PROGRAMMING WORK SHEETS

Zone Assignment

System Zone	Partition								Zone Label	Zone Type	Audible	Pulsed	Bypassable	Chime	Force Armable	Swinger Shutdown	TX Delay
	1	2	3	4	5	6	7	8									
Z1																	
Z2																	
Z3																	
Z4																	
Z5																	
Z6																	
Z7																	
Z8																	
Z9																	
Z10																	
Z11																	
Z12																	
Z13																	
Z14																	
Z15																	
Z16																	

List of Zone Type Options:

[00] Standard Delay
[01] Auxiliary Delay
[02] Instant
[03] Interior
[04] Int Home Away

[05] Delay Home Away
[06] 24 hr Bell
[07] 24 hr Bell/Buzz
[08] 24 hr Buzzer
[09] Standard Fire

[10] Delayed Fire
[11] Auto Ver Fire
[12] Momentary Arm
[13] Maintained Arm

[14] Latching 24 hr
[15] Forced Answer
[16] Links Supervisory
[17] Links Answer

System Zone (1) ▶ (0) ▶ (1) → (8) ▶ (3) ▶ (0)
Zone Label (1) ▶ (0) ▶ (1) → (8) ▶ (3) ▶ (1) ▶ Which Zone ▶ (0)
Zone Type (1) ▶ (0) ▶ (1) → (8) ▶ (3) ▶ (1) ▶ Which Zone ▶ (1)
Audible (1) ▶ (0) ▶ (1) → (8) ▶ (3) ▶ (1) ▶ Which Zone ▶ (2)
Pulsed (1) ▶ (0) ▶ (1) → (8) ▶ (3) ▶ (1) ▶ Which Zone ▶ (2)

Bypassable (1) ▶ (0) ▶ (1) → (8) ▶ (3) ▶ (1) ▶ Which Zone ▶ (2)
Chime (1) ▶ (0) ▶ (1) → (8) ▶ (3) ▶ (1) ▶ Which Zone ▶ (2)
Force Armable (1) ▶ (0) ▶ (1) → (8) ▶ (3) ▶ (1) ▶ Which Zone ▶ (2)
Swinger Shutdown (1) ▶ (0) ▶ (1) → (8) ▶ (3) ▶ (1) ▶ Which Zone ▶ (2)
TX Delay (1) ▶ (0) ▶ (1) → (8) ▶ (3) ▶ (1) ▶ Which Zone ▶ (2)

Installer Options

■ Installer's Code (0) ► (00) ► (0)

Default

4 Digit Code 4 | 0 | 2 | 0 |

or

6 Digit Code 4 | 0 | 2 | 0 | 0 | 0 |

■ Grand Master Code (0) ► (00) ► (1)

Default

4 Digit Code 1 | 2 | 3 | 4 |

or

6 Digit Code 1 | 2 | 3 | 4 | 5 | 6 |

■ 2nd Grand Master Code (0) ► (00) ► (2)

Default

4 Digit Code A | A | A | A |

or

6 Digit Code A | A | A | A | 0 | 0 |

■ Walk Test Code (0) ► (00) ► (3)

Default

4 Digit Code A | A | A | A |

or

6 Digit Code A | A | A | A | 0 | 0 |

■ Installer's Lockout Enabled (0) ► (00) ► (4)

Default

No Yes/No ☐

Event Messages

■ Fail to Arm Event Message (0) ► (01) ► (0)

Default

S y s t e m H a s

F a i l e d T o A r m

■ Alarm When Armed Event Message (0) ► (01) ► (1)

Default

A l a r m O c c u r r e d

W h i l e A r m e d

The following messages will be displayed only when the Double EOL option is enabled.

■ Zone Fault Event Message (0) ► (01) ► (2)

Default

Z o n e F a u l t < >

■ Zone Tamper Event Message (0) ► (01) ► (3)

Default

Z o n e T a m p e r < >

System Options

■ System Toggle Options (0) ► (02) ► (0)

	<u>Default</u>				<u>Default</u>		
Change Sys Mas	Yes	Yes/No	☐	6 Digit Codes	No	Yes/No	☐
Power Up Shunt	Yes	Yes/No	☐	Hourly Print	No	Yes/No	☐
AC Tbl Disp	Yes	Yes/No	☐	Military Time	No	Yes/No	☐
60 Hz Line	Yes	Yes/No	☐	Keypad Tamper	No	Yes/No	☐
Xtal Time Base	No	Yes/No	☐	Glob [F] Enab	Yes	Yes/No	☐
AC Inhibit Arm	No	Yes/No	☐	Glob [A] Enab	Yes	Yes/No	☐
DC Inhibit Arm	No	Yes/No	☐	Glob [P] Enab	Yes	Yes/No	☐
Alarms Disp	No	Yes/No	☐	Glob Disp Clk	Yes	Yes/No	☐
Bypass Disp	No	Yes/No	☐	Glob Keypad Lock	No	Yes/No	☐
Bell Shutdown	Yes	Yes/No	☐	Kypd #1 Glob	No	Yes/No	☐
Follows + Alarms	No	Yes/No	☐	Tampers Inhibit	No	Yes/No	☐

■ Keypad Toggle Options (0) ► (02) ► (1)

	<u>Default</u>				<u>Default</u>		
[F] Bell	Yes	Yes/No	☐	[A] Aud Buzz	No	Yes/No	☐
[F] Pulse Bell	Yes	Yes/No	☐	[P] Sil Bell	Yes	Yes/No	☐
[F] Buzzer	Yes	Yes/No	☐	[P] Stdy Bell	Yes	Yes/No	☐
[A] Sil Bell	Yes	Yes/No	☐	[P] Silent Buz	Yes	Yes/No	☐
[A] Stdy Bell	Yes	Yes/No	☐				

■ Keypad Lockout Options (0) ► (02) ► (2)

	<u>Default</u>			
Total Bad Codes (000-255)	005			(0) ► (02) ► (2) ► (0)
Lockout Duration (000-255 mins.)	015			(0) ► (02) ► (2) ► (1)

■ System Times (0) ► (02) ► (3)

	<u>Default</u>			
Zone Response (005-255 x 100ms)	005 (500ms)			(0) ► (02) ► (3) ► (0)
Bell Cutoff (000-255 mins.)	004			(0) ► (02) ► (3) ► (1)

■ Zone Supervision (0) ► (02) ► (4)

	<u>Default</u>		
Single EOL	No EOL	☐	
	Single EOL	☐	
	Double EOL	☐	

DLS Section

■ DLS Toggles (0) ▶ (03) ▶ (0)

Default

Ring Detect	No	Yes/No ☐
User Call Up	No	Yes/No ☐
Double Call	No	Yes/No ☐
DLS Callback	No	Yes/No ☐
Periodic DLS	No	Yes/No ☐
User Enabs DLS	Yes	Yes/No ☐

■ Periodic Callup (0) ▶ (03) ▶ (1)

Set Cycle Days (000-255 days)	030		(0) ▶ (03) ▶ (1) ▶ (0)
Set 24 Hr Time (HH:MM)	0000		(0) ▶ (03) ▶ (1) ▶ (1)

■ Phone Number (31 digits max.) (0) ▶ (03) ▶ (2)

■ Panel ID Code	4921		(0) ▶ (03) ▶ (3)
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■ Access Code	4920		(0) ▶ (03) ▶ (4)
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■ 2 Call Timer (000-255 secs.)	060		(0) ▶ (03) ▶ (5)
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■ # OF RINGS (000-255)	008		(0) ▶ (03) ▶ (6)
------------------------	-----	----------------------	------------------

Communicator

MAIN ITEMS (0) ▶ (04) ▶ (0)

■ 1st Phone Number (31 digits max.) (0) ▶ (04) ▶ (0) ▶ (0) ▶ (0)

Default

Format (00-18)	[01] 20 Bps 2300	*	(0) ▶ (04) ▶ (0) ▶ (0) ▶ (1) ▶ (00)→(18)
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* Possible Selections

(00) 10 Bps 1400 - Silent Knight, Ademco Slow	(10) 40 Bps 2300 X - Radionics Extended
(01) 20 Bps 2300 - Sescoa, Franklin, DCI, Vertex	(11) 40 Bps 1400 X - Radionics Extended
(02) 20 Bps 1400 - Silent Knight Fast	(12) 40 Bps 2300 XP - Radionics Extended with Parity
(03) 40 Bps 2300 - Radionics	(13) 40 Bps 1400 XP - Radionics Extended with Parity
(04) 40 Bps 1400 - Radionics	(14) SIA Fsk Format
(05) 40 Bps 2300 P - Radionics with Parity	(15) Sescoa Super Speed
(06) 40 Bps 1400 P - Radionics with Parity	(16) Sescoa Super Speed ID
(07) 10 Bps 1400 X - Silent Knight, Ademco Slow extended	(17) DTMF Contact ID
(08) 20 Bps 2300 X - Sescoa, Franklin, DCI, Vertex extended	(18) 4/3 DTMF Format
(09) 20 Bps 1400 X - Silent Knight, Ademco Fast extended	

Dial Direction (0) ▶ (04) ▶ (0) ▶ (0) ▶ (2)

Default

Alarm/Restore	Yes	Yes/No	☐
Open/Close	Yes	Yes/No	☐
All Others	Yes	Yes/No	☐

A horizontal timeline spanning from 1940 to 2020. Vertical tick marks are placed at 10-year intervals: 1940, 1950, 1960, 1970, 1980, 1990, 2000, 2010, and 2020. The timeline is represented by a horizontal line with these tick marks extending upwards.

(0) ▶ (04) ▶ (0) ▶ (1) ▶ (1) ▶ (00)→(18) [01] 20 Bps 2300 *

All Others No Yes/No ☐

[illegible]

(0) ► (04) ► (0) ► (2) ► (1) ► (00)→(18) [01] 20 Bps 2300 *

	No	Yes/No
All Others		

- (00) 10 Bps 1400 - Silent Knight, Ademco Slow
- (01) 20 Bps 2300 - Sescos, Franklin, DCI, Vertex
- (02) 20 Bps 1400 - Silent Knight Fast
- (03) 40 Bps 2300 - Radionics
- (04) 40 Bps 1400 - Radionics
- (05) 40 Bps 2300 P - Radionics with Parity
- (06) 40 Bps 1400 P - Radionics with Parity
- (07) 10 Bps 1400 X - Silent Knight, Ademco Slow extended
- (08) 20 Bps 2300 X - Sescos, Franklin, DCI, Vertex extended
- (09) 20 Bps 1400 X - Silent Knight, Ademco Fast extended
- (10) 40 Bps 2300 X - Radionics Extended
- (11) 40 Bps 1400 X - Radionics Extended
- (12) 40 Bps 2300 XP - Radionics Extended with Parity
- (13) 40 Bps 1400 XP - Radionics Extended with Parity
- (14) SIA Fsk Format
- (15) Sescos Super Speed
- (16) Sescos Super Speed ID
- (17) DTMF Contact ID
- (18) 4/3 DTMF Format

		<u>Default</u>		
■ System ID Code	FFFF			(0) ▶ (04) ▶ (0) ▶ (3)
■ Comms Toggles (0) ▶ (04) ▶ (1)				
Comms Enabled	Yes	Yes/No	☐	
DTMF Dialing	Yes	Yes/No	☐	
Restore On BTO	Yes	Yes/No	☐	
Rest On Disarm	No	Yes/No	☐	
Shut Down 24 Hrs	No	Yes/No	☐	
PC ID	No	Yes/No	☐	
PC On Auto Arm	Yes	Yes/No	☐	
PC ID Restores	No	Yes/No	☐	
TLM Enabled	Yes	Yes/No	☐	
TLM Aud Bell	Yes	Yes/No	☐	
FTC Aud Bell	No	Yes/No	☐	
TLM + Alarm Aud	No	Yes/No	☐	
Ringback	No	Yes/No	☐	
Ringback Squawk	No	Yes/No	☐	
Periodic Tx?	No	Yes/No	☐	
Europe Dial	No	Yes/No	☐	
Default Dial	Yes	Yes/No	☐	
Ph 1-2 Backup	No	Yes/No	☐	
Ph 1-3 Backup	No	Yes/No	☐	
Ph 2-3 Backup	No	Yes/No	☐	
■ Comms Misc (0) ▶ (04) ▶ (2)				
DTMF Attempts (000-255)	002			(0) ▶ (04) ▶ (2) ▶ (0)
Swinger Limit (000-255)	003			(0) ▶ (04) ▶ (2) ▶ (1)
AC Fail Tx Delay (000-255 mins.)	030			(0) ▶ (04) ▶ (2) ▶ (2)
Zone Tx Delay (000-255 secs.)	000			(0) ▶ (04) ▶ (2) ▶ (3)
■ Test Code Tx (0) ▶ (04) ▶ (2) ▶ (4)				
Set Cycle Days (000-255 days)	030			(0) ▶ (04) ▶ (2) ▶ (4) ▶ (0)
Set 24 Hr Time (HH:MM)	0000			(0) ▶ (04) ▶ (2) ▶ (4) ▶ (1)

Reporting Codes

■ Zone Alarms (0) ► (04) ► (3) ► (00)

Zone 001 Alarm	Zone 033 Alarm	Zone 065 Alarm	Zone 097 Alarm
Zone 002 Alarm	Zone 034 Alarm	Zone 066 Alarm	Zone 098 Alarm
Zone 003 Alarm	Zone 035 Alarm	Zone 067 Alarm	Zone 099 Alarm
Zone 004 Alarm	Zone 036 Alarm	Zone 068 Alarm	Zone 100 Alarm
Zone 005 Alarm	Zone 037 Alarm	Zone 069 Alarm	Zone 101 Alarm
Zone 006 Alarm	Zone 038 Alarm	Zone 070 Alarm	Zone 102 Alarm
Zone 007 Alarm	Zone 039 Alarm	Zone 071 Alarm	Zone 103 Alarm
Zone 008 Alarm	Zone 040 Alarm	Zone 072 Alarm	Zone 104 Alarm
Zone 009 Alarm	Zone 041 Alarm	Zone 073 Alarm	Zone 105 Alarm
Zone 010 Alarm	Zone 042 Alarm	Zone 074 Alarm	Zone 106 Alarm
Zone 011 Alarm	Zone 043 Alarm	Zone 075 Alarm	Zone 107 Alarm
Zone 012 Alarm	Zone 044 Alarm	Zone 076 Alarm	Zone 108 Alarm
Zone 013 Alarm	Zone 045 Alarm	Zone 077 Alarm	Zone 109 Alarm
Zone 014 Alarm	Zone 046 Alarm	Zone 078 Alarm	Zone 110 Alarm
Zone 015 Alarm	Zone 047 Alarm	Zone 079 Alarm	Zone 111 Alarm
Zone 016 Alarm	Zone 048 Alarm	Zone 080 Alarm	Zone 112 Alarm
Zone 017 Alarm	Zone 049 Alarm	Zone 081 Alarm	Zone 113 Alarm
Zone 018 Alarm	Zone 050 Alarm	Zone 082 Alarm	Zone 114 Alarm
Zone 019 Alarm	Zone 051 Alarm	Zone 083 Alarm	Zone 115 Alarm
Zone 020 Alarm	Zone 052 Alarm	Zone 084 Alarm	Zone 116 Alarm
Zone 021 Alarm	Zone 053 Alarm	Zone 085 Alarm	Zone 117 Alarm
Zone 022 Alarm	Zone 054 Alarm	Zone 086 Alarm	Zone 118 Alarm
Zone 023 Alarm	Zone 055 Alarm	Zone 087 Alarm	Zone 119 Alarm
Zone 024 Alarm	Zone 056 Alarm	Zone 088 Alarm	Zone 120 Alarm
Zone 025 Alarm	Zone 057 Alarm	Zone 089 Alarm	Zone 121 Alarm
Zone 026 Alarm	Zone 058 Alarm	Zone 090 Alarm	Zone 122 Alarm
Zone 027 Alarm	Zone 059 Alarm	Zone 091 Alarm	Zone 123 Alarm
Zone 028 Alarm	Zone 060 Alarm	Zone 092 Alarm	Zone 124 Alarm
Zone 029 Alarm	Zone 061 Alarm	Zone 093 Alarm	Zone 125 Alarm
Zone 030 Alarm	Zone 062 Alarm	Zone 094 Alarm	Zone 126 Alarm
Zone 031 Alarm	Zone 063 Alarm	Zone 095 Alarm	Zone 127 Alarm
Zone 032 Alarm	Zone 064 Alarm	Zone 096 Alarm	Zone 128 Alarm

■ **Zone Restorals** (0) ► (04) ► (3) ► (01)

Zone 001 Restoral ☐	Zone 033 Restoral ☐	Zone 065 Restoral ☐	Zone 097 Restoral ☐
Zone 002 Restoral ☐	Zone 034 Restoral ☐	Zone 066 Restoral ☐	Zone 098 Restoral ☐
Zone 003 Restoral ☐	Zone 035 Restoral ☐	Zone 067 Restoral ☐	Zone 099 Restoral ☐
Zone 004 Restoral ☐	Zone 036 Restoral ☐	Zone 068 Restoral ☐	Zone 100 Restoral ☐
Zone 005 Restoral ☐	Zone 037 Restoral ☐	Zone 069 Restoral ☐	Zone 101 Restoral ☐
Zone 006 Restoral ☐	Zone 038 Restoral ☐	Zone 070 Restoral ☐	Zone 102 Restoral ☐
Zone 007 Restoral ☐	Zone 039 Restoral ☐	Zone 071 Restoral ☐	Zone 103 Restoral ☐
Zone 008 Restoral ☐	Zone 040 Restoral ☐	Zone 072 Restoral ☐	Zone 104 Restoral ☐
Zone 009 Restoral ☐	Zone 041 Restoral ☐	Zone 073 Restoral ☐	Zone 105 Restoral ☐
Zone 010 Restoral ☐	Zone 042 Restoral ☐	Zone 074 Restoral ☐	Zone 106 Restoral ☐
Zone 011 Restoral ☐	Zone 043 Restoral ☐	Zone 075 Restoral ☐	Zone 107 Restoral ☐
Zone 012 Restoral ☐	Zone 044 Restoral ☐	Zone 076 Restoral ☐	Zone 108 Restoral ☐
Zone 013 Restoral ☐	Zone 045 Restoral ☐	Zone 077 Restoral ☐	Zone 109 Restoral ☐
Zone 014 Restoral ☐	Zone 046 Restoral ☐	Zone 078 Restoral ☐	Zone 110 Restoral ☐
Zone 015 Restoral ☐	Zone 047 Restoral ☐	Zone 079 Restoral ☐	Zone 111 Restoral ☐
Zone 016 Restoral ☐	Zone 048 Restoral ☐	Zone 080 Restoral ☐	Zone 112 Restoral ☐
Zone 017 Restoral ☐	Zone 049 Restoral ☐	Zone 081 Restoral ☐	Zone 113 Restoral ☐
Zone 018 Restoral ☐	Zone 050 Restoral ☐	Zone 082 Restoral ☐	Zone 114 Restoral ☐
Zone 019 Restoral ☐	Zone 051 Restoral ☐	Zone 083 Restoral ☐	Zone 115 Restoral ☐
Zone 020 Restoral ☐	Zone 052 Restoral ☐	Zone 084 Restoral ☐	Zone 116 Restoral ☐
Zone 021 Restoral ☐	Zone 053 Restoral ☐	Zone 085 Restoral ☐	Zone 117 Restoral ☐
Zone 022 Restoral ☐	Zone 054 Restoral ☐	Zone 086 Restoral ☐	Zone 118 Restoral ☐
Zone 023 Restoral ☐	Zone 055 Restoral ☐	Zone 087 Restoral ☐	Zone 119 Restoral ☐
Zone 024 Restoral ☐	Zone 056 Restoral ☐	Zone 088 Restoral ☐	Zone 120 Restoral ☐
Zone 025 Restoral ☐	Zone 057 Restoral ☐	Zone 089 Restoral ☐	Zone 121 Restoral ☐
Zone 026 Restoral ☐	Zone 058 Restoral ☐	Zone 090 Restoral ☐	Zone 122 Restoral ☐
Zone 027 Restoral ☐	Zone 059 Restoral ☐	Zone 091 Restoral ☐	Zone 123 Restoral ☐
Zone 028 Restoral ☐	Zone 060 Restoral ☐	Zone 092 Restoral ☐	Zone 124 Restoral ☐
Zone 029 Restoral ☐	Zone 061 Restoral ☐	Zone 093 Restoral ☐	Zone 125 Restoral ☐
Zone 030 Restoral ☐	Zone 062 Restoral ☐	Zone 094 Restoral ☐	Zone 126 Restoral ☐
Zone 031 Restoral ☐	Zone 063 Restoral ☐	Zone 095 Restoral ☐	Zone 127 Restoral ☐
Zone 032 Restoral ☐	Zone 064 Restoral ☐	Zone 096 Restoral ☐	Zone 128 Restoral ☐

■ **Zone Trouble** (0) ▶ (04) ▶ (3) ▶ (02)

Zone 001 Trouble	☐	Zone 033 Trouble	☐	Zone 065 Trouble	☐	Zone 097 Trouble	☐
Zone 002 Trouble	☐	Zone 034 Trouble	☐	Zone 066 Trouble	☐	Zone 098 Trouble	☐
Zone 003 Trouble	☐	Zone 035 Trouble	☐	Zone 067 Trouble	☐	Zone 099 Trouble	☐
Zone 004 Trouble	☐	Zone 036 Trouble	☐	Zone 068 Trouble	☐	Zone 100 Trouble	☐
Zone 005 Trouble	☐	Zone 037 Trouble	☐	Zone 069 Trouble	☐	Zone 101 Trouble	☐
Zone 006 Trouble	☐	Zone 038 Trouble	☐	Zone 070 Trouble	☐	Zone 102 Trouble	☐
Zone 007 Trouble	☐	Zone 039 Trouble	☐	Zone 071 Trouble	☐	Zone 103 Trouble	☐
Zone 008 Trouble	☐	Zone 040 Trouble	☐	Zone 072 Trouble	☐	Zone 104 Trouble	☐
Zone 009 Trouble	☐	Zone 041 Trouble	☐	Zone 073 Trouble	☐	Zone 105 Trouble	☐
Zone 010 Trouble	☐	Zone 042 Trouble	☐	Zone 074 Trouble	☐	Zone 106 Trouble	☐
Zone 011 Trouble	☐	Zone 043 Trouble	☐	Zone 075 Trouble	☐	Zone 107 Trouble	☐
Zone 012 Trouble	☐	Zone 044 Trouble	☐	Zone 076 Trouble	☐	Zone 108 Trouble	☐
Zone 013 Trouble	☐	Zone 045 Trouble	☐	Zone 077 Trouble	☐	Zone 109 Trouble	☐
Zone 014 Trouble	☐	Zone 046 Trouble	☐	Zone 078 Trouble	☐	Zone 110 Trouble	☐
Zone 015 Trouble	☐	Zone 047 Trouble	☐	Zone 079 Trouble	☐	Zone 111 Trouble	☐
Zone 016 Trouble	☐	Zone 048 Trouble	☐	Zone 080 Trouble	☐	Zone 112 Trouble	☐
Zone 017 Trouble	☐	Zone 049 Trouble	☐	Zone 081 Trouble	☐	Zone 113 Trouble	☐
Zone 018 Trouble	☐	Zone 050 Trouble	☐	Zone 082 Trouble	☐	Zone 114 Trouble	☐
Zone 019 Trouble	☐	Zone 051 Trouble	☐	Zone 083 Trouble	☐	Zone 115 Trouble	☐
Zone 020 Trouble	☐	Zone 052 Trouble	☐	Zone 084 Trouble	☐	Zone 116 Trouble	☐
Zone 021 Trouble	☐	Zone 053 Trouble	☐	Zone 085 Trouble	☐	Zone 117 Trouble	☐
Zone 022 Trouble	☐	Zone 054 Trouble	☐	Zone 086 Trouble	☐	Zone 118 Trouble	☐
Zone 023 Trouble	☐	Zone 055 Trouble	☐	Zone 087 Trouble	☐	Zone 119 Trouble	☐
Zone 024 Trouble	☐	Zone 056 Trouble	☐	Zone 088 Trouble	☐	Zone 120 Trouble	☐
Zone 025 Trouble	☐	Zone 057 Trouble	☐	Zone 089 Trouble	☐	Zone 121 Trouble	☐
Zone 026 Trouble	☐	Zone 058 Trouble	☐	Zone 090 Trouble	☐	Zone 122 Trouble	☐
Zone 027 Trouble	☐	Zone 059 Trouble	☐	Zone 091 Trouble	☐	Zone 123 Trouble	☐
Zone 028 Trouble	☐	Zone 060 Trouble	☐	Zone 092 Trouble	☐	Zone 124 Trouble	☐
Zone 029 Trouble	☐	Zone 061 Trouble	☐	Zone 093 Trouble	☐	Zone 125 Trouble	☐
Zone 030 Trouble	☐	Zone 062 Trouble	☐	Zone 094 Trouble	☐	Zone 126 Trouble	☐
Zone 031 Trouble	☐	Zone 063 Trouble	☐	Zone 095 Trouble	☐	Zone 127 Trouble	☐
Zone 032 Trouble	☐	Zone 064 Trouble	☐	Zone 096 Trouble	☐	Zone 128 Trouble	☐

■ **Zone Trouble Restorals** (0) ► (04) ► (3) ► (03)

Zone 001 Restoral ☐	Zone 033 Restoral ☐	Zone 065 Restoral ☐	Zone 097 Restoral ☐
Zone 002 Restoral ☐	Zone 034 Restoral ☐	Zone 066 Restoral ☐	Zone 098 Restoral ☐
Zone 003 Restoral ☐	Zone 035 Restoral ☐	Zone 067 Restoral ☐	Zone 099 Restoral ☐
Zone 004 Restoral ☐	Zone 036 Restoral ☐	Zone 068 Restoral ☐	Zone 100 Restoral ☐
Zone 005 Restoral ☐	Zone 037 Restoral ☐	Zone 069 Restoral ☐	Zone 101 Restoral ☐
Zone 006 Restoral ☐	Zone 038 Restoral ☐	Zone 070 Restoral ☐	Zone 102 Restoral ☐
Zone 007 Restoral ☐	Zone 039 Restoral ☐	Zone 071 Restoral ☐	Zone 103 Restoral ☐
Zone 008 Restoral ☐	Zone 040 Restoral ☐	Zone 072 Restoral ☐	Zone 104 Restoral ☐
Zone 009 Restoral ☐	Zone 041 Restoral ☐	Zone 073 Restoral ☐	Zone 105 Restoral ☐
Zone 010 Restoral ☐	Zone 042 Restoral ☐	Zone 074 Restoral ☐	Zone 106 Restoral ☐
Zone 011 Restoral ☐	Zone 043 Restoral ☐	Zone 075 Restoral ☐	Zone 107 Restoral ☐
Zone 012 Restoral ☐	Zone 044 Restoral ☐	Zone 076 Restoral ☐	Zone 108 Restoral ☐
Zone 013 Restoral ☐	Zone 045 Restoral ☐	Zone 077 Restoral ☐	Zone 109 Restoral ☐
Zone 014 Restoral ☐	Zone 046 Restoral ☐	Zone 078 Restoral ☐	Zone 110 Restoral ☐
Zone 015 Restoral ☐	Zone 047 Restoral ☐	Zone 079 Restoral ☐	Zone 111 Restoral ☐
Zone 016 Restoral ☐	Zone 048 Restoral ☐	Zone 080 Restoral ☐	Zone 112 Restoral ☐
Zone 017 Restoral ☐	Zone 049 Restoral ☐	Zone 081 Restoral ☐	Zone 113 Restoral ☐
Zone 018 Restoral ☐	Zone 050 Restoral ☐	Zone 082 Restoral ☐	Zone 114 Restoral ☐
Zone 019 Restoral ☐	Zone 051 Restoral ☐	Zone 083 Restoral ☐	Zone 115 Restoral ☐
Zone 020 Restoral ☐	Zone 052 Restoral ☐	Zone 084 Restoral ☐	Zone 116 Restoral ☐
Zone 021 Restoral ☐	Zone 053 Restoral ☐	Zone 085 Restoral ☐	Zone 117 Restoral ☐
Zone 022 Restoral ☐	Zone 054 Restoral ☐	Zone 086 Restoral ☐	Zone 118 Restoral ☐
Zone 023 Restoral ☐	Zone 055 Restoral ☐	Zone 087 Restoral ☐	Zone 119 Restoral ☐
Zone 024 Restoral ☐	Zone 056 Restoral ☐	Zone 088 Restoral ☐	Zone 120 Restoral ☐
Zone 025 Restoral ☐	Zone 057 Restoral ☐	Zone 089 Restoral ☐	Zone 121 Restoral ☐
Zone 026 Restoral ☐	Zone 058 Restoral ☐	Zone 090 Restoral ☐	Zone 122 Restoral ☐
Zone 027 Restoral ☐	Zone 059 Restoral ☐	Zone 091 Restoral ☐	Zone 123 Restoral ☐
Zone 028 Restoral ☐	Zone 060 Restoral ☐	Zone 092 Restoral ☐	Zone 124 Restoral ☐
Zone 029 Restoral ☐	Zone 061 Restoral ☐	Zone 093 Restoral ☐	Zone 125 Restoral ☐
Zone 030 Restoral ☐	Zone 062 Restoral ☐	Zone 094 Restoral ☐	Zone 126 Restoral ☐
Zone 031 Restoral ☐	Zone 063 Restoral ☐	Zone 095 Restoral ☐	Zone 127 Restoral ☐
Zone 032 Restoral ☐	Zone 064 Restoral ☐	Zone 096 Restoral ☐	Zone 128 Restoral ☐

MODULE TAMPER ALARMS

■ LCD-4500 Keypad Tamper Alarms (0) ► (04) ► (3) ► (04) ► (0)

Keypad 1		Keypad 5		Keypad 9		Keypad 13	
Keypad 2		Keypad 6		Keypad 10		Keypad 14	
Keypad 3		Keypad 7		Keypad 11		Keypad 15	
Keypad 4		Keypad 8		Keypad 12		Keypad 16	

■ PC4400 Tamper Alarm (0) ► (04) ► (3) ► (04) ► (1)

Module 1

■ PC41XX Tamper Alarms (0) ► (04) ► (3) ► (04) ► (2)

Module 1		Module 5		Module 9		Module 13	
Module 2		Module 6		Module 10		Module 14	
Module 3		Module 7		Module 11		Module 15	
Module 4		Module 8		Module 12		Module 16	

■ PC4216 Tamper Alarms (0) ► (04) ► (3) ► (04) ► (3)

Module 1		Module 4		Module 6		Module 8	
Module 2		Module 5		Module 7		Module 9	
Module 3							

■ PC4204 Tamper Alarms (0) ► (04) ► (3) ► (04) ► (4)

Module 1		Module 5		Module 9		Module 13	
Module 2		Module 6		Module 10		Module 14	
Module 3		Module 7		Module 11		Module 15	
Module 4		Module 8		Module 12		Module 16	

MODULE TAMPER RESTORALS

■ LCD-4500 Keypad Tamper Restorals (0) ► (04) ► (3) ► (05) ► (0)

Keypad 1		Keypad 5		Keypad 9		Keypad 13	
Keypad 2		Keypad 6		Keypad 10		Keypad 14	
Keypad 3		Keypad 7		Keypad 11		Keypad 15	
Keypad 4		Keypad 8		Keypad 12		Keypad 16	

■ PC4400 Tamper Restoral (0) ► (04) ► (3) ► (05) ► (1)

Module 1

■ PC41XX Tamper Restorals (0) ► (04) ► (3) ► (05) ► (2)

Module 1		Module 5		Module 9		Module 13	
Module 2		Module 6		Module 10		Module 14	
Module 3		Module 7		Module 11		Module 15	
Module 4		Module 8		Module 12		Module 16	

■ PC4216 Tamper Restorals (0) ► (04) ► (3) ► (05) ► (3)

Module 1		Module 4		Module 6		Module 8	
Module 2		Module 5		Module 7		Module 9	
Module 3							

■ PC4204 Tamper Restorals (0) ► (04) ► (3) ► (05) ► (4)

Module 1		Module 5		Module 9		Module 13	
Module 2		Module 6		Module 10		Module 14	
Module 3		Module 7		Module 11		Module 15	
Module 4		Module 8		Module 12		Module 16	

■ [F] [A] [P] Keys (0) ► (04) ► (3) ► (06)

[F] Key Alarm		[F] Key Restore	
[A] Key Alarm		[A] Key Restore	
[P] Key Alarm		[P] Key Restore	
User Under Duress Code			

■ Closings (0) ► (04) ► (3) ► (07)

User 1 Closing	User 33 Closing	User 65 Closing	User 97 Closing
User 2 Closing	User 34 Closing	User 66 Closing	User 98 Closing
User 3 Closing	User 35 Closing	User 67 Closing	User 99 Closing
User 4 Closing	User 36 Closing	User 68 Closing	User 100 Closing
User 5 Closing	User 37 Closing	User 69 Closing	User 101 Closing
User 6 Closing	User 38 Closing	User 70 Closing	User 102 Closing
User 7 Closing	User 39 Closing	User 71 Closing	User 103 Closing
User 8 Closing	User 40 Closing	User 72 Closing	User 104 Closing
User 9 Closing	User 41 Closing	User 73 Closing	User 105 Closing
User 10 Closing	User 42 Closing	User 74 Closing	User 106 Closing
User 11 Closing	User 43 Closing	User 75 Closing	User 107 Closing
User 12 Closing	User 44 Closing	User 76 Closing	User 108 Closing
User 13 Closing	User 45 Closing	User 77 Closing	User 109 Closing
User 14 Closing	User 46 Closing	User 78 Closing	User 110 Closing
User 15 Closing	User 47 Closing	User 79 Closing	User 111 Closing
User 16 Closing	User 48 Closing	User 80 Closing	User 112 Closing
User 17 Closing	User 49 Closing	User 81 Closing	User 113 Closing
User 18 Closing	User 50 Closing	User 82 Closing	User 114 Closing
User 19 Closing	User 51 Closing	User 83 Closing	User 115 Closing
User 20 Closing	User 52 Closing	User 84 Closing	User 116 Closing
User 21 Closing	User 53 Closing	User 85 Closing	User 117 Closing
User 22 Closing	User 54 Closing	User 86 Closing	User 118 Closing
User 23 Closing	User 55 Closing	User 87 Closing	User 119 Closing
User 24 Closing	User 56 Closing	User 88 Closing	User 120 Closing
User 25 Closing	User 57 Closing	User 89 Closing	User 121 Closing
User 26 Closing	User 58 Closing	User 90 Closing	User 122 Closing
User 27 Closing	User 59 Closing	User 91 Closing	User 123 Closing
User 28 Closing	User 60 Closing	User 92 Closing	User 124 Closing
User 29 Closing	User 61 Closing	User 93 Closing	User 125 Closing
User 30 Closing	User 62 Closing	User 94 Closing	User 126 Closing
User 31 Closing	User 63 Closing	User 95 Closing	User 127 Closing
User 32 Closing	User 64 Closing	User 96 Closing	User 128 Closing

■ Misc Closings (0) ► (04) ► (3) ► (08)

Quick Arm Partial Closing Auto Arm Abort Auto Arm Closing Keypad Lock Out

■ **Openings** (0) ► (04) ► (3) ► (09)

User 1 Opening ☐	User 33 Opening ☐	User 65 Opening ☐	User 97 Opening ☐
User 2 Opening ☐	User 34 Opening ☐	User 66 Opening ☐	User 98 Opening ☐
User 3 Opening ☐	User 35 Opening ☐	User 67 Opening ☐	User 99 Opening ☐
User 4 Opening ☐	User 36 Opening ☐	User 68 Opening ☐	User 100 Opening ☐
User 5 Opening ☐	User 37 Opening ☐	User 69 Opening ☐	User 101 Opening ☐
User 6 Opening ☐	User 38 Opening ☐	User 70 Opening ☐	User 102 Opening ☐
User 7 Opening ☐	User 39 Opening ☐	User 71 Opening ☐	User 103 Opening ☐
User 8 Opening ☐	User 40 Opening ☐	User 72 Opening ☐	User 104 Opening ☐
User 9 Opening ☐	User 41 Opening ☐	User 73 Opening ☐	User 105 Opening ☐
User 10 Opening ☐	User 42 Opening ☐	User 74 Opening ☐	User 106 Opening ☐
User 11 Opening ☐	User 43 Opening ☐	User 75 Opening ☐	User 107 Opening ☐
User 12 Opening ☐	User 44 Opening ☐	User 76 Opening ☐	User 108 Opening ☐
User 13 Opening ☐	User 45 Opening ☐	User 77 Opening ☐	User 109 Opening ☐
User 14 Opening ☐	User 46 Opening ☐	User 78 Opening ☐	User 110 Opening ☐
User 15 Opening ☐	User 47 Opening ☐	User 79 Opening ☐	User 111 Opening ☐
User 16 Opening ☐	User 48 Opening ☐	User 80 Opening ☐	User 112 Opening ☐
User 17 Opening ☐	User 49 Opening ☐	User 81 Opening ☐	User 113 Opening ☐
User 18 Opening ☐	User 50 Opening ☐	User 82 Opening ☐	User 114 Opening ☐
User 19 Opening ☐	User 51 Opening ☐	User 83 Opening ☐	User 115 Opening ☐
User 20 Opening ☐	User 52 Opening ☐	User 84 Opening ☐	User 116 Opening ☐
User 21 Opening ☐	User 53 Opening ☐	User 85 Opening ☐	User 117 Opening ☐
User 22 Opening ☐	User 54 Opening ☐	User 86 Opening ☐	User 118 Opening ☐
User 23 Opening ☐	User 55 Opening ☐	User 87 Opening ☐	User 119 Opening ☐
User 24 Opening ☐	User 56 Opening ☐	User 88 Opening ☐	User 120 Opening ☐
User 25 Opening ☐	User 57 Opening ☐	User 89 Opening ☐	User 121 Opening ☐
User 26 Opening ☐	User 58 Opening ☐	User 90 Opening ☐	User 122 Opening ☐
User 27 Opening ☐	User 59 Opening ☐	User 91 Opening ☐	User 123 Opening ☐
User 28 Opening ☐	User 60 Opening ☐	User 92 Opening ☐	User 124 Opening ☐
User 29 Opening ☐	User 61 Opening ☐	User 93 Opening ☐	User 125 Opening ☐
User 30 Opening ☐	User 62 Opening ☐	User 94 Opening ☐	User 126 Opening ☐
User 31 Opening ☐	User 63 Opening ☐	User 95 Opening ☐	User 127 Opening ☐
User 32 Opening ☐	User 64 Opening ☐	User 96 Opening ☐	User 128 Opening ☐

■ **Misc Opening** (0) ► (04) ► (3) ► (10)

Open After Alarm ☐

■ **Syatem Maint** (0) ► (04) ► (3) ► (11)

Battery Trouble

AC Line Trouble

Main Bell Troub

Main Aux Troub

Battery Restore

AC Line Restore

Main Bell Rest

Main Aux Rest

COMBUS Trouble

COMBUS Restore

TLM Failure

TLM Restoral

FTC Restoral

Periodic Test

Buf Near Full

User System Test

LINKS Test

DLS Lead In

DLS Lead Out

Ins Lead In

Ins Lead Out

■ **4204 Mod Maint** (0) ► (04) ► (3) ► (12)

- 1st 4204 (0) ► (04) ► (3) ► (12) ► (01)

Battery Trouble

AC Trouble

Aux Sup Trouble

Battery Restoral

AC Restore

Aux Sup Restore

- 2nd 4204 (0) ► (04) ► (3) ► (12) ► (02)

Battery Trouble

AC Trouble

Aux Sup Trouble

Battery Restoral

AC Restore

Aux Sup Restore

- 3rd 4204 (0) ► (04) ► (3) ► (12) ► (03)

Battery Trouble

AC Trouble

Aux Sup Trouble

Battery Restoral

AC Restore

Aux Sup Restore

- 4th 4204 (0) ► (04) ► (3) ► (12) ► (04)

Battery Trouble

AC Trouble

Aux Sup Trouble

Battery Restoral

AC Restore

Aux Sup Restore

- 5th 4204 (0) ► (04) ► (3) ► (12) ► (05)

Battery Trouble

AC Trouble

Aux Sup Trouble

Battery Restoral

AC Restore

Aux Sup Restore

- 6th 4204 (0) ► (04) ► (3) ► (12) ► (06)

Battery Trouble

AC Trouble

Aux Sup Trouble

Battery Restoral

AC Restore

Aux Sup Restore

- 7th 4204 (0) ► (04) ► (3) ► (12) ► (07)

Battery Trouble ☐☐☐

AC Trouble ☐☐☐

Aux Sup Trouble ☐☐☐

Battery Restoral ☐☐☐

AC Restore ☐☐☐

Aux Sup Restore ☐☐☐

- 8th 4204 (0) ► (04) ► (3) ► (12) ► (08)

Battery Trouble ☐☐☐

AC Trouble ☐☐☐

Aux Sup Trouble ☐☐☐

Battery Restoral ☐☐☐

AC Restore ☐☐☐

Aux Sup Restore ☐☐☐

- 9th 4204 (0) ► (04) ► (3) ► (12) ► (09)

Battery Trouble ☐☐☐

AC Trouble ☐☐☐

Aux Sup Trouble ☐☐☐

Battery Restoral ☐☐☐

AC Restore ☐☐☐

Aux Sup Restore ☐☐☐

- 10th 4204 (0) ► (04) ► (3) ► (12) ► (10)

Battery Trouble ☐☐☐

AC Trouble ☐☐☐

Aux Sup Trouble ☐☐☐

Battery Restoral ☐☐☐

AC Restore ☐☐☐

Aux Sup Restore ☐☐☐

- 11th 4204 (0) ► (04) ► (3) ► (12) ► (11)

Battery Trouble ☐☐☐

AC Trouble ☐☐☐

Aux Sup Trouble ☐☐☐

Battery Restoral ☐☐☐

AC Restore ☐☐☐

Aux Sup Restore ☐☐☐

- 12th 4204 (0) ► (04) ► (3) ► (12) ► (12)

Battery Trouble ☐☐☐

AC Trouble ☐☐☐

Aux Sup Trouble ☐☐☐

Battery Restoral ☐☐☐

AC Restore ☐☐☐

Aux Sup Restore ☐☐☐

- 13th 4204 (0) ► (04) ► (3) ► (12) ► (13)

Battery Trouble ☐☐☐

AC Trouble ☐☐☐

Aux Sup Trouble ☐☐☐

Battery Restoral ☐☐☐

AC Restore ☐☐☐

Aux Sup Restore ☐☐☐

- 14th 4204 (0) ► (04) ► (3) ► (12) ► (14)

Battery Trouble ☐☐☐

AC Trouble ☐☐☐

Aux Sup Trouble ☐☐☐

Battery Restoral ☐☐☐

AC Restore ☐☐☐

Aux Sup Restore ☐☐☐

- 15th 4204 (0) ► (04) ► (3) ► (12) ► (15)

Battery Trouble ☐☐☐

AC Trouble ☐☐☐

Aux Sup Trouble ☐☐☐

Battery Restoral ☐☐☐

AC Restore ☐☐☐

Aux Sup Restore ☐☐☐

- 16th 4204 (0) ► (04) ► (3) ► (12) ► (16)

Battery Trouble

Battery Restoral

AC Trouble

AC Restore

Aux Sup Trouble

Aux Sup Restore

■ **4400 Mod Maint** (0) ► (04) ► (3) ► (13)

RS232 Trouble

RS232 Restore

■ **2nd Master Close** (0) ► (04) ► (3) ► (14)

■ **2nd Master Open** (0) ► (04) ► (3) ► (15)

Links Module (0) ► (04) ► (4)

■ **1st Number** (31 digits max.) (0) ► (04) ► (4) ► (0)

■ **2nd Number** (31 digits max.) (0) ► (04) ► (4) ► (1)

■ **3rd Number** (31 digits max.) (0) ► (04) ► (4) ► (2)

■ **DLS Number** (31 digits max.) (0) ► (04) ► (4) ► (3)

■ **Links Toggles** (0) ► (04) ► (4) ► (4)

Default

Links Module No Yes/No

Periodic Tx No Yes/No

Zone 1 Supervisory No Yes/No

Zone 2 Answer No Yes/No

■ **Tx Cycle Days** (000 - 255) 030 (0) ► (04) ► (4) ► (5)

■ **Tx Cycle Time** (HH:MM) 0000 (0) ► (04) ► (4) ► (6)

Switched Auxiliary Output (Main Board) (0) ► (05) ► (00)→(27)

Default

■ SW AUX OUTPUT (00-27)

List of Output Options:

[00] Fire and Burg
[01] Inv Fire/Burg
[02] Burg Only
[03] Inv Burg Only
[04] Fire Only
[05] Inv Fire Only
[06] Utility Output

[07] Sensor Reset

[07] Sensor Reset
[08] Partition Status
[09] Latched Strobe
[10] Trouble Output
[11] Courtesy Pulse
[12] Chime Follower
[13] TLM Only

□ □ □

[14] TLM and Alarm
[15] Failure to Comm
[16] Comms Active
[17] Ground Start
[18] Kissoff Output
[19] COMBUS Power
[20] Ready Status

[21] Zone Alarm
[22] Zone Follow
[23] Duress Output
[24] Buzzer Follow
[25] Remote Operation
[26] Exit Follow
[27] Entry Follow

■ Partition?

1 2 3 4 5 6 7 8
Y N N N N N N N

1 2 3 4 5 6 7 8
□ □ □ □ □ □ □ □

■ Zone?

[001 - 128]

□ □ □ □

Bell (Main Board) (0) ► (06) ► (00)→(27)

Default

■ Main Bell Output (00-27)

List of Output Options:

[00] Fire and Burg
[01] Inv Fire/Burg
[02] Burg Only
[03] Inv Burg Only
[04] Fire Only
[05] Inv Fire Only
[06] Utility Output

[07] Sensor Reset
[08] Partition Status
[09] Latched Strobe
[10] Trouble Output
[11] Courtesy Pulse
[12] Chime Follower
[13] TLM Only

[14] TLM and Alarm
[15] Failure to Comm
[16] Comms Active
[17] Ground Start
[18] Kissoff Output
[19] COMBUS Power
[20] Ready Status

[21] Zone Alarm
[22] Zone Follow
[23] Duress Output
[24] Buzzer Follow
[25] Remote Operation
[26] Exit Follow
[27] Entry Follow

■ Partition?

1 2 3 4 5 6 7 8
Y N N N N N N N

1 2 3 4 5 6 7 8
□ □ □ □ □ □ □ □

■ Zone?

[001 - 128]

□ □ □ □

Pgm Outputs

Default

■ Main PGM Output (00-27)

List of Output Options:

[00] Fire and Burg
[01] Inv Fire/Burg
[02] Burg Only
[03] Inv Burg Only
[04] Fire Only
[05] Inv Fire Only
[06] Utility Output

[07] Sensor Reset
[08] Partition Status
[09] Latched Strobe
[10] Trouble Output
[11] Courtesy Pulse
[12] Chime Follower
[13] TLM Only

[14] TLM and Alarm
[15] Failure to Comm
[16] Comms Active
[17] Ground Start
[18] Kissoff Output
[19] COMBUS Power
[20] Ready Status

[21] Zone Alarm
[22] Zone Follow
[23] Duress Output
[24] Buzzer Follow
[25] Remote Operation
[26] Exit Follow
[27] Entry Follow

■ Partition?

1 2 3 4 5 6 7 8
Y N N N N N N N

1 2 3 4 5 6 7 8
□ □ □ □ □ □ □ □

■ Zone?

[001 - 128]

□ □ □ □

■ 4204 Options (0) ► (07) ► (1) ► (01)→(16)

01		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

02		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

03		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

04		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

05		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

06		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

07		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

08		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

09		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

10		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

List of Output Options:

[00] Fire and Burg
 [01] Inv Fire/Burg
 [02] Burg Only
 [03] Inv Burg Only
 [04] Fire Only
 [05] Inv Fire Only
 [06] Utility Output

[07] Sensor Reset
 [08] Partition Status
 [09] Latched Strobe
 [10] Trouble Output
 [11] Courtesy Pulse
 [12] Chime Follower
 [13] TLM Only

[14] TLM and Alarm
 [15] Failure to Comm
 [16] Comms Active
 [17] Ground Start
 [18] Kissoff Output
 [19] COMBUS Power
 [20] Ready Status

[21] Zone Alarm
 [22] Zone Follow
 [23] Duress Output
 [24] Buzzer Follow
 [25] Remote Operation
 [26] Exit Follow
 [27] Entry Follow

11		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

12		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

13		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

14		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

15		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

16		Partition								Zone
No.	Output	1	2	3	4	5	6	7	8	
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

List of Output Options:

[00] Fire and Burg	[07] Sensor Reset	[14] TLM and Alarm	[21] Zone Alarm
[01] Inv Fire/Burg	[08] Partition Status	[15] Failure to Comm	[22] Zone Follow
[02] Burg Only	[09] Latched Strobe	[16] Comms Active	[23] Duress Output
[03] Inv Burg Only	[10] Trouble Output	[17] Ground Start	[24] Buzzer Follow
[04] Fire Only	[11] Courtesy Pulse	[18] Kissoff Output	[25] Remote Operation
[05] Inv Fire Only	[12] Chime Follower	[19] COMBUS Power	[26] Exit Follow
[06] Utility Output	[13] TLM Only	[20] Ready Status	[27] Entry Follow

■ 4216 Options (0) ► (07) ► (2) ► (1)→(9)

Module	Output	Module	Output	Module	Output
01	☐	04	☐	07	☐
02	☐	05	☐	08	☐
03	☐	06	☐	09	☐

List of Output Options:

[01] Custom Group 1	[06] Custom Group 6	[11] Alarms 17-32	[16] Alarms 97-112	[21] Follow 49-64
[02] Custom Group 2	[07] Custom Group 7	[12] Alarms 33-48	[17] Alarms 113-128	[22] Follow 65-80
[03] Custom Group 3	[08] Custom Group 8	[13] Alarms 49-64	[18] Follow 1-16	[23] Follow 81-96
[04] Custom Group 4	[09] Custom Group 9	[14] Alarms 65-80	[19] Follow 17-32	[24] Follow 97-112
[05] Custom Group 5	[10] Alarms 1-16	[15] Alarms 81-96	[20] Follow 33-48	[25] Follow 113-128

■ **4216 Custom** (0) ► (07) ► (3) ► (01)→(09)

Custom Group 01

Number	Output	1	2	3	4	5	6	7	8	Zone
01	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
02	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
03	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
04	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
05	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
06	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
07	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
08	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Number	Output	1	2	3	4	5	6	7	8	Zone
09	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
10	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
11	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
12	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
13	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
14	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
15	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
16	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Custom Group 02

Number	Output	1	2	3	4	5	6	7	8	Zone
01	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
02	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
03	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
04	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
05	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
06	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
07	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
08	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Number	Output	1	2	3	4	5	6	7	8	Zone
09	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
10	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
11	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
12	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
13	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
14	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
15	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
16	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

List of Output Options:

[00] Fire and Burg
 [01] Inv Fire/Burg
 [02] Burg Only
 [03] Inv Burg Only
 [04] Fire Only
 [05] Inv Fire Only
 [06] Utility Output

[07] Sensor Reset
 [08] Partition Status
 [09] Latched Strobe
 [10] Trouble Output
 [11] Courtesy Pulse
 [12] Chime Follower
 [13] TLM Only

[14] TLM and Alarm
 [15] Failure to Comm
 [16] Comms Active
 [17] Ground Start
 [18] Kissoff Output
 [19] COMBUS Power
 [20] Ready Status

[21] Zone Alarm
 [22] Zone Follow
 [23] Duress Output
 [24] Buzzer Follow
 [25] Remote Operation
 [26] Exit Follow
 [27] Entry Follow

Custom Group 03

Number	Output	1	2	3	4	5	6	7	8	Zone
01	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
02	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
03	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
04	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
05	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
06	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
07	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
08	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Number	Output	1	2	3	4	5	6	7	8	Zone
09	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
10	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
11	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
12	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
13	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
14	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
15	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
16	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Custom Group 04

Number	Output	1	2	3	4	5	6	7	8	Zone
01	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
02	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
03	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
04	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
05	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
06	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
07	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
08	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Number	Output	1	2	3	4	5	6	7	8	Zone
09	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
10	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
11	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
12	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
13	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
14	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
15	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
16	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

List of Output Options:

[00] Fire and Burg
 [01] Inv Fire/Burg
 [02] Burg Only
 [03] Inv Burg Only
 [04] Fire Only
 [05] Inv Fire Only
 [06] Utility Output

[07] Sensor Reset
 [08] Partition Status
 [09] Latched Strobe
 [10] Trouble Output
 [11] Courtesy Pulse
 [12] Chime Follower
 [13] TLM Only

[14] TLM and Alarm
 [15] Failure to Comm
 [16] Comms Active
 [17] Ground Start
 [18] Kissoff Output
 [19] COMBUS Power
 [20] Ready Status

[21] Zone Alarm
 [22] Zone Follow
 [23] Duress Output
 [24] Buzzer Follow
 [25] Remote Operation
 [26] Exit Follow
 [27] Entry Follow

Custom Group 05

Number	Output	1	2	3	4	5	6	7	8	Zone
01	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
02	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
03	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
04	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
05	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
06	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
07	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
08	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Number	Output	1	2	3	4	5	6	7	8	Zone
09	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
10	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
11	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
12	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
13	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
14	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
15	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
16	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Custom Group 06

Number	Output	1	2	3	4	5	6	7	8	Zone
01	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
02	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
03	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
04	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
05	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
06	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
07	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
08	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Number	Output	1	2	3	4	5	6	7	8	Zone
09	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
10	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
11	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
12	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
13	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
14	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
15	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
16	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

List of Output Options:

[00] Fire and Burg
 [01] Inv Fire/Burg
 [02] Burg Only
 [03] Inv Burg Only
 [04] Fire Only
 [05] Inv Fire Only
 [06] Utility Output

[07] Sensor Reset
 [08] Partition Status
 [09] Latched Strobe
 [10] Trouble Output
 [11] Courtesy Pulse
 [12] Chime Follower
 [13] TLM Only

[14] TLM and Alarm
 [15] Failure to Comm
 [16] Comms Active
 [17] Ground Start
 [18] Kissoff Output
 [19] COMBUS Power
 [20] Ready Status

[21] Zone Alarm
 [22] Zone Follow
 [23] Duress Output
 [24] Buzzer Follow
 [25] Remote Operation
 [26] Exit Follow
 [27] Entry Follow

Custom Group 07

Number	Output	1	2	3	4	5	6	7	8	Zone
01	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
02	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
03	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
04	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
05	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
06	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
07	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
08	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Number	Output	1	2	3	4	5	6	7	8	Zone
09	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
10	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
11	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
12	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
13	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
14	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
15	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
16	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Custom Group 08

Number	Output	1	2	3	4	5	6	7	8	Zone
01	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
02	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
03	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
04	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
05	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
06	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
07	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
08	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Number	Output	1	2	3	4	5	6	7	8	Zone
09	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
10	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
11	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
12	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
13	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
14	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
15	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
16	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

List of Output Options:

[00] Fire and Burg
 [01] Inv Fire/Burg
 [02] Burg Only
 [03] Inv Burg Only
 [04] Fire Only
 [05] Inv Fire Only
 [06] Utility Output

[07] Sensor Reset
 [08] Partition Status
 [09] Latched Strobe
 [10] Trouble Output
 [11] Courtesy Pulse
 [12] Chime Follower
 [13] TLM Only

[14] TLM and Alarm
 [15] Failure to Comm
 [16] Comms Active
 [17] Ground Start
 [18] Kissoff Output
 [19] COMBUS Power
 [20] Ready Status

[21] Zone Alarm
 [22] Zone Follow
 [23] Duress Output
 [24] Buzzer Follow
 [25] Remote Operation
 [26] Exit Follow
 [27] Entry Follow

Custom Group 09

Number	Output	1	2	3	4	5	6	7	8	Zone
01	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
02	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
03	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
04	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
05	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
06	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
07	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
08	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Number	Output	1	2	3	4	5	6	7	8	Zone
09	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
10	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
11	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
12	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
13	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
14	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
15	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
16	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

List of Output Options:

[00] Fire and Burg
[01] Inv Fire/Burg
[02] Burg Only
[03] Inv Burg Only
[04] Fire Only
[05] Inv Fire Only
[06] Utility Output

[07] Sensor Reset
[08] Partition Status
[09] Latched Strobe
[10] Trouble Output
[11] Courtesy Pulse
[12] Chime Follower
[13] TLM Only

[14] TLM and Alarm
[15] Failure to Comm
[16] Comms Active
[17] Ground Start
[18] Kisoﬀ Output
[19] COMBUS Power
[20] Ready Status

[21] Zone Alarm
[22] Zone Follow
[23] Duress Output
[24] Buzzer Follow
[25] Remote Operation
[26] Exit Follow
[27] Entry Follow

PGM Pulse Times (000 - 255 secs.) (0) ► (07) ► (4)

Default

Utility/Sensor	005	☐
Kisoﬀ Output	003	☐
Ground Start	002	☐
Chime Pulse	002	☐

(0) ► (07) ► (4) ► (0)
(0) ► (07) ► (4) ► (1)
(0) ► (07) ► (4) ► (2)
(0) ► (07) ► (4) ► (3)

RS232 Options (0) ► (08)

Default

Baud Rate (0) ► (08) ► (0) 1200

☐ 300 (0) ► (08) ► (0) ► (0)
☐ 600 (0) ► (08) ► (0) ► (1)
☐ 1200 (0) ► (08) ► (0) ► (2)
☐ 2400 (0) ► (08) ► (0) ► (3)

Handshake (0) ► (08) ► (1) Default

Handshake Off No Yes/No ☐

System Label (0) ► (09)

Default

S y s t e m A r e a

Customer ID Code

Default

■ Partition 1 I.D. Code	FFFF		(1) ▶ (0) ▶ (1) ▶ (0)
■ Partition 2 I.D. Code	FFFF		(1) ▶ (0) ▶ (2) ▶ (0)
■ Partition 3 I.D. Code	FFFF		(1) ▶ (0) ▶ (3) ▶ (0)
■ Partition 4 I.D. Code	FFFF		(1) ▶ (0) ▶ (4) ▶ (0)
■ Partition 5 I.D. Code	FFFF		(1) ▶ (0) ▶ (5) ▶ (0)
■ Partition 6 I.D. Code	FFFF		(1) ▶ (0) ▶ (6) ▶ (0)
■ Partition 7 I.D. Code	FFFF		(1) ▶ (0) ▶ (7) ▶ (0)
■ Partition 8 I.D. Code	FFFF		(1) ▶ (0) ▶ (8) ▶ (0)

Par Toggles

Default

	Partition								Partition							
(1) ▶ (0) ▶ (1)→(8) ▶ (1)	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
■ [F] Enabled	Y	Y	Y	Y	Y	Y	Y	Y								
■ [A] Enabled	Y	Y	Y	Y	Y	Y	Y	Y								
■ [P] Enabled	Y	Y	Y	Y	Y	Y	Y	Y								
■ Display Clock	Y	Y	Y	Y	Y	Y	Y	Y								
■ Disp Exit Time	Y	Y	Y	Y	Y	Y	Y	Y								
■ Bypass Req Code	Y	Y	Y	Y	Y	Y	Y	Y								
■ Autoarm Enab	Y	Y	Y	Y	Y	Y	Y	Y								
■ Abort Req Code	N	N	N	N	N	N	N	N								
■ Auto Arm Squawk	N	N	N	N	N	N	N	N								
■ Bell Squawk On	N	N	N	N	N	N	N	N								
■ Kypd Lockout?	N	N	N	N	N	N	N	N								
■ Util Req Code	N	N	N	N	N	N	N	N								
■ Sen Res Req CD	N	N	N	N	N	N	N	N								
■ User FN Any CD	N	N	N	N	N	N	N	N								
■ Aud.Exit Urgen	N	N	N	N	N	N	N	N								
■ Squawk Ex.Del	N	N	N	N	N	N	N	N								
■ Aud.Exit Fault	N	N	N	N	N	N	N	N								
■ Urg.Entry Del	N	N	N	N	N	N	N	N								
■ Squawk En.Del	N	N	N	N	N	N	N	N								

Partition Times

(000-255 secs.)	Default	Par1	Par 2	Par 3	Par 4	Par 5	Par 6	Par 7	Par 8
▪ Entry Delay	030								
(1) ▶ (0) ▶ (1)→(8) ▶ (2) ▶ (0)									
▪ Exit Delay	120								
(1) ▶ (0) ▶ (1)→(8) ▶ (2) ▶ (1)									
▪ Aux Entry Delay	045								
(1) ▶ (0) ▶ (1)→(8) ▶ (2) ▶ (2)									
▪ Aux Exit Delay	120								
(1) ▶ (0) ▶ (1)→(8) ▶ (2) ▶ (3)									

Partition Labels

▪ Partition 1 Name Label		(1) ▶ (0) ▶ (1) ▶ (4)
▪ Partition 2 Name Label		(1) ▶ (0) ▶ (2) ▶ (4)
▪ Partition 3 Name Label		(1) ▶ (0) ▶ (3) ▶ (4)
▪ Partition 4 Name Label		(1) ▶ (0) ▶ (4) ▶ (4)
▪ Partition 5 Name Label		(1) ▶ (0) ▶ (5) ▶ (4)
▪ Partition 6 Name Label		(1) ▶ (0) ▶ (6) ▶ (4)
▪ Partition 7 Name Label		(1) ▶ (0) ▶ (7) ▶ (4)
▪ Partition 8 Name Label		(1) ▶ (0) ▶ (8) ▶ (4)

SYSTEM OVERVIEW

Main Panel	Physical Location

Keypad	Global		Physical Location of Module
	Partition	Keypad	
01			
02			
03			
04			
05			
06			
07			
08			

Keypad	Global		Physical Location of Module
	Partition	Keypad	
09			
10			
11			
12			
13			
14			
15			
16			

Expander	Zones	Type	Physical Location of Module
	Assigned	8 16	
01			
02			
03			
04			
05			
06			
07			

Expander	Zones	Type	Physical Location of Module
	Assigned	8 16	
08			
09			
10			
11			
12			
13			
14			

PC4400 Physical Location of Module

--

PC4204 Physical Location of Module

01	<table border="1"><tr><td></td></tr></table>	
02	<table border="1"><tr><td></td></tr></table>	
03	<table border="1"><tr><td></td></tr></table>	
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Physical Location of Module

09	<table border="1"><tr><td></td></tr></table>	
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PC4216 Physical Location of Module

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Physical Location of Module

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09	<table border="1"><tr><td></td></tr></table>	

APPENDIX

List of Diagnostics

E = Communication error
T = Tamper open
LV = Low voltage to module

Indicated # Number	For Future Use
-----------------------	----------------

1
2
3
4
5
6
7
8

Indicated Number	LCD4500 Module #
---------------------	---------------------

9 1
10 2
11 3
12 4
13 5
14 6
15 7
16 8
17 9
18 10
19 11
20 12
21 13
22 14
23 15
24 16

Indicated Number	PC4400 RS-232 Module #
---------------------	---------------------------

25 1

Indicated Number	PC41XX Zone Module #
---------------------	-------------------------

26 1
27 2
28 3
29 4
30 5
31 6
32 7
33 8
34 9
35 10
36 11
37 12
38 13
39 14
40 For future use 15
41 For future use 16

Indicated Number	PC4216 O/P Module #
---------------------	------------------------

42 1
43 2
44 3
45 4
46 5
47 6
48 7
49 8
50 9

Indicated Number	PC4204 O/P Module #
---------------------	------------------------

51 1
52 2
53 3
54 4
55 5
56 6
57 7
58 8
59 9
60 10
61 11
62 12
63 13
64 14
65 15
66 16