PROGRAMMING THE PC4000

The PC4000 incorporates a new method of programming not similar to any previous DSC panel. The new method uses a menu system to arrive at a program location before data may be entered.

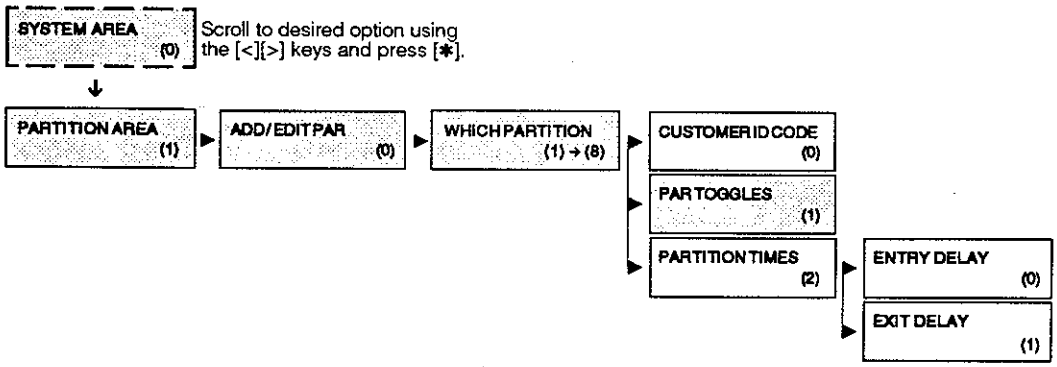
Book 1 contains the programming flow charts for the PC4000. The charts are arranged in such a way as to allow you to quickly find any option and the path required to arrive at the program location. In addition you will be able to see other options also available to you in the program area.

Boxes that are single-lined are program areas and boxes that are double-lined 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 1.



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 you 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 PC4000 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 1	2	3	4	5	6	7	8	Zone Label	Zone Type	Alarm Code	Trouble Code	Restoral Code	Audible	Pulsed	Bypassable	Chime	Force Armable	Shut Downable	TX Delay
Z1																				
Z2																				
Z3																				
Z4																				
Z5																				
Z6																				
Z7																				
Z8																				
Z9																				
Z10																				
Z11																				
Z12																				
Z13																				
Z14																				
Z15																				
Z16																				

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)
Alarm Code (0) ▶ (05) ▶ (3) ▶ (00)
Trouble Code (0) ▶ (05) ▶ (3) ▶ (01)
Restoral Code (0) ▶ (05) ▶ (3) ▶ (02)
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)
Shut Downable (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 0 0 0 _ _ _ _
- GRAND MASTER CODE (0) ▶ (00) ▶ (1)
  1 2 3 4 _ _ _ _
- 2ND GRAND MASTER CODE (0) ▶ (00) ▶ (2)
  A A A A _ _ _ _

LCD Messages

- CUSTOM ZONE ID (0) ▶ (01) ▶ (0) ▶ (224)→(255)

224		240	
225		241	
226		242	
227		243	
228		244	
229		245	
230		246	
231		247	
232		248	
233		249	
234		250	
235		251	
236		252	
237		253	
238		254	
239		255	

- FAIL TO ARM EVENT MESSAGE (0) ▶ (01) ▶ (1) ▶ (0)
  Default
  F a i l t o a r m _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
  m e s s a g e _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

- ALARM WHEN ARMED EVENT MESSAGE (0) ▶ (01) ▶ (1) ▶ (1)
  Default
  A l a r m w h i l e _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
  a r m e d _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

Code Assignment

	Default		
▪ SYSTEM MASTER CODES	001	___	(0) ▶ (02) ▶ (0)
▪ PARTITION 1 CODES	127	___	(0) ▶ (02) ▶ (1)
▪ PARTITION 2 CODES	000	___	(0) ▶ (02) ▶ (2)
▪ PARTITION 3 CODES	000	___	(0) ▶ (02) ▶ (3)
▪ PARTITION 4 CODES	000	___	(0) ▶ (02) ▶ (4)
▪ PARTITION 5 CODES	000	___	(0) ▶ (02) ▶ (5)
▪ PARTITION 6 CODES	000	___	(0) ▶ (02) ▶ (6)
▪ PARTITION 7 CODES	000	___	(0) ▶ (02) ▶ (7)
▪ PARTITION 8 CODES	000	___	(0) ▶ (02) ▶ (8)

System Toggle Options (0) ▶ (03) ▶ (0)

	Default			Default	
▪ ZONES EOL	Yes	Yes/No ___	▪ DC INHIBIT ARM	No	Yes/No ___
▪ CHANGE SYS MAS	Yes	Yes/No ___	▪ ALARMS DISP	No	Yes/No ___
▪ POWER UP SHUNT	Yes	Yes/No ___	▪ BYPASS DISP	No	Yes/No ___
▪ AC TBL DISP	Yes	Yes/No ___	▪ VIEW PARTNS	Yes	Yes/No ___
▪ 60 HZ LINE	Yes	Yes/No ___	▪ AUTOARM SQUAWK	No	Yes/No ___
▪ AC INHIBIT ARM	No	Yes/No ___	▪ BELL SHUT DOWN	Yes	Yes/No ___

Keypad Toggle Options (0) ▶ (03) ▶ (1)

	Default			Default	
▪ [F] BELL	Yes	Yes/No ___	▪ [E] 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 ___
▪ [E] SIL BELL	Yes	Yes/No ___	▪ [P] SILENT BUZ	Yes	Yes/No ___
▪ [E] STDY BELL	Yes	Yes/No ___			

Keypad Lockout Options

	Default		
▪ TOTAL BAD CODES (000-255)	005	___	(0) ▶ (03) ▶ (2) ▶ (0)
▪ LOCKOUT DURATION (000-255 mins.)	015	___	(0) ▶ (03) ▶ (2) ▶ (1)
▪ LOCKOUT REPORTING CODE	FF	___	(0) ▶ (03) ▶ (2) ▶ (2)

System Times

	Default		
▪ ZONE RESPONSE (000-255 x 100ms)	005 (500ms)	___	(0) ▶ (03) ▶ (3) ▶ (1)
▪ BELL CUTOFF (000-255 mins.)	001	___	(0) ▶ (03) ▶ (3) ▶ (2)

Downloading (0) ▶ (04) ▶ (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			
SET CYCLE DAYS (000-255 days)	030	☐☐☐	(0) ▶ (04) ▶ (1) ▶ (0)
SET 24HR TIME (HH:MM)	0000	☐☐☐☐	(0) ▶ (04) ▶ (1) ▶ (1)

■ PHONE NUMBER (31 digits max.) (0) ▶ (04) ▶ (2)

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

■ PANEL ID CODE	4901	☐☐☐☐	(0) ▶ (04) ▶ (3)
■ ACCESS CODE	4900	☐☐☐☐	(0) ▶ (04) ▶ (4)
■ 2 CALL TIMER (000-255 secs.)	060	☐☐☐	(0) ▶ (04) ▶ (5)
■ # OF RINGS (000-255)	008	☐☐☐	(0) ▶ (04) ▶ (6)

Communicator

■ 1ST PHONE NUMBER (31 digits max.) (0) ▶ (05) ▶ (0) ▶ (0) ▶ (0)

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

	Default		
■ FORMAT (00-17)	[01] 20 Bps 2300	☐☐	(0) ▶ (05) ▶ (0) ▶ (0) ▶ (1) ▶ (00)→(17)

Possible Selections

(00) 10 Bps 1400 - Silent Knight, Ademco Slow
(01) 20 Bps 2300 - Sescoa, 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 - Sescoa, 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) Sescoa Super Speed
(16) Sescoa Super Speed ID
(17) DTMF Contact ID

- DIAL DIRECTION (0) ▶ (05) ▶ (0) ▶ (0) ▶ (2)

	Default	
ALARM/RESTORE	Yes	Yes/No ☐
OPEN/CLOSE	Yes	Yes/No ☐
ALL OTHERS	Yes	Yes/No ☐

- 2ND PHONE NUMBER (31 digits max.) (0) ▶ (05) ▶ (0) ▶ (1) ▶ (0)

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

- FORMAT (00-17) Default
  (0) ▶ (05) ▶ (0) ▶ (1) ▶ (1) ▶ (00)→(17) [01] 20 Bps 2300 ☐☐ *

- DIAL DIRECTION (0) ▶ (05) ▶ (0) ▶ (1) ▶ (2)

ALARM/RESTORE	No	Yes/No ☐
OPEN/CLOSE	No	Yes/No ☐
ALL OTHERS	No	Yes/No ☐

- 3RD PHONE NUMBER (31 digits max.) (0) ▶ (05) ▶ (0) ▶ (2) ▶ (0)

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- FORMAT (00-17) Default
  (0) ▶ (05) ▶ (0) ▶ (2) ▶ (1) ▶ (00)→(17) [01] 20 Bps 2300 ☐☐ *

- DIAL DIRECTION (0) ▶ (05) ▶ (0) ▶ (2) ▶ (2)

ALARM/RESTORE	No	Yes/No ☐
OPEN/CLOSE	No	Yes/No ☐
ALL OTHERS	No	Yes/No ☐

* Possible Selections

(00) 10 Bps 1400 - Silent Knight, Ademco Slow
(01) 20 Bps 2300 - Sescoa, 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 - Sescoa, 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) Sescoa Super Speed
(16) Sescoa Super Speed ID
(17) DTMF Contact ID

	Default		
■ SYSTEM I.D. CODE	FFFF	⌊_⌊_⌊_⌊_⌋	(0) ▶ (05) ▶ (0) ▶ (3)
■ COMMS ENABLED	Yes	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ DTMF DIALING	Yes	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ RESTORE ON BTO	Yes	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ REST ON DISARM	No	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ SHUT DOWN 24HRS	No	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ PC ID	No	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ PC ON AUTO ARM	Yes	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ TLM ENABLED	Yes	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ TLM AUD BELL	Yes	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ PERIODIC TX?	No	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ DEFAULT DIAL	Yes	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ PH 1-2 BACKUP	No	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ PH 1-3 BACKUP	No	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ PH 2-3 BACKUP	No	Yes/No ⌊_⌋	(0) ▶ (05) ▶ (1)
■ DTMF ATTEMPTS (000-255)	002	⌊_⌊_⌊_⌋	(0) ▶ (05) ▶ (2) ▶ (0)
■ SWINGER LIMIT (000-255)	003	⌊_⌊_⌊_⌋	(0) ▶ (05) ▶ (2) ▶ (1)
■ AC FAIL TX DELAY (000-255 mins.)	030	⌊_⌊_⌊_⌋	(0) ▶ (05) ▶ (2) ▶ (2)
■ ZONE TX DELAY (000-255 secs.)	000	⌊_⌊_⌊_⌋	(0) ▶ (05) ▶ (2) ▶ (3)
■ TEST CODE TX CYCLE DAYS (000-255 days)	030	⌊_⌊_⌊_⌋	(0) ▶ (05) ▶ (2) ▶ (4) ▶ (0)
■ TEST CODE TX 24 HR TIME (HH:MM)	00:00	⌊_⌊_⌊_⌊_⌋	(0) ▶ (05) ▶ (2) ▶ (4) ▶ (1)

Reporting Codes

- LCD-4500 KEYPAD TAMPER ALARMS (0) ▶ (05) ▶ (3) ▶ (03) ▶ (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 ___

- LCD-4500 KEYPAD TAMPER RESTORALS (0) ▶ (05) ▶ (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 ___

- [F] [E] [P] KEYS (0) ▶ (05) ▶ (3) ▶ (05)

[F] KEY ALARM ___	[F] KEY RESTORE ___
[E] KEY ALARM ___	[E] KEY RESTORE ___
[P] KEY ALARM ___	[P] KEY RESTORE ___

■ CLOSINGS (0) ▶ (05) ▶ (3) ▶ (06)

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 20CLOSING	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 30CLOSING	USER 62 CLOSING	USER 94 CLOSING	USER126 CLOSING
USER 31 CLOSING	USER 63 CLOSING	USER 95 CLOSING	USER127 CLOSING
USER 32 CLOSING	USER 64 CLOSING	USER 96 CLOSING	USER 128 CLOSING

■ MISC CLOSINGS (0) ▶ (05) ▶ (3) ▶ (07)

QUICK ARM	PARTIAL CLOSING	AUTOARM CLOSING	KEYPAD LOCK OUT

■ OPENINGS (0) ▶ (05) ▶ (3) ▶ (08)

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	USER126 OPENING
USER 31 OPENING	USER 63 OPENING	USER 95 OPENING	USER127 OPENING
USER 32 OPENING	USER 64 OPENING	USER 96 OPENING	USER 128 OPENING

■ MISC OPENING (0) ▶ (05) ▶ (3) ▶ (09)

OPEN AFTER ALARM

■ SYSTEM MAINT (0) ▶ (05) ▶ (3) ▶ (10)

BATTERY TROUBLE	___	TLM RESTORAL	___
AC LINE TROUBLE	___	FTC RESTORAL	___
MAIN BELL TROUB	___	PERIODIC TEST	___
MAIN AUX TROUB	___	BUF NEAR FULL	___
BATTERY RESTORE	___	USER SYSTEM TEST	___
AC LINE RESTORE	___	DLS LEAD IN	___
MAIN BELL REST	___	DLS TRAIL OUT	___
MAIN AUX REST	___	INS LEAD IN	___
COMBUS TROUBLE	___	INS TRAIL OUT	___
COMBUS RESTORE	___		

Switched Auxiliary Output (Main Board) (0) ▶ (06) ▶ (00)→(20)

	Default	
■ (00-20)	[07] SENSOR RESET	___

Possible Selections

[00] FIRE AND BURG	[06] UTILITY OUTPUT	[11] COURTESY PULSE	[16] COMMS ACTIVE
[01] INV FIRE/BURG	[07] SENSOR RESET	[12] CHIME FOLLOWER	[17] GROUND START
[02] BURG ONLY	[08] PARTITION STATUS	[13] TLM ONLY	[18] KISSOFF OUTPUT
[03] INV BURG ONLY	[09] LATCHED STROBE	[14] TLM AND ALARM	[19] COMBUS POWER
[04] FIRE ONLY	[10] TROUBLE OUTPUT	[15] FAILURE TO COMM	[20] READY STATUS
[05] INV FIRE ONLY			

■ Partition?	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
	Y Y Y Y Y Y Y Y	_____

Bell (Main Board) (0) ▶ (07) ▶ (00)→(20)

■ (00-20)	[00] FIRE AND BURG	___

Possible Selections

[00] FIRE AND BURG	[06] UTILITY OUTPUT	[11] COURTESY PULSE	[16] COMMS ACTIVE
[01] INV FIRE/BURG	[07] SENSOR RESET	[12] CHIME FOLLOWER	[17] GROUND START
[02] BURG ONLY	[08] PARTITION STATUS	[13] TLM ONLY	[18] KISSOFF OUTPUT
[03] INV BURG ONLY	[09] LATCHED STROBE	[14] TLM AND ALARM	[19] COMBUS POWER
[04] FIRE ONLY	[10] TROUBLE OUTPUT	[15] FAILURE TO COMM	[20] READY STATUS
[05] INV FIRE ONLY			

■ Partition?	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
	Y Y Y Y Y Y Y Y	_____

Pgm Outputs

Default

- MAIN PGM OUTPUT (00-20) [06] UTILITY OUTPUT ___ (0) ▶ (08) ▶ (0) ▶ (00)→(20)

Possible Selections

[00] FIRE AND BURG	[06] UTILITY OUTPUT	[11] COURTESY PULSE	[16] COMMS ACTIVE
[01] INV FIRE/BURG	[07] SENSOR RESET	[12] CHIME FOLLOWER	[17] GROUND START
[02] BURG ONLY	[08] PARTITION STATUS	[13] TLM ONLY	[18] KISSOFF OUTPUT
[03] INV BURG ONLY	[09] LATCHED STROBE	[14] TLM AND ALARM	[19] COMBUS POWER
[04] FIRE ONLY	[10] TROUBLE OUTPUT	[15] FAILURE TO COMM	[20] READY STATUS
[05] INV FIRE ONLY			

- PARTITION?

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

- 4216 CUSTOM PGM OUTPUTS (0) ▶ (08) ▶ (3) ▶ (01)→(16) ▶ (00)→(20)

Default

	Option	Partition 1	2	3	4	5	6	7	8	Option	Partition 1	2	3	4	5	6	7	8
OUTPUT 1	00	Y	N	N	N	N	N	N	N									
OUTPUT 2	00	N	Y	Y	N	N	N	N	N									
OUTPUT 3	01	Y	Y	Y	N	N	N	N	N									
OUTPUT 4	02	Y	Y	Y	N	N	N	N	N									
OUTPUT 5	03	Y	Y	Y	N	N	N	N	N									
OUTPUT 6	04	Y	Y	Y	N	N	N	N	N									
OUTPUT 7	05	Y	Y	Y	N	N	N	N	N									
OUTPUT 8	09	Y	Y	Y	N	N	N	N	N									
OUTPUT 9	07	Y	N	N	N	N	N	N	N									
OUTPUT 10	07	N	Y	N	N	N	N	N	N									
OUTPUT 11	07	N	N	Y	N	N	N	N	N									
OUTPUT 12	06	Y	N	N	N	N	N	N	N									
OUTPUT 13	06	N	Y	Y	N	N	N	N	N									
OUTPUT 14	08	Y	N	N	N	N	N	N	N									
OUTPUT 15	08	N	Y	N	N	N	N	N	N									
OUTPUT 16	08	N	N	Y	N	N	N	N	N									

Possible Selections

[00] FIRE AND BURG	[06] UTILITY OUTPUT	[11] COURTESY PULSE	[16] COMMS ACTIVE
[01] INV FIRE/BURG	[07] SENSOR RESET	[12] CHIME FOLLOWER	[17] GROUND START
[02] BURG ONLY	[08] PARTITION STATUS	[13] TLM ONLY	[18] KISSOFF OUTPUT
[03] INV BURG ONLY	[09] LATCHED STROBE	[14] TLM AND ALARM	[19] COMBUS POWER
[04] FIRE ONLY	[10] TROUBLE OUTPUT	[15] FAILURE TO COMM	[20] READY STATUS
[05] INV FIRE ONLY			

- PGM PULSE TIMES (000 - 255 secs.)

	Default		
UTILITY/SENSOR	005	___	(0) ▶ (08) ▶ (4) ▶ (0)
KISSOFF OUTPUT	003	___	(0) ▶ (08) ▶ (4) ▶ (1)
GROUND START	002	___	(0) ▶ (08) ▶ (4) ▶ (2)
CHIME PULSE	002	___	(0) ▶ (08) ▶ (4) ▶ (3)

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								
■ [E] 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								
■ BYPAS 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								
■ 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	Y	Y	Y	Y	Y	Y	Y	Y								

Partition Times

(000-255 secs.)	Default	Par1	Par 2	Par 3	Par 4	Par 5	Par 6	Par 7	Par 8
■ ENTRY DELAY (1) ▶ (0) ▶ (1)→(8) ▶ (2) ▶ (0)	030								
■ EXIT DELAY (1) ▶ (0) ▶ (1)→(8) ▶ (2) ▶ (1)	045								
■ AUX ENTRY DELAY (1) ▶ (0) ▶ (1)→(8) ▶ (2) ▶ (2)	045								
■ AUX EXIT DELAY (1) ▶ (0) ▶ (1)→(8) ▶ (2) ▶ (3)	045								

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

Keypad Number	Partition 1	2	3	4	5	6	7	8	Physical Location of Module
01									
02									
03									
04									
05									
06									
07									
08									

Keypad Number	Partition 1	2	3	4	5	6	7	8	Physical Location of Module
09									
10									
11									
12									
13									
14									
15									
16									

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

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

PC4400 Physical Location of module

PC4204	Physical Location of module	Output	Partition 1 2 3 4 5 6 7 8
01		#1	
		#2	
		#3	
		#4	
02		#1	
		#2	
		#3	
		#4	
03		#1	
		#2	
		#3	
		#4	
04		#1	
		#2	
		#3	
		#4	

PC4204	Physical Location of module	Output	Partition 1 2 3 4 5 6 7 8
05		#1	
		#2	
		#3	
		#4	
06		#1	
		#2	
		#3	
		#4	
07		#1	
		#2	
		#3	
		#4	
08		#1	
		#2	
		#3	
		#4	

List of Output Options:

[00] Burglary/Fire Output
[01] Inverted Burglary/Fire Output
[02] Burglary Output
[03] Inverted Burglary Output
[04] Fire Output
[05] Inverted Fire Output
[06] Utility Output
[07] Sensor Reset (Sw Aux)
[08] Partition Status
[09] Latched Strobe
[10] Trouble Output
[11] Courtesy Pulse
[12] Chime Follower
[13] TLM
[14] TLM and Alarm
[15] Failure to Comm
[16] Active Communicator
[17] Ground Start
[18] Kissoff Output
[19] COMBUS Power
[20] Ready Status

PC4204	Physical Location of module	Output	Partition 1 2 3 4 5 6 7 8
09		#1	
		#2	
		#3	
		#4	
10		#1	
		#2	
		#3	
		#4	
11		#1	
		#2	
		#3	
		#4	
12		#1	
		#2	
		#3	
		#4	

PC4204	Physical Location of module	Output	Partition 1 2 3 4 5 6 7 8
13		#1	
		#2	
		#3	
		#4	
14		#1	
		#2	
		#3	
		#4	
15		#1	
		#2	
		#3	
		#4	
16		#1	
		#2	
		#3	
		#4	

List of Output Options:

[00] Burglary/Fire Output
[01] Inverted Burglary/Fire Output
[02] Burglary Output
[03] Inverted Burglary Output
[04] Fire Output
[05] Inverted Fire Output
[06] Utility Output
[07] Sensor Reset (Sw Aux)
[08] Partition Status
[09] Latched Strobe
[10] Trouble Output
[11] Courtesy Pulse
[12] Chime Follower
[13] TLM
[14] TLM and Alarm
[15] Failure to Comm
[16] Active Communicator
[17] Ground Start
[18] Kissoff Output
[19] COMBUS Power
[20] Ready Status

Custom Program Array Outputs

	1	2	3	4	5	6	7	8
#01								
#02								
#03								
#04								
#05								
#06								
#07								
#08								
#09								
#10								
#11								
#12								
#13								
#14								
#15								
#16								

List of Output Options:

[00] Burglary/Fire Output
[01] Inverted Burglary/Fire Output
[02] Burglary Output
[03] Inverted Burglary Output
[04] Fire Output
[05] Inverted Fire Output
[06] Utility Output
[07] Sensor Reset (Sw Aux)
[08] Partition Status
[09] Latched Strobe
[10] Trouble Output
[11] Courtesy Pulse
[12] Chime Follower
[13] TLM
[14] TLM and Alarm
[15] Failure to Comm
[16] Active Communicator
[17] Ground Start
[18] Kissoff Output
[19] COMBUS Power
[20] Ready Status

PC4216

Module#	Physical Location of Module	Output	Module#	Physical Location of Module	Output	Module#	Physical Location of Module	Output
01			04			07		
02			05			08		
03			06			09		

List of Output Options:

1. 4216 Custom
2. Alarms 1-16
3. Alarms 17-32
4. Alarms 33-48
5. Alarms 49-64
6. Alarms 65-80
7. Alarms 81-96
8. Alarms 97-112
9. Alarms 113-128