Programming
Worksheets

DSC™
Power832™

PC5O16
Version 1.1

Table of Contents

Zone Assignment

PC5016 – Zone 1-16 Assignment

System Zone	Partition 1 2	Zone Label	Zone Type	Zone Attributes							
				Future Use	Tx Del.	Swing.	Force	Bypass	Chime	Steady/Pulsed	Audible/Silent
Zone 1											
Zone 2											
Zone 3											
Zone 4											
Zone 5											
Zone 6											
Zone 7											
Zone 8											
Zone 9											
Zone 10											
Zone 11											
Zone 12											
Zone 13											
Zone 14											
Zone 15											
Zone 16											

PC5016 – Zone 17-32 Assignment

Zone Attributes

	Zone 17	Zone 18	Zone 19	Zone 20	Zone 21	Zone 22	Zone 23	Zone 24	Zone 25	Zone 26	Zone 27	Zone 28	Zone 29	Zone 30	Zone 31	Zone 32
Future Use																
Tx Del.																
Swing.																
Force																
Bypass																
Chime																
Steady/Pulsed																
Audible/Silent																

Zone

Zone Label / Type

Partition 1, 2

System Zone

| Zone 17 | Zone 18 | Zone 19 | Zone 20 | Zone 21 | Zone 22 | Zone 23 | Zone 24 | Zone 25 | Zone 26 | Zone 27 | Zone 28 | Zone 29 | Zone 30 | Zone 31 | Zone 32 |

Keypad Programming

[000] Keypad Assignment (Section 2.6 "Keypad Assignment")

   NOTE: This must be done at each keypad requiring programming.

   [0] Partition and Slot [Valid entries are 0 (Global),1 and 2 for the Partition and 1-8 for the Slot]

   [1] Function Key 1 Assignment (Valid entries are 00-18)

   [2] Function Key 2 Assignment (Valid entries are 00-18)

   [3] Function Key 3 Assignment (Valid entries are 00-18)

   [4] Function Key 4 Assignment (Valid entries are 00-18)

   [5] Function Key 5 Assignment (Valid entries are 00-18)

00 Null Key (Not Used)	**07** [E][6][——][4] System Test	**13** [E][7][1] Utility Output
01 Select Partition 1	**08** [E][1] Bypass Mode	**14** [E][7][2] Sensor Reset
02 Select Partition 2	**09** [E][2] Trouble Display	**15** General Voice-prompted Help
03 Stay Arm	**10** [E][3] Alarm Memory	**16** [E][0] Quick Exit
04 Away Arm	**11** [E][5] User Programming	**17** [E][1] Reactivate Stay/Away's
05 [E][9] No-Entry Arm	**12** Global Arming (Away Arm)	**18** Identified Voice-prompted Help
06 [E][4] Chime On / Off		

	Partition and Slot (Address)	Function Key 1	Function Key 2	Function Key 3	Function Key 4	Function Key 5
PC55XX Defaults	11	03	04	06	14	16
LCD5500 Defaults	18	03	04	06	14	16
Keypad 1	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
Keypad 2	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
Keypad 3	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
Keypad 4	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
Keypad 5	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
Keypad 6	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
Keypad 7	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
Keypad 8	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|

Basic System Programming

Zone Definitions

00 Null Zone (Not Used)	**10** 24 Hour Supervisory Buzzer	**20** 24 Hour Freeze
01 Delay 1	**11** 24 Hour Burglary	**21** 24 Hour Latching Tamper
02 Delay 2	**12** 24 Hour Holdup	**22** Momentary Keyswitch Arm
03 Instant	**13** 24 Hour Gas	**23** Maintained Keyswitch Arm
04 Interior	**14** 24 Hour Heat	**24** LINKS1000/GSM1000 Answer Zone
05 Interior, Stay/Away	**15** 24 Hour Medical	
06 Delay, Stay/Away	**16** 24 Hour Panic	
07 Delayed 24 Hour Fire	**17** 24 Hour Emergency	
08 Standard 24 hour Fire	**18** 24 Hour Sprinkler	
09 24 Hour Supervisory Zone	**19** 24 Hour Water	

[001] Zone 1-8 Definitions (Section 5.1 "Zone Definitions")

Default			Default		
01	|⎽⎽⎽⎽| Zone 1	04	|⎽⎽⎽⎽| Zone 5
03	|⎽⎽⎽⎽| Zone 2	04	|⎽⎽⎽⎽| Zone 6
03	|⎽⎽⎽⎽| Zone 3	04	|⎽⎽⎽⎽| Zone 7
03	|⎽⎽⎽⎽| Zone 4	04	|⎽⎽⎽⎽| Zone 8

[002] Zone 9-16 Definitions (Section 5.1 "Zone Definitions")

Default			Default		
00	|⎽⎽⎽⎽| Zone 9	00	|⎽⎽⎽⎽| Zone 13
00	|⎽⎽⎽⎽| Zone 10	00	|⎽⎽⎽⎽| Zone 14
00	|⎽⎽⎽⎽| Zone 11	00	|⎽⎽⎽⎽| Zone 15
00	|⎽⎽⎽⎽| Zone 12	00	|⎽⎽⎽⎽| Zone 16

[003] Zone 17-24 Definitions (Section 5.1 "Zone Definitions")

Default			Default		
00	|⎽⎽⎽⎽| Zone 17	00	|⎽⎽⎽⎽| Zone 21
00	|⎽⎽⎽⎽| Zone 18	00	|⎽⎽⎽⎽| Zone 22
00	|⎽⎽⎽⎽| Zone 19	00	|⎽⎽⎽⎽| Zone 23
00	|⎽⎽⎽⎽| Zone 20	00	|⎽⎽⎽⎽| Zone 24

[004] Zone 25-32 Definitions (Section 5.1 "Zone Definitions")

Default			Default		
00	|⎽⎽⎽⎽| Zone 25	00	|⎽⎽⎽⎽| Zone 29
00	|⎽⎽⎽⎽| Zone 26	00	|⎽⎽⎽⎽| Zone 30
00	|⎽⎽⎽⎽| Zone 27	00	|⎽⎽⎽⎽| Zone 31
00	|⎽⎽⎽⎽| Zone 28	00	|⎽⎽⎽⎽| Zone 32

[005] System Times

Default	[001-255]		
030	|⎽⎽⎽⎽⎽|	Entry Delay 1
045	|⎽⎽⎽⎽⎽|	Entry Delay 2
120	|⎽⎽⎽⎽⎽|	Exit Delay
004	|⎽⎽⎽⎽⎽|	Bell Cut-off

[006] Installer's Code (Section 4.1 "How to Enter Installer Programming")

Default | | or | Default
5016 |__|__|__|__| | | | 501600 |__|__|__|__|__|__|

[007] Master Code (Section 3.1 "Access Codes")

Default | | or | Default
1234 |__|__|__|__| | | | 123456 |__|__|__|__|__|__|

[008] Maintenance Code (Section 3.1 "Access Codes")

Default | | or | Default
AAAA |__|__|__|__| | | | AAAA00 |__|__|__|__|__|__|

Programmable Output Options

00 For future use	**08** Courtesy Pulse
01 Burglary and Fire Bell Output	**09** System Trouble Output (with Trouble options)
02 Utility Output	**10** Latched System Event [Strobe (with Event options)]
03 Sensor Reset	**11** System Tamper (all sources: zones, kpd, modules)
05 System (Partition) Armed Status	**12** TLM and Alarm
06 Ready To Arm	**13** Kissoff Output
07 Keypad Buzzer Follow Mode	**14** Ground Start Pulse
	15 For Future Use
	16 LINKS1000/GSM1000 Support

[009] PC5016 PGM Output Programming (PGM 1 & 2) (Section 5.10 "PGM Outputs")

Default
02 |__|__| PGM 1
10 |__|__| PGM 2

[010] PC5208 PGM Output Programming (PGM 3-10) (Section 5.10 "PGM Outputs")

Default | | | Default | |
01 |__|__| PGM 3   01 |__|__| PGM 7
01 |__|__| PGM 4   01 |__|__| PGM 8
01 |__|__| PGM 5   01 |__|__| PGM 9
01 |__|__| PGM 6   01 |__|__| PGM 10

[011] PC5204 PGM Output Programming (PGM 11-14) (Section 5.10 "PGM Outputs")

Default
01 |__|__| PGM 11
01 |__|__| PGM 12
01 |__|__| PGM 13
01 |__|__| PGM 14

[012] Keypad Lockout Options (Section 5.21 "Keypad Lockout")

Default
000 |__|__|__| Number of Invalid Codes Before Lockout
000 |__|__|__| Lockout Duration (in minutes)

[013] First System Option Code

Default	Option	ON	OFF	Section
OFF	∟__∟ 1	Normally Closed Loops	End-of-Line Resistors	2.9
OFF	∟__∟ 2	Double End-of-Line Resistors	Single End-of-Line Resistors	2.9
ON	∟__∟ 3	On-board Zones 1-4 enabled	On-board Zones 1-4 disabled	
ON	∟__∟ 4	On-board Zones 5-8 enabled	On-board Zones 5-8 disabled	
OFF	∟__∟ 5	Zone 8 is Fast Loop Response	Zone 8 is Standard Loop Response	5.24
OFF	∟__∟ 6	For Future Use	For Future Use	
ON	∟__∟ 7	Event Buffer Follows Swinger Shutdown	Event Buffer Logs Events Past shutdown	5.17
OFF	∟__∟ 8	For Future Use		

[014] Second System Option Code

Default	Option	ON	OFF	Section
OFF	∟__∟ 1	Arm / Disarm Bell Squawk enabled	Arm / Disarm Bell Squawk disabled	5.20
OFF	∟__∟ 2	Bell Squawk During Auto Arm	No Bell Squawk During Auto Arm	5.21
OFF	∟__∟ 3	Bell Squawk On Exit Delay	No Bell Squawk On Exit Delay	5.15
OFF	∟__∟ 4	Bell Squawk On Entry Delay	No Bell Squawk On Entry Delay	5.15
OFF	∟__∟ 5	Bell Squawk On Trouble	No Bell Squawk On Trouble	3.4
ON	∟__∟ 6	Audible Exit Beeps	Silent Exit Delay	5.15
OFF	∟__∟ 7	Exit Delay Termination Enabled	Exit Delay Termination Disabled	5.15
OFF	∟__∟ 8	Fire Bell is continuous	Fire Bell follows Bell Cut-off	5.1

[015] Third System Option Code

Default	Option	ON	OFF	Section
ON	∟__∟ 1	Fire Keys Enabled	Fire Keys Disabled	5.14
OFF	∟__∟ 2	Panic Keys Audible (Bell / Beeps)	Panic Keys Silent	5.14
OFF	∟__∟ 3	Quick Exit Enabled	Quick Exit Disabled	3.4
ON	∟__∟ 4	Quick Arming Enabled	Quick Arming Disabled	3.4
OFF	∟__∟ 5	Code Required For Bypassing	No Code Required	3.4
OFF	∟__∟ 6	Master Code Not Changeable	Master Code Changeable	3.1
ON	∟__∟ 7	TLM Enabled	TLM Disabled	5.11
OFF	∟__∟ 8	TLM Audible When Armed	TLM Trouble Only When Armed	5.11

[016] Fourth System Option Code

Default	Option	ON	OFF	Section
ON	∟__∟ 1	AC Trouble Displayed	AC Trouble Not Displayed	3.4
OFF	∟__∟ 2	Trouble Light Flashes if AC Fails	Trouble Light Does Not Follow AC Status	3.4
OFF	∟__∟ 3	Blank Keypad When Not Used	Keypad Active Always	5.23
OFF	∟__∟ 4	Code Required to Remove Kypd Blanking	No Code Required	5.23
ON	∟__∟ 5	Keypad Backlighting is enabled	Keypad Backlighting is disabled	5.19
OFF	∟__∟ 6	Power Save Mode enabled	Power Save Mode disabled	5.23
OFF	∟__∟ 7	Bypass Status Displayed While Armed	Bypass Status Not Displayed While Armed	3.4
OFF	∟__∟ 8	Keypad Tampers enabled	Keypad Tampers disabled	5.25

Zone Attribute Defaults

	00 Null Zone (Not Used)	01 Delay 1	02 Delay 2	03 Instant	04 Interior	05 Interior, Stay/Away	06 Delay, Stay/Away	07 Delayed 24hr Fire	08 Standard 24hr Fire	09 24hr Supervisory Zone	10 24hr Supervisory Buzzer	11 24hr Burglary	12 24hr Holdup	13 24hr Gas	14 24hr Heat	15 24hr Medical	16 24hr Panic	17 24hr Emergency	18 24hr Sprinkler	19 24hr Water	20 24hr Freeze	21 24hr Latching Tamper	22 Momentary Keyswitch	23 Maintained Keyswitch	24 LINKS1000/GSM1000 Answer Zone
Option 1 – Audible / Silent	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
Option 2 – Steady / Pulsed	N	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N
Option 3 – Chime	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Option 4 – Bypass	N	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Option 5 – Force	N	N	N	N	N	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
Option 6 – Swing	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Option 7 – Tx. Delay	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Option 8 – For Future Use	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Y = Option ON   **N = Option OFF**

Zone 1-32 Attributes (Section 5.2 "Zone Attributes")

	Opt 1 ON / OFF	Opt 2 ON / OFF	Opt 3 ON / OFF	Opt 4 ON / OFF	Opt 5 ON / OFF	Opt 6 ON / OFF	Opt 7 ON / OFF	Opt 8 ON / OFF
	Audible / Silent	Steady / Pulsed	Chime / No	Bypass / No	Force / No	Swing / No	Tx Del. / No	Future / Use
[101] Zone 1	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[102] Zone 2	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[103] Zone 3	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[104] Zone 4	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[105] Zone 5	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[106] Zone 6	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[107] Zone 7	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[108] Zone 8	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[109] Zone 9	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[110] Zone 10	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[111] Zone 11	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[112] Zone 12	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[113] Zone 13	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[114] Zone 14	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[115] Zone 15	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[116] Zone 16	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[117] Zone 17	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[118] Zone 18	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[119] Zone 19	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[120] Zone 20	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[121] Zone 21	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[122] Zone 22	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[123] Zone 23	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[124] Zone 24	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|

	Opt 1	Opt 2	Opt 3	Opt 4	Opt 5	Opt 6	Opt 7	Opt 8
[125] Zone 25	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[126] Zone 26	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[127] Zone 27	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[128] Zone 28	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[129] Zone 29	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[130] Zone 30	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[131] Zone 31	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[132] Zone 32	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|

PGM Attributes (Section 5.10 "PGM Outputs")

Program only the following attributes for the PGM Options listed. All others will be ignored. PGM Options are programmed in sections [009], [010], [011].

PGM Options 1, 8, 11-16:
Attribute 1 - Must be ON
Attribute 3 - Option Activates/Deactivates Output

PGM Option 9 (System Trouble Output):
Attribute 1 - Service Required
Attribute 2 - AC Fail
Attribute 3 - Telephone Line Fault
Attribute 4 - Dialer - Failure to Communicate
Attribute 5 - Fire Zone Fault
Attribute 6 - Zone Tamper
Attribute 8 - Loss of Clock

PGM Options 2, 3, 5-7:
Attribute 1 - Partition 1 Controls Event,
Attribute 2 - Partition 2 Controls Event,
Attribute 3 - Option Activates/Deactivates Output

PGM Option 10 Latched System Event
Attribute 1 - Burglary
Attribute 2 - Fire
Attribute 3 - Holdup
Attribute 4 - Medical
Attribute 5 - Supervisory
Attribute 6 - Priority
Attribute 7 - Partition 1 Latch Event Strobe
Attribute 8 - Partition 2 Latch Event Strobe

Attribute	1	2	3	4	5	6	7	8
Default	ON	ON	ON	ON	ON	ON	ON	ON
PC5015								
[141] PGM 1	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[142] PGM 2	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
PC5208								
[143] PGM 3	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[144] PGM 4	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[145] PGM 5	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[146] PGM 6	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[147] PGM 7	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[148] PGM 8	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[149] PGM 9	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[150] PGM 10	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
PC5204								
[151] PGM 11	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[152] PGM 12	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[153] PGM 13	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|
[154] PGM 14	|___|	|___|	|___|	|___|	|___|	|___|	|___|	|___|

[160] Maximum Dialing Attempts to Each Phone Number (Section 5.3 "Communicator Dialing")

Default: 005 \|___|___|___\| Valid entries are 001-255 attempts (Do not enter 000)

[161] Post Dial Wait for Handshake (All Formats) (Section 5.3 "Communicator Dialing")

Default: 040 \|___|___|___\| Valid entries are 001-255 seconds

[162] No Activity Arming (Partition 1) (Section 5.21 "Automatic Arming")

Default: 000 \|___|___|___\| Valid entries are 000-255 minutes (000 = disabled)

[163] No Activity Arming (Partition 2) (Section 5.21 "Automatic Arming")

Default: 000 \|___|___|___\| Valid entries are 000-255 minutes (000 = disabled)

Zone Programming

[201] First Partition Option Code (Section 5.9 "Partition/Zone Assignment")

Default		Option	ON	OFF
OFF	ι___ι	1	Partition 2 is Enabled	Partition 2 is Disabled
OFF	ι___ι	2-8	For Future Use	

[202] Partition 1 Zone Assignments (1-8) (Section 5.9 "Partition/Zone Assignment")

Default		Option	ON	OFF
ON	ι___ι	1	Zone 1 is on Partition 1	Zone 1 is not on Partition 1
ON	ι___ι	2	Zone 2 is on Partition 1	Zone 2 is not on Partition 1
ON	ι___ι	3	Zone 3 is on Partition 1	Zone 3 is not on Partition 1
ON	ι___ι	4	Zone 4 is on Partition 1	Zone 4 is not on Partition 1
ON	ι___ι	5	Zone 5 is on Partition 1	Zone 5 is not on Partition 1
ON	ι___ι	6	Zone 6 is on Partition 1	Zone 6 is not on Partition 1
ON	ι___ι	7	Zone 7 is on Partition 1	Zone 7 is not on Partition 1
ON	ι___ι	8	Zone 8 is on Partition 1	Zone 8 is not on Partition 1

[203] Partition 1 Zone Assignments (9-16) (Section 5.9 "Partition/Zone Assignment")

Default		Option	ON	OFF
OFF	ι___ι	1	Zone 9 is on Partition 1	Zone 9 is not on Partition 1
OFF	ι___ι	2	Zone 10 is on Partition 1	Zone 10 is not on Partition 1
OFF	ι___ι	3	Zone 11 is on Partition 1	Zone 11 is not on Partition 1
OFF	ι___ι	4	Zone 12 is on Partition 1	Zone 12 is not on Partition 1
OFF	ι___ι	5	Zone 13 is on Partition 1	Zone 13 is not on Partition 1
OFF	ι___ι	6	Zone 14 is on Partition 1	Zone 14 is not on Partition 1
OFF	ι___ι	7	Zone 15 is on Partition 1	Zone 15 is not on Partition 1
OFF	ι___ι	8	Zone 16 is on Partition 1	Zone 16 is not on Partition 1

[204] Partition 1 Zone Assignments (17-24) (Section 5.9 "Partition/Zone Assignment")

Default		Option	ON	OFF
OFF	ι___ι	1	Zone 17 is on Partition 1	Zone 17 is not on Partition 1
OFF	ι___ι	2	Zone 18 is on Partition 1	Zone 18 is not on Partition 1
OFF	ι___ι	3	Zone 19 is on Partition 1	Zone 19 is not on Partition 1
OFF	ι___ι	4	Zone 20 is on Partition 1	Zone 20 is not on Partition 1
OFF	ι___ι	5	Zone 21 is on Partition 1	Zone 21 is not on Partition 1
OFF	ι___ι	6	Zone 22 is on Partition 1	Zone 22 is not on Partition 1
OFF	ι___ι	7	Zone 23 is on Partition 1	Zone 23 is not on Partition 1
OFF	ι___ι	8	Zone 24 is on Partition 1	Zone 24 is not on Partition 1

[205] Partition 1 Zone Assignments (25-32) (Section 5.9 "Partition/Zone Assignment")

Default		Option	ON	OFF
OFF	ι___ι	1	Zone 25 is on Partition 1	Zone 25 is not on Partition 1
OFF	ι___ι	2	Zone 26 is on Partition 1	Zone 26 is not on Partition 1
OFF	ι___ι	3	Zone 27 is on Partition 1	Zone 27 is not on Partition 1
OFF	ι___ι	4	Zone 28 is on Partition 1	Zone 28 is not on Partition 1
OFF	ι___ι	5	Zone 29 is on Partition 1	Zone 29 is not on Partition 1
OFF	ι___ι	6	Zone 30 is on Partition 1	Zone 30 is not on Partition 1
OFF	ι___ι	7	Zone 31 is on Partition 1	Zone 31 is not on Partition 1
OFF	ι___ι	8	Zone 32 is on Partition 1	Zone 32 is not on Partition 1

[206] Partition 2 Zone Assignments (1-8) (Section 5.9 "Partition/Zone Assignment")

Default		Option	ON	OFF
OFF	｜＿＿｜	1	Zone 1 is on Partition 2	Zone 1 is not on Partition 2
OFF	｜＿＿｜	2	Zone 2 is on Partition 2	Zone 2 is not on Partition 2
OFF	｜＿＿｜	3	Zone 3 is on Partition 2	Zone 3 is not on Partition 2
OFF	｜＿＿｜	4	Zone 4 is on Partition 2	Zone 4 is not on Partition 2
OFF	｜＿＿｜	5	Zone 5 is on Partition 2	Zone 5 is not on Partition 2
OFF	｜＿＿｜	6	Zone 6 is on Partition 2	Zone 6 is not on Partition 2
OFF	｜＿＿｜	7	Zone 7 is on Partition 2	Zone 7 is not on Partition 2
OFF	｜＿＿｜	8	Zone 8 is on Partition 2	Zone 8 is not on Partition 2

[207] Partition 2 Zone Assignments (9-16) (Section 5.9 "Partition/Zone Assignment")

Default		Option	ON	OFF
OFF	｜＿＿｜	1	Zone 9 is on Partition 2	Zone 9 is not on Partition 2
OFF	｜＿＿｜	2	Zone 10 is on Partition 2	Zone 10 is not on Partition 2
OFF	｜＿＿｜	3	Zone 11 is on Partition 2	Zone 11 is not on Partition 2
OFF	｜＿＿｜	4	Zone 12 is on Partition 2	Zone 12 is not on Partition 2
OFF	｜＿＿｜	5	Zone 13 is on Partition 2	Zone 13 is not on Partition 2
OFF	｜＿＿｜	6	Zone 14 is on Partition 2	Zone 14 is not on Partition 2
OFF	｜＿＿｜	7	Zone 15 is on Partition 2	Zone 15 is not on Partition 2
OFF	｜＿＿｜	8	Zone 16 is on Partition 2	Zone 16 is not on Partition 2

[208] Partition 2 Zone Assignments (17-24) (Section 5.9 "Partition/Zone Assignment")

Default		Option	ON	OFF
OFF	｜＿＿｜	1	Zone 17 is on Partition 2	Zone 17 is not on Partition 2
OFF	｜＿＿｜	2	Zone 18 is on Partition 2	Zone 18 is not on Partition 2
OFF	｜＿＿｜	3	Zone 19 is on Partition 2	Zone 19 is not on Partition 2
OFF	｜＿＿｜	4	Zone 20 is on Partition 2	Zone 20 is not on Partition 2
OFF	｜＿＿｜	5	Zone 21 is on Partition 2	Zone 21 is not on Partition 2
OFF	｜＿＿｜	6	Zone 22 is on Partition 2	Zone 22 is not on Partition 2
OFF	｜＿＿｜	7	Zone 23 is on Partition 2	Zone 23 is not on Partition 2
OFF	｜＿＿｜	8	Zone 24 is on Partition 2	Zone 24 is not on Partition 2

[209] Partition 2 Zone Assignments (25-32) (Section 5.9 "Partition/Zone Assignment")

Default		Option	ON	OFF
OFF	｜＿＿｜	1	Zone 25 is on Partition 2	Zone 25 is not on Partition 2
OFF	｜＿＿｜	2	Zone 26 is on Partition 2	Zone 26 is not on Partition 2
OFF	｜＿＿｜	3	Zone 27 is on Partition 2	Zone 27 is not on Partition 2
OFF	｜＿＿｜	4	Zone 28 is on Partition 2	Zone 28 is not on Partition 2
OFF	｜＿＿｜	5	Zone 29 is on Partition 2	Zone 29 is not on Partition 2
OFF	｜＿＿｜	6	Zone 30 is on Partition 2	Zone 30 is not on Partition 2
OFF	｜＿＿｜	7	Zone 31 is on Partition 2	Zone 31 is not on Partition 2
OFF	｜＿＿｜	8	Zone 32 is on Partition 2	Zone 32 is not on Partition 2

Communicator Programming

NOTE: For sections [301] to [352], the contents of every section by default is [F].

[301] First Telephone Number (32 Digits) (Section 5.4 "Communicator – Phone Numbers")

|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

[302] Second Telephone Number (32 Digits) (Section 5.4 "Communicator – Phone Numbers")

|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

[303] Third Telephone Number (32 Digits) (Section 5.4 "Communicator – Phone Numbers")

|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

[310] Partition 1 Identifier Code (Section 5.5 "Communicator – Account Numbers")

|___|___|___|___|___|___|

[311] Partition 2 Identifier Code (Section 5.5 "Communicator – Account Numbers")

|___|___|___|___|___|___|

[320] Alarm Reporting Codes, Zones 1-8 (Section 5.7 "Communicator – Reporting Codes")

|___|___| Zone 1 |___|___| Zone 3 |___|___| Zone 5 |___|___| Zone 7
|___|___| Zone 2 |___|___| Zone 4 |___|___| Zone 6 |___|___| Zone 8

[321] Alarm Reporting Codes, Zones 9-16 (Section 5.7 "Communicator – Reporting Codes")

|___|___| Zone 9 |___|___| Zone 11 |___|___| Zone 13 |___|___| Zone 15
|___|___| Zone 10 |___|___| Zone 12 |___|___| Zone 14 |___|___| Zone 16

[322] Alarm Reporting Codes, Zones 17-24 (Section 5.7 "Communicator – Reporting Codes")

|___|___| Zone 17 |___|___| Zone 19 |___|___| Zone 21 |___|___| Zone 23
|___|___| Zone 18 |___|___| Zone 20 |___|___| Zone 22 |___|___| Zone 24

[323] Alarm Reporting Codes, Zones 25-32 (Section 5.7 "Communicator – Reporting Codes")

|___|___| Zone 25 |___|___| Zone 27 |___|___| Zone 29 |___|___| Zone 31
|___|___| Zone 26 |___|___| Zone 28 |___|___| Zone 30 |___|___| Zone 32

[324] Alarm Restoral Reporting Codes, Zones 1-8 (Section 5.7 "Communicator – Reporting Codes")

|___|___| Zone 1 |___|___| Zone 3 |___|___| Zone 5 |___|___| Zone 7
|___|___| Zone 2 |___|___| Zone 4 |___|___| Zone 6 |___|___| Zone 8

[325] Alarm Restoral Reporting Codes, Zones 9-16 (Section 5.7 "Communicator – Reporting Codes")

|___|___| Zone 9 |___|___| Zone 11 |___|___| Zone 13 |___|___| Zone 15
|___|___| Zone 10 |___|___| Zone 12 |___|___| Zone 14 |___|___| Zone 16

[326] Alarm Restoral Reporting Codes, Zones 17-24 (Section 5.7 "Communicator – Reporting Codes")

|___|___| Zone 17 |___|___| Zone 19 |___|___| Zone 21 |___|___| Zone 23
|___|___| Zone 18 |___|___| Zone 20 |___|___| Zone 22 |___|___| Zone 24

[327] Alarm Restoral Reporting Codes, Zones 25-32 (Section 5.7 "Communicator – Reporting Codes")

|___|___| Zone 25 |___|___| Zone 27 |___|___| Zone 29 |___|___| Zone 31
|___|___| Zone 26 |___|___| Zone 28 |___|___| Zone 30 |___|___| Zone 32

[328] Miscellaneous Alarm Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

|___|___| Duress Alarm |___|___| Zone Expander Supervisory Alarm
|___|___| Opening After Alarm |___|___| Zone Expander Supervisory Restoral
|___|___| Recent Closing

[329] Priority Alarm and Restoral (Section 5.7 "Communicator – Reporting Codes")

	_____	_____	Keypad Fire Alarm		_____	_____	Keypad Fire Restoral
	_____	_____	Keypad Auxiliary Alarm		_____	_____	Keypad Auxiliary Restoral
	_____	_____	Keypad Panic Alarm		_____	_____	Keypad Panic Restoral
	_____	_____	For Future Use		_____	_____	For Future Use

[330] Tamper Reporting Codes, Zones 1-8 (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| Zone 1 | |_____|_____| Zone 3 | |_____|_____| Zone 5 | |_____|_____| Zone 7 |
| |_____|_____| Zone 2 | |_____|_____| Zone 4 | |_____|_____| Zone 6 | |_____|_____| Zone 8 |

[331] Tamper Reporting Codes, Zones 9-16 (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| Zone 9 | |_____|_____| Zone 11 | |_____|_____| Zone 13 | |_____|_____| Zone 15 |
| |_____|_____| Zone 10 | |_____|_____| Zone 12 | |_____|_____| Zone 14 | |_____|_____| Zone 16 |

[332] Tamper Reporting Codes, Zones 17-24 (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| Zone 17 | |_____|_____| Zone 19 | |_____|_____| Zone 21 | |_____|_____| Zone 23 |
| |_____|_____| Zone 18 | |_____|_____| Zone 20 | |_____|_____| Zone 22 | |_____|_____| Zone 24 |

[333] Tamper Reporting Codes, Zones 25-32 (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| Zone 25 | |_____|_____| Zone 27 | |_____|_____| Zone 29 | |_____|_____| Zone 31 |
| |_____|_____| Zone 26 | |_____|_____| Zone 28 | |_____|_____| Zone 30 | |_____|_____| Zone 32 |

[334] Tamper Restoral Reporting Codes, Zones 1-8 (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| Zone 1 | |_____|_____| Zone 3 | |_____|_____| Zone 5 | |_____|_____| Zone 7 |
| |_____|_____| Zone 2 | |_____|_____| Zone 4 | |_____|_____| Zone 6 | |_____|_____| Zone 8 |

[335] Tamper Restoral Reporting Codes, Zones 9-16 (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| Zone 9 | |_____|_____| Zone 11 | |_____|_____| Zone 13 | |_____|_____| Zone 15 |
| |_____|_____| Zone 10 | |_____|_____| Zone 12 | |_____|_____| Zone 14 | |_____|_____| Zone 16 |

[336] Tamper Restoral Reporting Codes, Zones 17-24 (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| Zone 17 | |_____|_____| Zone 19 | |_____|_____| Zone 21 | |_____|_____| Zone 23 |
| |_____|_____| Zone 18 | |_____|_____| Zone 20 | |_____|_____| Zone 22 | |_____|_____| Zone 24 |

[337] Tamper Restoral Reporting Codes, Zones 25-32 (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| Zone 25 | |_____|_____| Zone 27 | |_____|_____| Zone 29 | |_____|_____| Zone 31 |
| |_____|_____| Zone 26 | |_____|_____| Zone 28 | |_____|_____| Zone 30 | |_____|_____| Zone 32 |

[338] Miscellaneous Tamper Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| General System Tamper | |_____|_____| Keypad Lockout |
| |_____|_____| General System Tamper Rest. | |

[339] Closing (Arming) Reporting Codes, Access Codes 1-8 (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| Code 1 | |_____|_____| Code 3 | |_____|_____| Code 5 | |_____|_____| Code 7 |
| |_____|_____| Code 2 | |_____|_____| Code 4 | |_____|_____| Code 6 | |_____|_____| Code 8 |

[340] Closing (Arming) Reporting Codes, Access Codes 9-16 (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| Code 9 | |_____|_____| Code 11 | |_____|_____| Code 13 | |_____|_____| Code 15 |
| |_____|_____| Code 10 | |_____|_____| Code 12 | |_____|_____| Code 14 | |_____|_____| Code 16 |

[341] Closing (Arming) Reporting Codes, Access Codes 17-24 (Section 5.7 "Communicator – Reporting Codes")

| |_____|_____| Code 17 | |_____|_____| Code 19 | |_____|_____| Code 21 | |_____|_____| Code 23 |
| |_____|_____| Code 18 | |_____|_____| Code 20 | |_____|_____| Code 22 | |_____|_____| Code 24 |

[342] Closing (Arming) Reporting Codes, Access Codes 25-32 (Section 5.7 "Communicator – Reporting Codes")

| |__|__| Code 25 | |__|__| Code 27 | |__|__| Code 29 | |__|__| Code 31 |
| |__|__| Code 26 | |__|__| Code 28 | |__|__| Code 30 | |__|__| Code 32 |

[343] Miscellaneous Closing (Arming) Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

|__|__| Closing by Duress Code 33 |__|__| Closing by System Code 42

|__|__| Closing by Duress Code 34 |__|__| Partial Closing

|__|__| Closing by System Code 40 |__|__| Special Closing

|__|__| Closing by System Code 41

[344] Opening (Disarming) Reporting Codes, Access Codes 1-8 (Section 5.7 "Communicator – Reporting Codes")

| |__|__| Code 1 | |__|__| Code 3 | |__|__| Code 5 | |__|__| Code 7 |
| |__|__| Code 2 | |__|__| Code 4 | |__|__| Code 6 | |__|__| Code 8 |

[345] Opening (Disarming) Reporting Codes, Access Codes 9-16
(Section 5.7 "Communicator – Reporting Codes")

| |__|__| Code 9 | |__|__| Code 11 | |__|__| Code 13 | |__|__| Code 15 |
| |__|__| Code 10 | |__|__| Code 12 | |__|__| Code 14 | |__|__| Code 16 |

[346] Opening (Disarming) Reporting Codes, Access Codes 17-24
(Section 5.7 "Communicator – Reporting Codes")

| |__|__| Code 17 | |__|__| Code 19 | |__|__| Code 21 | |__|__| Code 23 |
| |__|__| Code 18 | |__|__| Code 20 | |__|__| Code 22 | |__|__| Code 24 |

[347] Opening (Disarming) Reporting Codes, Access Codes 25-32
(Section 5.7 "Communicator – Reporting Codes")

| |__|__| Code 25 | |__|__| Code 27 | |__|__| Code 29 | |__|__| Code 31 |
| |__|__| Code 26 | |__|__| Code 28 | |__|__| Code 30 | |__|__| Code 32 |

[348] Miscellaneous Opening (Disarming) Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

|__|__| Opening by Duress Code 33 |__|__| Opening by System Code 42

|__|__| Opening by Duress Code 34 |__|__| Auto Arm Cancellation

|__|__| Opening by System Code 40 |__|__| Special Opening

|__|__| Opening by System Code 41

[349] Maintenance Alarm Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

|__|__| Battery Trouble Alarm |__|__| Auxiliary Power Supply Trouble Alarm

|__|__| AC Failure Trouble Alarm |__|__| TLM Trouble (via LINKS1000/GSM1000)

|__|__| Bell Circuit Trouble Alarm |__|__| General System Trouble

|__|__| Fire Trouble Alarm |__|__| General System Supervisory

[350] Maintenance Restoral Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

|__|__| Battery Trouble Restoral |__|__| Auxiliary Power Supply Trouble Restoral

|__|__| AC Failure Trouble Restoral |__|__| TLM Restoral

|__|__| Bell Circuit Trouble Restoral |__|__| General System Trouble Restore

|__|__| Fire Trouble Restoral |__|__| General System Supervisory Restore

[351] Miscellaneous Maintenance Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

|__|__| Phone Number 1 Failure to Communicate |__|__| DLS Lead OUT

|__|__| Phone Number 2 Failure to Communicate |__|__| General Zone Trouble Alarm

|__|__| Event Buffer is 75% Full Since Last Upload |__|__| General Zone Trouble Restore

|__|__| DLS Lead IN

[352] Test Transmission Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

|__|__| Periodic Test Transmission |__|__| LINKS1000/GSM1000 Test Transmission Code

|__|__| System Test

[353] For Future Use

[360] Communicator Format Options (Section 5.6 "Communicator – Reporting Formats")

Default: 02 |___|___| 1st Phone Number |___|___| 2nd Phone Number

01 20 BPS, 1400 HZ handshake   **03** DTMF CONTACT I.D.   **05** Pager
02 20 BPS, 2300 HZ handshake   **04** SIA FSK   **06** 200 baud FSK Format

[361] Partition 1 Alarms and Restorals (Section 5.3 "Communicator – Dialing")

Default		Option	ON	OFF
ON	|___|	1	1st Telephone Number	Disabled
OFF	|___|	2	2nd Telephone Number	Disabled
OFF	|___|	3	1st Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	4	2nd Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	5-8	For Future Use	

[362] Partition 2 Alarms and Restorals (Section 5.3 "Communicator – Dialing")

Default		Option	ON	OFF
ON	|___|	1	1st Telephone Number	Disabled
OFF	|___|	2	2nd Telephone Number	Disabled
OFF	|___|	3	1st Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	4	2nd Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	5-8	For Future Use	

[363] Partition 1 Tampers and Restorals (Section 5.3 "Communicator – Dialing")

Default		Option	ON	OFF
ON	|___|	1	1st Telephone Number	Disabled
OFF	|___|	2	2nd Telephone Number	Disabled
OFF	|___|	3	1st Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	4	2nd Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	5-8	For Future Use	

[364] Partition 2 Tampers and Restorals (Section 5.3 "Communicator – Dialing")

Default		Option	ON	OFF
ON	|___|	1	1st Telephone Number	Disabled
OFF	|___|	2	2nd Telephone Number	Disabled
OFF	|___|	3	1st Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	4	2nd Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	5-8	For Future Use	

[365] Partition 1 Openings and Closings (Section 5.3 "Communicator – Dialing")

Default		Option	ON	OFF
ON	|___|	1	1st Telephone Number	Disabled
OFF	|___|	2	2nd Telephone Number	Disabled
OFF	|___|	3	1st Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	4	2nd Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	5-8	For Future Use	

[366] Partition 2 Openings and Closings (Section 5.3 "Communicator – Dialing")

Default		Option	ON	OFF
ON	|___|	1	1st Telephone Number	Disabled
OFF	|___|	2	2nd Telephone Number	Disabled
OFF	|___|	3	1st Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	4	2nd Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	|___|	5-8	For Future Use	

[367] System Maintenance Alarms and Restores (Section 5.3 "Communicator – Dialing")

Default	Option	ON	OFF
ON	⌐_____⌐	1	1st Telephone Number	Disabled
OFF	⌐_____⌐	2	2nd Telephone Number	Disabled
OFF	⌐_____⌐	3	1st Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	⌐_____⌐	4	2nd Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	⌐_____⌐	5-8	For Future Use	

[368] System Test Transmissions (Section 5.3 "Communicator – Dialing")

Default	Option	ON	OFF
ON	⌐_____⌐	1	1st Telephone Number	Disabled
OFF	⌐_____⌐	2	2nd Telephone Number	Disabled
OFF	⌐_____⌐	3	1st Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	⌐_____⌐	4	2nd Telephone Number (via LINKS1000/GSM1000)	Disabled
OFF	⌐_____⌐	5-8	For Future Use	

[370] Communication Variables

Default				Section
003	⌐__|__|__⌐	Swinger Shutdown (Alarms and Rest)	(001-014 Transmissions, 000=disabled)	5.17
003	⌐__|__|__⌐	Swinger Shutdown (Tampers and Rest)	(001-014 Transmissions, 000=disabled)	5.17
003	⌐__|__|__⌐	Swinger Shutdown (Maint and Rest)	(001-014 Transmissions, 000=disabled)	5.17
000	⌐__|__|__⌐	Communication Delay	(001-255 seconds)	5.18
030	⌐__|__|__⌐	AC Failure Communication Delay	(001-255 minutes)	3.4
003	⌐__|__|__⌐	TLM Trouble Delay	(No. of valid checks required - 000-255 x 10s)	5.11
030	⌐__|__|__⌐	Test Transmission Cycle	(001-255 days / hours)	5.13
007	⌐__|__|__⌐	Test Transmission Cycle (LINKS1000/GSM1000)	(000-255 days)	5.13

[371] Test Transmission Time of Day (Section 5.13 "Test Transmission")

Default

9999 ⌐__\|__\|__\|__⌐ (Valid entries are 0000-2359, 9999 to disable)

[380] First Communicator Option Code

Default	Option	ON	OFF	Section
ON	⌐___⌐	1	Communications enabled	Communications disabled	5.3
OFF	⌐___⌐	2	Restorals on Bell Time-out	Restorals Follow Zones	5.7
OFF	⌐___⌐	3	Pulse Dialing	DTMF Dialing	5.3
OFF	⌐___⌐	4	Switch to Pulse Dialing on 4th Attempt	DTMF Dial For All Attempts	5.3
OFF	⌐___⌐	5	3rd Phone Number enabled	3rd Phone Number disabled	5.4
OFF	⌐___⌐	6	Alternate Dial (1st and 3rd)	Call 1st Number, Backup to 3rd	5.4
ON	⌐___⌐	7	Call LINKS1000/GSM1000 as well as Land Line	LINKS1000/GSM1000 is Backup of Land Line(s)	5.26
OFF	⌐___⌐	8	For Future Use		

[381] Second Communicator Option Code

Default	Option	ON	OFF	Section
OFF	⌐___⌐	1	Open After Alarm Kypd Ringback enabled	Open After Alrm Kypd Ringback disabled	5.20
OFF	⌐___⌐	2	Open After Alarm Bell Ringback enabled	Open After Alrm Bell Ringback disabled	5.20
OFF	⌐___⌐	3	SIA Sends Programmed Rep. Codes	SIA Sends Automatic Rep. Codes	5.6
OFF	⌐___⌐	4	Closing Confirmation enabled	Closing Confirmation disabled	5.20
OFF	⌐___⌐	5	200 Baud Open/Close Identifier Toggle ON	200 Baud Open/Close Identifier Toggle OFF	5.6.5
OFF	⌐___⌐	6	Test Transmission while armed only	Test Transmission while armed or disarmed	5.13
OFF	⌐___⌐	7-8	For Future Use		

[390] LINKS1000/GSM1000 Preamble (First Telephone Number) (Section 5.26 "LINKS1000/GSM1000 1000 Cellular Communicator")

Default: FFFF ⌊___⌋___⌋___⌋___⌋ (Program all unused digits with Hex F)

[391] LINKS1000/GSM1000 Preamble (Second Telephone Number) (Section 5.26 "LINKS1000/GSM1000 1000 Cellular Communicator")

Default: FFFF ⌊___⌋___⌋___⌋___⌋ (Program all unused digits with Hex F)

[392] LINKS1000/GSM1000 Preamble (Third Telephone Number) (Section 5.26 "LINKS1000/GSM1000 1000 Cellular Communicator")

Default: FFFF ⌊___⌋___⌋___⌋___⌋ (Program all unused digits with Hex F)

[393] LINKS1000/GSM1000 Special Function Preamble (All Telephone Numbers) (Section 5.26 "LINKS1000/GSM1000 1000 Cellular Communicator")

Default: FFFFFF ⌊___⌋___⌋___⌋___⌋___⌋___⌋ (Program all unused digits with Hex F)
- Enter [✱] [2] [✱] (HEX B) to dial [✱]
- Enter [✱] [3] [✱] (HEX C) to dial [#]

Downloading Programming

[401] First Downloading Option Code (Section 5.8 "Downloading")

Default		Option	ON	OFF
OFF	⌊___⌋	1	Downloading Answer enabled	Downloading Answer disabled
ON	⌊___⌋	2	User Can enable DLS Window	User Can Not Enable DLS Window
OFF	⌊___⌋	3	Call-Back enabled	Call-Back disabled
OFF	⌊___⌋	4-8	For Future Use	

[402] Downloading Computer's Telephone Number (32 Digits) (Section 5.8 "Downloading")

⌊___⌋

[403] Downloading Access Code (Section 5.8 "Downloading")

Default: 5016 ⌊___⌋___⌋___⌋___⌋

[404] Panel Identification Code (Section 5.8 "Downloading")

Default: 5016 ⌊___⌋___⌋___⌋___⌋

[405] Answering Machine Double-call Timer (Section 5.8 "Downloading")

Default: 060 ⌊___⌋___⌋___⌋ (Valid entries are 001-255)

[490] LINKS1000/GSM1000 Preamble (Downloading Phone Number) (Section 5.8 "Downloading")

Default: FFFF ⌊___⌋___⌋___⌋___⌋ (Program all unused digits with Hex F)

[491] PC-LINK Downloading Initiate (Section 5.8.2 "Downloading")

International Programming

[700] Automatic Clock Adjust (Section 5.33.1 "Automatic Clock Adjust")

Default: 60 ⌊___⌋___⌋ (Valid entries are 01-99 seconds)

[701] First International Options Code (Section 5.33.2 "First International Option Code")

Default		Option	ON	OFF
ON	⌊___⌋	1	50 Hz AC	60 Hz AC
OFF	⌊___⌋	2	Time Base is Internal Crystal	Time Base is AC Line
OFF	⌊___⌋	3	AC/DC Arming Inhibit enabled	AC/DC Arming Inhibit disabled
OFF	⌊___⌋	4	All System Tampers Require Installer Reset	All System Tampers follow Restore
OFF	⌊___⌋	5	6-Digit User Access Codes	4-Digit User Access Codes
ON	⌊___⌋	6	Busy / Congestion Tone Detection enabled	Busy/Congestion Tone Detection disabled
OFF	⌊___⌋	7	Test Transmission Counter in hours	Normal Test Transmission (days)
OFF	⌊___⌋	8	For Future Use	

[702] Second International Options Code (Section 5.33.3 "Second International Option Code")

Default	Option	ON	OFF
ON	|___| 1	Pulse Dialing Make/Break Ratio is 33/67	Pulse Dialing Make/Break Ratio is 40/60
OFF	|___| 2	Force Dialing enabled	Force Dialing disabled
OFF	|___| 3	60min Test Transmission	Test Transmission Follows Interval
OFF	|___| 4	1600 Hz Handshake	Standard Handshake
OFF	|___| 5	ID Tone enabled	ID Tone disabled
OFF	|___| 6	2100 HZ ID Tone	1300 Hz ID Tone
OFF	|___| 7	One-Time One-hour User-enabled DLS Window	Full Six-hour User-enabled DLS Window
OFF	|___| 8	Bell on FTC when armed	FTC Trouble only when armed

[703] Delay Between Dialing Attempts (Section 5.33.4 "Delay Between Dialing Attempts")

Default

000   \|___|___|___\| (Valid entries are 000-255 Seconds)

Module Programming

[801] RS232 Module (PC5400) Programming (Section 5.28 "On-Site Printer")

[01] Printer Configuration

Default	Option	ON	OFF
OFF	|___| 1	Printer enabled	Printer disabled
ON	|___| 2	Handshake from Printer (DTR)	No Handshake
OFF	|___| 3	80 Column Printer	40 Column Printer
OFF	|___| 4	300 Baud enabled	300 Baud disabled
OFF	|___| 5	1200 Baud enabled	1200 Baud disabled
ON	|___| 6	2400 Baud enabled	2400 Baud disabled
OFF	|___| 7	4800 Baud enabled	4800 Baud disabled
OFF	|___| 8	For Future Use	

[05] Printer Language Selection

Default: 01   \|___|___\| (01=English   02=French   03=Spanish)

Special Installer Functions

[901] Installer Walk Test Mode Enable/Disable (Section 5.32 "Walk Test [Installer]")

[902] Module Supervision Reset (Section 2.7 "Enable Supervision")

[903] Module Supervision Field (Section 2.7 "Enable Supervision")

[990] Installer Lockout Enable (Section 5.31 "Installer Lockout")

[991] Installer Lockout Disable (Section 5.31 "Installer Lockout")

[995] Restore Escort5580 Factory Default Programming (Section 5.30 "Default [Factory]")

[997] Restore PC5400 Factory Default Programming (Section 5.30 "Default [Factory]")

[998] Restore PC5928 Factory Default Programming (Section 5.30 "Default [Factory]")

[999] Restore Factory Default Programming (Section 5.30 "Default [Factory]")

Programming LCD5500 Keypads

How to Program the LCD Keypad

If you have an LCD5500 Keypad additional programming is required for proper operation. The following is a description of the programming options available:

How to Enter LCD Programming

Step 1 - Press [E], [8], [Installer Code] (Enter Installer Programming). Press the [E] key

Step 2 - Enter the 2 digit Section number to program.

Follow the programming procedure as outlined in Section 4 – "How To Program" – in the PC5016 Installation Manual.

Programmable Labels

LCD display labels can be changed from their default settings to make operation of the system easier for the end user. The following is the procedure for changing labels:

Step 1 - Enter LCD Programming.

Step 2 - Enter the Number corresponding to the label you wish to program.

Step 3 - Use the arrow keys (<>) to move the underline bar underneath the letter to be changed.

Step 4 - Press the number key [1] to [9] corresponding to the letter you require. The first time you press the number the first letter will appear. Pressing the number key again will display the next letter. Refer to the following chart:

[1] - A, B, C, 1	[3] - G, H, I, 3	[5] - M, N, O, 5	[7] - S, T, U, 7	[9] - Y, Z, 9,0
[2] - D, E, F, 2	[4] - J, K, L, 4	[6] - P, Q, R, 6	[8] - V, W, X, 8	[0] - Space

Step 5 - When the required letter or number is displayed use the arrow keys (<>) to scroll to the next letter.

Step 6 - When you are finished programming the label, press the [E] key and scroll to "Save" then press the [E] key again.

Step 7 - Continue from Step 2 until all labels are programmed.

LCD5500 Programming Sections

[01] to [32] Zone Labels (14 Characters)

Default `Zone_____1____`   Default `Zone_____32___`

[33] Fire Alarm Label (14 Characters)

Default `Fire_Zone_____`

[34] and [35] Partition Labels (14 Characters)

Default `System_____`   Default `Partition_2___`

[40] and [41] Partition 1 and 2 "Utility Output" Label (14 Characters)

Default `Utility_Output`

[44] and [45] Partition 1 and 2 "Sensor Reset" Label (14 Characters)

Default `Sensor_Reset__`

[51] Fail to Arm Event Message

Default `System_Has_____`
       `Failed_to_Arm___`

[52] Alarm When Armed Event Message

Default `Alarm_Occurred__`
       `While_Armed___<>`

[60] First User Display Mask

Default		Option	ON	OFF
ON	�	1	Hold Panic Keys prompt ON	Hold Panic Keys prompt OFF
ON	�	2	Zone Bypassing prompt ON	Zone Bypass prompt OFF
ON	�	3	Troubles prompt ON	Troubles prompt OFF
ON	�	4	Alarm Memory prompt ON	Alarm Memory prompt OFF
ON	�	5	Door Chime Control prompt ON	Door Chime Control prompt OFF
ON	�	6	Access Codes prompt ON	Access Codes prompt OFF
ON	�	7	User Functions prompt ON	User Functions prompt OFF
ON	�	8	Output Control prompt ON	Output Control prompt OFF

[61] Second User Display Mask

Default		Option	ON	OFF
OFF	⌐_⌐	1	Installer Programming prompt ON	Installer Programming prompt OFF
ON	⌐_⌐	2	Stay Arm prompt ON	Stay Arm prompt OFF
ON	⌐_⌐	3	Quick Arm prompt ON	Quick Arm prompt OFF
ON	⌐_⌐	4	Interior Arm prompt ON	Interior Arm prompt OFF
OFF	⌐_⌐	5	Quick Exit prompt ON	Quick Exit prompt OFF
ON	⌐_⌐	6	View Event Buffer prompt ON	View Event Buffer prompt OFF
OFF	⌐_⌐	7	For Future Use	
OFF	⌐_⌐	8	Music Input Control prompt ON	Music Input Control prompt OFF

[62] Third User Display Mask

Default		Option	ON	OFF
ON	⌐_⌐	1	System Test prompt ON	System Test prompt OFF
ON	⌐_⌐	2	Time and Date prompt ON	Time and Date prompt OFF
ON	⌐_⌐	3	Auto Arm Control prompt ON	Auto Arm Control prompt OFF
ON	⌐_⌐	4	Auto Arm Time prompt ON	Auto Arm Time prompt OFF
ON	⌐_⌐	5	Download Enable prompt ON	Download Enable prompt OFF
ON	⌐_⌐	6	Bright Control prompt ON	Bright Control prompt OFF
ON	⌐_⌐	7	Contrast Control prompt ON	Contrast Control prompt OFF
ON	⌐_⌐	8	Buzzer Control prompt ON	Buzzer Control prompt OFF

[63] Downloaded LCD Message Duration

Default: 003 ⌐_⌐_⌐_⌐ (Valid entries are 000-255, 000=Unlimited Message Display. This number represents the number of times the Downloaded message is cleared by pressing any key while the message is up after timeout)

[64] Key Options

Default		Option	ON	OFF
ON	⌐_⌐	1	Fire Keys enabled	Fire Keys disabled
ON	⌐_⌐	2	Auxiliary Keys enabled	Auxiliary Keys disabled
ON	⌐_⌐	3	Panic Keys enabled	Panic Keys disabled
OFF	⌐_⌐	4-8	For Future Use	

[66] Keypad Options

Default		Option	ON	OFF
ON	⌐_⌐	1	Display Access Code when Programming	Display 'X' when Programming
ON	⌐_⌐	2	Local Clock Display enabled	Local Clock Display disabled
OFF	⌐_⌐	3-8	For Future Use	

[98] Initiate Global Label Broadcast

All LCD programming is done by keypad. If more than one LCD keypad is present it is not necessary to program each independently. Labels programmed in one keypad can be broadcast to all other LCD keypads. The following is the procedure for broadcasting labels:

Step 1 - Program one LCD keypad completely.
Step 2 - Make sure all LCD keypads are connected to the Keybus.
Step 3 - Enter LCD Programming at the keypad that was programmed.
Step 4 - Enter Section [98] at the keypad that was programmed.
The keypad will now broadcast all the information programmed to all the other LCD keypads on the system.
When the keypad is finished press the [#] key to exit.

[99] Factory Default LCD Keypad

The following is the procedure for factory defaulting an LCD keypad:
• Enter LCD Programming at the keypad to be defaulted. Enter Section [99]. Press the [#] when programming is complete.

Downloading Labels to an LCD Keypad

When downloading labels to an LCD keypad, the keypad must be on Slot 8. Only the keypad on Slot 8 will have the labels downloaded to it. If there are more than one LCD5500 requiring the same labels, after the messages have been downloaded, a Gloabal Label Broadcast will have to be performed.

List of Available ASCII Characters

032	048	064	080	096	112	160	176	192	208	224	240
033	049	065	081	097	113	161	177	193	209	225	241
034	050	066	082	098	114	162	178	194	210	226	242
035	051	067	083	099	115	163	179	195	211	227	243
036	052	068	084	100	116	164	180	196	212	228	244
037	053	069	085	101	117	165	181	197	213	229	245
038	054	070	086	102	118	166	182	198	214	230	246
039	055	071	087	103	119	167	183	199	215	231	247
040	056	072	088	104	120	168	184	200	216	232	248
041	057	073	089	105	121	169	185	201	217	233	249
042	058	074	090	106	122	170	186	202	218	234	250
043	059	075	091	107	123	171	187	203	219	235	251
044	060	076	092	108	124	172	188	204	220	236	252
045	061	077	093	109	125	173	189	205	221	237	253
046	062	078	094	110	126	174	190	206	222	238	254
047	063	079	095	111	127	175	191	207	223	239	255

For the Record

Customer: _____

Address: _____

_____

Phone: _____ Installation Date: _____

Installer's Code: _____

Module Name	Description	Physical Location
PC5016	Main Panel	
PC5108	Zone Expander 1	
PC5108	Zone Expander 2	
PC5108	Zone Expander 3	
PC5108	Zone Expander 4	
PC5108	Zone Expander 5	
PC5108	Zone Expander 6	
PC5204	Power Supply / Output Expander	
PC5208	Output Expander	
PC5400	Serial Printer Module	
Escort5580	Voice Prompt Module	
PC5928	Audio Interface Module	
LINKS1000/GSM1000	Cellular Communicator	

Keypads	Keypad Type	Physical Location
Keypad 1		
Keypad 2		
Keypad 3		
Keypad 4		
Keypad 5		
Keypad 6		
Keypad 7		
Keypad 8		

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