Zone Assignment

PC5010 – Zone 1-16 Assignment

System Zone	Partition (1, 2)	Zone Label	Zone Type	Zone Attributes – Audible/Silent	Steady/Pulsed	Chime	Bypass	Force	Swing.	Tx Del.	Wireless	Serial Number (Wireless)
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												

PC5010 – Zone 17-32 Assignment

System Zone	Partition 1	Partition 2	Zone Label	Zone Type	Zone Attributes — Audible/Silent	Steady/Pulsed	Chime	Bypass	Force	Swing.	Tx Del.	Wireless	Serial Number (Wireless)
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 00-21)

[2] Function Key 2 Assignment (Valid entries are 00-21)

[3] Function Key 3 Assignment (Valid entries are 00-21)

[4] Function Key 4 Assignment (Valid entries are 00-21)

[5] Function Key 5 Assignment (Valid entries are 00-21)

01 Select Partition 1 from Global	**08** [✶][1] Bypass Mode	**15** General Voice Prompt Help
02 Select Partition 2 from Global	**09** [✶][2] Trouble Display	**16** [✶][0] Quick Exit
03 Stay Arm	**10** [✶][3] Alarm Memory	**17** [✶][1] Reactivate Stay/Away's
04 Away Arm	**11** [✶][5] User Programming	**18** Identified Voice prompt Help
05 [✶][9] No-Entry Arm	**12** [✶][6] User Functions	**19** Command Output 3 [✶][7][3]
06 [✶][4] Chime On / Off	**13** Command Output 1 [✶][7][1]	**20** For future use
07 [✶][6][——][4] System Test	**14** Command Output 2 [✶][7][2] (Sensor Reset)	**21** Command Output 4 [✶][7][4]

	Partition and Slot (Address)	Function Key 1	Function Key 2	Function Key 3	Function Key 4	Function Key 5
PC55XXZ Defaults	11	03	04	06	14	16
LCD5500Z 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)	**09** 24 Hour Supervisory	**18** 24 Hour Sprinkler
01 Delay 1	**10** 24 Hour Supervisory Buzzer	**19** 24 Hour Water
02 Delay 2	**11** 24 Hour Burglary	**20** 24 Hour Freeze
03 Instant	**12** 24 Hour Holdup	**21** 24 Hour Latching Tamper
04 Interior	**13** 24 Hour Gas	**22** Momentary Keyswitch Arm
05 Interior, Stay/Away	**14** 24 Hour Heat	**23** Maintained Keyswitch Arm
06 Delay, Stay/Away	**15** 24 Hour Medical	**24** LINKS Answer
07 Delayed 24 Hour Fire (Hardwired)	**16** 24 Hour Panic	**87** Delay 24 Hour Fire (Wireless)
08 Standard 24 Hour Fire (Hardwired)	**17** 24 Hour Emergency	**88** Standard 24 Hour Fire (Wireless)

[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		
030	|___|___|___|	Entry Delay 1 (001-255 seconds) (5.15 "Entry/Exit Delay Options")
045	|___|___|___|	Entry Delay 2 (001-255 seconds) (5.15 "Entry/Exit Delay Options")
120	|___|___|___|	Exit Delay (001-255 seconds) (5.15 "Entry/Exit Delay Options")
004	|___|___|___|	Bell Cut-off (001-255 minutes) (5.12 "Siren")

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

Default

5010 |___|___|___|___|

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

Default

1234 |___|___|___|___|

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

Default

AAAA |___|___|___|___|

Programmable Output Options

00	Not used	**13**	Kissoff Output
01	Burglary and Fire Bell Output	**14**	Ground Start Pulse
02	For future use	**15**	Remote Operation (DLS-1 support)
03	Sensor Reset [✶][7][2]	**16**	LINKS 1000 Support (PGM 1 only)
04	2-Wire Smoke Support (PGM2 Only)	**17**	Stay Arm
05	System (Partition) Armed Status	**18**	Away Arm
06	Ready To Arm	**19**	[✶][7][1] Command Output
07	Keypad Buzzer Follow Mode	**20**	[✶][7][2] Command Output
08	Courtesy Pulse	**21**	[✶][7][3] Command Output
09	System Trouble Output (with Trouble options)	**22**	[✶][7][4] Command Output
10	Latched System Event [Strobe (with Event options)]	**23**	Silent 24-Hr (PGM2 Only)
11	System Tamper (all sources: zones, kpd, modules)	**24**	Audible 24-Hr (PGM2 Only)
12	TLM and Alarm		

NOTE: PGM output options [03], [04] and [20] cannot be used together on the same system.

[009] PC5010 PGM Output Programming (PGM 1 & 2) (Section 5.10 "PGM Outputs")

Default

19 |___|___| 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 5.22 "Keypad Lockout")

Default

000 |___|___|___| Number of Invalid Codes Before Lockout (enter 000-255)

000 |___|___|___| Lockout Duration (000-255 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*	Panel Shows All Troubles While Armed	Panel Shows Fire Troubles Only While Armed	3.4
OFF	⌐___⌐ 4	Tampers/Faults Do Not Show as Open	Tampers/Faults Show as Open	5.25
OFF	⌐___⌐ 5	Zone 1 is Fast Loop Response	Zone 1 is Standard Loop Response	5.24
ON	⌐___⌐ 6	Audible Exit Fault Enabled	Audible Exit Fault Disabled	5.15
ON	⌐___⌐ 7	Event Buffer Follows Swinger Shutdown	Event Buffer Logs Events Past shutdown	5.16
OFF	⌐___⌐ 8	Temporal Three Fire Signal enabled	Standard Pulsed Fire Signal	5.12

* Option 3 must be OFF if LCD5500 keypads older than v2.0 are used.

[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	5.15
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	5.12

[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 ([✶][0]/Function keys)	Quick Arming Disabled / Function keys Require Code	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	5.20
OFF	⌐___⌐ 8	Keypad Tampers enabled	Keypad Tampers disabled	5.25

[020] Keypad Zone Assignments (Section 5.1.1 "Assigning Keypad Zones")

(Valid entries are zones 01-32) *NOTE: Only one keypad may be assigned to each zone.*

Default	Zone Address	Keypad	Default	Zone Address	Keypad
00	⌐__⌐__⌐	1	00	⌐__⌐__⌐	5
00	⌐__⌐__⌐	2	00	⌐__⌐__⌐	6
00	⌐__⌐__⌐	3	00	⌐__⌐__⌐	7
00	⌐__⌐__⌐	4	00	⌐__⌐__⌐	8

♦ Required for UL listed systems.
▲ Required for UL Grade A systems.

Advanced System Programming

Zone Attribute Defaults (Y = Option ON; N = Option OFF):

Attribute:		1	2	3	4	5	6	7	8
	ON	Audible	Steady	Chime	Bypass	Force	Swing	Tx. Delay	Wireless Zn.
	OFF	Silent	Pulsed	No	No	No	No	No	No
Zone Definition:									
00 Null Zone		N	N	N	N	N	N	N	N
01 Delay 1		Y	Y	Y	Y	N	Y	N	N
02 Delay 2		Y	Y	Y	Y	N	Y	N	N
03 Instant		Y	Y	Y	Y	N	Y	N	N
04 Interior		Y	Y	N	Y	N	Y	N	N
05 Int. Stay/Away		Y	Y	N	Y	Y	Y	N	N
06 Dly. Stay/Away		Y	Y	N	Y	Y	Y	N	N
07 Dly. 24hr Fire (Hardw.)		Y	N	N	N	N	N	N	N
08 Stand. 24hr Fire (Hardw.)		Y	N	N	N	N	N	N	N
09 24hr Superv.		N	Y	N	N	Y	N	N	N
10 24hr Superv. Buzzer		N	Y	N	Y	N	N	N	N
11 24hr Burglary		Y	Y	N	Y	N	N	N	N
12 24hr Holdup		N	Y	N	N	N	N	N	N
13 24hr Gas♦		Y	N	N	N	N	N	N	N
14 24hr Heat		Y	N	N	N	N	N	N	N
15 24hr Medical		Y	Y	N	N	N	N	N	N
16 24hr Panic		Y	Y	N	N	N	N	N	N
17 24hr Emergency		Y	Y	N	N	N	N	N	N
18 24hr Sprinkler		Y	Y	N	N	N	N	N	N
19 24hr Water		Y	Y	N	N	N	N	N	N
20 24hr Freeze		Y	Y	N	N	N	N	N	N
21 24hr Latching Tamper		Y	Y	N	N	N	N	N	N
22 Momentary Keyswitch		N	N	N	N	Y	N	N	N
23 Maintained Keyswitch		N	N	N	N	Y	N	N	N
24 LINKS Answer		N	N	N	N	Y	N	N	N
87 Dly. 24hr Fire (Wireless)		Y	N	N	N	N	N	N	Y
88 Stand. 24hr Fire (Wireless)		Y	N	N	N	N	N	N	Y

♦ Has not been investigated by UL for use with a carbon monoxide detector.

Zone 1-32 Attributes (Section 5.2 "Zone Attributes", see also section 5.1 "Zone Definitions")

Section	Zone	Zone Defn.	1	2	3	4	5	6	7	8
[101]	1	( )*	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[102]	2	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[103]	3	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[104]	4	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[105]	5	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[106]	6	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[107]	7	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[108]	8	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[109]	9	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[110]	10	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[111]	11	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[112]	12	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[113]	13	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[114]	14	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[115]	15	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[116]	16	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[117]	17	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[118]	18	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[119]	19	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[120]	20	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[121]	21	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[122]	22	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[123]	23	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[124]	24	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[125]	25	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[126]	26	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|

*Record here based on programming in sections [001] - [004].

Section	Zone	Zone Defn.	1	2	3	4	5	6	7	8
[127]	27	( )*	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[128]	28	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[129]	29	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[130]	30	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[131]	31	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[132]	32	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟

*Record here based on programming in sections [001] - [004].

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 Attribute Defaults (Y = Attribute ON; N = Attribute OFF):

Attribute:		1	2	3	4	5
	ON	Part. 1 enabled	Part. 2 enabled	True Output	5 sec. pulse	Code Req.
	OFF	Disabled	Disabled	Inverted	On / Off	No Code Req.
PGM Option						
[01] Burg. / Fire Bell**				Y		
[03] Sensor Reset		Y	N	Y		N
[04] 2-wire Smoke				Y		N
[05] Armed Status		Y	N	Y		
[06] Ready To Arm		Y	N	Y		
[07] Kypd Bzz Follow		Y	N	Y		
[08] Courtesy Pulse		Y	N	Y		
[11] System Tamper				Y		
[12] TLM and Alarm				Y		
[13] Kiss-off				Y		
[14] Gnd Strt Pulse				Y		
[15] Remote Op.				Y		
[16] LINKS 1000 Sup.				Y		
[17] Away Armed Status		Y	N	Y		
[18] Stay Armed Status		Y	N	Y		
[19] Comm. Output #1		Y	N	Y	Y	Y
[20] Comm. Output #2		Y	N	Y	Y	N
[21] Comm. Output #3		Y	N	Y	Y	N
[22] Comm. Output #4		Y	N	Y	Y	N
[23] Silent 24 Hr				Y*		
[24] Audible 24 Hr				Y*		

* **PGM attribute (3) must be ON for PGM output types [04], [23] and [24] for proper operation.**

** **PGM option [01] Burg./Fire Bell cannot be partitioned.**

Attribute:		1	2	3	4	5	6	7	8
PGM Option									
	ON	Serv. req.	AC Fail	TLM Fault	FTC	Zone Fault	Zone Tmp.	Zn. Low Bat.	Loss of Clock
	OFF	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
[09] System Trouble		Y	Y	Y	Y	Y	Y	Y	Y
	ON	Burg. Evnt.	Fire Evnt.	Panic Evnt.	Med. Evnt.	Supv. Evnt.	Priority Evnt.	Holdup Evnt.	—
	OFF	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	—
[10] Latched Sys. Event		Y	Y	Y	Y	Y	Y	Y	

Section	PGM #	PGM Option	1	2	3	4	5	6	7	8
PC5010										
[141]	1	( )*	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[142]	2	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
PC5208										
[143]	3	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[144]	4	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[145]	5	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[146]	6	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[147]	7	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[148]	8	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[149]	9	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟
[150]	10	( )	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟	⌞_⌟

*Record here based on programming in sections [009] - [011].

Section	PGM #	PGM Option	1	2	3	4	5	6	7	8
PC5204										
[151]	11	( )*	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋
[152]	12	( )	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋
[153]	13	( )	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋
[154]	14	( )	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋	⌊___⌋

*Record here based on programming in sections [009] - [011].

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

Default: 008 ⌊___⌊___⌊___⌋ Valid entries are 001-255 attempts (Do not enter 000)♦

♦ For UL listed systems, must be programmed for between 5 and 10 attempts.

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

Default: 040 ⌊___⌊___⌊___⌋ Valid entries are 001-255 seconds

Zone Programming

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

Default		Option	ON	OFF
OFF	⌊___⌋	1	Partition 2 is Enabled	Partition 2 is Disabled
OFF	⌊___⌋	2-8	For Future Use	

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

Default		Option	ON	OFF
ON	⌊___⌋	1	Zone 1 is on Partition 1	Zone 1 is not on Partition 1
ON	⌊___⌋	2	Zone 2 is on Partition 1	Zone 2 is not on Partition 1
ON	⌊___⌋	3	Zone 3 is on Partition 1	Zone 3 is not on Partition 1
ON	⌊___⌋	4	Zone 4 is on Partition 1	Zone 4 is not on Partition 1
ON	⌊___⌋	5	Zone 5 is on Partition 1	Zone 5 is not on Partition 1
ON	⌊___⌋	6	Zone 6 is on Partition 1	Zone 6 is not on Partition 1
ON	⌊___⌋	7	Zone 7 is on Partition 1	Zone 7 is not on Partition 1
ON	⌊___⌋	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	⌊___⌋	1	Zone 9 is on Partition 1	Zone 9 is not on Partition 1
OFF	⌊___⌋	2	Zone 10 is on Partition 1	Zone 10 is not on Partition 1
OFF	⌊___⌋	3	Zone 11 is on Partition 1	Zone 11 is not on Partition 1
OFF	⌊___⌋	4	Zone 12 is on Partition 1	Zone 12 is not on Partition 1
OFF	⌊___⌋	5	Zone 13 is on Partition 1	Zone 13 is not on Partition 1
OFF	⌊___⌋	6	Zone 14 is on Partition 1	Zone 14 is not on Partition 1
OFF	⌊___⌋	7	Zone 15 is on Partition 1	Zone 15 is not on Partition 1
OFF	⌊___⌋	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	⌊___⌋	1	Zone 17 is on Partition 1	Zone 17 is not on Partition 1
OFF	⌊___⌋	2	Zone 18 is on Partition 1	Zone 18 is not on Partition 1
OFF	⌊___⌋	3	Zone 19 is on Partition 1	Zone 19 is not on Partition 1
OFF	⌊___⌋	4	Zone 20 is on Partition 1	Zone 20 is not on Partition 1
OFF	⌊___⌋	5	Zone 21 is on Partition 1	Zone 21 is not on Partition 1
OFF	⌊___⌋	6	Zone 22 is on Partition 1	Zone 22 is not on Partition 1
OFF	⌊___⌋	7	Zone 23 is on Partition 1	Zone 23 is not on Partition 1
OFF	⌊___⌋	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	�	1	Zone 25 is on Partition 1	Zone 25 is not on Partition 1
OFF	⌐	2	Zone 26 is on Partition 1	Zone 26 is not on Partition 1
OFF	⌐	3	Zone 27 is on Partition 1	Zone 27 is not on Partition 1
OFF	⌐	4	Zone 28 is on Partition 1	Zone 28 is not on Partition 1
OFF	⌐	5	Zone 29 is on Partition 1	Zone 29 is not on Partition 1
OFF	⌐	6	Zone 30 is on Partition 1	Zone 30 is not on Partition 1
OFF	⌐	7	Zone 31 is on Partition 1	Zone 31 is not on Partition 1
OFF	⌐	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")

NOTE: If using the SIA communication format, only the partition 1 identifier will be used as the account code.

[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 5
	Zone 2		Zone 6
	Zone 3		Zone 7
	Zone 4		Zone 8

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

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

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

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

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

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

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

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

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

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

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

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

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

	_____	____	____		Zone 25		_____	____	____		Zone 29
	_____	____	____		Zone 26		_____	____	____		Zone 30
	_____	____	____		Zone 27		_____	____	____		Zone 31
	_____	____	____		Zone 28		_____	____	____		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		_____	____	____		Cross Zone Police Code Alarm

[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
	_____	____	____		PGM2 Alarm		_____	____	____		PGM2 Restoral

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

	_____	____	____	Code 25		_____	____	____	Code 29
	_____	____	____	Code 26		_____	____	____	Code 30
	_____	____	____	Code 27		_____	____	____	Code 31
	_____	____	____	Code 28		_____	____	____	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 5
	_	_	_	Code 2		_	_	_	Code 6
	_	_	_	Code 3		_	_	_	Code 7
	_	_	_	Code 4		_	_	_	Code 8

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

	_	_	_	Code 9		_	_	_	Code 13
	_	_	_	Code 10		_	_	_	Code 14
	_	_	_	Code 11		_	_	_	Code 15
	_	_	_	Code 12		_	_	_	Code 16

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

	_	_	_	Code 17		_	_	_	Code 21
	_	_	_	Code 18		_	_	_	Code 22
	_	_	_	Code 19		_	_	_	Code 23
	_	_	_	Code 20		_	_	_	Code 24

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

	_	_	_	Code 25		_	_	_	Code 29
	_	_	_	Code 26		_	_	_	Code 30
	_	_	_	Code 27		_	_	_	Code 31
	_	_	_	Code 28		_	_	_	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 Code (via LINKS)
	_	_	_	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

|_|_|_| Phone Number 2 Failure to Communicate

|_|_|_| Event Buffer is 75% Full Since Last Upload

|_|_|_| DLS Lead IN

|_|_|_| DLS Lead OUT

|_|_|_| General Zone Trouble Alarm

|_|_|_| General Zone Trouble Restore

|_|_|_| Delinquency Code

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

|⎵⎵| Periodic Test Transmission |⎵⎵| LINKS 1000 Test Transmission Code

|⎵⎵| System Test

[353] Wireless Maintenance Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

|⎵⎵| General Zone Low Battery Alarm |⎵⎵| General Zone Low Battery Restore

[360] Communicator Format Options (Section 5.6 "Communicator – Reporting Formats")
NOTE: The 3rd phone number follows the format programmed for the 1st phone number.

Default

02	|⎵⎵| 1st Phone Number	
02	|⎵⎵| 2nd Phone Number	

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

[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 LINKS)	Disabled
OFF	|⎵| 4	2nd Telephone Number (via LINKS)	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 LINKS)	Disabled
OFF	|⎵| 4	2nd Telephone Number (via LINKS)	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 LINKS)	Disabled
OFF	|⎵| 4	2nd Telephone Number (via LINKS)	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 LINKS)	Disabled
OFF	|⎵| 4	2nd Telephone Number (via LINKS)	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 LINKS)	Disabled
OFF	|⎵| 4	2nd Telephone Number (via LINKS)	Disabled
OFF	|⎵| 5-8	For Future Use	

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

Default	Option		ON	OFF
ON	L___I	1	1st Telephone Number	Disabled
OFF	L___I	2	2nd Telephone Number	Disabled
OFF	L___I	3	1st Telephone Number (via LINKS)	Disabled
OFF	L___I	4	2nd Telephone Number (via LINKS)	Disabled
OFF	L___I	5-8	For Future Use	

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

Default	Option		ON	OFF
ON	L___I	1	1st Telephone Number	Disabled
OFF	L___I	2	2nd Telephone Number	Disabled
OFF	L___I	3	1st Telephone Number (via LINKS)	Disabled
OFF	L___I	4	2nd Telephone Number (via LINKS)	Disabled
OFF	L___I	5-8	For Future Use	

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

Default	Option		ON	OFF
ON	L___I	1	1st Telephone Number	Disabled
OFF	L___I	2	2nd Telephone Number	Disabled
OFF	L___I	3	1st Telephone Number (via LINKS)	Disabled
OFF	L___I	4	2nd Telephone Number (via LINKS)	Disabled
OFF	L___I	5-8	For Future Use	

♦ Required for Grades B and C central stations.

[370] Communication Variables

Default			Section
003	L__I__I__I	Swinger Shutdown (Alarms and Rest) ♦ (001-014 Transmissions, 000=disabled)	5.17
003	L__I__I__I	Swinger Shutdown (Tampers and Rest) ♦ (001-014 Transmissions, 000=disabled)	5.17
003	L__I__I__I	Swinger Shutdown (Maint and Rest) (001-014 Transmissions, 000=disabled)	5.17
000	L__I__I__I	Transmission Delay Time ♦ (001-255 seconds)	5.18
030	L__I__I__I	AC Failure Communication Delay (001-255 minutes)	5.7.7
003	L__I__I__I	TLM Trouble Delay (No. of checks required, 003-255)	5.11
030	L__I__I__I	Test Transmission Cycle (land line)▲ (001-255 days)	5.13
030	L__I__I__I	Test Transmission Cycle (LINKS)▲ (001-255 days)	5.13
007	L__I__I__I	Zone Low Battery Transmission Delay (000-255 days)	5.27
030	L__I__I__I	Delinquency Transmisison Cycle (000-255 days / hours*)	5.7.11

*Depends on programming in section [380], option [8].
♦ Shall not be used on UL listed systems.
▲ Program as 001 on UL listed systems.

NOTE: To disable the AC failure communications delay, program [000].

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

Default: 9999　　L__I__I__I__I　　(Valid entries are 0000-2359, 9999 to disable)

[380] First Communicator Option Code

Default	Option		ON	OFF	Section
ON	L___I	1	Communications Enabled♦	Communications Disabled	5.3
OFF	L___I	2	Restorals on Bell Time-out	Restorals Follow Zones	5.7.2
OFF	L___I	3	Pulse Dialing	DTMF Dialing	5.3
ON	L___I	4	Switch to Pulse Dialing on 5th Attempt	DTMF Dial For All Attempts	5.3
OFF	L___I	5	3rd Phone Number enabled	3rd Phone Number disabled	5.4
OFF	L___I	6	Alternate Dial (1st and 3rd)	Call 1st Number, Backup to 3rd	5.4
OFF	L___I	7	Call LINKS as well as Land Line	LINKS is Backup of Land Line(s)	5.26
OFF	L___I	8	Delinquency Follows Zone Activity (hrs)	Delinquency Follows Arming (days)	5.7.11

♦ Required for commercial burglary applications.

[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
ON	|___| 5	Phone 1 & 3 Listen-in enabled	Disabled	5.30
OFF	|___| 6	Phone 2 Listen-in enabled	Disabled	5.30
OFF	|___| 7-8	For Future Use		

[390] LINKS Preamble (First Telephone Number) (Section 5.26 "LINKS 1000 Cellular Communicator")

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

[391] LINKS Preamble (Second Telephone Number) (Section 5.26 "LINKS 1000 Cellular Communicator")

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

[392] LINKS Preamble (Third Telephone Number) (Section 5.26 "LINKS 1000 Cellular Communicator")

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

[393] LINKS Special Function Preamble (All Telephone Numbers) (Section 5.26 "LINKS 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	Ans. Mach. Override/Double Call enabled	Ans. Mach. Override/Double Call disabled
ON	|___| 2	User Can Enable DLS Window	User Cannot Enable DLS Window
OFF	|___| 3	Call-Back Enabled	Call-Back Disabled
OFF	|___| 4	User-initiated call-up enabled	User-initiated call-up disabled
OFF	|___| 5-8	For Future Use	

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

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

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

Default: 5010 |___|___|___|___|

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

Default: 5010 |___|___|___|___|

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

Default: 060 |___|___|___| (Valid entries are 001-255 seconds)

[406] Number of Rings to Answer On
(Section 5.8 "Downloading")

Default: 000 |___|___|___| (Valid entries are 000-012 rings)

[490] LINKS Preamble (Downloading Telephone Number) (Section 5.8 "Downloading")

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

[499] [Installer's Code] [499] Initiate PC-Link (Local Downloading)
(Section 5.8 "Downloading")

♦ NOTE: The downloading feature has not been investigated by UL.

Module Programming

[801] PC5400 Printer Module Programming
> Please refer to your PC5400 Installation Manual for installation and programming instructions.

[802] PC59XX Audio Interface Programming
> Please refer to your PC59XX Installation Manual for installation and programming instructions.

[803] LINKS2X50 Long Range Radio Interface Programming
> Please refer to your LINKS2X50 Installation Manual for installation and programming instructions.

[804] PC5132 Wireless Expansion Programming
> Please refer to your PC5132 Installation Manual for programming locations and instructions.

[805] AML Support Programming
> Please refer to your PC5100 Installation Instructions for programming locations and instructions.

Special Installer Functions

[901] Installer Walk Test Mode Enable / Disable (Section 5.33 "Walk Test [Installer]")

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

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

[904] Wireless Module Placement Test (Section 5.27 "Wireless Expansion")
> • Select the module / transmitter (Zones 01-32).
> • Press [#] to Cancel.

Placement	Led Keypad	LCD Keypad	Bell / Buzzer
Good	Light 1 ON Steady	GOOD	1 Beep / Squawk
Fair	Light 2 ON Steady	FAIR	2 Beeps / Squawks
Bad	Light 3 ON Steady	BAD	3 Beeps / Squawks

[990] Installer Lockout Enable (Section 5.32 "Installer Lockout")

[991] Installer Lockout Disable (Section 5.32 "Installer Lockout")

[993] Restore LINKS2X50 Factory Default Programming (Section 5.31 "Default [Factory]")

[995] Restore Escort5580 Factory Default Programming (Section 5.31 "Default [Factory]")

[996] Restore PC5132 Factory Default Programming (Section 5.31 "Default [Factory]")

[997] Restore PC5400 Factory Default Programming (Section 5.31 "Default [Factory]")

[998] Restore PC59XX Factory Default Programming (Section 5.31 "Default [Factory]")

[999] Restore Factory Default Programming (Section 5.31 "Default [Factory]")

Programming LCD5500(Z) Keypads

How to Program the LCD Keypad

If you have an LCD5500(Z) 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 [∗], [8], [Installer Code] (Enter Installer Programming). Press the [∗] 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 PC5010 Installation Manual.

Programmable Labels

❗ ***If you install any LCD5500 v1.x keypads, after you download the labels (for zones, partitions, etc.) to the keypads, you may have to power the keypads down and then up, and re-select the keypad language, for the keypads to display properly.***

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 [∗] key and scroll to "Save" then press the [∗] 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] Partition 1 and [41] Partition 2 "Command Output 1" Label (14 Characters)

Default `Command_O/P_1_`

[44] Partition 1 and [45] Partition 2 "Command Output 2" Label (14 Characters)

Default `Command_O/P_2_`

[46] Partition 1 and [47] Partition 2 "Command Output 3" Label (14 Characters)

Default `Command_O/P_3_`

[48] Partition 1 and [49] Partition 2 "Command Output 4" Label (14 Characters)

Default `Command_O/P_4_`

[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	Prompt OFF
ON	∟__∟	2	Stay Arm prompt ON	Prompt OFF
ON	∟__∟	3	Quick Arm prompt ON	Prompt OFF
ON	∟__∟	4	Interior Arm prompt ON	Prompt OFF
OFF	∟__∟	5	Quick Exit prompt ON	Prompt OFF
ON	∟__∟	6	View Event Buffer prompt ON	Prompt OFF
OFF	∟__∟	7	For Future Use	
OFF	∟__∟	8	Enable Background Music prompt ON	Enable Background Music prompt OFF

[62] Third User Display Mask

Default	Option		ON	OFF
ON	∟__∟	1	System Test prompt ON	Prompt OFF
ON	∟__∟	2	Time and Date prompt ON	Prompt OFF
ON	∟__∟	3	Auto-Arm Control prompt ON	Prompt OFF
ON	∟__∟	4	Auto-Arm Time prompt ON	Prompt OFF
ON	∟__∟	5	Download Enable prompt ON	Prompt OFF
ON	∟__∟	6	Bright Control prompt ON	Prompt OFF
ON	∟__∟	7	Contrast Control prompt ON	Prompt OFF
ON	∟__∟	8	Buzzer Control prompt ON	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	Disabled
ON	∟__∟	2	Auxiliary Keys enabled	Disabled
ON	∟__∟	3	Panic Keys enabled	Disabled
OFF	∟__∟	4-8	For Future Use	

[65] Fourth User Display Mask

Default	Option		ON	OFF
ON	∟__∟	1	User Initiated Call-up Prompt ON	User Initiated Call-up Prompt OFF
OFF	∟__∟	2	Last Code to Disarm/Arm prompt ON	Last Code to Disarm/Arm prompt OFF
OFF	∟__∟	3	Walk Test Prompt ON	Walk Test prompt OFF
ON	∟__∟	4	Command Output #1 prompt ON	Command Output #1 prompt OFF
ON	∟__∟	5	Command Output #2 prompt ON	Command Output #2 prompt OFF
OFF	∟__∟	6	Command Output #3 prompt ON	Command Output #2 prompt OFF
OFF	∟__∟	7	Command Output #4 prompt ON	Command Output #2 prompt OFF
OFF	∟__∟	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	Disabled
OFF	∟__▢	3	Local Clock Displays 24-hr Time	Local Clock Displays AM/PM
ON	∟__▢	4	Auto Alarm Scroll Enabled	Disabled
ON	∟__▢	5	Local Display of Temperature Enabled*	Disabled
OFF	∟__▢	5-8	For Future Use	

[67] Fifth User Display Mask

Default	Option		ON	OFF
OFF	∟__▢	1	Thermostat CTRL Prompt ON*	Thermostat CTRL Prompt ON
OFF	∟__▢	2	Temperature Setting Prompt ON*	Temperature Setting Prompt ON
OFF	∟__▢	3	Occupancy Mode Prompt ON*	Occupancy Mode Prompt ON
OFF	∟__▢	4	Thermostat Mode Prompt ON*	Thermostat Mode Prompt ON
OFF	∟__▢	5	Fan Control Prompt ON*	Fan Control Prompt ON
OFF	∟__▢	6	For Keypad View Prompt ON*	For Keypad View Prompt ON
OFF	∟__▢	7-8	For Future Use	

[68] Sixth User Display Mask

Default	Option		ON	OFF
OFF	∟__▢	1	Occupancy Mode Auxiliary Prompt ON*	Occupancy Mode Auxiliary Prompt OFF
OFF	∟__▢	2	Occupancy Mode Day Prompt ON*	Occupancy Mode Day Prompt OFF
OFF	∟__▢	3	Occupancy Mode Away Prompt ON*	Occupancy Mode Away Prompt OFF
OFF	∟__▢	4	Occupancy Mode Night Prompt ON*	Occupancy Mode Night Prompt OFF
OFF	∟__▢	5-8	For Future Use	

NOTE: These options are only relevant if you are using an LCD5500Z keypad v2.1 or higher.

[97] View Software Version

[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

ASCII Characters

(space) 032	0 048	@ 064	P 080	` 096	p 112	(space) 160	ー 176	タ 192	ミ 208	α 224	p 240
! 033	1 049	A 065	Q 081	a 097	q 113	。 161	ア 177	チ 193	ム 209	ä 225	q 241
" 034	2 050	B 066	R 082	b 098	r 114	「 162	イ 178	ツ 194	メ 210	β 226	θ 242
# 035	3 051	C 067	S 083	c 099	s 115	」 163	ウ 179	テ 195	モ 211	ε 227	∞ 243
$ 036	4 052	D 068	T 084	d 100	t 116	、 164	エ 180	ト 196	ヤ 212	μ 228	Ω 244
% 037	5 053	E 069	U 085	e 101	u 117	・ 165	オ 181	ナ 197	ユ 213	σ 229	ü 245
& 038	6 054	F 070	V 086	f 102	v 118	ヲ 166	カ 182	ニ 198	ヨ 214	ρ 230	Σ 246
' 039	7 055	G 071	W 087	g 103	w 119	ァ 167	キ 183	ヌ 199	ラ 215	g 231	π 247
(040	8 056	H 072	X 088	h 104	x 120	ィ 168	ク 184	ネ 200	リ 216	√ 232	x̄ 248
) 041	9 057	I 073	Y 089	i 105	y 121	ゥ 169	ケ 185	ノ 201	ル 217	(−1) 233	y 249
* 042	: 058	J 074	Z 090	j 106	z 122	ェ 170	コ 186	ハ 202	レ 218	j 234	千 250
+ 043	; 059	K 075	[091	k 107	{ 123	ォ 171	サ 187	ヒ 203	ロ 219	× 235	万 251
, 044	< 060	L 076	¥ 092	l 108	| 124	ャ 172	シ 188	フ 204	ワ 220	¢ 236	円 252
- 045	= 061	M 077	] 093	m 109	} 125	ュ 173	ス 189	ヘ 205	ン 221	£ 237	÷ 253
. 046	> 062	N 078	^ 094	n 110	→ 126	ョ 174	セ 190	ホ 206	゛ 222	ñ 238	254
/ 047	? 063	O 079	_ 095	o 111	← 127	ッ 175	ソ 191	マ 207	゜ 223	ö 239	█ 255

CHANGES FOR PC5010 V2.0

The PC5010 v2.0 software incorporates several new features and changes. The most important additions listed below:

False Alarm Reduction Features

The following features have been added to reduce the number of false alarms caused by user error.

Rotating Keypress Buffer

The panel will look for any 4 digits in a row which match a valid code when the user attempts to disarm the system. Keypad Lockout can still be enabled if required. Every fourth or sixth key will count as one bad attempt depending on the code length.

Cross Zone Police Code

This reporting code provides an additional report the the central station about events on the premises. The cross zone police code is transmitted when there are two different alarms during any armed-to-armed period. (See section 5.7 "Communicator Reporting Codes" in the Programming Manual.)

Other Programming Changes and Additions

Activity/Closing Delinquency Reporting

Delinquency reporting can be set up to follow zone activity or arming. (See section 5.7 "Communicator Reporting Codes" in the Programming Manual.)

New PGM Output Types

[03] Sensor Reset. This output allows power reset of latching smoke detectors using the [✶][7][2] command.

[15]: Remote Operation. This output can be activated and deactivated remotely using the DLS-1 software.

[19] - [22]: Command Output options 1-4 allow users to activate/deactive a PGM output by entering [✶][7][1-4]. These outputs can be used for operating devices such as garage door opener, special lighting or door strikes. They can also be used to command an Automation Item programmed in the ESCORT 5580.

[23]: The Silent 24 Hour (PGM2 only) output option allows a silent alarm to be triggered and a signal to be sent to central station. This input does not follow Swinger Shutdown.

[24]: The Audible 24 Hour (PGM2 only) Alarm output option allows an audible alarm to be triggered and a signal to be sent to central station.

See section 5.10 "PGM Output Options" in the Programming Manual.

NOTE: Output types [03], [04] and [20] cannot be used together on the same system.

Wireless Support

A wireless attribute has been added to the zone attribute sections (programming sections [101]-[132]) so that double end of line resistors are not requried for wireless supervision.

LINKS Test Transmission

A separate LINKS Test Transmission is available. (See section 5.13 "Test Transmission" in the Programming Manual.)

New Keypad Features

Keypads with zone inputs are now available. The new LDC5500Z keypads have the following additional features: Autoscroll of alarm memory; 24-hour time display; viewing of troubles while armed; and keypad backlighting boost. (See sections 3.4 "[✶] Commands" and 3.7 "Features available for the LCD5500Z" in the Programming Manual.)

New Downloading Software

Downloading Software DLS-1 Version 6.4 must be used to upload and download with the new PC5010 v2.0 Software. Do not attempt to perform downloading/uploading functions with earlier software.

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Programming
Worksheets

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S E C U R I T Y   S Y S T E M

PC5O1O

Version 2.O

Table of Contents

For the Record

Customer: _____

Address: _____

_____

Phone: _____ Installation Date: _____

Installer's Code: _____

Module Name	Description	Physical Location
PC5010	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	
PC5100	Addressable Device Interface Module	
PC5132	Wireless Expander	
PC5204	Power Supply / Output Expander	
PC5208	Output Expander	
PC5400	Serial Printer Module	
PC5700	Fire Module	
Escort5580	Voice Prompt Module	
PC5928	Audio Interface Module	
LINKS1000	Cellular Communicator	
LINKS2X50	Long Range Radio Transmitter	

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