

Programming Worksheets

DSC™
Power 832™

WITH



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

PC5015
Version 2.5U

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ASCII Characters		Inside back cover

For the Record

Customer: _____

Address: _____

Phone: _____ Installation Date: _____

Installer's Code: _____

Module Name	Description	Physical Location
PC5015	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	_____
PC5108L	Zone Expander with Camera Support	_____
PC5132	Wireless Expander	_____
PC5204	Power Supply/Output Expander	_____
PC5208	Output Expander	_____
PC5400	Serial Printer Module	_____
PC5700	Fire Module	_____
DLM-4	Downlook Module	_____
Escort5580	Voice Prompt Module	_____
PC5928	Audio Interface Module	_____
GSM1000	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	_____	_____

Keypad Programming

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

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

[0] Slot Address (Valid entries are 01-08, 11-18 and 21-28)

[1] Function Key 1 Assignment (Valid entries are 00-25)

[2] Function Key 2 Assignment (Valid entries are 00-25)

[3] Function Key 3 Assignment (Valid entries are 00-25)

[4] Function Key 4 Assignment (Valid entries are 00-25)

[5] Function Key 5 Assignment (Valid entries are 00-25)

00 Null Key (Not Used)

01 Select Partition 1 from Global

02 Select Partition 2 from Global

03 Stay Arm

04 Away Arm

05 [*][9] No-Entry Arm

06 [*][4] Chime On / Off

07 [*][6][—][4] System Test

08 [*][1] Bypass Mode

09 [*][2] Trouble Display

10 [*][3] Alarm Memory

11 [*][5] User Programming

12 [*][6] User Functions

13 Command Output 1 [*][7][1]

14 Command Output 2 [*][7][2]
(Sensor Reset)

15 General Voice Prompt Help

16 [*][0] Quick Exit

17 [*][1] Reactivate Stay/Away's

18 Identified Voice prompt Help

19 Command Output 3 [*][7][3]

20 For future use

21 Command Output 4 [*][7][4]

22 Active Camera Monitor Selection

23 Bypass Recall

24 Recall Bypass Group #1

25 Recall Bypass Group #2

	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)	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 Keypress Arm
03 Instant	13 24 Hour Gas	23 Maintained Keypress Arm
04 Interior	14 24 Hour Heat	24 For Future Use
05 Interior, Stay/Away	15 24 Hour Medical	25 Interior Delay
06 Delay, Stay/Away	16 24 Hour Panic	26 24 Hour Non-alarm
07 Delayed 24 Hour Fire (Hardwired)	17 24 Hour Emergency	27 Push to Set
08 Standard 24 Hour Fire (Hardwired)	18 24 Hour Sprinkler	28 24 Hour Bell/Buzzer
09 24 Hour Supervisory	19 24 Hour Water	87 Delay 24 Hour Fire (Wireless)
		88 Standard 24 Hour Fire (Wireless)

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

Default	Default
01 <input type="text"/> Zone 1	03 <input type="text"/> Zone 5
25 <input type="text"/> Zone 2	03 <input type="text"/> Zone 6
03 <input type="text"/> Zone 3	03 <input type="text"/> Zone 7
03 <input type="text"/> Zone 4	05 <input type="text"/> Zone 8

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

Default	Default
03 <input type="text"/> Zone 9	03 <input type="text"/> Zone 13
03 <input type="text"/> Zone 10	03 <input type="text"/> Zone 14
03 <input type="text"/> Zone 11	03 <input type="text"/> Zone 15
03 <input type="text"/> Zone 12	03 <input type="text"/> Zone 16

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

Default	Default
03 <input type="text"/> Zone 17	03 <input type="text"/> Zone 21
03 <input type="text"/> Zone 18	03 <input type="text"/> Zone 22
03 <input type="text"/> Zone 19	03 <input type="text"/> Zone 23
03 <input type="text"/> Zone 20	03 <input type="text"/> Zone 24

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

Default	Default
03 <input type="text"/> Zone 25	03 <input type="text"/> Zone 29
03 <input type="text"/> Zone 26	03 <input type="text"/> Zone 30
03 <input type="text"/> Zone 27	03 <input type="text"/> Zone 31
03 <input type="text"/> Zone 28	03 <input type="text"/> Zone 32

[005] System Times

Default	
030 <input type="text"/>	Entry Delay 1 (001-255 seconds) (5.15 "Entry/Exit Delay Options")
045 <input type="text"/>	Entry Delay 2 (001-255 seconds) (5.15 "Entry/Exit Delay Options")
030 <input type="text"/>	Exit Delay (001-255 seconds) (5.15 "Entry/Exit Delay Options")
020 <input type="text"/>	Bell Cut-off (001-255 minutes) (5.12 "Siren")

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

Default
5555

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

Default
1234

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

Default
AAAA

Programmable Output Options

- 01 Fire and Burglary Output
- 02 Not used
- 03 Sensor Reset [★][7][2]
- 04 2 Wire Smoke Support (PGM 2 only)
- 05 Armed Status
- 06 Ready To Arm
- 07 Keypad Buzzer Follow Mode
- 08 Courtesy Pulse
- 09 System Trouble Output (with Trouble options)
- 10 System Event (with Event options)
- 11 System Tamper (all sources: zones, keypad, modules)
- 12 TLM and Alarm
- 13 Kissoff Output
- 14 Ground Start Pulse
- 15 Remote Operation (DLS-1 support)
- 16 GSM1000 Support (PGM 1 only)
- 17 Away Armed Status
- 18 Stay Armed Status
- 19 Command Output #1 [★][7][1]
- 20 Command Output #2 [★][7][2]
- 21 Command Output #3 [★][7][3]
- 22 Command Output #4 [★][7][4]
- 23 Silent 24 Hour (PGM2 Only)
- 24 Audible 24 Hour (PGM2 Only)
- 25 Delayed Fire and Burglary Output

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

[009] PC5015 PGM Output Programming (PGM 1 & 2) (Section 5.10 "PGM Outputs")

Default

- 07 PGM 1
- 10 PGM 2

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

Default

- 01 PGM 3
- 01 PGM 4
- 01 PGM 5
- 01 PGM 6

Default

- 01 PGM 7
- 01 PGM 8
- 01 PGM 9
- 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	<input type="checkbox"/>	1	Normally Closed Loops	End-of-Line Resistors 2.9
ON	<input type="checkbox"/>	2	Double End-of-Line Resistors	Single End-of-Line Resistors 2.9
OFF	<input type="checkbox"/>	3*	Panel Shows All Troubles While Armed	Panel Shows Fire Troubles While Armed 3.4
OFF	<input type="checkbox"/>	4	Tampers/Faults Do Not Show as Open	Tampers/Faults Show as Open 5.25
OFF	<input type="checkbox"/>	5	Zone 1 is Fast Loop Response	Zone 1 is Standard Loop Response 5.24
OFF	<input type="checkbox"/>	6	Audible Exit Fault Enabled	Disabled 5.15
ON	<input type="checkbox"/>	7	Event Buffer Follows Swinger Shutdown	Event Buffer Logs Events Past Shutdown 5.16
OFF	<input type="checkbox"/>	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	<input type="checkbox"/>	1	Arm / Disarm Bell Squawk enabled	Disabled 5.20
OFF	<input type="checkbox"/>	2	Bell Squawk During Auto-Arm	No Bell Squawk During Auto-Arm 5.15
OFF	<input type="checkbox"/>	3	Bell Squawk On Exit Delay	No Bell Squawk On Exit Delay 5.15
OFF	<input type="checkbox"/>	4	Bell Squawk On Entry Delay	No Bell Squawk On Entry Delay 5.15
OFF	<input type="checkbox"/>	5	Bell Squawk On Trouble	No Bell Squawk On Trouble 3.4
ON	<input type="checkbox"/>	6	Audible Exit With Urgency	Silent Exit Delay 5.15

OFF	<input type="checkbox"/>	7	Exit Delay Termination Enabled	Disabled	5.15
OFF	<input type="checkbox"/>	8	Fire Bell is Continuous	Fire Bell Follows Bell Cut-off	5.12

[015] Third System Option Code

Default		Option	ON	OFF	Section
ON	<input type="checkbox"/>	1	Fire Keys Enabled	Disabled	5.14
ON	<input type="checkbox"/>	2	Panic Keys Audible (Bell / Beeps)	Panic Keys Silent	5.14
ON	<input type="checkbox"/>	3	Quick Exit Enabled	Disabled	3.4
ON	<input type="checkbox"/>	4	Quick Arming Enabled ([*][0] and function keys do not require code)	Disabled (Function keys require code)	3.4
ON	<input type="checkbox"/>	5	Code Required For Bypassing *	No Code Required	3.4
OFF	<input type="checkbox"/>	6	Master Code Not Changeable	Master Code Changeable	3.1
OFF	<input type="checkbox"/>	7	TLM Enabled	Disabled	5.11
OFF	<input type="checkbox"/>	8	TLM Audible When Armed	TLM Trouble Only When Armed	5.11

*If option [5] is ON, function keys programmed as [08] Bypass Mode will require an access code to be entered when used, even if option [4] is also ON.

[016] Fourth System Option Code

Default		Option	ON	OFF	Section
ON	<input type="checkbox"/>	1	AC Trouble Displayed	AC Trouble Not Displayed	3.4
ON	<input type="checkbox"/>	2	Trouble Light Flashes if AC Fails	Trouble Light Does Not Follow AC Status	3.4
OFF	<input type="checkbox"/>	3	Blank Keypad When Not Used	Keypad Active Always	5.23
OFF	<input type="checkbox"/>	4	Code Required to Remove Keypad Blanking	No Code Required	5.23
ON	<input type="checkbox"/>	5	Keypad Backlighting is Enabled	Disabled	5.19
OFF	<input type="checkbox"/>	6	Power Save Mode Enabled	Disabled	5.23
OFF	<input type="checkbox"/>	7	Bypass Status Displayed While Armed	Bypass Status Not Displayed While Armed	5.20
ON	<input type="checkbox"/>	8	Keypad Tamper Enabled	Disabled	5.25

[017] Fifth System Option Code

Default		Option	ON	OFF	Section
OFF	<input type="checkbox"/>	1	For Future Use		
ON	<input type="checkbox"/>	2	Partition 1 Auto-Arm Schedule in [*][6]	In Installer Prog. Only	5.21
ON	<input type="checkbox"/>	3	Partition 2 Auto-Arm Schedule in [*][6]	In Installer Prog. Only	5.21
OFF	<input type="checkbox"/>	4	Double Hit Enabled	Disabled	5.7.3
OFF	<input type="checkbox"/>	5	Late to Close Enabled	Disabled	5.21
ON	<input type="checkbox"/>	6	Daylight Savings Time Enabled	Disabled	5.18
ON	<input type="checkbox"/>	7	Periodic Camera Test Enabled	Disabled	5.27.2
ON	<input type="checkbox"/>	8	Push to Set Audible	Push to Set Silent	5.1

[018] Sixth System Option Code

Default		Option	ON	OFF	Section
OFF	<input type="checkbox"/>	1	Troubles are Latching	Troubles Follow Restore	3.4
OFF	<input type="checkbox"/>	2	Engineer's Reset Enabled	Disabled	5.30
OFF	<input type="checkbox"/>	3	For Future Use		
OFF	<input type="checkbox"/>	4	Contact I.D. Partial Close Identifier is a 5	Partial Close Identifier is a 4	5.6.2
OFF	<input type="checkbox"/>	5	For Future Use		
OFF	<input type="checkbox"/>	6	Audible RF Jam Trouble Beeps	Silent RF Jam Trouble Beeps	3.4
OFF	<input type="checkbox"/>	7	Remote Reset Enabled	Disabled	5.31
OFF	<input type="checkbox"/>	8	Alarm Displayed While Armed Enabled	Disabled	5.20

[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	<input type="text"/>	1	00	<input type="text"/>	5
00	<input type="text"/>	2	00	<input type="text"/>	6
00	<input type="text"/>	3	00	<input type="text"/>	7
00	<input type="text"/>	4	00	<input type="text"/>	8

Advanced System Programming

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

Attribute:	ON OFF	1 Audible Silent	2 Steady Pulsed	3 Chime No	4 Bypass No	5 Force No	6 Swing. No	7 Tx. Delay No	8 Wireless No
Zone Definition:									
00 Null Zone		N	N	N	N	N	N	N	N
01 Delay 1		Y	Y	Y	N	N	Y	N	N
02 Delay 2		Y	Y	Y	N	N	Y	N	N
03 Instant		Y	Y	N	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 Delay, Stay/Away		Y	Y	N	Y	Y	Y	N	N
07 Delay 24Hr Fire (Hardwired)		Y	N	N	N	N	N	N	N
08 Stand. 24Hr Fire (Hardwired)		Y	N	N	N	N	N	N	N
09 24 Hour Supervisory		N	Y	N	N	Y	Y	N	N
10 24 Hour Superv. Buzzer		N	Y	N	Y	N	Y	N	N
11 24 Hour Burglary		Y	Y	N	Y	N	Y	N	N
12 24 Hour Holdup		N	Y	N	N	N	Y	N	N
13 24 Hour Gas		Y	N	N	N	N	Y	N	N
14 24 Hour Heat		Y	N	N	N	N	Y	N	N
15 24 Hour Medical		Y	Y	N	N	N	Y	N	N
16 24 Hour Panic		Y	Y	N	N	N	Y	N	N
17 24 Hour Emergency		Y	Y	N	N	N	Y	N	N
18 24 Hour Sprinkler		Y	Y	N	N	N	Y	N	N
19 24 Hour Water		Y	Y	N	N	N	Y	N	N
20 24 Hour Freeze		Y	Y	N	N	N	Y	N	N
21 24 Hour Latching Tamper		Y	Y	N	N	N	Y	N	N
22 Momentary Keypad		N	N	N	N	Y	Y	N	N
23 Maintained Keypad		N	N	N	N	Y	Y	N	N
24 GSM1000 Answer		N	N	N	N	Y	Y	N	N
25 Interior Delay		Y	Y	N	Y	N	Y	N	N
26 24 Hour Non-Alarm		N	N	N	N	Y	Y	N	N
27 Push to Set		N	N	N	N	Y	N	N	N
28 24-hour Bell/Buzzer		Y	Y	N	N	N	N	N	Y
87 Delay 24 Hr Fire (Wireless)		Y	N	N	N	N	N	N	Y
88 Stand. 24Hr Fire (Wireless)		Y	N	N	N	N	N	N	Y

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

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

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

Section	Zone	Zone Defn.	1	2	3	4	5	6	7	8
[127]	27	()*	<input type="checkbox"/>							
[128]	28	()	<input type="checkbox"/>							
[129]	29	()	<input type="checkbox"/>							
[130]	30	()	<input type="checkbox"/>							
[131]	31	()	<input type="checkbox"/>							
[132]	32	()	<input type="checkbox"/>							

*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 OFF	Part. 1 enabled Disabled	Part. 2 enabled Disabled	True Output Inverted	5 sec. pulse On / Off	Code Req. No Code Req.
PGM Option						
[01] Burg. / Fire Bell**			Y			
[03] Sensor Reset	Y	N	Y		N	
[04] 2 Wire Smoke Support	Y		Y		N	
[05] Armed Status	Y	N	Y			
[06] Ready To Arm	Y	N	Y			
[07] Keypad Buzzer Follow	Y	N	Y			
[08] Courtesy Pulse	Y	N	Y			
[11] System Tamper			Y			
[12] TLM and Alarm			Y			
[13] Kiss-off			Y			
[14] Ground Start Pulse			Y			
[15] Remote Operation			Y			
[16] GSM1000 Support			Y			
[17] Away Armed Status	Y	N	Y			
[18] Stay Armed Status	Y	N	Y			
[19] Comm. Output #1	Y	N	Y	Y	N	
[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 Hour			Y*			
[24] Audible 24 Hour			Y*			
[25] Delayed Burglary and Fire Bell	Y	N	Y			

* PGM attribute (3) must be ON for PGM output types [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 OFF	Serv. req. Disabled	AC Fail Disabled	TLM Fault Disabled	FTC Disabled	Zone Fault Disabled	Zone Temp. Disabled	Zn. Low Bat. Disabled	Loss of Clock Disabled
[09] System Trouble		Y	Y	Y	Y	Y	Y	Y	Y
	ON OFF	Burg. Evnt. Disabled	Fire Evnt. Disabled	Panic Evnt. Disabled	Med. Evnt. Disabled	Supv. Evnt. Disabled	Priority Evnt. Disabled	Holdup Evnt. Disabled	Follows Timer* Latched
[10] Latched Sys. Event		Y	Y	Y	Y	Y	Y	Y	N

* If Attribute [8] is turned ON, Attributes [1-7] must also be turned ON.

Section	PGM #	PGM Option	1	2	3	4	5	6	7	8
PC5015										
[141]	1	()*	<input type="checkbox"/>							
[142]	2	()	<input type="checkbox"/>							
PC5208										
[143]	3	()	<input type="checkbox"/>							
[144]	4	()	<input type="checkbox"/>							
[145]	5	()	<input type="checkbox"/>							
[146]	6	()	<input type="checkbox"/>							
[147]	7	()	<input type="checkbox"/>							
[148]	8	()	<input type="checkbox"/>							
[149]	9	()	<input type="checkbox"/>							
[150]	10	()	<input type="checkbox"/>							
PC5204										
[151]	11	()	<input type="checkbox"/>							
[152]	12	()	<input type="checkbox"/>							
[153]	13	()	<input type="checkbox"/>							
[154]	14	()	<input type="checkbox"/>							

*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- 015 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.
 - [164] PGM Output Timer (Section 5.10 "Programmable Output")
Default: 005 Valid entries are 001-255 seconds.
 - [170] For Future Use
 - [172] Burglary Verified Timer (Section 5.12 "Siren")
Default: 000 Valid entries are 000-255 minutes.
 - [175] Bell Delay Timer (Section 5.7.3 "Cross Zone Police Code Reporting")
Default: 000 Valid entries are 000-255 minutes.

Auto-Arm Schedule

Enter a four digit entry (HH:MM) for each day that Auto-Arm is to occur.
All entries are 9999 (disabled) by default. Valid entries are 0000-2399.

Partition 1 Schedule (Section 5.21 "Automatic Arming")

- [180] Sunday Autoarm Time
- [181] Monday Autoarm Time
- [182] Tuesday Autoarm Time
- [183] Wednesday Autoarm Time
- [184] Thursday Autoarm Time
- [185] Friday Autoarm Time
- [186] Saturday Autoarm Time

Partition 2 Schedule

- [187] Sunday Autoarm Time
- [188] Monday Autoarm Time
- [189] Tuesday Autoarm Time
- [190] Wednesday Autoarm Time
- [191] Thursday Autoarm Time
- [192] Friday Autoarm Time
- [193] Saturday Autoarm Time

Zone Programming

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

Default		Option	ON	OFF
OFF	<input type="checkbox"/>	1	Partition 2 is Enabled	Disabled
OFF	<input type="checkbox"/>	2-8	For Future Use	

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

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	Zone 1 is on Partition 1	Zone 1 is not on Partition 1
ON	<input type="checkbox"/>	2	Zone 2 is on Partition 1	Zone 2 is not on Partition 1
ON	<input type="checkbox"/>	3	Zone 3 is on Partition 1	Zone 3 is not on Partition 1
ON	<input type="checkbox"/>	4	Zone 4 is on Partition 1	Zone 4 is not on Partition 1
ON	<input type="checkbox"/>	5	Zone 5 is on Partition 1	Zone 5 is not on Partition 1
ON	<input type="checkbox"/>	6	Zone 6 is on Partition 1	Zone 6 is not on Partition 1
ON	<input type="checkbox"/>	7	Zone 7 is on Partition 1	Zone 7 is not on Partition 1
ON	<input type="checkbox"/>	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
ON	<input type="checkbox"/>	1	Zone 9 is on Partition 1	Zone 9 is not on Partition 1
ON	<input type="checkbox"/>	2	Zone 10 is on Partition 1	Zone 10 is not on Partition 1
ON	<input type="checkbox"/>	3	Zone 11 is on Partition 1	Zone 11 is not on Partition 1
ON	<input type="checkbox"/>	4	Zone 12 is on Partition 1	Zone 12 is not on Partition 1
ON	<input type="checkbox"/>	5	Zone 13 is on Partition 1	Zone 13 is not on Partition 1
ON	<input type="checkbox"/>	6	Zone 14 is on Partition 1	Zone 14 is not on Partition 1
ON	<input type="checkbox"/>	7	Zone 15 is on Partition 1	Zone 15 is not on Partition 1
ON	<input type="checkbox"/>	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
ON	<input type="checkbox"/>	1	Zone 17 is on Partition 1	Zone 17 is not on Partition 1
ON	<input type="checkbox"/>	2	Zone 18 is on Partition 1	Zone 18 is not on Partition 1
ON	<input type="checkbox"/>	3	Zone 19 is on Partition 1	Zone 19 is not on Partition 1
ON	<input type="checkbox"/>	4	Zone 20 is on Partition 1	Zone 20 is not on Partition 1
ON	<input type="checkbox"/>	5	Zone 21 is on Partition 1	Zone 21 is not on Partition 1
ON	<input type="checkbox"/>	6	Zone 22 is on Partition 1	Zone 22 is not on Partition 1
ON	<input type="checkbox"/>	7	Zone 23 is on Partition 1	Zone 23 is not on Partition 1
ON	<input type="checkbox"/>	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
ON	<input type="checkbox"/>	1	Zone 25 is on Partition 1	Zone 25 is not on Partition 1
ON	<input type="checkbox"/>	2	Zone 26 is on Partition 1	Zone 26 is not on Partition 1
ON	<input type="checkbox"/>	3	Zone 27 is on Partition 1	Zone 27 is not on Partition 1
ON	<input type="checkbox"/>	4	Zone 28 is on Partition 1	Zone 28 is not on Partition 1
ON	<input type="checkbox"/>	5	Zone 29 is on Partition 1	Zone 29 is not on Partition 1

ON	<input type="checkbox"/>	6	Zone 30 is on Partition 1	Zone 30 is not on Partition 1
ON	<input type="checkbox"/>	7	Zone 31 is on Partition 1	Zone 31 is not on Partition 1
ON	<input type="checkbox"/>	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	<input type="checkbox"/>	1	Zone 1 is on Partition 2	Zone 1 is not on Partition 2
OFF	<input type="checkbox"/>	2	Zone 2 is on Partition 2	Zone 2 is not on Partition 2
OFF	<input type="checkbox"/>	3	Zone 3 is on Partition 2	Zone 3 is not on Partition 2
OFF	<input type="checkbox"/>	4	Zone 4 is on Partition 2	Zone 4 is not on Partition 2
OFF	<input type="checkbox"/>	5	Zone 5 is on Partition 2	Zone 5 is not on Partition 2
OFF	<input type="checkbox"/>	6	Zone 6 is on Partition 2	Zone 6 is not on Partition 2
OFF	<input type="checkbox"/>	7	Zone 7 is on Partition 2	Zone 7 is not on Partition 2
OFF	<input type="checkbox"/>	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	<input type="checkbox"/>	1	Zone 9 is on Partition 2	Zone 9 is not on Partition 2
OFF	<input type="checkbox"/>	2	Zone 10 is on Partition 2	Zone 10 is not on Partition 2
OFF	<input type="checkbox"/>	3	Zone 11 is on Partition 2	Zone 11 is not on Partition 2
OFF	<input type="checkbox"/>	4	Zone 12 is on Partition 2	Zone 12 is not on Partition 2
OFF	<input type="checkbox"/>	5	Zone 13 is on Partition 2	Zone 13 is not on Partition 2
OFF	<input type="checkbox"/>	6	Zone 14 is on Partition 2	Zone 14 is not on Partition 2
OFF	<input type="checkbox"/>	7	Zone 15 is on Partition 2	Zone 15 is not on Partition 2
OFF	<input type="checkbox"/>	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	<input type="checkbox"/>	1	Zone 17 is on Partition 2	Zone 17 is not on Partition 2
OFF	<input type="checkbox"/>	2	Zone 18 is on Partition 2	Zone 18 is not on Partition 2
OFF	<input type="checkbox"/>	3	Zone 19 is on Partition 2	Zone 19 is not on Partition 2
OFF	<input type="checkbox"/>	4	Zone 20 is on Partition 2	Zone 20 is not on Partition 2
OFF	<input type="checkbox"/>	5	Zone 21 is on Partition 2	Zone 21 is not on Partition 2
OFF	<input type="checkbox"/>	6	Zone 22 is on Partition 2	Zone 22 is not on Partition 2
OFF	<input type="checkbox"/>	7	Zone 23 is on Partition 2	Zone 23 is not on Partition 2
OFF	<input type="checkbox"/>	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	<input type="checkbox"/>	1	Zone 25 is on Partition 2	Zone 25 is not on Partition 2
OFF	<input type="checkbox"/>	2	Zone 26 is on Partition 2	Zone 26 is not on Partition 2
OFF	<input type="checkbox"/>	3	Zone 27 is on Partition 2	Zone 27 is not on Partition 2
OFF	<input type="checkbox"/>	4	Zone 28 is on Partition 2	Zone 28 is not on Partition 2
OFF	<input type="checkbox"/>	5	Zone 29 is on Partition 2	Zone 29 is not on Partition 2
OFF	<input type="checkbox"/>	6	Zone 30 is on Partition 2	Zone 30 is not on Partition 2
OFF	<input type="checkbox"/>	7	Zone 31 is on Partition 2	Zone 31 is not on Partition 2
OFF	<input type="checkbox"/>	8	Zone 32 is on Partition 2	Zone 32 is not on Partition 2

-
- | | |
|----------------------------------|----------------------------------|
| <input type="checkbox"/> Zone 11 | <input type="checkbox"/> Zone 15 |
| <input type="checkbox"/> Zone 12 | <input type="checkbox"/> Zone 16 |
- [326] Alarm Restoral Reporting Codes, Zones 17-24 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|----------------------------------|----------------------------------|
| <input type="checkbox"/> Zone 17 | <input type="checkbox"/> Zone 21 |
| <input type="checkbox"/> Zone 18 | <input type="checkbox"/> Zone 22 |
| <input type="checkbox"/> Zone 19 | <input type="checkbox"/> Zone 23 |
| <input type="checkbox"/> Zone 20 | <input type="checkbox"/> Zone 24 |
- [327] Alarm Restoral Reporting Codes, Zones 25-32 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|----------------------------------|----------------------------------|
| <input type="checkbox"/> Zone 25 | <input type="checkbox"/> Zone 29 |
| <input type="checkbox"/> Zone 26 | <input type="checkbox"/> Zone 30 |
| <input type="checkbox"/> Zone 27 | <input type="checkbox"/> Zone 31 |
| <input type="checkbox"/> Zone 28 | <input type="checkbox"/> Zone 32 |
- [328] Miscellaneous Alarm Reporting Codes (Section 5.7 "Communicator – Reporting Codes")
- | | |
|--|---|
| <input type="checkbox"/> Duress Alarm | <input type="checkbox"/> Zone Expander Supervisory Alarm |
| <input type="checkbox"/> Opening After Alarm | <input type="checkbox"/> Zone Expander Supervisory Restoral |
| <input type="checkbox"/> Recent Closing | <input type="checkbox"/> Cross Zone Police Code Alarm |
- [329] Priority Alarm and Restoral (Section 5.7 "Communicator – Reporting Codes")
- | | |
|---|--|
| <input type="checkbox"/> Keypad Fire Alarm | <input type="checkbox"/> Keypad Fire Restoral |
| <input type="checkbox"/> Keypad Auxiliary Alarm | <input type="checkbox"/> Keypad Auxiliary Restoral |
| <input type="checkbox"/> Keypad Panic Alarm | <input type="checkbox"/> Keypad Panic Restoral |
| <input type="checkbox"/> PGM2 Alarm | <input type="checkbox"/> PGM2 Restoral |
- [330] Tamper Reporting Codes, Zones 1-8 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> Zone 1 | <input type="checkbox"/> Zone 5 |
| <input type="checkbox"/> Zone 2 | <input type="checkbox"/> Zone 6 |
| <input type="checkbox"/> Zone 3 | <input type="checkbox"/> Zone 7 |
| <input type="checkbox"/> Zone 4 | <input type="checkbox"/> Zone 8 |
- [331] Tamper Reporting Codes, Zones 9-16 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|----------------------------------|----------------------------------|
| <input type="checkbox"/> Zone 9 | <input type="checkbox"/> Zone 13 |
| <input type="checkbox"/> Zone 10 | <input type="checkbox"/> Zone 14 |
| <input type="checkbox"/> Zone 11 | <input type="checkbox"/> Zone 15 |
| <input type="checkbox"/> Zone 12 | <input type="checkbox"/> Zone 16 |
- [332] Tamper Reporting Codes, Zones 17-24 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|----------------------------------|----------------------------------|
| <input type="checkbox"/> Zone 17 | <input type="checkbox"/> Zone 21 |
| <input type="checkbox"/> Zone 18 | <input type="checkbox"/> Zone 22 |
| <input type="checkbox"/> Zone 19 | <input type="checkbox"/> Zone 23 |
| <input type="checkbox"/> Zone 20 | <input type="checkbox"/> Zone 24 |
- [333] Tamper Reporting Codes, Zones 25-32 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|----------------------------------|----------------------------------|
| <input type="checkbox"/> Zone 25 | <input type="checkbox"/> Zone 29 |
| <input type="checkbox"/> Zone 26 | <input type="checkbox"/> Zone 30 |
| <input type="checkbox"/> Zone 27 | <input type="checkbox"/> Zone 31 |
| <input type="checkbox"/> Zone 28 | <input type="checkbox"/> Zone 32 |
- [334] Tamper Restoral Reporting Codes, Zones 1-8 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> Zone 1 | <input type="checkbox"/> Zone 5 |
| <input type="checkbox"/> Zone 2 | <input type="checkbox"/> Zone 6 |

-
- | | |
|-----------------------------|-----------------------------|
| <input type="text"/> Zone 3 | <input type="text"/> Zone 7 |
| <input type="text"/> Zone 4 | <input type="text"/> Zone 8 |
- [335] Tamper Restoral Reporting Codes, Zones 9-16 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|------------------------------|------------------------------|
| <input type="text"/> Zone 9 | <input type="text"/> Zone 13 |
| <input type="text"/> Zone 10 | <input type="text"/> Zone 14 |
| <input type="text"/> Zone 11 | <input type="text"/> Zone 15 |
| <input type="text"/> Zone 12 | <input type="text"/> Zone 16 |
- [336] Tamper Restoral Reporting Codes, Zones 17-24 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|------------------------------|------------------------------|
| <input type="text"/> Zone 17 | <input type="text"/> Zone 21 |
| <input type="text"/> Zone 18 | <input type="text"/> Zone 22 |
| <input type="text"/> Zone 19 | <input type="text"/> Zone 23 |
| <input type="text"/> Zone 20 | <input type="text"/> Zone 24 |
- [337] Tamper Restoral Reporting Codes, Zones 25-32 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|------------------------------|------------------------------|
| <input type="text"/> Zone 25 | <input type="text"/> Zone 29 |
| <input type="text"/> Zone 26 | <input type="text"/> Zone 30 |
| <input type="text"/> Zone 27 | <input type="text"/> Zone 31 |
| <input type="text"/> Zone 28 | <input type="text"/> Zone 32 |
- [338] Miscellaneous Tamper Reporting Codes (Section 5.7 "Communicator – Reporting Codes")
- | | |
|--|-------------------------------------|
| <input type="text"/> General System Tamper | <input type="text"/> Keypad Lockout |
| <input type="text"/> General System Tamper Rest. | |
- [339] Closing (Arming) Reporting Codes, Access Codes 1-8 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|-----------------------------|-----------------------------|
| <input type="text"/> Code 1 | <input type="text"/> Code 5 |
| <input type="text"/> Code 2 | <input type="text"/> Code 6 |
| <input type="text"/> Code 3 | <input type="text"/> Code 7 |
| <input type="text"/> Code 4 | <input type="text"/> Code 8 |
- [340] Closing (Arming) Reporting Codes, Access Codes 9-16 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|------------------------------|------------------------------|
| <input type="text"/> Code 9 | <input type="text"/> Code 13 |
| <input type="text"/> Code 10 | <input type="text"/> Code 14 |
| <input type="text"/> Code 11 | <input type="text"/> Code 15 |
| <input type="text"/> Code 12 | <input type="text"/> Code 16 |
- [341] Closing (Arming) Reporting Codes, Access Codes 17-24 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|------------------------------|------------------------------|
| <input type="text"/> Code 17 | <input type="text"/> Code 21 |
| <input type="text"/> Code 18 | <input type="text"/> Code 22 |
| <input type="text"/> Code 19 | <input type="text"/> Code 23 |
| <input type="text"/> Code 20 | <input type="text"/> Code 24 |
- [342] Closing (Arming) Reporting Codes, Access Codes 25-32 (Section 5.7 "Communicator – Reporting Codes")
- | | |
|------------------------------|------------------------------|
| <input type="text"/> Code 25 | <input type="text"/> Code 29 |
| <input type="text"/> Code 26 | <input type="text"/> Code 30 |
| <input type="text"/> Code 27 | <input type="text"/> Code 31 |
| <input type="text"/> Code 28 | <input type="text"/> Code 32 |
- [343] Miscellaneous Closing (Arming) Reporting Codes (Section 5.7 "Communicator – Reporting Codes")
- | | |
|--|--|
| <input type="text"/> Closing by Duress Code 33 | <input type="text"/> Closing by System Code 42 |
| <input type="text"/> Closing by Duress Code 34 | <input type="text"/> Partial Closing |

|_|_|_|	Closing by System Code 40	|_|_|_|	Special Closing
|_|_|_|	Closing by System Code 41	|_|_|_|	Late to Close

[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 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 #1 FTC Restore	|_|_|_|	DLS Lead OUT
|_|_|_|	Phone #2 FTC Restore	|_|_|_|	General Zone Trouble Alarm
|_|_|_|	Event Buffer 75% Full	|_|_|_|	General Zone Trouble Restore
|_|_|_|	DLS Lead IN	|_|_|_|	Delinquency Code

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

|_|_|_|	Periodic Test Transmission	|_|_|_|	GSM1000 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.
SIA FSK must be selected if Downlook is used.**

Default

09 ___ ___ 1st Phone Number

05 ___ ___ 2nd Phone Number

01 20 BPS, 1400 HZ handshake

05 Pager

02 20 BPS, 2300 HZ handshake

06 Private Line

03 DTMF CONTACT I.D.

07 10 BPS, 1400 Hz handshake

04 SIA FSK

08 10 BPS, 2300 Hz handshake

09 Scantronics Fast Slot 4-8-1

[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 GSM1000)	Disabled
OFF ___	4	2nd Telephone Number (via 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 GSM1000)	Disabled
OFF ___	4	2nd Telephone Number (via GSM1000)	Disabled
OFF ___	5-8	For Future Use	

[363] Partition 1 Tamper 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 GSM1000)	Disabled
OFF ___	4	2nd Telephone Number (via GSM1000)	Disabled
OFF ___	5-8	For Future Use	

[364] Partition 2 Tamper 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 GSM1000)	Disabled
OFF ___	4	2nd Telephone Number (via 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 GSM1000)	Disabled
OFF ___	4	2nd Telephone Number (via 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 GSM1000)	Disabled
OFF ___	4	2nd Telephone Number (via GSM1000)	Disabled
OFF ___	5-8	For Future Use	

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

Default	Option	ON	OFF
ON	<input type="checkbox"/>	1	1st Telephone Number Disabled
OFF	<input type="checkbox"/>	2	2nd Telephone Number Disabled
OFF	<input type="checkbox"/>	3	1st Telephone Number (via GSM1000) Disabled
OFF	<input type="checkbox"/>	4	2nd Telephone Number (via GSM1000) Disabled
OFF	<input type="checkbox"/>	5-8	For Future Use

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

Default	Option	ON	OFF
ON	<input type="checkbox"/>	1	1st Telephone Number Disabled
OFF	<input type="checkbox"/>	2	2nd Telephone Number Disabled
OFF	<input type="checkbox"/>	3	1st Telephone Number (via GSM1000) Disabled
OFF	<input type="checkbox"/>	4	2nd Telephone Number (via GSM1000) Disabled
OFF	<input type="checkbox"/>	5-8	For Future Use

NOTE: The GSM1000 backup call directions will only backup their respective phone number.

[370] Communication Variables

Default				Section
003	<input type="checkbox"/>	Swinger Shutdown (Alarms and Rest)	(000-255 Transmissions, 000=disabled)	5.17
003	<input type="checkbox"/>	Swinger Shutdown (Tampers and Rest)	(000-255 Transmissions, 000=disabled)	5.17
003	<input type="checkbox"/>	Swinger Shutdown (Maint and Rest)	(000-255 Transmissions, 000=disabled)	5.17
000	<input type="checkbox"/>	Transmission Delay Time	(000-255 seconds)	5.7.1
030	<input type="checkbox"/>	AC Failure Communication Delay	(000-255 minutes)	5.7.5
003	<input type="checkbox"/>	TLM Trouble Delay	(No. of checks required +3... 000-255 x 10s)	5.11
030	<input type="checkbox"/>	Test Transmission Cycle (land line)	(000-255 days)	5.13
030	<input type="checkbox"/>	Test Transmission Cycle (GSM1000)	(000-255 days)	5.13
003	<input type="checkbox"/>	Zone Low Battery Transmission Delay	(000-255 days)	5.7.2
030	<input type="checkbox"/>	Delinquency Transmisison Cycle	(000-255 hours/days)	5.7.4

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

NOTE: Transmission Delay cannot be used with Downlook.

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

NOTE: If the land line test transmission cycle is programmed in minutes (section [702], option [3]), this section will not affect the land line test transmission cycle.

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

[380] First Communicator Option Code

Default	Option	ON	OFF	Section
OFF	<input type="checkbox"/>	1	Communications Enabled Disabled	5.3
OFF	<input type="checkbox"/>	2	Restorals on Bell Time-out Restorals Follow Zones	5.7.6
OFF	<input type="checkbox"/>	3	Pulse Dialing DTMF Dialing	5.3
ON	<input type="checkbox"/>	4	Switch to Pulse Dialing on 5th Attempt DTMF Dial For All Attempts	5.3
ON	<input type="checkbox"/>	5	3rd Phone Number enabled Disabled	5.4
ON	<input type="checkbox"/>	6	Alternate Dial (1st and 3rd) Call 1st Number, Backup to 3rd	5.4
OFF	<input type="checkbox"/>	7	Call GSM1000 as well as Land Line GSM1000 is Backup of Land Line(s)	5.26
OFF	<input type="checkbox"/>	8	Activity Delinquency Closing Delinquency	5.7.4

[381] Second Communicator Option Code

Default	Option	ON	OFF	Section
OFF	<input type="checkbox"/>	1	Open After Alarm Kypd Ringback Enabled Disabled	5.20
OFF	<input type="checkbox"/>	2	Open After Alarm Bell Ringback Enabled Disabled	5.20
OFF	<input type="checkbox"/>	3	SIA Sends Programmed Rep. Codes SIA Sends Automatic Rep. Codes	5.6
OFF	<input type="checkbox"/>	4	Closing Confirmation Enabled Disabled	5.20
ON	<input type="checkbox"/>	5	Phone #1/3 Listen-in Enabled Disabled	5.27.1
OFF	<input type="checkbox"/>	6	Phone #2 Listen-in Enabled Disabled	5.27.1
ON	<input type="checkbox"/>	7	Contact I.D. Uses Pgm'd Rep. Codes Contact I.D. Uses Automatic Rep. Codes	5.6.2
OFF	<input type="checkbox"/>	8	Local Mode Enabled Disabled	

- [390] GSM1000 Preamble (First Telephone Number) (Section 5.26 "GSM 1000 Cellular Communicator")
Default: FFFF (Program all unused digits with Hex F)
- [391] GSM1000 Preamble (Second Telephone Number) (Section 5.26 "GSM 1000 Cellular Communicator")
Default: FFFF (Program all unused digits with Hex F)
- [392] GSM1000 Preamble (Third Telephone Number) (Section 5.26 "GSM 1000 Cellular Communicator")
Default: FFFF (Program all unused digits with Hex F)
- [393] GSM1000 Special Function Preamble (All Telephone Numbers) (Section 5.26 "GSM 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
ON <input type="text"/>	1	Answering Machine/ Double Call enabled	Disabled
ON <input type="text"/>	2	User Can Enable DLS Window	User Can Not Enable DLS Window
OFF <input type="text"/>	3	Call-Back Enabled	Disabled
OFF <input type="text"/>	4	User Initiated Call-up Enabled	Disabled
OFF <input type="text"/>	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: 5015
- [404] Panel Identification Code (Section 5.8 "Downloading")
Default: 5015
- [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 000-255 rings)
- [490] For Future Use
- [499] Initiate PC-Link (Local Downloading) (Section 5.8 "Downloading")

International Programming

[700] Automatic Clock Adjust (Section 5.34 "International Programming")
 Default: 60 (Valid entries are 00-99 seconds)

[701] First International Options Code (Section 5.34 "International Programming")

Default		Option	ON	OFF
ON	<input type="text"/>	1	50 Hz AC	60 Hz AC
OFF	<input type="text"/>	2	Time Base is Internal Crystal	Time Base is AC Line
OFF	<input type="text"/>	3	AC/DC Arming Inhibit Enabled	Disabled
OFF	<input type="text"/>	4	All System Tamperers Require Installer Reset	All System Tamperers Follow Restore
OFF	<input type="text"/>	5	6-Digit User Access Codes	4-Digit User Access Codes
OFF	<input type="text"/>	6	For Future Use	
OFF	<input type="text"/>	7	High Current Battery Charge	Regular Current Battery Charge
OFF	<input type="text"/>	8	Anti-Jam Feature Enabled	Disabled

[702] Second International Options Code (Section 5.34 "International Programming")

Default		Option	ON	OFF
ON	<input type="text"/>	1	Pulse Dialing Make/Break Ratio is 33/67	Pulse Dialing Make/Break Ratio is 40/60
ON	<input type="text"/>	2	Force Dialing enabled	Force Dialing disabled
OFF	<input type="text"/>	3	Land Line Test Transmission in minutes	Land Line Test Transmission in days*
OFF	<input type="text"/>	4	1600 Hz Handshake	Standard Handshake
OFF	<input type="text"/>	5	ID Tone enabled	ID Tone disabled
OFF	<input type="text"/>	6	2100 HZ ID Tone	1300 Hz ID Tone
OFF	<input type="text"/>	7	One Time 1-Hr User enabled DLS Window	Full 6-Hr User enabled DLS Window
OFF	<input type="text"/>	8	Bell on FTC when armed	FTC Trouble only when armed

*GSM1000 Test Transmission can only be programmed in days.

[703] Delay Between Dialing Attempts (Section 5.34 "International Programming")
 Default: 001 (Valid entries are 000-255 seconds)

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] Alternate Communicator

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.

[806] PC5108L Module Programming

Please refer to your PC5108L Installation Instructions for programming locations and instructions.

Special Installer Functions

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

NOTES: Walk Test should Always be entered from the normal state ([*] [8] [Installer's Code] [901]).

Fire Troubles are not supported in Walk Test.

Keypad Blanking must be removed before Walk Test can be disabled.

The option "Fire Bell is Continuous" should not be used in Walk Test.

[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

[906] Local Test of Downlook Remote Trigger

Enter this section to initiate a test of the Downlook Remote Trigger. To tell the panel which telephone number to use and how to send the remote trigger script, select one of the options below.

- | | |
|--------------------------------------|-------------------------------------|
| [1] Telephone number 1, via landline | [3] Telephone number 1, via GSM1000 |
| [2] Telephone number 2, via landline | [4] Telephone number 2, via GSM1000 |

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

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

[993] Restore Alternate Communicator 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 PC5015 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	<input type="checkbox"/>	1 Hold Panic Keys prompt ON	Hold Panic Keys prompt OFF
ON	<input type="checkbox"/>	2 Zone Bypassing prompt ON	Zone Bypass prompt OFF
ON	<input type="checkbox"/>	3 Troubles prompt ON	Troubles prompt OFF
ON	<input type="checkbox"/>	4 Alarm Memory prompt ON	Alarm Memory prompt OFF
ON	<input type="checkbox"/>	5 Door Chime Control prompt ON	Door Chime Control prompt OFF
ON	<input type="checkbox"/>	6 Access Codes prompt ON	Access Codes prompt OFF

ON	<input type="checkbox"/>	7	User Functions prompt ON	User Functions prompt OFF
ON	<input type="checkbox"/>	8	Output Control prompt ON	Output Control prompt OFF

[61] Second User Display Mask

Default		Option	ON	OFF
OFF	<input type="checkbox"/>	1	Installer Programming prompt ON	Prompt OFF
ON	<input type="checkbox"/>	2	Stay Arm prompt ON	Prompt OFF
ON	<input type="checkbox"/>	3	Quick Arm prompt ON	Prompt OFF
ON	<input type="checkbox"/>	4	Interior Arm prompt ON	Prompt OFF
OFF	<input type="checkbox"/>	5	Quick Exit prompt ON	Prompt OFF
ON	<input type="checkbox"/>	6	View Event Buffer prompt ON	Prompt OFF
OFF	<input type="checkbox"/>	7	For Future Use	
OFF	<input type="checkbox"/>	8	Enable Background Music prompt ON	Enable Background Music prompt OFF

[62] Third User Display Mask

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	System Test prompt ON	Prompt OFF
ON	<input type="checkbox"/>	2	Time and Date prompt ON	Prompt OFF
ON	<input type="checkbox"/>	3	Auto-Arm Control prompt ON	Prompt OFF
ON	<input type="checkbox"/>	4	Auto-Arm Time prompt ON	Prompt OFF
ON	<input type="checkbox"/>	5	Download Enable prompt ON	Prompt OFF
ON	<input type="checkbox"/>	6	Bright Control prompt ON	Prompt OFF
ON	<input type="checkbox"/>	7	Contrast Control prompt ON	Prompt OFF
ON	<input type="checkbox"/>	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	<input type="checkbox"/>	1	Fire Keys enabled	Disabled
ON	<input type="checkbox"/>	2	Auxiliary Keys enabled	Disabled
ON	<input type="checkbox"/>	3	Panic Keys enabled	Disabled
OFF	<input type="checkbox"/>	4-8	For Future Use	

[65] Fourth User Display Mask

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	User Initiated Call-up Prompt ON	User Initiated Call-up Prompt OFF
OFF	<input type="checkbox"/>	2	Last Code to Disarm/Arm prompt ON	Last Code to Disarm/Arm prompt OFF
OFF	<input type="checkbox"/>	3	Walk Test Prompt ON	Walk Test prompt OFF
ON	<input type="checkbox"/>	4	Command Output #1 prompt ON	Command Output #1 prompt OFF
ON	<input type="checkbox"/>	5	Command Output #2 prompt ON	Command Output #2 prompt OFF
OFF	<input type="checkbox"/>	6	Command Output #3 prompt ON	Command Output #2 prompt OFF
OFF	<input type="checkbox"/>	7	Command Output #4 prompt ON	Command Output #2 prompt OFF
OFF	<input type="checkbox"/>	8	For Future Use	

[66] Keypad Options

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	Display Access Code when Programming	Display 'X' when Programming
ON	<input type="checkbox"/>	2	Local Clock Display Enabled	Disabled
OFF	<input type="checkbox"/>	3	Local Clock Displays 24-hr Time	Local Clock Displays AM/PM
OFF	<input type="checkbox"/>	4	Auto Alarm Scroll Enabled	Disabled
OFF	<input type="checkbox"/>	5	Local Display of Temperature Enabled*	Disabled
OFF	<input type="checkbox"/>	6	Bypass Options Prompt ON	Bypass Options Prompt OFF
OFF	<input type="checkbox"/>	7-8	For Future Use	

[67] Fifth User Display Mask

Default		Option	ON	OFF
OFF	<input type="checkbox"/>	1	Thermostat CTRL Prompt ON*	Thermostat CTRL Prompt ON
OFF	<input type="checkbox"/>	2	Temperature Setting Prompt ON*	Temperature Setting Prompt ON
OFF	<input type="checkbox"/>	3	Occupancy Mode Prompt ON*	Occupancy Mode Prompt ON
OFF	<input type="checkbox"/>	4	Thermostat Mode Prompt ON*	Thermostat Mode Prompt ON
OFF	<input type="checkbox"/>	5	Fan Control Prompt ON*	Fan Control Prompt ON
OFF	<input type="checkbox"/>	6	For Keypad View Prompt ON*	For Keypad View Prompt ON

OFF **7-8** For Future Use

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

[68] Sixth User Display Mask

Default	Option	ON	OFF
OFF <input type="checkbox"/>	1	Occupancy Mode Auxiliary Prompt ON*	Occupancy Mode Auxiliary Prompt OFF
OFF <input type="checkbox"/>	2	Occupancy Mode Day Prompt ON*	Occupancy Mode Day Prompt OFF
OFF <input type="checkbox"/>	3	Occupancy Mode Away Prompt ON*	Occupancy Mode Away Prompt OFF
OFF <input type="checkbox"/>	4	Occupancy Mode Night Prompt ON*	Occupancy Mode Night Prompt OFF
OFF <input type="checkbox"/>	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

032	048	064	080	096	112	160	176	192	208	224	240
!	1	A	Q	a	q	•	ƒ	†	△	ä	q
033	049	065	081	097	113	161	177	193	209	225	241
"	2	B	R	b	r	r	ı	ı	×	ƒ	θ
034	050	066	082	098	114	162	178	194	210	226	242
#	3	C	S	c	s	ı	ı	†	ε	ε	•
035	051	067	083	099	115	163	179	195	211	227	243
\$	4	D	T	d	t	\	I	ı	†	ı	o
036	052	068	084	100	116	164	180	196	212	228	244
%	5	E	U	e	u	•	ı	ı	ı	ε	ü
037	053	069	085	101	117	165	181	197	213	229	245
&	6	F	V	f	v	ı	ı	ı	ı	ı	Σ
038	054	070	086	102	118	166	182	198	214	230	246
'	7	G	W	g	w	ı	ı	ı	ı	ı	π
039	055	071	087	103	119	167	183	199	215	231	247
(	8	H	X	h	x	ı	ı	ı	ı	ı	×
040	056	072	088	104	120	168	184	200	216	232	248
)	9	I	Y	i	y	ı	ı	ı	ı	ı	ı
041	057	073	089	105	121	169	185	201	217	233	249
*	:	J	Z	j	z	ı	ı	ı	ı	ı	ı
042	058	074	090	106	122	170	186	202	218	234	250
+	;	K	[	k	[	ı	ı	ı	ı	ı	ı
043	059	075	091	107	123	171	187	203	219	235	251
,	<	L	¥	ı	ı	ı	ı	ı	ı	ı	ı
044	060	076	092	108	124	172	188	204	220	236	252
-	=	M	]	m	ı	ı	ı	ı	ı	ı	ı
045	061	077	093	109	125	173	189	205	221	237	253
•	>	N	^	n	ı	ı	ı	ı	ı	ı	ı
046	062	078	094	110	126	174	190	206	222	238	254
/	?	O	_	o	ı	ı	ı	ı	ı	ı	ı
047	063	079	095	111	127	175	191	207	223	239	255

CHANGES FOR PC5015 V2.5U

The PC5015 v2.5U software incorporates several new features and changes. The most important additions are listed below:

Trouble Detection and Reporting

- Radio frequency jamming detection and reporting (See "[*][2] Trouble Display".)
- Zone tampers, and zone faults sound the keypad buzzers when the system is disarmed. (See "[*][2] Trouble Display".)
- Bell troubles sound the keypad buzzers until an access code is entered. (See "[*][2] Trouble Display".)

New Options

- Remote Reset option (See 5.31 "Remote Reset of System (Lock and Reset Codes)".)
- Engineer Reset option (See 5.30 "Engineer Reset")
- Bell Delay Timer (See 5.12 "Siren")
- Scantronics Fast Slot 4-8-1 communication format available (See 5.6 "Communicator Formats")

New Zone Types

- 24-Hour Bell/Buzzer zone (See 5.1 "Zone Definitions".)
- Push to Set zone (See 5.1 "Zone Definitions")

Changes in System Operation

- Stay and Away Arm PGM outputs will not activate until the end of the Exit Delay (See 5.10 "Programmable Outputs")
- Keypad buzzers follow alarms (See 5.12 "Siren")
- The event buffer can now store up to 256 events (See 5.16 "Event Buffer")
- Disarming the system by using a wireless key will only be allowed if Entry Delay is active (See 3.2 "Arming and Disarming")
- The number of communicator dialing attempts is restricted to 15 or less (see 5.3 "Communicator Dialing")

