Programming Worksheets

Power864

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

CAUTION: Changes or modifications not expressly approved by Digital Security Controls Ltd. could void your authority to use this equipment.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Re-orient the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/television technician for help.

The user may find the following booklet prepared by the FCC useful: "How to Identify and Resolve Radio/Television Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402, Stock # 004-000-00345-4.

IMPORTANT INFORMATION

This equipment complies with Part 68 of the FCC Rules. On the side of this equipment is a label that contains, among other information, the FCC registration number of this equipment.

Notification to Telephone Company The customer shall notify the telephone company of the particular line to which the connection will be made, and provide the FCC registration number and the ringer equivalence of the protective circuit.
FCC Registration Number: F53CAN-34330-AL-E
Ringer Equivalence Number: 0.1B
USOC Jack: RJ31X

Telephone Connection Requirements Except for the telephone company provided ringers, all connections to the telephone network shall be made through standard plugs and telephone company provided jacks, or equivalent, in such a manner as to allow for easy, immediate disconnection of the terminal equipment. Standard jacks shall be so arranged that, if the plug connected thereto is withdrawn, no interference to the operation of the equipment at the customer's premises which remains connected to the telephone network shall occur by reason of such withdrawal.

Incidence of Harm Should terminal equipment or protective circuitry cause harm to the telephone network, the telephone company shall, where practicable, notify the customer that temporary disconnection of service may be required; however, where prior notice is not practicable, the telephone company may temporarily discontinue service if such action is deemed reasonable in the circumstances. In the case of such temporary discontinuance, the telephone company shall promptly notify the customer and will be given the opportunity to correct the situation.

Additional Telephone Company Information The security control panel must be properly connected to the telephone line with a USOC RJ-31X telephone jack.
The FCC prohibits customer-provided terminal equipment be connected to party lines or to be used in conjunction with coin telephone service. Interconnect rules may vary from state to state.

Changes in Telephone Company Equipment or Facilities The telephone company may make changes in its communications facilities, equipment, operations or procedures, where such actions are reasonably required and proper in its business. Should any such changes render the customer's terminal equipment incompatible with the telephone company facilities the customer shall be given adequate notice to the effect modifications to maintain uninterrupted service.

Ringer Equivalence Number (REN) The REN is useful to determine the quantity of devices that you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the RENs of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices that you may connect to your line, you may want to contact your local telephone company.

Equipment Maintenance Facility If you experience trouble with this telephone equipment, please contact the facility indicated below for information on obtaining service or repairs. The telephone company may ask that you disconnect this equipment from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.
Digital Security Controls Ltd. 160 Washburn St., Lockport, NY 14094

Table of Contents

NOTES:

Section 1: For the Record

Account Information

Customer: _____

Address: _____

Telephone: _____ Installation Date: _____

Installer's Code: _____

Module and Keypad Information

Module Name	Description	Location
PC5020	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	|_____|
PC5108	Zone Expander 7	|_____|
PC5132	Wireless Receiver	|_____|
PC5204	Power Supply Module	|_____|
PC5208	Low-Current PGM Module	|_____|
PC5700	Fire Expansion/Phone Module	|_____|
PC5720	Fire Expansion/DVACS Module	|_____|
PC59XX	Audio Interface Module	|_____|
Escort5580	Voice Prompt Module	|_____|
PC5400	Serial Printer Module	|_____|
GSM1000	Cellular Communicator	|_____|
LINKS1000	Cellular Communicator	|_____|
LINKS2X50	Long Range Radio	|_____|

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

Zone Programming Summary

Zone programming can be found in sections [001] - [004], [101] - [164], [020] and [202] - [265]. Use this area to record a summary of your zone programming. Refer to section Appendix A: *"Programming LCD5500Z Keypads"* on page 27, for instructions on programming zone labels.

System Zone	Zone Label	Zone Type	Zone Attributes* 1 2 3 4 5 6 7 8	Serial Number (Wireless)	Partitions 1 2 3 4 5 6 7 8
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					

*Zone Attributes:

Option 1: Audible/Silent
Option 2: Steady/Pulsed
Option 3: Chime
Option 4: Bypass

Option 5: Force
Option 6: Swinger Shutdown
Option 7: Transmission Delay
Option 8: Wireless

Zone Programming Summary (Continued)

System Zone	Zone Label	Zone Type	Zone Attributes* 1 2 3 4 5 6 7 8	Serial Number (Wireless)	Partitions 1 2 3 4 5 6 7 8
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					

*Zone Attributes:

Option 1: Audible/Silent	Option 5: Force
Option 2: Steady/Pulsed	Option 6: Swinger Shutdown
Option 3: Chime	Option 7: Transmission Delay
Option 4: Bypass	Option 8: Wireless

Section 2: Keypad Programming

[000] Keypad Enrollment (Section 2.6 "Keypad Assignment" on page 8)

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

[0] Slot [Valid entries are 0-8 for the partition, 1-8 for the slot. For example, to enroll a keypad in partition 3 and slot 1, enter (31)]

[1] Function Key 1 Assignment (Valid entries are 00-31)

[2] Function Key 2 Assignment (Valid entries are 00-31)

[3] Function Key 3 Assignment (Valid entries are 00-31)

[4] Function Key 4 Assignment (Valid entries are 00-31)

[5] Function Key 5 Assignment (Valid entries are 00-31)

Function Key Options:

00 Null Key	**11** [*][5] Access Code Programming	**22** Active Camera Monitor Selection
01 Select Partition 1	**12** [*][6] User Functions	**23** Bypass Recall
02 Select Partition 2	**13** Command Output #1 [*][7][1]	**24** Recall Bypass Group
03 Stay Arm	**14** Command Output #2 [*][7][2]	**25** For future use
04 Away Arm	**15** General Voice Prompted Help	**26** For future use
05 [*][9] No-Entry Arm	**16** [*][0] Quick Exit	**27** Select Partition 3
06 [*][4] Chime On / Off	**17** [*][1] Reactivate Stay/Away Zones	**28** Select Partition 4
07 [*][6][——][4] System Test	**18** Identified Voice Prompted Help	**29** Select Partition 5
08 [*][1] Bypass Mode	**19** Command Output 3 [*][7][3]	**30** Select Partition 6
09 [*][2] Trouble Display	**20** For future use	**31** Select Partition 7
10 [*][3] Alarm Memory	**21** Command Output 4 [*][7][4]	**32** Select Partition 8

	Partition/ Slot	Function Key 1	Function Key 2	Function Key 3	Function Key 4	Function Key 5
LED Defaults	11	03	04	06	14	16
LCD Defaults	18	03	04	06	14	16
KEYPAD 1	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I
KEYPAD 2	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I
KEYPAD 3	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I
KEYPAD 4	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I
KEYPAD 5	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I
KEYPAD 6	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I
KEYPAD 7	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I
KEYPAD 8	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I	I___I___I

Section 3: Basic Programming

Zone Definitions

00 Null Zone (Not Used)	**10** 24 Hour Supervisory Buzzer	**20** 24 Hour Freeze
01 Delay 1	**11** 24 Hour Burglary	**21** 24 Hour Latching Tamper
02 Delay 2	**12** 24 Hour Holdup	**22** Momentary Keyswitch Arm
03 Instant	**13** 24 Hour Gas	**23** Maintained Keyswitch Arm
04 Interior	**14** 24 Hour Heating	**24** LINKS1000 Answer
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	**87** Delay 24 Hour Fire (Wireless)
08 Standard 24 Hour Fire (Hardwired)	**18** 24 Hour Sprinkler	**88** Standard 24 Hour Fire (Wireless)
09 24 Hour Supervisory	**19** 24 Hour Water	

NOTE: To use 24-hour Buzzer zones, keypads must be installed .

NOTE: Keypad zones are assigned in section [020]. Zone Attributes are assigned in sections [101] - [164]. Zone assignment is in sections [202] - [265].

Section #	Zone #	Default	Zone Defn.	Section #	Zone #	Default	Zone Defn.
[001]	01	01	l_l_l	**[003]**	33	00	l_l_l
	02	03	l_l_l		34	00	l_l_l
	03	03	l_l_l		35	00	l_l_l
	04	03	l_l_l		36	00	l_l_l
	05	04	l_l_l		37	00	l_l_l
	06	04	l_l_l		38	00	l_l_l
	07	04	l_l_l		39	00	l_l_l
	08	04	l_l_l		40	00	l_l_l
	09	00	l_l_l		41	00	l_l_l
	10	00	l_l_l		42	00	l_l_l
	11	00	l_l_l		43	00	l_l_l
	12	00	l_l_l		44	00	l_l_l
	13	00	l_l_l		45	00	l_l_l
	14	00	l_l_l		46	00	l_l_l
	15	00	l_l_l		47	00	l_l_l
	16	00	l_l_l		48	00	l_l_l
[002]	17	00	l_l_l	**[004]**	49	00	l_l_l
	18	00	l_l_l		50	00	l_l_l
	19	00	l_l_l		51	00	l_l_l
	20	00	l_l_l		52	00	l_l_l
	21	00	l_l_l		53	00	l_l_l
	22	00	l_l_l		54	00	l_l_l
	23	00	l_l_l		55	00	l_l_l
	24	00	l_l_l		56	00	l_l_l
	25	00	l_l_l		57	00	l_l_l
	26	00	l_l_l		58	00	l_l_l
	27	00	l_l_l		59	00	l_l_l
	28	00	l_l_l		60	00	l_l_l
	29	00	l_l_l		61	00	l_l_l
	30	00	l_l_l		62	00	l_l_l
	31	00	l_l_l		63	00	l_l_l
	32	00	l_l_l		64	00	l_l_l

System Times and Codes

[005] System Times
Default   Valid entries: [001-255]

Default		Description
030	╷ ╷ ╷ ╷	Entry Delay 1 (in seconds)(Section 5.17 "Entry and Exit Delay Options" on page 31)
045	╷ ╷ ╷ ╷	Entry Delay 2 (in seconds)(Section 5.17 "Entry and Exit Delay Options" on page 31)
120	╷ ╷ ╷ ╷	Exit Delay (in seconds)(Section 5.17 "Entry and Exit Delay Options" on page 31)
004	╷ ╷ ╷ ╷	Bell Cut-off (in minutes)(Section 5.13 "Bell Options" on page 29)

[006] Installer's Code (Section 4.1 "Access Codes" on page 13)
Default
5555   ╷ ╷ ╷ ╷ ╷

[007] Master Code (Section 4.1 "Access Codes" on page 13)
Default
1234   ╷ ╷ ╷ ╷ ╷

[008] Maintenance Code (Section 4.1 "Access Codes" on page 13)
Default
AAAA   ╷ ╷ ╷ ╷ ╷

Programmable Output Options

01	Burglary and Fire Bell Output		**14**	Ground Start Pulse
02	For future use		**15**	Remote Operation (DLS-3 Support)
03	Sensor Reset		**16**	LINKS1000/GSM1000 Support (PGM1 only)
04	For future use		**17**	Away Armed Status
05	System Armed Status		**18**	Stay Armed Status
06	Ready To Arm		**19**	Command Output #1 ([*][7][1])
07	Keypad Buzzer Follow Mode		**20**	Command Output #2 ([*][7][2])
08	Courtesy Pulse		**21**	Command Output #3 ([*][7][3])
09	System Trouble Output (with Trouble options)		**22**	Command Output #4 ([*][7][4])
10	System Event [Strobe (with Event options)]		**23**	For future use
11	System Tamper (all sources: zones, kpd, modules)		**24**	For future use
12	TLM and Alarm		**25**	Delayed Fire and Burglary Output
13	Kissoff Output			

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

[009] PGM1 and PGM2 Output Programming (Main Panel) (Section 5.12 "Programmable Outputs" on page 28)

NOTE:Program PGM Option Attributes in sections [501] - [514]. Program PGM partitions in sections [551] - [564]

Default			Default		
19	╷ ╷	PGM 1	10	╷ ╷	PGM 2

[010] PGM3 to PGM10 Output Programming (Main Panel/PC5208) (Section 5.12 "Programmable Outputs" on page 28)

NOTE:Program PGM Option Attributes in sections [501] - [514]. Program PGM partitions in sections [551] - [564]

Default			Default		
01	╷ ╷	PGM 3 (main panel/PC5208)*	01	╷ ╷	PGM 7 (PC5208)
01	╷ ╷	PGM 4 (main panel/PC5208)*	01	╷ ╷	PGM 8 (PC5208)
01	╷ ╷	PGM 5 (PC5208)	01	╷ ╷	PGM 9 (PC5208)
01	╷ ╷	PGM 6 (PC5208)	01	╷ ╷	PGM 10 (PC5208)

*NOTE: * These two sections allow you to program both PGM3 and PGM4 on the main panel, and the first two PGM outputs on the PC5208. If you use both the main panel and the PC5208 outputs, PGM3 will work the same as the first PC5208 output, and PGM4 will work the same as the second PC5208 output.*

[011] PGM11 to PGM14 Output Programming (PC5204) (Section 5.12 "Programmable Outputs" on page 28)

NOTE:Program PGM Option Attributes in sections [501] - [514]. Program PGM partitions in sections [551] - [564]

Default			Default		
01	╷ ╷	PGM 11	01	╷ ╷	PGM 13
01	╷ ╷	PGM 12	01	╷ ╷	PGM 14

Other System Options

[012] Keypad Lockout Options (Section 5.20 "Keypad Options" on page 32)

NOTE:If Keypad Lockout is active, the panel cannot be disarmed with a keyswitch.

Default

000 |___|___|___| Number of Invalid Codes Before Lockout (001-255 codes)

000 |___|___|___| Lockout Duration (001-255 minutes)

[013] First System Option Code

Default		Option	ON	OFF	Section	Page #
OFF	|___|	1	Normally Closed Loops	End-of-Line Resistors	2.9	8
OFF	|___|	2	Double End-of-Line Resistors	Single End-of-Line Resistors	2.9	8
ON*	|___|	3	Panel shows all troubles when armed	Panel shows only Fire troubles when armed	4.3	15
OFF	|___|	4	Tampers/Faults do not show as open	Tampers/Faults show as open	4.3	15
OFF	|___|	5	Zone 1 is Fast Loop Enabled	Zone 1 is Standard Loop Response	5.22	33
ON	|___|	6	Audible Exit Fault Enabled	Audible Exit Fault Disabled	5.17	31
ON	|___|	7	Event Buffer Follows Swinger Shutdown	Event Buffer Logs Events Past shutdown	5.18	32
OFF	|___|	8	Temporal Three Fire Signal Enabled	Standard Pulsed Fire Signal	5.13	29

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

[014] Second System Option Code

Default		Option	ON	OFF	Section	Page #
OFF	|___|	1	Arm / Disarm Bell Squawk enabled	Arm / Disarm Bell Squawk disabled	5.15	30
OFF	|___|	2	Bell Squawk During Auto Arm	No Bell Squawk During Auto Arm	5.17	31
OFF	|___|	3	Bell Squawk On Exit Delay	No Bell Squawk On Exit Delay	5.17	31
OFF	|___|	4	Bell Squawk On Entry Delay	No Bell Squawk On Entry Delay	5.17	31
OFF	|___|	5	Bell Squawk On Trouble	No Bell Squawk On Trouble	4.3	15
ON	|___|	6	Audible Exit with Urgency	Silent Exit Delay	5.17	31
OFF	|___|	7	Exit Delay Termination Enabled	Exit Delay Termination Disabled	5.17	31
OFF	|___|	8	Fire Bell is Continuous	Fire Bell Follows Bell Cut-off	5.13	29

[015] Third System Option Code

Default		Option	ON	OFF	Section	Page #
ON	|___|	1	Fire Keys Enabled	Fire Keys Disabled	5.14	30
OFF	|___|	2	Panic Keys Audible (Bell / Beeps)	Panic Keys Silent	5.14	30
OFF	|___|	3	Quick Exit Enabled	Quick Exit Disabled	4.3	15
ON*	|___|	4	Quick Arming Enabled/ Function keys do not require code	Quick Arming Disabled/ Function keys require code	4.3	15
OFF**	|___|	5	Code Required For Bypassing	No Code Required	4.3	15
OFF	|___|	6	Master Code Not Changeable	Master Code Changeable	4.1	13
ON	|___|	7	TLM Enabled	TLM Disabled	5.10	27
OFF	|___|	8	TLM Audible (Bell) When Armed	TLM Trouble Beeps When Armed	5.10	27

* When using a PC5132 version 2.1 or older with WLS909 Wireless Keys, option [4] must be ON for the Arm button to work.

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

[016] Fourth System Option Code

Default		Option	ON	OFF	Section	Page #
ON	|___|	1	AC Trouble Displayed	AC Trouble Not Displayed	4.3	15
OFF	|___|	2	Trouble Light Flashes if AC Fails	Trouble Light Does Not Follow AC Status	4.3	15
OFF	|___|	3	Blank Keypad When Not Used	Keypad Active Always	5.20	32
OFF	|___|	4	Code Required to Remove Kypd Blanking	No Code Required	5.20	32
ON	|___|	5	Keypad Backlighting is enabled	Keypad Backlighting is disabled	5.20	32
OFF	|___|	6	Power Save Mode enabled	Power Save Mode disabled	5.20	32
OFF	|___|	7	Bypass Status Displayed While Armed	Bypass Status Not Displayed While Armed	5.20	32
OFF	|___|	8	Keypad Tampers enabled	Keypad Tampers disabled	5.21	32

[017] Fifth System Option Code

Default		Option	ON	OFF	Section	Page #
ON	⌐⌐	1	WLS Key Does Not Use Access Codes*	WLS Key Uses Access Codes	5.15	30
ON	⌐⌐	2	Auto-Arm Schedule in [*][6]	Auto-Arm Schedule in Installer Programming Only	5.16	30
OFF	⌐⌐	3	For future use			
OFF	⌐⌐	4	Double Hit Enabled	Disabled	5.8	25
OFF	⌐⌐	5	Late to Close Enabled	Disabled	5.16	30
OFF	⌐⌐	6	Daylight Savings Time Enabled	Disabled	5.23	33
ON	⌐⌐	7	Periodic Camera Test Enabled	Disabled	5.25	33
OFF	⌐⌐	8	Squawk on Away Arming/Disarming Only	Bell Squawk on all Arming/Disarming	5.15	30

This option must be enabled when using a PC5132 v2.1 or earlier.

Keypad Zone Assignments

[020] Keypad Zone Assignments (Section 2.10 "Keypad Zones" on page 10)

NOTE:Only one keypad may be assigned to a zone.

Default

00	⌐_⌐	Keypad (slot 1) Zone	Valid entries are zones 01-64
00	⌐_⌐	Keypad (slot 2) Zone	Valid entries are zones 01-64
00	⌐_⌐	Keypad (slot 3) Zone	Valid entries are zones 01-64
00	⌐_⌐	Keypad (slot 4) Zone	Valid entries are zones 01-64
00	⌐_⌐	Keypad (slot 5) Zone	Valid entries are zones 01-64
00	⌐_⌐	Keypad (slot 6) Zone	Valid entries are zones 01-64
00	⌐_⌐	Keypad (slot 7) Zone	Valid entries are zones 01-64
00	⌐_⌐	Keypad (slot 8) Zone	Valid entries are zones 01-64

Section 4: Advanced System Programming

Zone Attributes (Section 5.2 "Zone Attributes" on page 21)

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 Type:								
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 Heating	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
25 Interior Delay	Y	Y	N	Y	N	Y	N	N
26 24hr Non-alarm	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

Section	Zone #	Zone Type**	Audible/ Silent 1	Steady/ Pulsed 2	Chime No 3	Bypass No 4	Force No 5	Swing No 6	Tx. Delay No 7	Wireless No 8
[101]	01	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[102]	02	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[103]	03	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[104]	04	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[105]	05	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[106]	06	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[107]	07	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[108]	08	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[109]	09	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[110]	10	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[111]	11	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[112]	12	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[113]	13	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[114]	14	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[115]	15	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l
[116]	16	( )	l__l	l__l	l__l	l__l	l__l	l__l	l__l	l__l

Section	Zone #	Zone Type*	Audible/ Silent 1	Steady/ Pulsed 2	Chime No 3	Bypass No 4	Force No 5	Swing No 6	Tx. Delay No 7	Wireless No 8
[117]	17	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[118]	18	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[119]	19	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[120]	20	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[121]	21	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[122]	22	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[123]	23	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[124]	24	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[125]	25	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[126]	26	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[127]	27	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[128]	28	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[129]	29	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[130]	30	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[131]	31	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[132]	32	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[133]	33	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[134]	34	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[135]	35	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[136]	36	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[137]	37	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[138]	38	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[139]	39	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[140]	40	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[141]	41	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[142]	42	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[143]	43	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[144]	44	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[145]	45	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[146]	46	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[147]	47	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[148]	48	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[149]	49	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[150]	50	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[151]	51	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[152]	52	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[153]	53	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[154]	54	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[155]	55	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[156]	56	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[157]	57	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[158]	58	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[159]	59	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[160]	60	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[161]	61	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[162]	62	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[163]	63	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|
[164]	64	( )	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|	|_|_|

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

System Timers

[165] Maximum Dialing Attempts to Each Telephone Number (Section 5.4 "Communicator - Dialing" on page 22)
Default: 007 |⎽⎽|⎽⎽|⎽⎽|⎽⎽| Valid entries are 001-015 attempts (do not enter 000).

NOTE: For CTR-21 approval, this option cannot be higher than 007.

[166] Post Dial Wait for Handshake (All Formats) (Section 5.4 "Communicator - Dialing" on page 22)
Default: 040 |⎽⎽|⎽⎽|⎽⎽|⎽⎽| Valid entries are 001-255 seconds

[170] PGM Output Timer (Section 5.12 "Programmable Outputs" on page 28)
Default: 005 |⎽⎽|⎽⎽|⎽⎽|⎽⎽| Valid entries are 001-255 seconds

[175] Auto-Arm Postpone Timer (Section 5.16 "Automatic Arming" on page 30)
Default: 000 |⎽⎽|⎽⎽|⎽⎽|⎽⎽| Valid entries are 001-255 minutes, 000 allows automatic arming to be cancelled

[176] Burglary Verified Timer (Section 5.8 "Communicator - Reporting Codes" on page 25)
Default: 000 |⎽⎽|⎽⎽|⎽⎽|⎽⎽| Valid entries are 000-255 minutes

Automatic Arming Schedule (Section 5.16 "Automatic Arming" on page 30)

Enter a four-digit number (HH:MM) for each day that the system will auto-arm. All entries are disabled (9999) by default. Valid entries are 0000-2359.

Section #	Partition	Day of the Week	Time of Day	Section #	Partition	Day of the Week	Time of Day
[181]	1	Sunday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|	**[185]**	5	Sunday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Monday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Monday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Tuesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Tuesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Wednesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Wednesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Thursday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Thursday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Friday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Friday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Saturday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Saturday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
[182]	2	Sunday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|	**[186]**	6	Sunday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Monday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Monday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Tuesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Tuesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Wednesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Wednesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Thursday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Thursday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Friday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Friday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Saturday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Saturday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
[183]	3	Sunday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|	**[187]**	7	Sunday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Monday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Monday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Tuesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Tuesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Wednesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Wednesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Thursday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Thursday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Friday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Friday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Saturday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Saturday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
[184]	4	Sunday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|	**[188]**	8	Sunday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Monday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Monday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Tuesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Tuesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Wednesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Wednesday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Thursday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Thursday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Friday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Friday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|
		Saturday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|			Saturday	|⎽⎽|⎽⎽|:|⎽⎽|⎽⎽|

Section 5: Partition and Zone Programming

[201] Partition Selection Mask (Section 5.3 "Partitions and Zone Assignment" on page 22)

Select which partitions will be active on the system

***NOTE:** Partition 1 cannot be disabled.*

Default		Option	ON	OFF
ON	└─┘	1	Partition 1 is enabled	(cannot be turned off)
OFF	└─┘	2	Partition 2 is enabled	Disabled
OFF	└─┘	3	Partition 3 is enabled	Disabled
OFF	└─┘	4	Partition 4 is enabled	Disabled
OFF	└─┘	5	Partition 5 is enabled	Disabled
OFF	└─┘	6	Partition 6 is enabled	Disabled
OFF	└─┘	7	Partition 7 is enabled	Disabled
OFF	└─┘	8	Partition 8 is enabled	Disabled

Assigning Zones to Partitions (Section 5.3 "Partitions and Zone Assignment" on page 22)

Program which zones will be assigned to each partition in sections [202] to [265]. Program zone definitions in sections [001] - [004] and zone attributes in sections [101] - [164]. Program keypad zone assignments in section [020].

ON = Assigned to partition; OFF = Not assigned to partition

Section	Partition	Zone:							
[202]	1	01	02	03	04	05	06	07	08
[203]	1	09	10	11	12	13	14	15	16
[204]	1	17	18	19	20	21	22	23	24
[205]	1	25	26	27	28	29	30	31	32
[206]	1	33	34	35	36	37	38	39	40
[207]	1	41	42	43	44	45	46	47	48
[208]	1	49	50	51	52	53	54	55	56
[209]	1	57	58	59	60	61	62	63	64

Section	Partition	Zone:							
[210]	2	01	02	03	04	05	06	07	08
[211]	2	09	10	11	12	13	14	15	16
[212]	2	17	18	19	20	21	22	23	24
[213]	2	25	26	27	28	29	30	31	32
[214]	2	33	34	35	36	37	38	39	40
[215]	2	41	42	43	44	45	46	47	48
[216]	2	49	50	51	52	53	54	55	56
[217]	2	57	58	59	60	61	62	63	64

Assigning Zones to Partitions (cont.)

Section	Partition	Zone:							
[218]	3	01 �	02 ⌞_⌟	03 ⌞_⌟	04 ⌞_⌟	05 ⌞_⌟	06 ⌞_⌟	07 ⌞_⌟	08 ⌞_⌟
[219]	3	09 ⌞_⌟	10 ⌞_⌟	11 ⌞_⌟	12 ⌞_⌟	13 ⌞_⌟	14 ⌞_⌟	15 ⌞_⌟	16 ⌞_⌟
[220]	3	17 ⌞_⌟	18 ⌞_⌟	19 ⌞_⌟	20 ⌞_⌟	21 ⌞_⌟	22 ⌞_⌟	23 ⌞_⌟	24 ⌞_⌟
[221]	3	25 ⌞_⌟	26 ⌞_⌟	27 ⌞_⌟	28 ⌞_⌟	29 ⌞_⌟	30 ⌞_⌟	31 ⌞_⌟	32 ⌞_⌟
[222]	3	33 ⌞_⌟	34 ⌞_⌟	35 ⌞_⌟	36 ⌞_⌟	37 ⌞_⌟	38 ⌞_⌟	39 ⌞_⌟	40 ⌞_⌟
[223]	3	41 ⌞_⌟	42 ⌞_⌟	43 ⌞_⌟	44 ⌞_⌟	45 ⌞_⌟	46 ⌞_⌟	47 ⌞_⌟	48 ⌞_⌟
[224]	3	49 ⌞_⌟	50 ⌞_⌟	51 ⌞_⌟	52 ⌞_⌟	53 ⌞_⌟	54 ⌞_⌟	55 ⌞_⌟	56 ⌞_⌟
[225]	3	57 ⌞_⌟	58 ⌞_⌟	59 ⌞_⌟	60 ⌞_⌟	61 ⌞_⌟	62 ⌞_⌟	63 ⌞_⌟	64 ⌞_⌟

Section	Partition	Zone:							
[226]	4	01 ⌞_⌟	02 ⌞_⌟	03 ⌞_⌟	04 ⌞_⌟	05 ⌞_⌟	06 ⌞_⌟	07 ⌞_⌟	08 ⌞_⌟
[227]	4	09 ⌞_⌟	10 ⌞_⌟	11 ⌞_⌟	12 ⌞_⌟	13 ⌞_⌟	14 ⌞_⌟	15 ⌞_⌟	16 ⌞_⌟
[228]	4	17 ⌞_⌟	18 ⌞_⌟	19 ⌞_⌟	20 ⌞_⌟	21 ⌞_⌟	22 ⌞_⌟	23 ⌞_⌟	24 ⌞_⌟
[229]	4	25 ⌞_⌟	26 ⌞_⌟	27 ⌞_⌟	28 ⌞_⌟	29 ⌞_⌟	30 ⌞_⌟	31 ⌞_⌟	32 ⌞_⌟
[230]	4	33 ⌞_⌟	34 ⌞_⌟	35 ⌞_⌟	36 ⌞_⌟	37 ⌞_⌟	38 ⌞_⌟	39 ⌞_⌟	40 ⌞_⌟
[231]	4	41 ⌞_⌟	42 ⌞_⌟	43 ⌞_⌟	44 ⌞_⌟	45 ⌞_⌟	46 ⌞_⌟	47 ⌞_⌟	48 ⌞_⌟
[232]	4	49 ⌞_⌟	50 ⌞_⌟	51 ⌞_⌟	52 ⌞_⌟	53 ⌞_⌟	54 ⌞_⌟	55 ⌞_⌟	56 ⌞_⌟
[233]	4	57 ⌞_⌟	58 ⌞_⌟	59 ⌞_⌟	60 ⌞_⌟	61 ⌞_⌟	62 ⌞_⌟	63 ⌞_⌟	64 ⌞_⌟

Section	Partition	Zone:							
[234]	5	01 ⌞_⌟	02 ⌞_⌟	03 ⌞_⌟	04 ⌞_⌟	05 ⌞_⌟	06 ⌞_⌟	07 ⌞_⌟	08 ⌞_⌟
[235]	5	09 ⌞_⌟	10 ⌞_⌟	11 ⌞_⌟	12 ⌞_⌟	13 ⌞_⌟	14 ⌞_⌟	15 ⌞_⌟	16 ⌞_⌟
[236]	5	17 ⌞_⌟	18 ⌞_⌟	19 ⌞_⌟	20 ⌞_⌟	21 ⌞_⌟	22 ⌞_⌟	23 ⌞_⌟	24 ⌞_⌟
[237]	5	25 ⌞_⌟	26 ⌞_⌟	27 ⌞_⌟	28 ⌞_⌟	29 ⌞_⌟	30 ⌞_⌟	31 ⌞_⌟	32 ⌞_⌟
[238]	5	33 ⌞_⌟	34 ⌞_⌟	35 ⌞_⌟	36 ⌞_⌟	37 ⌞_⌟	38 ⌞_⌟	39 ⌞_⌟	40 ⌞_⌟
[239]	5	41 ⌞_⌟	42 ⌞_⌟	43 ⌞_⌟	44 ⌞_⌟	45 ⌞_⌟	46 ⌞_⌟	47 ⌞_⌟	48 ⌞_⌟
[240]	5	49 ⌞_⌟	50 ⌞_⌟	51 ⌞_⌟	52 ⌞_⌟	53 ⌞_⌟	54 ⌞_⌟	55 ⌞_⌟	56 ⌞_⌟
[241]	5	57 ⌞_⌟	58 ⌞_⌟	59 ⌞_⌟	60 ⌞_⌟	61 ⌞_⌟	62 ⌞_⌟	63 ⌞_⌟	64 ⌞_⌟

Assigning Zones to Partitions (cont.)

Section	Partition	Zone:							
[242]	6	01	02	03	04	05	06	07	08
[243]	6	09	10	11	12	13	14	15	16
[244]	6	17	18	19	20	21	22	23	24
[245]	6	25	26	27	28	29	30	31	32
[246]	6	33	34	35	36	37	38	39	40
[247]	6	41	42	43	44	45	46	47	48
[248]	6	49	50	51	52	53	54	55	56
[249]	6	57	58	59	60	61	62	63	64

Section	Partition	Zone:							
[250]	7	01	02	03	04	05	06	07	08
[251]	7	09	10	11	12	13	14	15	16
[252]	7	17	18	19	20	21	22	23	24
[253]	7	25	26	27	28	29	30	31	32
[254]	7	33	34	35	36	37	38	39	40
[255]	7	41	42	43	44	45	46	47	48
[256]	7	49	50	51	52	53	54	55	56
[257]	7	57	58	59	60	61	62	63	64

Section	Partition	Zone:							
[258]	8	01	02	03	04	05	06	07	08
[259]	8	09	10	11	12	13	14	15	16
[260]	8	17	18	19	20	21	22	23	24
[261]	8	25	26	27	28	29	30	31	32
[262]	8	33	34	35	36	37	38	39	40
[263]	8	41	42	43	44	45	46	47	48
[264]	8	49	50	51	52	53	54	55	56
[265]	8	57	58	59	60	61	62	63	64

Section 6: Communicator Programming

Telephone Numbers

NOTE: For sections [301] to [353], the content of every section by default is [F].

[301] First Telephone Number (32 Digits) (Section 5.5 "Communicator - Telephone Numbers" on page 23)

[302] Second Telephone Number (32 Digits) (Section 5.5 "Communicator - Telephone Numbers" on page 23)

[303] Third Telephone Number (32 Digits) (Section 5.5 "Communicator - Telephone Numbers" on page 23)

Account Codes (Section 5.6 "Communicator - Account Codes" on page 23)

Enter a six-digit account number for the system account code. SIA will use this account code for all eight partitions. Only SIA supports six digit account codes. If the last two digits of the account code are FF, the panel will only use the first four digits.

Section	System Account Code
[310]	

Enter a four-digit account number for each active partition.

Section	Partition	Partition Account Code
[311]	1	
[312]	2	
[313]	3	
[314]	4	
[315]	5	
[316]	6	
[317]	7	
[318]	8	

Reporting Codes

Alarm Reporting Codes, Zones 01-64 (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

Section

[320]	Zone 01	Zone 02	Zone 03	Zone 04	Zone 05	Zone 06	Zone 07	Zone 08
	Zone 09	Zone 10	Zone 11	Zone 12	Zone 13	Zone 14	Zone 15	Zone 16
[321]	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
[322]	Zone 33	Zone 34	Zone 35	Zone 36	Zone 37	Zone 38	Zone 39	Zone 40
	Zone 41	Zone 42	Zone 43	Zone 44	Zone 45	Zone 46	Zone 47	Zone 48
[323]	Zone 49	Zone 50	Zone 51	Zone 52	Zone 53	Zone 54	Zone 55	Zone 56
	Zone 57	Zone 58	Zone 59	Zone 60	Zone 61	Zone 62	Zone 63	Zone 64

Alarm Restoral Reporting Codes, Zones 01-64 (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

Section

[324]	Zone 01	Zone 02	Zone 03	Zone 04	Zone 05	Zone 06	Zone 07	Zone 08
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
	Zone 09	Zone 10	Zone 11	Zone 12	Zone 13	Zone 14	Zone 15	Zone 16
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
[325]	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
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
[326]	Zone 33	Zone 34	Zone 35	Zone 36	Zone 37	Zone 38	Zone 39	Zone 40
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
	Zone 41	Zone 42	Zone 43	Zone 44	Zone 45	Zone 46	Zone 47	Zone 48
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
[327]	Zone 49	Zone 50	Zone 51	Zone 52	Zone 53	Zone 54	Zone 55	Zone 56
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
	Zone 57	Zone 58	Zone 59	Zone 60	Zone 61	Zone 62	Zone 63	Zone 64
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|

[328] Miscellaneous Alarm Reporting Codes (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

|__|__| 1. Duress Alarm |__|__| 4. Zone Expander Supervisory Alarm

|__|__| 2. Opening After Alarm |__|__| 5. Zone Expander Supervisory Restoral

|__|__| 3. Recent Closing |__|__| 6. Cross Zone Police Code Alarm

[329] Priority Alarm and Restoral (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

|__|__| 1. Keypad Fire Alarm |__|__| 5. Keypad Fire Restoral

|__|__| 2. Keypad Auxiliary Alarm |__|__| 6. Keypad Auxiliary Restoral

|__|__| 3. Keypad Panic Alarm |__|__| 7. Keypad Panic Restoral

|__|__| 4. For future use |__|__| 8. For future use

Tamper Reporting Codes, Zones 01-64 (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

Section

[330]	Zone 01	Zone 02	Zone 03	Zone 04	Zone 05	Zone 06	Zone 07	Zone 08
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
	Zone 09	Zone 10	Zone 11	Zone 12	Zone 13	Zone 14	Zone 15	Zone 16
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
[331]	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
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
[332]	Zone 33	Zone 34	Zone 35	Zone 36	Zone 37	Zone 38	Zone 39	Zone 40
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
	Zone 41	Zone 42	Zone 43	Zone 44	Zone 45	Zone 46	Zone 47	Zone 48
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
[333]	Zone 49	Zone 50	Zone 51	Zone 52	Zone 53	Zone 54	Zone 55	Zone 56
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|
	Zone 57	Zone 58	Zone 59	Zone 60	Zone 61	Zone 62	Zone 63	Zone 64
	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|

Tamper Restoral Reporting Codes, Zones 01-64 (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

Section

[334]	Zone 01	Zone 02	Zone 03	Zone 04	Zone 05	Zone 06	Zone 07	Zone 08
	Zone 09	Zone 10	Zone 11	Zone 12	Zone 13	Zone 14	Zone 15	Zone 16
[335]	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
[336]	Zone 33	Zone 34	Zone 35	Zone 36	Zone 37	Zone 38	Zone 39	Zone 40
	Zone 41	Zone 42	Zone 43	Zone 44	Zone 45	Zone 46	Zone 47	Zone 48
[337]	Zone 49	Zone 50	Zone 51	Zone 52	Zone 53	Zone 54	Zone 55	Zone 56
	Zone 57	Zone 58	Zone 59	Zone 60	Zone 61	Zone 62	Zone 63	Zone 64

[338] Miscellaneous Tamper Reporting Codes (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

|_____|____|_____| 1. General System Tamper

|_____|____|_____| 2. General System Tamper Rest.

|_____|____|_____| 3. Keypad Lockout

Closing (Arming) Reporting Codes, Access Codes 1-32 (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

Section

[339]	Code 1	Code 2	Code 3	Code 4	Code 5	Code 6	Code 7	Code 8
	Code 9	Code 10	Code 11	Code 12	Code 13	Code 14	Code 15	Code 16
[340]	Code 17	Code 18	Code 19	Code 20	Code 21	Code 22	Code 23	Code 24
	Code 25	Code 26	Code 27	Code 28	Code 29	Code 30	Code 31	Code 32

[341] Miscellaneous Closing (Arming) Reporting Codes

(Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

|_____|____|_____| 1. Closing by Duress Code 33 |_____|____|_____| 5. Closing by Supervisory Code 42

|_____|____|_____| 2. Closing by Duress Code 34 |_____|____|_____| 6. Partial Closing

|_____|____|_____| 3. Closing by Master Code 40 |_____|____|_____| 7. Special Closing

|_____|____|_____| 4. Closing by Supervisory Code 41 |_____|____|_____| 8. Late to Close

Opening (Disarming) Reporting Codes, Access Codes 1-32 (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

Section

[342]	Code 1	Code 2	Code 3	Code 4	Code 5	Code 6	Code 7	Code 8
	Code 9	Code 10	Code 11	Code 12	Code 13	Code 14	Code 15	Code 16
[343]	Code 17	Code 18	Code 19	Code 20	Code 21	Code 22	Code 23	Code 24
	Code 25	Code 26	Code 27	Code 28	Code 29	Code 30	Code 31	Code 32

[344] Miscellaneous Opening (Disarming) Reporting Codes
(Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

	⌴⌴⌴ 1. Opening by Duress Code 33	⌴⌴⌴ 5. Opening by Supervisory Code 42
	⌴⌴⌴ 2. Opening by Duress Code 34	⌴⌴⌴ 6. Auto Arm Cancellation
	⌴⌴⌴ 3. Opening by Master Code 40	⌴⌴⌴ 7. Special Opening
	⌴⌴⌴ 4. Opening by Supervisory Code 41	

[345] Maintenance Alarm Reporting Codes (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

⌴⌴⌴ 1. Battery Trouble Alarm	⌴⌴⌴ 5. Auxiliary Power Supply Trouble Alarm
⌴⌴⌴ 2. AC Failure Trouble Alarm	⌴⌴⌴ 6. TLM Trouble Code (via LINKS)
⌴⌴⌴ 3. Bell Circuit Trouble Alarm	⌴⌴⌴ 7. General System Trouble
⌴⌴⌴ 4. Fire Trouble Alarm	⌴⌴⌴ 8. General System Supervisory

[346] Maintenance Restoral Reporting Codes (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

⌴⌴⌴ 1. Battery Trouble Restoral	⌴⌴⌴ 5. Auxiliary Power Supply Trouble Restoral
⌴⌴⌴ 2. AC Failure Trouble Restoral	⌴⌴⌴ 6. TLM Restoral
⌴⌴⌴ 3. Bell Circuit Trouble Restoral	⌴⌴⌴ 7. General System Trouble Restore
⌴⌴⌴ 4. Fire Trouble Restoral	⌴⌴⌴ 8. General System Supervisory Restore

[347] Miscellaneous Maintenance Reporting Codes (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

⌴⌴⌴ 1. Telephone Number 1 FTC Restore	⌴⌴⌴ 6. Zone Fault Alarm
⌴⌴⌴ 2. Telephone Number 2 FTC Restore	⌴⌴⌴ 7. Zone Fault Restore
⌴⌴⌴ 3. Event Buffer 75% Full Since Last Upload	⌴⌴⌴ 8. Delinquency Code
⌴⌴⌴ 4. DLS Lead IN	⌴⌴⌴ 9. General Zone Low Battery Alarm
⌴⌴⌴ 5. DLS Lead OUT	⌴⌴⌴ 10. General Zone Low Battery Restoral

[348] Test Transmission Reporting Codes (Section 5.8 "Communicator - Reporting Codes" on pg. 25, & Appendix A)

⌴⌴⌴ 1. Periodic Test Transmission	⌴⌴⌴ 3. LINKS1000/GSM1000 Test Transmission Code*
⌴⌴⌴ 2. System Test	*The LINKS1000/GSM1000 Test Transmission Code must be programmed as "00" for the LINKS1000/GSM1000 Test Transmission to be disabled.

[350] Communicator Format Options (Section 5.7 "Communicator - Reporting Formats" on page 23)

NOTE:The Third telephone number follows the format of the First telephone number.

Default

02 ⌴⌴⌴ 1st/3rd Telephone Number

02 ⌴⌴⌴ 2nd Telephone Number

01 20 BPS, 1400 HZ handshake	**04** SIA FSK	**07** 10 BPS, 1400Hz Handshake
02 20 BPS, 2300 HZ handshake	**05** Pager	**08** 10 BPS, 2300Hz Handshake
03 DTMF CONTACT ID	**06** Residential Dial	

Call Direction Options

Alarm/Restore Communicator Call Directions (Section 5.4 "Communicator - Dialing" on page 22)

Section	Partition	Option:	1 1st Telephone Number	2 2nd Telephone Number	3 1st Telephone Number (via LINKS1000/GSM1000)	4 2nd Telephone Number (via LINKS1000/GSM1000)	5 Alternate Communicator
		Defaults:	**ON**	**OFF**	**OFF**	**OFF**	**ON**
[351]	**1**		⌴⌴	⌴⌴	⌴⌴	⌴⌴	⌴⌴
[352]	**2**		⌴⌴	⌴⌴	⌴⌴	⌴⌴	⌴⌴
[353]	**3**		⌴⌴	⌴⌴	⌴⌴	⌴⌴	⌴⌴
[354]	**4**		⌴⌴	⌴⌴	⌴⌴	⌴⌴	⌴⌴
[355]	**5**		⌴⌴	⌴⌴	⌴⌴	⌴⌴	⌴⌴
[356]	**6**		⌴⌴	⌴⌴	⌴⌴	⌴⌴	⌴⌴
[357]	**7**		⌴⌴	⌴⌴	⌴⌴	⌴⌴	⌴⌴
[358]	**8**		⌴⌴	⌴⌴	⌴⌴	⌴⌴	⌴⌴

NOTE:The LINKS1000/GSM1000 backup call directions will only back up their respective telephone numbers.

Tamper/Restore Communicator Call Directions (Section 5.4 "Communicator - Dialing" on page 22)

Section	Partition	Option:	1 1st Telephone Number	2 2nd Telephone Number	3 1st Telephone Number (via LINKS1000/ GSM1000)	4 2nd Telephone Number (via LINKS1000/ GSM1000)	5 Alternate Communicator
		Defaults:	ON	OFF	OFF	OFF	ON
[359]	1		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[360]	2		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[361]	3		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[362]	4		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[363]	5		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[364]	6		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[365]	7		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[366]	8		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴

NOTE:The LINKS1000/GSM1000 backup call directions will only back up their respective telephone numbers.

Opening/Closing Communicator Call Directions (Section 5.4 "Communicator - Dialing" on page 22)

Section	Partition	Option:	1 1st Telephone Number	2 2nd Telephone Number	3 1st Telephone Number (via LINKS1000/ GSM1000)	4 2nd Telephone Number (via LINKS1000/ GSM1000)	5 Alternate Communicator
		Defaults:	ON	OFF	OFF	OFF	ON
[367]	1		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[368]	2		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[369]	3		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[370]	4		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[371]	5		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[372]	6		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[373]	7		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴
[374]	8		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴

NOTE:The LINKS1000/GSM1000 backup call directions will only back up their respective telephone numbers.

System Maintenance Communicator Call Directions (Section 5.4 "Communicator - Dialing" on page 22)

Section	Option:	1 1st Telephone Number	2 2nd Telephone Number	3 1st Telephone Number (via LINKS1000/ GSM1000)	4 2nd Telephone Number (via LINKS1000/ GSM1000)	5 Alternate Communicator
	Defaults:	ON	OFF	OFF	OFF	ON
[375]		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴

NOTE:The LINKS1000/GSM1000 backup call directions will only back up their respective telephone numbers.

System Test Transmissions Communicator Call Directions (Section 5.4 "Communicator - Dialing" on page 22)

Section	Option:	1 1st Telephone Number	2 2nd Telephone Number	3 1st Telephone Number (via LINKS1000/ GSM1000)	4 2nd Telephone Number (via LINKS1000/ GSM1000)	5 Alternate Communicator
	Defaults:	ON	OFF	OFF	OFF	ON
[376]		⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴	⌴__⌴

NOTE:The LINKS1000/GSM1000 backup call directions will only back up their respective telephone numbers.

[377] Communication Variables

Default				Section	Page #
003	|___|___|___|	Swinger Shutdown (Alarms and Rest)	(001-014 Transmissions, 000=disabled)	5.19	32
003	|___|___|___|	Swinger Shutdown (Tampers and Rest)	(001-014 Transmissions, 000=disabled)	5.19	32
003	|___|___|___|	Swinger Shutdown (Maint and Rest)	(001-014 Transmissions, 000=disabled)	5.19	32
000	|___|___|___|	Transmission Delay	(001-255 seconds)	5.8	25
030	|___|___|___|	AC Failure Communication Delay	(001-255 minutes)	5.8	25
003	|___|___|___|	TLM Trouble Delay	(No. of checks required - valid entries 003 - 255)	5.10	27
030	|___|___|___|	Test Transmission Cycle (land line)	(001-255 minutes/days)†	5.11	27
030	|___|___|___|	Test Transmission Cycle (LINKS1000/GSM1000)	(001-255 days)	5.11	27
007	|___|___|___|	Zone Low Battery Transmission Delay	(000-255 days)	5.8	25
030	|___|___|___|	Delinquency Transmission Cycle	(000-255 days/hours)	5.8	25

†Depends on programming in section [702], option [3].

NOTE: To disable the AC failure communications delay, program [000].
NOTE:Transmission delay cannot be used in conjunction with Downlook.

[378] Test Transmission Time of Day (Section 5.11 "Test Transmissions" on page 27)

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)

Communicator Options

[380] First Communicator Option Code

Default	Option	ON	OFF	Section	Page #
ON	|__| 1	Communications Enabled	Communications Disabled	5.4	22
OFF	|__| 2	Restorals on Bell Time-out	Restorals Follow Zones	5.8	25
OFF	|__| 3	Pulse Dialing	DTMF Dialing	5.4	22
OFF	|__| 4	Switch to Pulse Dialing on 5th Attempt	DTMF Dial For All Attempts	5.4	22
OFF	|__| 5	3rd Telephone Number enabled	3rd Telephone Number disabled	5.5	23
OFF	|__| 6	Alternate Dial (1st and 3rd)	Call 1st Number, Backup to 3rd	5.5	23
OFF	|__| 7	Call LINKS as well as Land Line	LINKS is Backup of Land Line(s)	5.26	33
OFF	|__| 8	Delinquency Follows Zone Activity (Hours)	Delinquency Follows Arming (Days)	5.8	25

NOTE: For CTR-21 approval, options 3 and 4 must be OFF.

[381] Second Communicator Option Code

Default	Option	ON	OFF	Section	Page #
OFF	|__| 1	Open After Alarm Kypd Ringback enabled	Open After Alrm Kypd Ringback disabled	5.15	30
OFF	|__| 2	Open After Alarm Bell Ringback enabled	Open After Alrm Bell Ringback disabled	5.15	30
OFF	|__| 3	SIA Sends Programmed Rep. Codes	SIA Sends Automatic Rep. Codes	5.7	23
OFF	|__| 4	Closing Confirmation Enabled	Closing Confirmation Disabled	5.15	30
ON	|__| 5	Talk/Listen (PC5928) on phone lines 1/3	No Talk/Listen (PC5928) on phone lines 1/3	5.27	34
OFF	|__| 6	Talk/Listen (PC5928) on phone line 2	No Talk/Listen (PC5928) on phone line 2	5.27	34
ON	|__| 7	Contact ID Uses Programmed Rep. Codes	Contact ID Uses Automatic Rep. Codes	5.7	23
OFF	|__| 8	Local Mode Enabled	Disabled	5.27	34

LINKS1000/GSM1000 Preambles

[390] LINKS1000/GSM1000 Preamble (First Telephone Number) (Section 5.26 "LINKS1000/GSM1000 Cellular Communicator" on page 33)
Default: FFFF   \|___\|___\|___\|___\| (Program all unused digits with Hex F)

[391] LINKS1000/GSM1000 Preamble (Second Telephone Number) (Section 5.26 "LINKS1000/GSM1000 Cellular Communicator" on page 33)
Default: FFFF   \|___\|___\|___\|___\| (Program all unused digits with Hex F)

[392] LINKS1000/GSM1000 Preamble (Third Telephone Number) (Section 5.26 "LINKS1000/GSM1000 Cellular Communicator" on page 33)
Default: FFFF   \|___\|___\|___\|___\| (Program all unused digits with Hex F)

[393] LINKS1000/GSM1000 Special Function Preamble (All Telephone Numbers) (Section 5.26 "LINKS1000/GSM1000 Cellular Communicator" on page 33)
Default: FFFFFF   \|___\|___\|___\|___\|___\| (Program all unused digits with Hex F)

    •Enter [*][2][*] (HEX B) to dial [*]   • Enter [*][3][*] (HEX C) to dial [#]

Section 7: Downloading Options

[401] First Downloading Option Code (Section 5.9 "Downloading" on page 26)

Default		Option	ON	OFF
OFF	⌊__⌋	1	Answering machine/double call enabled	Answering machine/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 5.9 "Downloading" on page 26)

⌊_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_⌋

[403] Downloading Access Code (Section 5.9 "Downloading" on page 26)

Default: 5020 ⌊_|_|_|_⌋   Enter 4 HEX digits

[404] Panel Identification Code (Section 5.9 "Downloading" on page 26)

Default: 5020 ⌊_|_|_|_⌋   Enter 4 HEX digits

[405] Answering Machine Double-call Timer (Section 5.9 "Downloading" on page 26)

Default: 060 ⌊_|_|_⌋ (Valid entries are 001-255 seconds)

[406] Number of Rings to Answer On (Section 5.9 "Downloading" on page 26)

Default: 000 ⌊_|_|_⌋ (Valid entries are 000-255 rings)

[490] LINKS Preamble (Downloading Telephone Number) (Section 5.9 "Downloading" on page 26)

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

[499] Initiate PC-Link (Local Downloading) (Section 5.9 "Downloading" on page 26)

To begin PC-Link downloading, enter [499][Installer's Code][499].

Section 8: Programmable Ouput Programming

Programmable Output Attributes (Section 5.12 "Programmable Outputs" on page 28)

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

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

Attribute:		1	2	3	4	5
	ON	Not used	Not used	True Output	Follows Timer	Code Req.
	OFF	—	—	Inverted	On / Off	No Code Req.
PGM Option						
[01] Burg. / Fire Bell				Y		
[03] Sensor Reset				Y		N
[05] Armed Status				Y		
[06] Ready To Arm				Y		
[07] Kypd Bzz Follow				Y		
[08] Courtesy Pulse				Y		
[11] System Tamper				Y		
[12] TLM and Alarm				Y		
[13] Kiss-off				Y		
[14] Gnd Strt Pulse				Y		
[15] Remote Op.				Y		
[16] LINKS1000/GSM1000 Sup.				Y		
[17] Away Armed Status				Y		
[18] Stay Armed Status				Y		
[19] Comm. Output #1				Y	Y	Y
[20] Comm. Output #2				Y	Y	N
[21] Comm. Output #3				Y	Y	N
[22] Comm. Output #4				Y	Y	N
[25] Delayed Burglary & Fire Bell				Y		

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.	Follows Timer*
	OFF	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Latched
[10] System 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 #	Output Type*	1	2	3	4	5	6	7	8
Main Board										
[501]	1	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[502]	2	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
Main Board / PC5208										
[503] **	3	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[504] **	4	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|

*Record here based on programming in [009], [010] and [011].

** These two sections allow you to program both PGM3 and PGM4 on the main panel, and the first two PGM outputs on the PC5208. If you use both the main panel and the PC5208 outputs, PGM3 will work the same as the first PC5208 output, and PGM4 will work the same as the second PC5208 output.

Section	PGM #	Output Type*	1	2	3	4	5	6	7	8
PC5208										
[505]	5	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[506]	6	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[507]	7	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[508]	8	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[509]	9	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[510]	10	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
PC5204										
[511]	11	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[512]	12	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[513]	13	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[514]	14	( )	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|

*Record here based on programming in [009], [010] and [011].

PGM Output Partition Assignment

Section	PGM #	Partition: 1	2	3	4	5	6	7	8
Main Board									
[551]	1	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[552]	2	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
Main Board / PC5208									
[553]	3	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[554]	4	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
PC5208									
[555]	5	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[556]	6	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[557]	7	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[558]	8	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[559]	9	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[560]	10	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
PC5204									
[561]	11	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[562]	12	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[563]	13	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|
[564]	14	|__|	|__|	|__|	|__|	|__|	|__|	|__|	|__|

Section 9: International Programming

[700] Clock Adjust (Section 5.24 "Clock Adjust" on page 33)
Default: 60 |___|___| (Valid entries are 01-99 seconds)

[701] First International Options Code

Default		Option	ON	OFF	Section	Page #
OFF	|___|	1	50 Hz AC	60 Hz AC	2.2	5
OFF	|___|	2	Time Base is Internal Crystal	Time Base is AC Line	5.25	33
OFF	|___|	3	AC/DC Arming Inhibit enabled	AC/DC Arming Inhibit disabled	5.15	30
OFF	|___|	4	All System Tampers Require Installer Reset	All System Tampers follow Restore	5.21	32
OFF	|___|	5	6-Digit User Access Codes	4-Digit User Access Codes	4.1	13
OFF	|___|	6	Busy tone detection enabled	Busy tone detection disabled	5.4	22
OFF	|___|	7	High Current Battery Charge	Standard Current Battery Charge	2.2	5
OFF	|___|	8	For future use			

[702] Second International Options Code

Default		Option	ON	OFF	Section	Page #
OFF	|___|	1	Pulse Dialing Make/Break Ratio is 33/67	Pulse Dialing Make/Break Ratio is 40/60	5.4	22
ON	|___|	2	Force Dialing enabled	Force Dialing disabled	5.4	22
OFF	|___|	3	Land line Test Transmission in minutes	Land line Test Transmission in days*	5.11	27
OFF	|___|	4	1600 Hz Handshake	Standard Handshake	5.7	23
OFF	|___|	5	ID Tone enabled	ID Tone disabled	5.4	22
OFF	|___|	6	2100 HZ ID Tone	1300 Hz ID Tone	5.4	22
OFF	|___|	7	One Time 1-Hr User enabled DLS Window	Full 6-Hr User enabled DLS Window	5.9	26
OFF	|___|	8	Bell on FTC when armed	FTC Trouble only when armed	5.4	22

*LINKS1000/GSM1000 test transmission can only be programmed in days.

[703] Delay Between Dialing Attempts (Section 5.4 "Communicator - Dialing" on page 22)
Default: 001 |___|___|___| (Valid entries are 000-255 Seconds)

Section 10: 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 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] PC5100 Programming
Please refer to your PC5100 Installation Manual for programming locations and instructions.

[806] PC5108L Programming
Please refer to your PC5108L Installation Manual for programming locations and instructions.

Section 11: Special Installer Functions

[901] Installer Walk Test Mode Enable / Disable (Section 5.30 "Walk Test" on page 35)

[902] Module Supervision Reset (Section 2.8 "Removing Modules" on page 8)

[903] Module Supervision Field (Section 2.7 "Confirming Module Supervision" on page 8)

[904] Wireless Module Placement Test
For more information, please refer to your *PC5132 Installation Manual*

- Select the module / transmitter (Zones 01-32).
- Press [#] to Cancel.

PlacementLed KeypadLCD Keypad Bell / Buzzer

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 following options:

[1] Telephone number 1, via landline
[2] Telephone number 2, via landline
[3] Telephone number 1, via LINKS1000/GSM1000
[4] Telephone number 2, via LINKS1000/GSM1000

[990] Installer Lockout Enable (Section 5.29 "Installer Lockout" on page 35)

[991] Installer Lockout Disable (Section 5.29 "Installer Lockout" on page 35)

[993] Restore Alternate Communicator (LINKS2X50) to Factory Default Programming (Section 5.28 "Factory Default" on page 34)

[995] Restore Escort5580 to Factory Default Programming (Section 5.28 "Factory Default" on page 34)

[996] Restore PC5132 to Factory Default Programming (Section 5.28 "Factory Default" on page 34)

[997] Restore PC5400 to Factory Default Programming (Section 5.28 "Factory Default" on page 34)

[998] Restore PC59XX to Factory Default Programming (Section 5.28 "Factory Default" on page 34)

[999] Restore PC5020 to Factory Default Programming (Section 5.28 "Factory Default" on page 34)

Appendix A: Programming LCD5500Z Keypads

If you have an LCD5500Z keypad, additional programming is required for proper operation. All LCD programming is done per keypad. If more than one LCD keypad are present on the system, labels programmed at one keypad can be broadcast to all other LCD keypads. Please check the software version of the keypad you are programming, and refer to the correct programming instructions.

LCD5500Z v3.0 and Higher Keypads

The following is a description of the available programming options and their accompanying programming sections:

How to Enter LCD Programming
Programming LCD keypads is similar to programming the rest of the system. Follow the programming procedure as outlined in Section 3 of the *Installation Manual*.

1. Enter keypad programming by pressing [*][8][Installer's Code].
2. Press the [*] key.
3. Enter the three-digit section number to be programmed.

Programmable Labels
Zone labels and other LCD display identifiers can be customized to make operation of the system easier for the end user. The following procedure should be used for creating all LCD labels:

1. Enter Installer's Programming. Enter the three-digit section number for the label to be programmed.

3. Use the arrow keys (<>) to move the underline bar underneath the letter to be changed.
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	[6] - P, Q, R, 6
[2] - D, E, F, 2	[7] - S, T, U, 7
[3] - G, H, I, 3	[8] - V, W, X, 8
[4] - J, K, L, 4	[9] - Y, Z, 9,0
[5] - M, N, O, 5	[0] - Space

5. When the required letter or number is displayed use the arrow keys (<>) to scroll to the next letter.
6. When you are finished programming the Zone Label, press the [*] key, scroll to "Save," then press [*].
7. Continue from Step 2 until all Labels are programmed.

[001] to [064] Zone Labels (14 Characters)
Default: "Zone 1" - "Zone 64"

Record zone labels on page 2

[065] Fire Alarm Label (14 Characters)
Default: "Fire Zone" |___|___|___|___|___|___|___|___|___|___|___|___|___|___|

[066] Fail to Arm Event Message
Default: "System Has Failed to Arm" |___|___|___|___|___|___|___|___|___|___|___|___|___|___|

[067] Alarm When Armed Event Message
Default: "Alarm Occurred While Armed < >" |___|___|___|___|___|___|___|___|___|___|___|___|___|___|

[070] First User Display Mask

Default		Option	ON	OFF
ON	|___|	1	Hold [P]anic Keys prompt ON	Hold [P]anic 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

[071] Second User Display Mask

Default		Option	ON	OFF
OFF	|___|	1	Installer Programming prompt ON	Installer Programming prompt OFF
ON	|___|	2	Stay Arm prompt ON	Stay Arm prompt OFF
ON	|___|	3	Quick Arm prompt ON	Quick Arm prompt OFF
ON	|___|	4	Interior Arm prompt ON	Interior Arm prompt OFF
OFF	|___|	5	Quick Exit prompt ON	Quick Exit prompt OFF
ON	|___|	6	View Event Buffer prompt ON	View Event Buffer prompt OFF
OFF	|___|	7	For future use	
OFF	|___|	8	Music Input ON	Music Input OFF

[072] Third User Display Mask

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

[073] 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)

[074] Key Options

Default		Option	ON	OFF
ON	|___|	1	[F]ire Keys enabled	[F]ire Keys disabled
ON	|___|	2	[A]uxiliary Keys enabled	[A]uxiliary Keys disabled
ON	|___|	3	[P]anic Keys enabled	[P]anic Keys disabled
OFF	|___|	4-8	For future use	

[075] Fourth User Display Mask

Default		Option	ON	OFF
ON	|___|	1	User Initiated Call-up prompt ON	User Initiated Call-up prompt OFF
OFF	|___|	2	For future use	
OFF	|___|	3	For future use	
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 #3 prompt OFF
OFF	|___|	7	Command Output #4 prompt ON	Command Output #4 prompt OFF
OFF	|___|	8	For future use	

[076] Keypad Options

Default		Option	ON	OFF
ON	|___|	1	Display Access Code when Programming	Display 'X' when Programming
ON	|___|	2	Local Clock Display Enabled	Local Clock Display Disabled
OFF	|___|	3	Local Clock Displays 24 Hour time	Local Clock Displays AM/PM
ON	|___|	4	Auto Alarm Memory Scroll Enabled	Auto Alarm Memory Scroll Disabled
OFF	|___|	5	Local Display of Temperature Enabled*	Local Display of Temperature Disabled
OFF	|___|	6	Bypass Options prompt ON	Bypass Options prompt OFF
OFF	|___|	7-8	For future use	

[077] Fifth User Display Mask

Default		Option	ON	OFF
OFF	|___|	1	Thermostat CTRL Prompt ON*	Thermostat CTRL Prompt OFF
OFF	|___|	2	Temperature Setting Prompt ON*	Temperature Setting Prompt OFF
OFF	|___|	3	Occupancy Mode Prompt ON*	Occupancy Mode Prompt OFF
OFF	|___|	4	Thermostat Mode Prompt ON*	Thermostat Mode Prompt OFF
OFF	|___|	5	Fan Control Prompt ON*	Fan Control Prompt OFF
OFF	|___|	6	For Keypad View Prompt ON*	For Keypad View Prompt OFF
OFF	|___|	7-8	For future use	

[078] 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 v2.1 or higher.

Partition Labels
Default: "System" - "Partition 8"

Section	Partition	Label
[101]	1/System	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[102]	2	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[103]	3	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[104]	4	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[105]	5	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[106]	6	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[107]	7	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[108]	8	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I

Command Output Labels
Default: "Command_O/P_1" - "Command_O/P_4"

Program a label for each Command Output used, as it will appear at each partition (see section 5.12 *"Programmable Outputs"* on page 28 of the *Installation Manual*).

Section	Partition	Command Output	Label
[120]	1	1	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[121]	1	2	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[122]	1	3	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[123]	1	4	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[124]	2	1	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[125]	2	2	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[126]	2	3	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[127]	2	4	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[128]	3	1	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[129]	3	2	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[130]	3	3	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[131]	3	4	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[132]	4	1	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[133]	4	2	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[134]	4	3	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[135]	4	4	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[136]	5	1	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[137]	5	2	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[138]	5	3	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[139]	5	4	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[140]	6	1	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[141]	6	2	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[142]	6	3	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I
[143]	6	4	L_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I_I

Section	Partition	Command Output	Label
[144]	7	1	|___|___|___|___|___|___|___|___|___|___|___|___|___|___|
[145]	7	2	|___|___|___|___|___|___|___|___|___|___|___|___|___|___|
[146]	7	3	|___|___|___|___|___|___|___|___|___|___|___|___|___|___|
[147]	7	4	|___|___|___|___|___|___|___|___|___|___|___|___|___|___|
[148]	8	1	|___|___|___|___|___|___|___|___|___|___|___|___|___|___|
[149]	8	2	|___|___|___|___|___|___|___|___|___|___|___|___|___|___|
[150]	8	3	|___|___|___|___|___|___|___|___|___|___|___|___|___|___|
[151]	8	4	|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

[997] View Software Version

[998] Initiate Global Label Broadcast

All LCD programming is done per keypad. If more than one LCD keypad are present on the system, and the PC5400 receives labels, labels programmed at one keypad can be broadcast to all other LCD keypads. Perform the following procedure in order to broadcast labels:

Step 1 - Program one LCD keypad completely.

Step 2 - Make sure all LCD keypads are connected to the Keybus.

Step 3 - Enter Installer's Programming, then enter section [998] at the keypad that was programmed. The keypad will now broadcast all the information programmed to all the other LCD keypads on the system.

Step 4 - When the keypad is finished press the [#] key to exit.

[999] Reset LCD EEPROM to Factory Defaults

LCD5500Z v2.x and Lower Keypads

The following is a description of the available programming options and their accompanying programming sections:

How to Enter LCD Programming

Programming LCD keypads is similar to programming the rest of the system. Follow the programming procedure as outlined in Section 3 of the *Installation Manual*.

1. Enter keypad programming by pressing [*][8][Installer's Code].
2. Press the [*] key.
3. Enter the two-digit section number to be programmed.

Programmable Labels

Zone labels and other LCD display identifiers can be customized to make operation of the system easier for the end user. The following procedure should be used for creating all LCD labels:

1. Enter Installer's Programming. Enter the two-digit section number for the label to be programmed.

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

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

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

6. When you are finished programming the Zone Label, press the [*] key, scroll to "Save," then press [*].

7. Continue from Step 2 until all Labels are programmed.

[01] to [32] Zone Labels (14 Characters)
Default: "Zone 1" - "Zone 32"

Record zone labels on page 2

[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"   \|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|
Default: "Command_O/P_1"   \|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|

[44] Partition 1 and [45] Partition 2 "Command Output 2" Label (14 Characters)
Default: "Command_O/P_2"   \|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|
Default: "Command_O/P_2"   \|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|___\|

[46] Partition 1 and [47] Partition 2 "Command Output 3" Label (14 Characters)
Default: "Command_O/P_3" |__|__|__|__|__|__|__|__|__|__|__|__|__|__|
Default: "Command_O/P_3" |__|__|__|__|__|__|__|__|__|__|__|__|__|__|

[48] Partition 1 and [49] Partition 2 "Command Output 4" Label (14 Characters)
Default: "Command_O/P_4" |__|__|__|__|__|__|__|__|__|__|__|__|__|__|
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 [P]anic Keys prompt ON	Hold [P]anic Keys prompt OFF
ON	|__|	2	Zone Bypassing prompt ON	Zone Bypass prompt OFF
ON	|__|	3	Troubles prompt ON	Troubles prompt OFF
ON	|__|	4	Alarm Memory prompt ON	Alarm Memory prompt OFF
ON	|__|	5	Door Chime Control prompt ON	Door Chime Control prompt OFF
ON	|__|	6	Access Codes prompt ON	Access Codes prompt OFF
ON	|__|	7	User Functions prompt ON	User Functions prompt OFF
ON	|__|	8	Output Control prompt ON	Output Control prompt OFF

[61]   Second User Display Mask

Default		Option	ON	OFF
OFF	|__|	1	Installer Programming prompt ON	Installer Programming prompt OFF
ON	|__|	2	Stay Arm prompt ON	Stay Arm prompt OFF
ON	|__|	3	Quick Arm prompt ON	Quick Arm prompt OFF
ON	|__|	4	Interior Arm prompt ON	Interior Arm prompt OFF
OFF	|__|	5	Quick Exit prompt ON	Quick Exit prompt OFF
ON	|__|	6	View Event Buffer prompt ON	View Event Buffer prompt OFF
OFF	|__|	7	For future use	
OFF	|__|	8	Music Input ON	Music Input OFF

[62]   Third User Display Mask

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

[63]   Downloaded LCD Message Duration
Default: 003 |__|__|__| (Valid entries are 000-255, 000=Unlimited Message Display. This number represents the number of times the Downloaded message is cleared by pressing any key while the message is up after timeout)

[64]   Key Options

Default		Option	ON	OFF
ON	|__|	1	[F]ire Keys enabled	[F]ire Keys disabled
ON	|__|	2	[A]uxiliary Keys enabled	[A]uxiliary Keys disabled
ON	|__|	3	[P]anic Keys enabled	[P]anic Keys disabled
OFF	|__|	4-8	For future use	

[65]   Fourth User Display Mask

Default		Option	ON	OFF
ON	�框	1	User Initiated Call-up prompt ON	User Initiated Call-up prompt OFF
OFF	�框	2	For future use	
OFF	�框	3	For future use	
ON	�框	4	Command Output #1 prompt ON	Command Output #1 prompt OFF
ON	�框	5	Command Output #2 prompt ON	Command Output #2 prompt OFF
OFF	�框	6	Command Output #3 prompt ON	Command Output #3 prompt OFF
OFF	�框	7	Command Output #4 prompt ON	Command Output #4 prompt OFF
OFF	�框	8	For future use	

[66]   Keypad Options

Default		Option	ON	OFF
ON	�框	1	Display Access Code when Programming	Display 'X' when Programming
ON	�框	2	Local Clock Display Enabled	Local Clock Display Disabled
OFF	�框	3	Local Clock Displays 24 Hour time	Local Clock Displays AM/PM
ON	�框	4	Auto Alarm Memory Scroll Enabled	Auto Alarm Memory Scroll Disabled
OFF	�框	5	Local Display of Temperature Enabled*	Local Display of Temperature Disabled
OFF	�框	6	Bypass Options prompt ON	Bypass Options prompt OFF
OFF	�框	7-8	For future use	

[67] Fifth User Display Mask

Default		Option	ON	OFF
OFF	�框	1	Thermostat CTRL Prompt ON*	Thermostat CTRL Prompt OFF
OFF	�框	2	Temperature Setting Prompt ON*	Temperature Setting Prompt OFF
OFF	�框	3	Occupancy Mode Prompt ON*	Occupancy Mode Prompt OFF
OFF	�框	4	Thermostat Mode Prompt ON*	Thermostat Mode Prompt OFF
OFF	�框	5	Fan Control Prompt ON*	Fan Control Prompt OFF
OFF	�框	6	For Keypad View Prompt ON*	For Keypad View Prompt OFF
OFF	�框	7-8	For future use	

[68] Sixth User Display Mask

Default		Option	ON	OFF
OFF	�框	1	Occupancy Mode Auxiliary Prompt ON*	Occupancy Mode Auxiliary Prompt OFF
OFF	�框	2	Occupancy Mode Day Prompt ON*	Occupancy Mode Day Prompt OFF
OFF	�框	3	Occupancy Mode Away Prompt ON*	Occupancy Mode Away Prompt OFF
OFF	�框	4	Occupancy Mode Night Prompt ON*	Occupancy Mode Night Prompt OFF
OFF	�框	5-8	For future use	

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

[97] View Software Version

[98] Initiate Global Label Broadcast

All LCD programming is done per keypad. If more than one LCD keypad are present on the system, and the PC5400 receives labels, labels programmed at one keypad can be broadcast to all other LCD keypads. Perform the following procedure in order to broadcast labels:

Step 1 - Program one LCD keypad completely.

Step 2 - Make sure all LCD keypads are connected to the Keybus.

Step 3 - Enter Installer's Programming, then 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.

Step 4 - When the keypad is finished press the [#] key to exit.

[99] Reset LCD EEPROM to Factory Defaults

ASCII Characters

Appendix B: Programming LCD5501Z Keypads

There are several programming options available for the LCD5501Z keypad. These are described below. Record all your programming choices in the programming worksheets included in this manual.
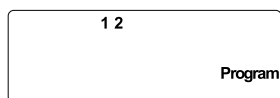
Programming Keypad Options

Programming the LCD5501Z is similar to programming the rest of the system. To change the keypad programming:

1. Enter [*][8][Installer's code]
2. Enter [000] to go to keypad programming
3. Enter section number [6] or [7].
4. To turn any of the options on or off, press the option number (from [1] to [8]).
5. When you are finished programming, press [#].

When you are in the LCD5501Z programming sections, the keypad will display which options are turned on along the top of the display. To turn an option on or off, press the number corresponding to the option on the number pad. The numbers of the options that are currently turned ON will be displayed.

For example, if options 1 and 2 are on, the display will look like:

```
    1 2


              Program
```

Clock Options
The LCD5501Z will display the current time after 30 seconds of no key presses. To set the correct time and date for the system, please refer to the *Power864 User's Guide*. You can change how the keypad displays the time with options [1] to [3] in programming section [6].

NOTE: *If the Time does not display on keypad option is selected, make sure that the Keypad displays time when zones are open option is also selected.*

Alarms Displayed While Armed Option
You can disable the display of alarms on the keypad when the system is armed. The display of alarms is enabled by default. To disable the display of alarms when the system is armed, turn off section [6], option [5].

Emergency Key Options
You can enable or disable the Fire, Auxiliary and Panic keys at each keypad. These keys are enabled by default. Please see the *Power864 Installation Manual* for more information on these keys and their options. To turn any of the emergency keys on or off on the keypad, enter section [7], and turn on or off options [1] to [3].

Door Chime on Zone Openings/Closings
By default, LCD5501Z keypads are programmed to sound door chimes on both zone openings and closings.

To change the door chime opening/closing settings, at each LCD5501Z keypad, enter section [6], and turn on or off options [6] and [7].

[6] LCD5501Z Keypad Options

Default		Option	On	Off
ON	∟____⌐	1	Local Clock Display Enabled	Local Clock Display Disabled
ON	∟____⌐	2	Local Clock Displays AM/PM	Local Clock Displays 24-hour Time
OFF	∟____⌐	3	Open Zones Override Clock Display	Open Zones Do Not Override Clock
OFF	∟____⌐	4	For Future Use	
OFF	∟____⌐	5	Alarms Not Displayed While Armed	Alarms Always Displayed While Armed
OFF	∟____⌐	6	Door Chime Enabled for Zone Openings	Door Chime Disabled for Zone Openings
OFF	∟____⌐	7	Door Chime Enabled for Zone Closings	Door Chime Disabled for Zone Closings
OFF	∟____⌐	8	For Future Use	

[7] Emergency Key Options

Default		Option	On	Off
ON	∟____⌐	1	[F] Key Enabled	[F] Key Disabled
ON	∟____⌐	2	[A] Key Enabled	[A] Key Disabled
ON	∟____⌐	3	[P] Key Enabled	[P] Key Disabled
OFF	∟____⌐	4-8	For Future Use	

Programming Door Chime Options

You can program the LCD5501Z keypad to sound a tone when any zone is opened or closed. There are two parts to the LCD5501Z door chime programming:

• Program if the LCD5501Z will chime when zones are opened and/or closed (see section *"Door Chime on Zone Openings/Closings"* on page 33).

• Program the type of sound the LCD5501Z will make when an individual zone is opened or closed.

For the door chime feature to work, you will also need to turn on the Door Chime attribute for each zone that will trigger the chime. This programming is done in the control panel software. Refer to the *Power864 Installation Manual* for more information.

Door Chime Sounds

You can program the LCD5501Z keypad to make different door chime sounds for individual zones, or groups of zones. Each LCD5501Z keypad can make any of four door chime sounds for each zone that triggers the door chime:

• ·4 quick beeps (default sound)

• ·'Bing – Bing' tone

• ·'Ding – Dong' tone

• ·'Alarm' tone

NOTE: *For a zone to be able to trigger the door chime sound, the Door Chime zone attribute must also be*

enabled in the control panel programming. Please see your Power864 Installation Manual.

To change the door chime sounds:

1. Enter [*][8][Installer's code].
2. Enter [*] to go to door chime sound programming.
3. Enter a 2-digit number for the zone you want to program [01] - [64].

NOTE: *LCD5501Z v 1.x keypads only support zones 1 to 32.*

4. Turn one of the following options on by pressing [1], [2], [3], or [4]:

    [1]4 quick beeps (default sound)
    [2]'Bing – Bing' tone
    [3]'Ding – Dong' tone
    [4]'Alarm' tone

NOTE: *Make sure that only one of the above options is turned on. If more than one is on, the keypad will sound the first option that is enabled. If none of the options are selected, the keypad will not make any sound when the zone is opened or closed.*

5. To program the door chime sound for another zone, repeat steps 3 and 4.
6. When you are finished programming the door chime sounds, press [#] to exit.

Door Chime Sound Programming

Zone	Location	Options:	[1] 4 Beeps (default)	[2] "Bing-bing"	[3] "Ding-dong"	[4] Alarm tone
[01]			⌴	⌴	⌴	⌴
[02]			⌴	⌴	⌴	⌴
[03]			⌴	⌴	⌴	⌴
[04]			⌴	⌴	⌴	⌴
[05]			⌴	⌴	⌴	⌴
[06]			⌴	⌴	⌴	⌴
[07]			⌴	⌴	⌴	⌴
[08]			⌴	⌴	⌴	⌴
[09]			⌴	⌴	⌴	⌴
[10]			⌴	⌴	⌴	⌴
[11]			⌴	⌴	⌴	⌴
[12]			⌴	⌴	⌴	⌴
[13]			⌴	⌴	⌴	⌴
[14]			⌴	⌴	⌴	⌴
[15]			⌴	⌴	⌴	⌴
[16]			⌴	⌴	⌴	⌴
[17]			⌴	⌴	⌴	⌴
[18]			⌴	⌴	⌴	⌴
[19]			⌴	⌴	⌴	⌴
[20]			⌴	⌴	⌴	⌴
[21]			⌴	⌴	⌴	⌴
[22]			⌴	⌴	⌴	⌴
[23]			⌴	⌴	⌴	⌴
[24]			⌴	⌴	⌴	⌴
[25]			⌴	⌴	⌴	⌴
[26]			⌴	⌴	⌴	⌴
[27]			⌴	⌴	⌴	⌴

Zone	Location	Options:	[1] 4 Beeps (default)	[2] "Bing-bing"	[3] "Ding-dong"	[4] Alarm tone
[28]			|_____|	|_____|	|_____|	|_____|
[29]			|_____|	|_____|	|_____|	|_____|
[30]			|_____|	|_____|	|_____|	|_____|
[31]			|_____|	|_____|	|_____|	|_____|
[32]			|_____|	|_____|	|_____|	|_____|
[33]*			|_____|	|_____|	|_____|	|_____|
[34]*			|_____|	|_____|	|_____|	|_____|
[35]*			|_____|	|_____|	|_____|	|_____|
[36]*			|_____|	|_____|	|_____|	|_____|
[37]*			|_____|	|_____|	|_____|	|_____|
[38]*			|_____|	|_____|	|_____|	|_____|
[39]*			|_____|	|_____|	|_____|	|_____|
[40]*			|_____|	|_____|	|_____|	|_____|
[41]*			|_____|	|_____|	|_____|	|_____|
[42]*			|_____|	|_____|	|_____|	|_____|
[43]*			|_____|	|_____|	|_____|	|_____|
[44]*			|_____|	|_____|	|_____|	|_____|
[45]*			|_____|	|_____|	|_____|	|_____|
[46]*			|_____|	|_____|	|_____|	|_____|
[47]*			|_____|	|_____|	|_____|	|_____|
[48]*			|_____|	|_____|	|_____|	|_____|
[49]*			|_____|	|_____|	|_____|	|_____|
[50]*			|_____|	|_____|	|_____|	|_____|
[51]*			|_____|	|_____|	|_____|	|_____|
[52]*			|_____|	|_____|	|_____|	|_____|
[53]*			|_____|	|_____|	|_____|	|_____|
[54]*			|_____|	|_____|	|_____|	|_____|
[55]*			|_____|	|_____|	|_____|	|_____|
[56]*			|_____|	|_____|	|_____|	|_____|
[57]*			|_____|	|_____|	|_____|	|_____|
[58]*			|_____|	|_____|	|_____|	|_____|
[59]*			|_____|	|_____|	|_____|	|_____|
[60]*			|_____|	|_____|	|_____|	|_____|
[61]*			|_____|	|_____|	|_____|	|_____|
[62]*			|_____|	|_____|	|_____|	|_____|
[63]*			|_____|	|_____|	|_____|	|_____|
[64]*			|_____|	|_____|	|_____|	|_____|

NOTE: *Zones 33 to 64 only available on LCD5501Z v2.x and higher keypads.*

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