Keypad Programming

[000] Keypad Enrollment

(Section 2.5 “Keypad Enrollment”)

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

[0] Slot [Valid entries are 11-18; ie. enter [11] for slot 1, [12] for slot 2, etc.]

[1] Function Key 1 Assignment (Valid entries are 00-17)

[2] Function Key 2 Assignment (Valid entries are 00-17)

[3] Function Key 3 Assignment (Valid entries are 00-17)

[4] Function Key 4 Assignment (Valid entries are 00-17)

[5] Function Key 5 Assignment (Valid entries are 00-17)

Function Key Options:

00 Null Key
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]
16 [✶][0] Quick Exit
17 [✶][1] Reactivate Stay/Away’s

	Slot (Address)	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	____	____	____	____	____	____
KEYPAD 2	____	____	____	____	____	____
KEYPAD 3	____	____	____	____	____	____
KEYPAD 4	____	____	____	____	____	____
KEYPAD 5	____	____	____	____	____	____
KEYPAD 6	____	____	____	____	____	____
KEYPAD 7	____	____	____	____	____	____
KEYPAD 8	____	____	____	____	____	____

Basic Programming

Zone Definitions

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

If 24-hour Buzzer zones are used, keypads must be installed

[001] Zone 1-8 Definitions

(Section 5.2 “Zone Programming”)

Default			Default		
01	|___|___|	Zone 1	04	|___|___|	Zone 5
03	|___|___|	Zone 2	04	|___|___|	Zone 6
03	|___|___|	Zone 3	00	|___|___|	Zone 7
03	|___|___|	Zone 4	00	|___|___|	Zone 8

Keypad zones are assigned in Section [020]. Zone Attributes are assigned in Sections [101] - [108]. Zone assignment is in section [202].

[005] System Times

Default	[001-255]		
030	|___|___|___|	Entry Delay 1 (in seconds)	(Section 5.18 “Entry/Exit Delay Options”)
045	|___|___|___|	Entry Delay 2 (in seconds)	(Section 5.18 “Entry/Exit Delay Options”)
120	|___|___|___|	Exit Delay (in seconds)	(Section 5.18 “Entry/Exit Delay Options”)
004	|___|___|___|	Bell Cut-off (in minutes)	(Section 5.13 “Siren”)

[006] Installer’s Code

(Section 4.1 “Installer Programming”)

Default
1555 \|___\|___\|___\|___\| Version 2.3 use 5555

[007] Master Code

(Section 5.1 “Programming Security Codes”)

Default
1234 \|___\|___\|___\|___\|

[008] Maintenance Code

(Section 5.1 “Programming Security Codes”)

Default
AAAA \|___\|___\|___\|___\|

[009] PGM Output Programming (PGM 1 and 2)

(Section 5.11 “PGM Output Options”)

Programmable Output Options

01 Burglary and Fire Bell Output
02 For future use
03 Sensor Reset
04 2-wire Smoke Support (PGM2 only)
05 System Armed Status
06 Ready To Arm
07 Keypad Buzzer Follow Mode
08 Courtesy Pulse
09 System Trouble Output (with Trouble options)
10 Latched System Event [Strobe (with Event options)]
11 System Tamper (all sources: zones, kpd, modules)
12 TLM and Alarm
13 Kissoff Output
14 Ground Start Pulse
15 Remote Operation (DLS-1 Support)
16 LINKS 1000 Support (PGM1 only)
17 Away Armed Status
18 Stay Armed Status
19 Command Output #1 ([✶] [7] [1])
20 Command Output #2 ([✶] [7] [2])
21 For future use
22 For future use
23 Silent 24 Hour (PGM2 Only)
24 Audible 24 Hour (PGM2 Only)

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

Default

19 |___|___| PGM 1

10 |___|___| PGM 2

Program PGM Option Attributes in sections [141] & [142].

[012] Keypad Lockout Options

(Section 5.21 “Keypad Lockout Options”)

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
OFF	|___|	**1**	Normally Closed Loops	End-of-Line Resistors	2.8
OFF	|___|	**2**	Double End-of-Line Resistors	Single End-of-Line Resistors	2.8
ON	|___|	**3***	Panel shows all troubles when armed	Panel shows only Fire troubles when armed	3.4
OFF	|___|	**4**	Tampers/Faults do not show as open	Tampers/Faults show as open	5.8
OFF	|___|	**5**	Zone 1 is Fast Loop Response	Zone 1 is Standard Loop Response	5.24
ON	|___|	**6**	Audible Exit Fault Enabled	Audible Exit Fault Disabled	5.18
ON	|___|	**7**	Event Buffer Follows Swinger Shutdown	Event Buffer Logs Events Past shutdown	5.20
OFF	|___|	**8**	Temporal Three Fire Signal Enabled	Standard Pulsed Fire Signal	5.13

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

[014] Second System Option Code

Default	Option		ON	OFF	Section
OFF	|___|	**1**	Arm / Disarm Bell Squawk enabled	Arm / Disarm Bell Squawk disabled	5.17
OFF	|___|	**2**	Bell Squawk During Auto Arm	No Bell Squawk During Auto Arm	5.18
OFF	|___|	**3**	Bell Squawk On Exit Delay	No Bell Squawk On Exit Delay	5.18
OFF	|___|	**4**	Bell Squawk On Entry Delay	No Bell Squawk On Entry Delay	5.18
OFF	|___|	**5**	Bell Squawk On Trouble	No Bell Squawk On Trouble	3.4
ON	|___|	**6**	Audible Exit with Urgency	Silent Exit Delay	5.18
OFF	|___|	**7**	Exit Delay Termination Enabled	Exit Delay Termination Disabled	5.18
OFF	|___|	**8**	Fire Bell is Continuous	Fire Bell follows Bell Cut-off	5.13

[015] Third System Option Code

Default		Option	ON	OFF	Section
ON	ı___ı	**1**	Fire Keys Enabled	Fire Keys Disabled	5.16
OFF	ı___ı	**2**	Panic Keys Audible (Bell / Beeps)	Panic Keys Silent	5.16
OFF	ı___ı	**3**	Quick Exit Enabled	Quick Exit Disabled	3.4
ON*	ı___ı	**4**	Quick Arming Enabled	Quick Arming Dis. / Function keys Req. Code	3.4
OFF	ı___ı	**5**	Code Required For Bypassing	No Code Required	3.4
OFF	ı___ı	**6**	Master Code Not Changeable	Master Code Changeable	5.1
ON	ı___ı	**7**	TLM Enabled	TLM Disabled	5.12
OFF	ı___ı	**8**	TLM Audible (Bell) When Armed	TLM Trouble Beeps When Armed	5.12

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

[016] Fourth System Option Code

Default		Option	ON	OFF	Section
ON	ı___ı	**1**	AC Trouble Displayed	AC Trouble Not Displayed	3.4
OFF	ı___ı	**2**	Trouble Light Flashes if AC Fails	Trouble Light Does Not Follow AC Status	3.4
OFF	ı___ı	**3**	Blank Keypad When Not Used	Keypad Active Always	5.22
OFF	ı___ı	**4**	Code Required to Remove Kypd Blanking	No Code Required	5.22
ON	ı___ı	**5**	Keypad Backlighting is enabled	Keypad Backlighting is disabled	5.23
OFF	ı___ı	**6**	Power Save Mode enabled	Power Save Mode disabled	5.22
OFF	ı___ı	**7**	Bypass Status Displayed While Armed	Bypass Status Not Displayed While Armed	5.17
OFF	ı___ı	**8**	Keypad Tampers enabled	Keypad Tampers disabled	5.25

[020] Keypad Zone Assignments
(Section 2.12 “Keypad Zones”)

Only one keypad may be assigned to any given zone.

Default			
00	ı___ı___ı	Keypad (Slot 1) Zone	Valid entries are zones 01-08
00	ı___ı___ı	Keypad (Slot 2) Zone	Valid entries are zones 01-08
00	ı___ı___ı	Keypad (Slot 3) Zone	Valid entries are zones 01-08
00	ı___ı___ı	Keypad (Slot 4) Zone	Valid entries are zones 01-08
00	ı___ı___ı	Keypad (Slot 5) Zone	Valid entries are zones 01-08
00	ı___ı___ı	Keypad (Slot 6) Zone	Valid entries are zones 01-08
00	ı___ı___ı	Keypad (Slot 7) Zone	Valid entries are zones 01-08
00	ı___ı___ı	Keypad (Slot 8) Zone	Valid entries are zones 01-08

Advanced System Programming

Zone Attributes

(Section 5.3 “Zone Attributes”)

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 Heat	Y	N	N	N	N	N	N	N
15 24hr Medical	Y	Y	N	N	N	N	N	N
16 24hr Panic	Y	Y	N	N	N	N	N	N
17 24hr Emergency	Y	Y	N	N	N	N	N	N
18 24hr Sprinkler	Y	Y	N	N	N	N	N	N
19 24hr Water	Y	Y	N	N	N	N	N	N
20 24hr Freeze	Y	Y	N	N	N	N	N	N
21 24hr Latching Tamper	Y	Y	N	N	N	N	N	N
22 Momentary Keyswitch	N	N	N	N	Y	N	N	N
23 Maintained Keyswitch	N	N	N	N	Y	N	N	N
24 LINKS Answer	N	N	N	N	Y	N	N	N
87 Dly. 24hr Fire (Wireless)	Y	N	N	N	N	N	N	Y
88 Stand. 24hr Fire (Wireless)	Y	N	N	N	N	N	N	Y

Section	**Zone #**	**Zone Type***	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
[101]	1	( )	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|
[102]	2	( )	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|
[103]	3	( )	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|
[104]	4	( )	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|
[105]	5	( )	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|
[106]	6	( )	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|
[107]	7	( )	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|
[108]	8	( )	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|

*Record here based on programming in section [001]

PGM Output Attributes

(Section 5.11 “PGM Output Options”)

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

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

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

Section	**PGM #**	**Output Type***	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
[141]	1	( )	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|
[142]	2	( )	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|	|_____|

*Record here based on programming in section [009]

[160] Maximum Dialing Attempts to Each Phone Number

(Section 5.5 “Communicator Dialing”)

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

[161] Post Dial Wait for Handshake (All Formats)

(Section 5.5 “Communicator Dialing”)

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

[202] Zone Assignments
(Section 5.2 “Zone Programming”)

Program *Zone Definitions* in section [001] and *Zone Attributes* in sections [101] - [108].
Program *Keypad Zone Assignments* in section [020].

Any zones not used on the system should be disabled in this section. Disabled wireless zones should have a blank serial number (ie. [000000]).

Default		Option	ON	OFF
ON		**1**	Zone 1 is enabled	Zone 1 is disabled
ON		**2**	Zone 2 is enabled	Zone 2 is disabled
ON		**3**	Zone 3 is enabled	Zone 3 is disabled
ON		**4**	Zone 4 is enabled	Zone 4 is disabled
ON		**5**	Zone 5 is enabled	Zone 5 is disabled
ON		**6**	Zone 6 is enabled	Zone 6 is disabled
ON		**7**	Zone 7 is enabled	Zone 7 is disabled
ON		**8**	Zone 8 is enabled	Zone 8 is disabled

Communicator Programming

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

[301] First Telephone Number (32 Digits)
(Section 5.7 “Communicator – Phone Numbers”)

[302] Second Telephone Number (32 Digits)
(Section 5.7 “Communicator – Phone Numbers”)

[303] Third Telephone Number (32 Digits)
(Section 5.7 “Communicator – Phone Numbers”)

[310] First/Third Telephone Number Account Code
(Section 5.6“Communicator – Account Numbers”)

[311] Second Telephone Number Account Code
(Section 5.6 “Communicator – Account Numbers”)

[320] Alarm Reporting Codes, Zones 1-8
(Section 5.8 “Communicator – Reporting Codes”)

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

[324] Alarm Restoral Reporting Codes, Zones 1-8
(Section 5.8 “Communicator – Reporting Codes”)

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

[328] Miscellaneous Alarm Reporting Codes
(Section 5.8 “Communicator – Reporting Codes”)

	Duress Alarm		Zone Expander Supervisory Alarm
	Opening After Alarm		Zone Expander Supervisory Restoral
	Recent Closing		Cross Zone Police Code Alarm

[329] Priority Alarm and Restoral
(Section 5.8 “Communicator – Reporting Codes”)

|___|___|	Keypad Fire Alarm	|___|___|	Keypad Fire Restoral
|___|___|	Keypad Auxiliary Alarm	|___|___|	Keypad Auxiliary Restoral
|___|___|	Keypad Panic Alarm	|___|___|	Keypad Panic Restoral
|___|___|	PGM2 Alarm	|___|___|	PGM2 Restoral

[330] Tamper Reporting Codes, Zones 1-8
(Section 5.8 “Communicator – Reporting Codes”)

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

[334] Tamper Restoral Reporting Codes, Zones 1-8
(Section 5.8 “Communicator – Reporting Codes”)

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

[338] Miscellaneous Tamper Reporting Codes
(Section 5.8 “Communicator – Reporting Codes”)

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

[339] Closing (Arming) Reporting Codes, Access Codes 1-8
(Section 5.8 “Communicator – Reporting Codes”)

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

[340] Closing (Arming) Reporting Codes, Access Codes 9-16
(Section 5.8 “Communicator – Reporting Codes”)

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

[341] Closing (Arming) Reporting Codes, Access Codes 17-24
(Section 5.8 “Communicator – Reporting Codes”)

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

[342] Closing (Arming) Reporting Codes, Access Codes 25-32
(Section 5.8 “Communicator – Reporting Codes”)

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

[343] Miscellaneous Closing (Arming) Reporting Codes
(Section 5.8 “Communicator – Reporting Codes”)

|___| Closing by Duress Code 33	|___| Closing by System Code 42
|___| Closing by Duress Code 34	|___| Partial Closing
|___| Closing by System Code 40	|___| Special Closing
|___| Closing by System Code 41		

[344] Opening (Disarming) Reporting Codes, Access Codes 1-8
(Section 5.8 “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 5.8 “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 5.8 “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 5.8 “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 5.8 “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 5.8 “Communicator – Reporting Codes”)

|___| Battery Trouble Alarm	|___| Auxiliary Power Supply Trouble Alarm
|___| AC Failure Trouble Alarm	|___| TLM Trouble Code (via LINKS)
|___| Bell Circuit Trouble Alarm	|___| General System Trouble
|___| Fire Trouble Alarm	|___| General System Supervisory

[350] Maintenance Restoral Reporting Codes
(Section 5.8 “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 5.8 “Communicator – Reporting Codes”)

|___|___| Phone Number 1 Failure to Communicate Restore
|___|___| Phone Number 2 Failure to Communicate Restore
|___|___| Event Buffer is 75% Full Since Last Upload
|___|___| DLS Lead IN
|___|___| DLS Lead OUT
|___|___| General Zone Trouble Alarm
|___|___| General Zone Trouble Restore
|___|___| Delinquency Code

[352] Test Transmission Reporting Codes
(Section 5.8 “Communicator – Reporting Codes”)

|___|___| Periodic Test Transmission |___|___| LINKS 1000 Test Transmission Code*
|___|___| System Test

*The LINKS Test Transmission Code must be programmed as “00” for the LINKS Test Transmission to be disabled.

[353] Wireless Maintenance Reporting Codes
(Section 5.8 “Communicator – Reporting Codes”)

|___|___| General Zone Low Battery Alarm |___|___| General Zone Low Battery Restore

[360] Communicator Format Options
(Section 5.9 “Communicator – Reporting Formats”)

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

Default

02 |___|___| 1st Phone Number

02 |___|___| 2nd Phone Number

01 20 BPS, 1400 HZ handshake
02 20 BPS, 2300 HZ handshake
03 DTMF CONTACT ID
04 SIA FSK
05 Pager

[361] Alarm/Restore Communicator Call Directions
(Section 5.5 “Communicator – Dialing”)

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

[363] Tamper/Restore Communicator Call Directions
(Section 5.5 “Communicator – Dialing”)

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

[365] Opening/Closing Communicator Call Directions
(Section 5.5 “Communicator – Dialing”)

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

[367] System Maintenance Alarm/Restore Communicator Call Directions
(Section 5.5 “Communicator – Dialing”)

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

[368] System Test Transmissions Communicator Call Directions
(Section 5.5 “Communicator – Dialing”)

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

The LINKS1000 backup call directions will only back up their respective telephone numbers.

[370] Communication Variables

Default				Section
003	⌊___⌋	Swinger Shutdown (Alarms and Rest)	(001-014 Transmissions, 000=disabled)	5.19
003	⌊___⌋	Swinger Shutdown (Tampers and Rest)	(001-014 Transmissions, 000=disabled)	5.19
003	⌊___⌋	Swinger Shutdown (Maint and Rest)	(001-014 Transmissions, 000=disabled)	5.19
000	⌊___⌋	Transmission Delay	(001-255 seconds)	5.15
030	⌊___⌋	AC Failure Communication Delay	(001-255 minutes)	5.8
003	⌊___⌋	TLM Trouble Delay	(No. of checks required - valid entries 003 - 255)	5.12
030	⌊___⌋	Test Transmission Cycle (land line)	(001-255 days)	5.14
030	⌊___⌋	Test Transmission Cycle (LINKS)	(001-255 days)	5.14
007	⌊___⌋	Zone Low Battery Transmission Delay	(000-255 days)	5.8
030	⌊___⌋	Delinquency Transmission Cycle	(001-255 days / hours)*	5.8

*Depends on programming in section [380], option [8].

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

[371] Test Transmission Time of Day
(Section 5.14 “Test Transmission”)

Default

9999 ⌊___⌋ (Valid entries are 0000-2359, 9999 to disable)

[380] First Communicator Option Code

Default		Option	ON	OFF	Section
ON	⌊___⌋	**1**	Communications Enabled	Communications Disabled	5.5
OFF	⌊___⌋	**2**	Restorals on Bell Time-out	Restorals Follow Zones	5.8
OFF	⌊___⌋	**3**	Pulse Dialing	DTMF Dialing	5.5
ON	⌊___⌋	**4**	Switch to Pulse Dialing on 5th Attempt	DTMF Dial For All Attempts	5.5
OFF	⌊___⌋	**5**	3rd Phone Number enabled	3rd Phone Number disabled	5.7
OFF	⌊___⌋	**6**	Alternate Dial (1st and 3rd)	Call 1st Number, Backup to 3rd	5.7
OFF	⌊___⌋	**7**	Call LINKS as well as Land Line	LINKS is Backup of Land Line(s)	5.26
OFF	⌊___⌋	**8**	Delinquency Follows Zone Activity (hours)	Delinquency Follows Arming (days)	5.8

[381] Second Communicator Option Code

Default		Option	ON	OFF	Section
OFF	___	**1**	Open After Alarm Kypd Ringback enabled	Open After Alrm Kypd Ringback disabled	5.17
OFF	___	**2**	Open After Alarm Bell Ringback enabled	Open After Alrm Bell Ringback disabled	5.17
OFF	___	**3**	SIA Sends Programmed Rep. Codes	SIA Sends Automatic Rep. Codes	5.9
OFF	___	**4**	Closing Confirmation Enabled	Closing Confirmation Disabled	5.17
OFF	___	**5-8**	For Future Use	—	

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

Default

FFFF ___ ___ ___ ___ (Program all unused digits with Hex F)

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

Default

FFFF ___ ___ ___ ___ (Program all unused digits with Hex F)

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

Default

FFFF ___ ___ ___ ___ (Program all unused digits with Hex F)

[393] LINKS Special Function Preamble (All Telephone Numbers)
(Section 5.26 “LINKS 1000 Cellular Communicator”)

Default

FFFFFF ___ ___ ___ ___ ___ ___ (Program all unused digits with Hex F)

- Enter [✶] [2] [✶] (HEX B) to dial [✶]
- Enter [✶] [3] [✶] (HEX C) to dial [#]

Downloading Options

[401] First Downloading Option Code
(Section 5.10 “Downloading”)

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 5.10 “Downloading”)

___ ___

[403] Downloading Access Code
(Section 5.10 “Downloading”)

Default: 1555 ___ ___ ___ ___ Enter 4 HEX digits

[404] Panel Identification Code
(Section 5.10 “Downloading”)

Default: 1555 ___ ___ ___ ___ Enter 4 HEX digits

[405] Answering Machine Double-call Timer
(Section 5.10 “Downloading”)

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

[406] Number of Rings to Answer On
(Section 5.10 “Downloading”)

Default: 000 |___|___|___| (Valid entries are 000-255 rings)

[490] LINKS Preamble (Downloading Telephone Number)
(Section 5.10 “Downloading”)

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

[499] [Installer’s Code] [499] Initiate PC-Link (Local Downloading)
(Section 5.10 “Downloading”)

Module Programming

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

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

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

Special Installer Functions

[901] Installer Walk Test Mode Enable / Disable
(Section 5.30 “Walk Test [Installer]”)

[902] Module Supervision Reset
(Section 2.7 “Removing Modules”)

[903] Module Supervision Field
(Section 2.6 “Supervision”)

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

- Select the module / transmitter (Zones 01-8).
- Press [#] to Cancel.

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

[990] Installer Lockout Enable
(Section 5.29 “Installer Lockout”)

[991] Installer Lockout Disable
(Section 5.29 “Installer Lockout”)

[993] Restore LINKS2X50 Factory Default Programming
(Section 5.28 “Resetting Factory Defaults”)

[996] Restore PC5132 Factory Default Programming
(Section 5.28 “Resetting Factory Defaults”)

[997] Restore PC5400 Factory Default Programming
(Section 5.28 “Resetting Factory Defaults”)

[999] Restore PC1555 Factory Default Programming
(Section 5.28 “Resetting Factory Defaults”)

Contact ID

A P P E N D I X A

The Partition ID Codes must be 4 digits. All reporting codes must be 2 digits.
The following is a list of Contact ID reporting codes. The first digit (in parentheses) will automatically be sent by the control. The last two digits are programmed to indicate specific information about the signal.
For example, if zone 1 is an entry/exit point, the alarm reporting code could be programmed as [34]. The central station would receive the following:
***BURG - ENTRY/EXIT - 1**
In the above example, the "1" indicates which zone went into alarm.

When using 2-wire smoke and Contact ID, the zone number will be identified as 99.

Event Codes (as per ADEMCO):

Medical Alarms
(1)AA Medical
(1)A1 Pendant Transmitter
(1)A2 Fail to Report In

Fire Alarms
(1)1A Fire Alarm
(1)11 Smoke
(1)12 Combustion
(1)13 Water Flow
(1)14 Heat
(1)15 Pull Station
(1)16 Duct
(1)17 Flame
(1)18 Near Alarm

Panic Alarms
(1)2A Panic
(1)21 Duress
(1)22 Silent
(1)23 Audible

Burglar Alarms
(1)3A Burglary
(1)31 Perimeter
(1)32 Interior
(1)33 24 Hour
(1)34 Entry / Exit
(1)35 Day / Night
(1)36 Outdoor
(1)37 Tamper
(1)38 Near Alarm

General Alarms
(1)4A General Alarm
(1)43 Exp. module failure
(1)44 Sensor tamper
(1)45 Module Tamper
(1)4A Cross Zone Police Code

24 Hour Non-Burglary
(1)5A 24 Hour non-Burg
(1)51 Gas detected
(1)52 Refrigeration
(1)53 Loss of Heat
(1)54 Water Leakage
(1)55 Foil Break
(1)56 Day Trouble
(1)57 Low bottled Gas level
(1)58 High Temp
(1)59 Low Temp
(1)61 Loss of Air Flow

Fire Supervisory
(2)AA 24 Hour non-Burg
(2)A1 Low Water Pressure
(2)A2 Low CO2
(2)A3 Gate Valve Sensor
(2)A4 Low water level
(2)A5 Pump activated
(2)A6 Pump failure

System Troubles
(3)AA System Trouble
(3)A1 AC Loss
(3)A2 Low System Battery
(3)A3 RAM checksum bad*
(3)A4 ROM checksum bad*
(3)A5 System Reset*
(3)A6 Panel prog. changed*
(3)A7 Self-test failure
(3)A8 System Shutdown
(3)A9 Battery Test Failure
(3)1A Ground Fault

Sounder / Relay Troubles
(3)2A Sounder / Relay
(3)21 Bell 1
(3)22 Bell 2
(3)23 Alarm Relay
(3)24 Trouble Relay
(3)25 Reversing

System Peripheral Troubles
(3)3A System Peripheral
(3)31 Polling Loop Open
(3)32 Polling Loop Short
(3)33 Exp. Module Failure
(3)34 Repeater Failure
(3)35 Local Printer Paper Out
(3)36 Local Printer Failure

Communication Troubles
(3)5A Communication
(3)51 Telco 1 Fault
(3)52 Telco 2 Fault
(3)53 Lng-Rnge Rad. xmttr. fault
(3)54 Fail to Communicate
(3)55 Loss of radio super.
(3)56 Loss of central polling

Protection Loop Troubles
(3)7A Protection Loop
(3)71 Protection Loop open
(3)72 Protection Loop short
(3)73 Fire Trouble

Sensor Troubles
(3)8A Sensor Trouble
(3)81 Loss of super. RF
(3)82 Loss of super. RPM
(3)83 Sensor Tamper
(3)84 RF xmitter low batter

Open / Close
(4)AA Open / Close
(4)A1 O / C by User
(4)A2 Group O / C
(4)A3 Automatic O / C
(4)A4 Late to O / C
(4)A5 Deferred O / C
(4)A6 Cancel
(4)A7 Remote Arm / Disarm
(4)A8 Quick Arm
(4)A9 Keyswitch O / C

Remote Access
(4)11 Callback request made*
(4)12 Successful Download access*
(4)13 Unsuccessful access*
(4)14 System Shutdown
(4)15 Dialer Shutdown

Access Control
(4)21 Access denied
(4)22 Access report by user

Miscellaneous
(4)56 Partial close
(4)59 Recent close

System Disables
(5)AA-(5)1A

Sounder / Relay Disables
(5)2A Sounder / Relay disable
(5)21 Bell 1 disable
(5)22 Bell 2 disable
(5)23 Alarm relay disable
(5)24 Trouble relay disable
(5)25 Reversing relay disable

System Peripheral Disables
(5)3A-54A

Communication Disables
(5)51 Dialer disabled
(5)52 Radio xmitter disabled

Bypasses
(5)7A Zone bypass
(5)71 Fire bypass
(5)72 24 Hour zone bypass
(5)73 Burg bypass
(5)74 Group bypass

Test / Misc.
(6)A1 Manual Trigger Test*
(6)A2 Periodic Test report*
(6)A3 Periodic RF xmission*
(6)A4 Fire test*
(6)A5 Status report to follow*
(6)A6 Listen-in to follow
(6)A7 Walk test mode
(6)23 Event buffer 90% full

* Restore not applicable

SIA Format

A P P E N D I X B

SIA Format

Level 2 (Hardcoded)

The SIA communication format used in this product follows the level 2 specifications of the SIA Digital Communication Standard - January 1996. This format will send the Account Code along with its data transmission. The transmission would look similar to the following at the receiver:

N Ri01 BA 01

N = New Event
Ri01 = Partition /Area Identifier
BA = Burglary Alarm
01 = Zone 1

PC1555 Reporting Codes	SIA Identifiers & Auto-Reporting Code
Delay Zone Alarm/Restore	BA-XX / BH-XX *
Instant Zone Alarm/Restore	BA-XX / BH-XX *
Interior Zone Alarm/Restore	BA-XX / BH-XX *
Delay S.A. Zone Alarm/Restore	BA-XX / BH-XX *
Interior S.A. Zone Alarm/Restore	BA-XX / BH-XX *
24 Hr Burg Zone Alarm/Restore	BA-XX / BH-XX *
Standard Fire Zone Alarm/Restore	FA-XX / FH-XX *
Delayed Fire Zone Alarm/Restore	FA-XX / FH-XX *
24 Hr Supervisory Buzzer Zone Alarm/Restore	UA-XX/ UH-XX *
24 Hr Supervisory Zone Alarm/Restore	UA-XX / UH-XX *
24 Hr Medical Zone Alarm/Restore	MA-XX / MH-XX *
24 Hr Panic Zone Alarm/Restore	PA-XX / PH-XX *
24 Hr Holdup Zone Alarm/Restore	HA-XX / HH-XX *
24 Hr Gas Zone Alarm/Restore	GA-XX / GH-XX *
24 Hr Heat Zone Alarm/Restore	KA-XX / KH-XX *
24 Hr Emergency Zone Alarm/Restore	QA-XX / QH-XX *
24 Hr Sprinkler Zone Alarm/Restore	SA-XX / SH-XX *
24 Hr Water Zone Alarm/Restore	WA-XX / WH-XX *
24 Hr Freeze Zone Alarm/Restore	ZA-XX / ZH-XX *
24 Hr Latching Tamper Alarm/Restore	BA-XX / BH-XX *
Duress Alarm	HA-00
Opening After Alarm	OR-00
Recent Closing	CR-00
Zone Expander Supervisory Alarm/Restore	UA-00/UH-00
Keypad Fire Alarm/Restore	FA-00 / FH-00
Keypad Auxiliary Alarm/Restore	MA-00 / MH-00
Keypad Panic Alarm/Restore	PA-00 / PH-00
2-wire Smoke Alarm/Restore	FA-99 / FH-99
Audible/Silent 24 Hr	UA-99 / UH-99

PC1555 Reporting Codes	SIA Identifiers & Auto-Reporting Code
Zone Tamper (1-8)	TA-XX *
Zone Tamper Restorals (1-8)	TR-XX *
General System Tamper/Restore	TA-00 / TR-00
Keypad Lockout	JA-00
Closing By Access Codes 1-32, 33, 34, 40-42	CL-XX◆
Partial Closing	CG-XX▼
Special Closing (DLS, Keys, Maint, Quick)	CL-00
Opening By Access Codes 1-32, 33, 34, 40-42	OP-XX◆
Auto-Arm Cancellation	CE-00
Special Opening (DLS, Keys, Maint)	OP-00
Battery Trouble Alarm/Restore	YT-00/YR-00
AC Failure Trouble Alarm/Restore	AT-00/AR-00
Bell Circuit Trouble Alarm/Restore	UT-99/UJ-99
Fire Trouble Alarm/Restore	FT-00/FJ-00
Auxiliary Power Supply Trouble Alarm/Restore	YP-00/YQ-00
TLM Trouble Code (via LINKS)	LT-00
General System Trouble/Restore	YX-00/YZ-00
General System Supervisory/Restore	ET-00/ER-00
TLM Restoral	LR-00
FTC Restoral	YK-00
Event Buffer 75% Full Since Last Upload	JL-00
DLS Lead In	RB-00
DLS Lead Out (Successful)	RS-00
Periodic Test Transmission	RP-00
System Test	RX-00
LINKS1000 Test Transmission Code	TX-00
General Transmitter Low Battery/Restore	XT-00/XR-00
General Zone Trouble/Restore	UT-00/UJ-00
Cross Zone Police Code	BV-00
Delinquency Code	CD-00

* Zone Number is Identified
◆ User Number is Identified
▼ Each Zone Number is Identified (using UB-XX)

NOTE: Activity Delinquency will transmit the identifier for Closing Delinquency (CD-00).

Programming LCD Keypads

A P P E N D I X C

If you have an LCD5500Z Keypad, additional programming is required for proper operation. The following is a description of the available programming options and their accompanying programming sections:

How to Enter LCD Programming
Follow the programming procedure as outlined in Section 4 by pressing [✶] [8] [Installer's Code]. Press the [✶] key. Enter the two digit Section number to be programmed.

Programmable Labels – Sections [01] - [08], [33], [34], [40], [44], [51], [52]
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:

- Enter Installer's Programming. Enter the Number corresponding to the label to be programmed.
- Use the arrow keys (<>) to move the underline bar underneath the letter to be changed.
- 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 [2] - D, E, F, 2 [3] - G, H, I, 3 [4] - J, K, L, 4 [5] - M, N, O, 5
  [6] - P, Q, R, 6 [7] - S, T, U, 7 [8] - V, W, X, 8 [9] - Y, Z, 9,0 [0] - Space
- When the required letter or number is displayed use the arrow keys (<>) to scroll to the next letter.
- When you are finished programming the Zone Label, press the [✶] key, scroll to "Save," then press [✶].
- Continue from Step 2 until all labels are programmed.

[01] to [08] Zone Labels (14 Characters)

Default: "Zone 1" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦
Default: "Zone 2" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦
Default: "Zone 3" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦
Default: "Zone 4" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦
Default: "Zone 5" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦
Default: "Zone 6" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦
Default: "Zone 7" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦
Default: "Zone 8" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦

[33] Fire Alarm Label (14 Characters)

Default: "Fire Zone" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦

[34] System Label (14 Characters)

Default: "System" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦

[40] to [44] [✶] [7] [1-2] Command Output Option Labels (14 Characters)

[40] Default: "Command O/P 1" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦
[44] Default: "Command O/P 2" ¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦___¦

[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	ı___ı	1	Installer Programming prompt ON	Installer Programming prompt OFF
ON	ı___ı	2	Stay Arm prompt ON	Stay Arm prompt OFF
ON	ı___ı	3	Quick Arm prompt ON	Quick Arm prompt OFF
ON	ı___ı	4	Interior Arm prompt ON	Interior Arm prompt OFF
OFF	ı___ı	5	Quick Exit prompt ON	Quick Exit prompt OFF
ON	ı___ı	6	View Event Buffer prompt ON	View Event Buffer prompt OFF
OFF	ı___ı	7-8	For Future Use	

[62] Third User Display Mask

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

[63] Downloaded LCD Message Duration

Default: 003 ı___ı___ı___ı (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	ı___ı	1	[F]ire Keys enabled	[F]ire Keys disabled
ON	ı___ı	2	[A]uxiliary Keys enabled	[A]uxiliary Keys disabled
ON	ı___ı	3	[P]anic Keys enabled	[P]anic Keys disabled

[65] Fourth User Display Mask

Default		Option	ON	OFF
ON	ı___ı	1	User Initiated Call-up Prompt ON	User Initiated Call-up Prompt OFF
OFF	ı___ı	2	For Future Use	
OFF	ı___ı	3	For Future Use	
ON	ı___ı	4	Command Output #1 prompt ON	Command Output #1 prompt OFF
ON	ı___ı	5	Command Output #2 prompt ON	Command Output #2 prompt OFF
OFF	ı___ı	6	For Future Use	
OFF	ı___ı	7	For Future Use	

[66] Keypad Options

Default		Option	ON	OFF
ON	ı___ı	1	Display Access Code when Programming	Display 'X' when Programming
ON	ı___ı	2	Local Clock Display Enabled	Local Clock Display Disabled
OFF	ı___ı	3	Local Clock Displays 24 Hour time	Local Clock Displays AM/PM
ON	ı___ı	4	Auto Alarm Memory Scroll Enabled	Auto Alarm Memory Scroll Disabled
OFF	ı___ı	5-8	For Future Use	

[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

032	035	038	041	044	047	060	063	094	124	127	228	231	238	241	246	253
033	036	039	042	045	058	061	064	095	125	176	229	234	239	244	248	254
034	037	040	043	046	059	062	093	123	126	225	230	236	240	245	249	255