

INSTALLATION RECORDS & STANDARD DEFAULTS

Premier 412/816/832

INS490

Installation Details

Customer: _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Alarm Receiving Centre 1: _____

Alarm Receiving Centre 2: _____

Installation Date: _____

Zone Details

Zone	Location	Zone	Location
01		17	
02		18	
03		19	
04		20	
05		21	
06		22	
07		23	
08		24	
09		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	
16		32	

 **NOTE** To Meet ANSI/SIA CP-01-2007 Control Panel Standard – Features for False Alarm Reduction please see page 20

Programming Worksheets & Defaults

All page numbers referenced in this section refer to page numbers in the *Premier 412/816/832* Installation Manual (INS159-8).

These worksheets and defaults apply to the following control panels:

- Premier 412/816 - Software Version 9.x
- Premier 832 - Software Version 2.x

Zone Programming						
Menu: ①①			Zone Types			Page 24
Zone	Type	Default	Zone	Type	Default	Zone Types
01	[] []	01 (Delay 1)	17	[] []	00 (Null)	00: Null 01: Delay 1 02: Delay 2 03: Interior Follower 04: Interior Instant 05: Perimeter Instant 06: Fire 07: PA Silent 08: PA Audible 09: Medical 10: 24-Hour Tamper 11: Trouble 12: 24-Hour - Gas 13: 24-Hour - Water 14: 24-Hour - High Temp 15: 24-Hour - Low Temp 16: Momentary Keyswitch 17: Maintained Keyswitch 18: Push To Set
02	[] []	03 (Interior Follower)	18	[] []	00 (Null)	
03	[] []	05 (Perimeter Instant)	19	[] []	00 (Null)	
04	[] []	05 (Perimeter Instant)	20	[] []	00 (Null)	
05	[] []	05 (Perimeter Instant)	21	[] []	00 (Null)	
06	[] []	05 (Perimeter Instant)	22	[] []	00 (Null)	
07	[] []	05 (Perimeter Instant)	23	[] []	00 (Null)	
08	[] []	05 (Perimeter Instant)	24	[] []	00 (Null)	
09	[] []	00 (Null)	25	[] []	00 (Null)	
10	[] []	00 (Null)	26	[] []	00 (Null)	
11	[] []	00 (Null)	27	[] []	00 (Null)	
12	[] []	00 (Null)	28	[] []	00 (Null)	
13	[] []	00 (Null)	29	[] []	00 (Null)	
14	[] []	00 (Null)	30	[] []	00 (Null)	
15	[] []	00 (Null)	31	[] []	00 (Null)	
16	[] []	00 (Null)	32	[] []	00 (Null)	

Zone Wiring						
Menu: ①②			Zone Wiring			Page 25
Zone	Type	Default	Zone	Type	Default	Wiring Types
01	[]	0 (Normally Closed)	17	[]	0 (Normally Closed)	0: Normally Closed 1: Normally Open 2: Single EOL - N/C & N/O (Burglary) 3: Single EOL - N/O (Fire) 4: Single EOL - N/C 5: Single EOL - O/C Tamper 6: Single EOL - S/C Tamper 7: Double EOL 8: Zone Doubled
02	[]	0 (Normally Closed)	18	[]	0 (Normally Closed)	
03	[]	0 (Normally Closed)	19	[]	0 (Normally Closed)	
04	[]	0 (Normally Closed)	20	[]	0 (Normally Closed)	
05	[]	0 (Normally Closed)	21	[]	0 (Normally Closed)	
06	[]	0 (Normally Closed)	22	[]	0 (Normally Closed)	
07	[]	0 (Normally Closed)	23	[]	0 (Normally Closed)	
08	[]	0 (Normally Closed)	24	[]	0 (Normally Closed)	
09	[]	0 (Normally Closed)	25	[]	0 (Normally Closed)	
10	[]	0 (Normally Closed)	26	[]	0 (Normally Closed)	
11	[]	0 (Normally Closed)	27	[]	0 (Normally Closed)	
12	[]	0 (Normally Closed)	28	[]	0 (Normally Closed)	
13	[]	0 (Normally Closed)	29	[]	0 (Normally Closed)	
14	[]	0 (Normally Closed)	30	[]	0 (Normally Closed)	
15	[]	0 (Normally Closed)	31	[]	0 (Normally Closed)	
16	[]	0 (Normally Closed)	32	[]	0 (Normally Closed)	

Menu: ①③		Zone Attributes 1						Page 25
Zone	Enable Instant Internals	Enable Bell	Delayed Bell	Pulsed Bell	Enable Instant Strobe	Enable User Chime	Enable Transmission Delay	Enable Transmission
	1	2	3	4	5	6	7	8
01	[]X	[]✓	[]✓	[]X	[]X	[]✓	[]✓	[]✓
02	[]X	[]✓	[]X	[]X	[]✓	[]✓	[]✓	[]✓
03	[]X	[]✓	[]X	[]X	[]✓	[]X	[]✓	[]✓
04	[]X	[]✓	[]X	[]X	[]✓	[]X	[]✓	[]✓
05	[]X	[]✓	[]X	[]X	[]✓	[]X	[]✓	[]✓
06	[]X	[]✓	[]X	[]X	[]✓	[]X	[]✓	[]✓
07	[]X	[]✓	[]X	[]X	[]✓	[]X	[]✓	[]✓
08	[]X	[]✓	[]X	[]X	[]✓	[]X	[]✓	[]✓
09	[]X	[]✓	[]X	[]X	[]✓	[]X	[]X	[]X
10	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
11	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
12	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
13	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
14	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
15	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
16	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
17	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
18	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
19	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
20	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
21	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
22	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
23	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
24	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
25	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
26	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
27	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
28	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
29	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
30	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
31	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
32	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X

✓ = Default setting is ON
X = Default setting is OFF

Menu: ① ④ Zone Attributes 2 Page 26								
Zone	Enable Manual Bypass 1	Enable Stay Bypass 2	Enable Force Arming 3	Quick Response Time 4	Enable Cross Zoning 5	Enable Soak Test 6	Enable Swinger Shutdown 7	Enable Double Knock 8
01	[]X	[]X	[]X	[]X	[]X	[]X	[]✓	[]X
02	[]✓	[]✓	[]X	[]X	[]X	[]X	[]✓	[]X
03	[]✓	[]X	[]X	[]X	[]X	[]X	[]✓	[]X
04	[]✓	[]X	[]X	[]X	[]X	[]X	[]✓	[]X
05	[]✓	[]X	[]X	[]X	[]X	[]X	[]✓	[]X
06	[]✓	[]X	[]X	[]X	[]X	[]X	[]✓	[]X
07	[]✓	[]X	[]X	[]X	[]X	[]X	[]✓	[]X
08	[]✓	[]X	[]X	[]X	[]X	[]X	[]✓	[]X
09	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
10	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
11	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
12	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
13	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
14	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
15	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
16	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
17	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
18	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
19	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
20	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
21	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
22	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
23	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
24	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
25	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
26	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
27	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
28	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
29	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
30	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
31	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
32	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
✓ = Default setting is ON X = Default setting is OFF								

Menu: ① ⑤ Zone Attributes 3 Page 26								
Zone	Change to Delay 1 on Stay Arm 1	Change to Follower on Stay Arm 2	* Zone Warning 3	* Auto Reinstall if Force Armed 4	Disable Keyswitch if Away Armed 5	* Disable Exit Faults 6	Truncate Exit Delay 7	Forced Walk Test 8
01	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
02	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
03	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
04	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
05	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
06	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
07	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
08	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
09	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
10	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
11	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
12	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
13	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
14	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
15	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
16	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
17	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
18	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
19	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
20	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
21	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
22	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
23	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
24	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
25	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
26	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
27	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
28	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
29	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
30	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
31	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
32	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X
✓ = Default setting is ON X = Default setting is OFF * = Attributes 3, 4 and 6 change when zone is programmed as a key switch type: 3 = Key Switch is Instant Arming 4 = Key Switch will Stay Arm/Disarm 6 = Disable Auto Arm								

Menu: ① ⑥ Zone Partitions & Bypass Groups									Page 27
Zone	Enabled for Partition 1	Enabled for Partition 2	Enabled for Partition 3	Enabled for Partition 4	Enabled for Bypass Group 1	Enabled for Bypass Group 2	Enabled for Bypass Group 3	Enabled for Bypass Group 4	
	1	2	3	4	5	6	7	8	
01	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
02	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
03	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
04	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
05	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
06	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
07	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
08	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
09	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
10	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
11	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
12	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
13	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
14	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
15	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
16	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
17	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
18	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
19	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
20	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
21	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
22	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
23	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
24	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
25	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
26	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
27	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
28	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
29	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
30	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
31	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
32	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
✓ = Default setting is ON									
X = Default setting is OFF									

Menu: ①⑦		Zone Text (LCD Only)		Page 27
Zone	Text	Zone	Text	Editing Keys
01		17		① . , ? ! 1 @ " - & ② a b c 2 A B C ③ d e f 3 D E F ④ g h i 4 G H I ⑤ j k l 5 J K L ⑥ m n o 7 M N O ⑦ p q r s 7 P Q R S ⑧ t u v 8 T U V ⑨ w x y z 9 W X Y Z ⑩ Space 0 , # * ↕ Move Left/Right ⌫ Backspace (delete)
02		18		
03		19		
04		20		
05		21		
06		22		
07		23		
08		24		
09		25		
10		26		
11		27		
12		28		
13		29		
14		30		
15		31		
16		32		

Partition Programming					
Menus: ②① - ②⑤		Partition Timers			Page 29
Partition Timer	1	2	3	4	Default
②① Exit Time	[][][]	[][][]	[][][]	[][][]	060 Seconds
②① Entry Delay 1	[][][]	[][][]	[][][]	[][][]	030 Seconds
②② Entry Delay 2	[][][]	[][][]	[][][]	[][][]	030 Seconds
②③ Comms Delay	[][][]	[][][]	[][][]	[][][]	000 Minutes
②④ Bell Delay	[][][]	[][][]	[][][]	[][][]	000 Minutes
②⑤ Bell Duration	[][][]	[][][]	[][][]	[][][]	015 Minutes

Menu: ②⑥		Partition Options						Page 29
Partition	Enable Auto Bypass Mode	Stay Armed Exit is Silent	Enable Remote Arming	Enable Remote Disarming	Enable Local Exit Tones	Stay Armed Entry is Instant	Stay Armed Exit is Delayed	Only Start Exit when Partition is Ready
	1	2	3	4	5	6	7	8
1	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X
2	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X
3	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X
4	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X

Menu: ②⑦		Partition Auto Arm/Disarm							Page 30
Partition	Auto Arm with Control Timer 1 1	Auto Arm with Control Timer 2 2	Auto Arm with Control Timer 3 3	Auto Arm with Control Timer 4 4	Auto Disarm with Control Timer 1 5	Auto Disarm with Control Timer 2 6	Auto Disarm with Control Timer 3 7	Auto Disarm with Control Timer 4 8	
1	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
2	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
3	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X	
4	[]X	[]X	[]X	[]X	[]X	[]X	[]X	[]X	

Partition Programming

Menu: ②⑧

Equipment Areas

Page 30

Options	Partitions			
	1	2	3	4
0: Auxiliary Input Areas	[] ✓	[] X	[] X	[] X
1: Panel Bell Areas	[] ✓	[] X	[] X	[] X
2: Bell Squawk Areas	[] ✓	[] X	[] X	[] X

Global Programming

Menu: ③①

Global System Timers

Page 33

Timer	Value	Default	Timer	Value	Default
00: AC Fail Delay	[][][]	001 Minutes	08: Test Transmission Time	[][][]	024 Hours
01: Line Fault Delay	[][][]	001 Seconds	09: Courtesy Delay	[][][]	060 Seconds
02: Cross Zone Time	[][][]	030 Seconds	10: Service Timer	[][][]	000 Weeks
03: Zone Soak Test Time	[][][]	014 Days	11: 2-Wire Verified Delay	[][][]	000 Seconds
04: Restore Reporting Delay	[][][]	030 Minutes	12: Alarm Confirmation Delay	[][][]	045 Minutes
05: Output Short Pulse Time	[][][]	050 x 100mS	13: Activity Time Window	[][][]	048 Hours
06: Zone Response Time	[][][]	010 x 80mS	14: Poll IP Every	[][][]	000 Minutes
07: Transmission Abort	[][][]	005 Minutes			

Menu: ③①

Global Counter/Levels

Page 33

Counter/Level	Value	Default	Counter/Level	Value	Default
0: Swinger Shutdown Count	[][][]	001	2: Chime Volume	[]	7
1: Panel Speaker Volume	[]	4	3: Clock Adjustment	[][]	50

Menu: ③②

Control Timers

Page 34

Timer	ON/OFF Time	Days of Operation
1	ON: [][][][] 00:00	ON Time: Su[] Mo[] Tu[] We[] Th[] Fr[] Sa[] None
	OFF: [][][][] 00:00	OFF Time: Su[] Mo[] Tu[] We[] Th[] Fr[] Sa[] None
2	ON: [][][][] 00:00	ON Time: Su[] Mo[] Tu[] We[] Th[] Fr[] Sa[] None
	OFF: [][][][] 00:00	OFF Time: Su[] Mo[] Tu[] We[] Th[] Fr[] Sa[] None
3	ON: [][][][] 00:00	ON Time: Su[] Mo[] Tu[] We[] Th[] Fr[] Sa[] None
	OFF: [][][][] 00:00	OFF Time: Su[] Mo[] Tu[] We[] Th[] Fr[] Sa[] None
4	ON: [][][][] 00:00	ON Time: Su[] Mo[] Tu[] We[] Th[] Fr[] Sa[] None
	OFF: [][][][] 00:00	OFF Time: Su[] Mo[] Tu[] We[] Th[] Fr[] Sa[] None

Menu: ③③

System Options 1

Page 34

Clock = Crystal	Battery Connection Supervision	Battery Dynamically Load Tested	Panel NVM is Locked	Power Savings During AC Mains Failure	Line Fault Overrides Bell Delay	2-Wire Smoke Detection on O/P 1	Convert Siren Output from Voltage to Speaker Driver
1	2	3	4	5	6	7	8
[] X	[] ✓	[] X	[] X	[] ✓	[] ✓	[] X	[] ✓

Menu: ③④

System Options 2

Page 34

Tamper Alarms Cause a Trouble While Disarmed	Tamper Alarms Cause a Trouble While Stay Armed	Defer Reporting of Non-Zone Restorals	Use Delay Timer to Defer Non-Zone Restorals	Inhibit Keyswitch Operation on EOL Tamper	Away Arm Overrides Alarm Tx Delay	Defer Reporting of Zone Restorals	Use Delay Timer to Defer Zone Restorals
1	2	3	4	5	6	7	8
[] ✓	[] ✓	[] ✓	[] X	[] X	[] ✓	[] X	[] X

Global Programming

Menu: ③⑤

System Options 3

Page 34

Away Arm Exit Error Doesn't Sound Bell	Zone Test - Silence on No Violation	Alarm Status Light Indicates Fire	Enable Entry/Exit Tones for Panel Speaker	Enable Cross Partitioning	Enable EN 50131-1 Requirements	Reinstate Bypassed Zones on Disarm	Invert Panel Siren Output
1	2	3	4	5	6	7	8
[] X	[] ✓	[] X	[] X	[] X	[] X	[] ✓	[] X

Menu: ③⑥

Hardware Options

Page 35

Panel Output 1 Supervised for Faults	Panel Output 2 Supervised for Faults	Siren/Bell O/P Supervised for Faults	Panel Box Tamper Switch Monitored	Auxiliary Fuse Supervised for Faults	Battery Supervised for Faults	AC Mains Supply is Monitored	Telephone Line Is Monitored
1	2	3	4	5	6	7	8
[] X	[] X	[] X	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓

Menu: ③⑦

Auxiliary Input

Page 35

Value	Default	Types
[]	0	0: Not Used; 1: Auxiliary Tamper; 2: Remote Reset; 3: Line Fault; 4: Panic Alarm; 5: Silent PA; 6: Latched Key Switch; 7: Momentary Key Switch

Menu: ③⑧

Miscellaneous Options 1

Page 36

Enable Bell Squawk on AWAY Arm/Disarm	Enable Bell Squawk on STAY Arm/Disarm	Disable AC Fail Ack.	Disable Open/Close Reporting on STAY Arm	Cross/Double Knock Timer is in Minutes	Disable Zone Bypass when Armed	Activated Zones Cause Alarm during Exit	Control Timer 4 Performs Battery Test
1	2	3	4	5	6	7	8
[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X

Menu: ③⑨

Miscellaneous Options 2

Page 36

Disable Service Fault Ack.	Enable User Reset for Alarms	Disable On-line Printing	Enable UK Bell Module	Enable DD243: 2002 Options	Enable Confirmation after Entry Time-Out	Invert Auxiliary Input Operation	Auto BST/GMT Time Change
1	2	3	4	5	6	7	8
[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X

Remote Keypad Programming

Menu: ④⑩

Remote Keypad Options 1

Page 39

Keypad	Partition 1 Operation	Partition 2 Operation	Partition 3 Operation	Partition 4 Operation	Permanent Keypad Status Display	Press any Key for Display	Display Zones vs. Partitions	Wrong Code Attempts = Code Tamper
	1	2	3	4	5	6	7	8
1	[] ✓	[] X	[] X	[] X	[] ✓	[] X	[] ✓	[] X
2	[] ✓	[] X	[] X	[] X	[] ✓	[] X	[] ✓	[] X
3	[] ✓	[] X	[] X	[] X	[] ✓	[] X	[] ✓	[] X
4	[] ✓	[] X	[] X	[] X	[] ✓	[] X	[] ✓	[] X
5	[] ✓	[] X	[] X	[] X	[] ✓	[] X	[] ✓	[] X
6	[] ✓	[] X	[] X	[] X	[] ✓	[] X	[] ✓	[] X

Remote Keypad Programming

Menu: ④①

Remote Keypad Options 2

Page 39

Keypad	Code Tamper Causes a Tamper Alarm 1	Keypad Activation of Fire Alarm 2	Keypad Activation of Medical Alarm 3	Keypad Activation of PA Alarm 4	Keypad PA Alarm is Silent 5	Quick Arm with Keypad ARM Key 6	Quick Disarm with Keypad DISARM Key 7	Quick Bypass with Keypad BYPASS Key 8
1	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X
2	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X
3	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X
4	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X
5	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X
6	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X

Menu: ④②

Remote Keypad Options 3

Page 39

Keypad	Fire Alarm Tones from Keypad 1	Burglary Alarm Tones from Keypad 2	Trouble Tones from Keypad 3	Acceptance Tones from Keypad 4	Error Tones from Keypad 5	Chime Tones from Keypad 6	Exit Tones from Keypad 7	Entry Tones from Keypad 8
1	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓
2	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓
3	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓
4	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓
5	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓
6	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓	[]✓

Menu: ④③

Remote Keypad Options 4

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Keypad	Enable Keypad Zones 1	Disable Keypad Lid Tamper 2	Zone Shift by 4 3	Zone Shift by 8 4	Zone Shift by 16 5	Abort Annunciation 6	Cancel Annunciation 7	Reserved 8
1	[]X	[]X	[]X	[]X	[]X	[]✓	[]✓	[]X
2	[]X	[]X	[]X	[]X	[]X	[]✓	[]✓	[]X
3	[]X	[]X	[]X	[]X	[]X	[]✓	[]✓	[]X
4	[]X	[]X	[]X	[]X	[]X	[]✓	[]✓	[]X
5	[]X	[]X	[]X	[]X	[]X	[]✓	[]✓	[]X
6	[]X	[]X	[]X	[]X	[]X	[]✓	[]✓	[]X

Expander Programming

Menu: ⑤①

Expander Partitions

Page 42

Exp.	Partition 1 1	Partition 2 2	Partition 3 3	Partition 4 4	Reserved 5	Reserved 6	Reserved 7	Reserved 8
1	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X
2	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X
3	[]✓	[]X	[]X	[]X	[]X	[]X	[]X	[]X

Expander Programming

Menu: ⑤① Expander Tones Page 42								
Exp.	Fire Alarm Tones from Expander 1	Burglary Alarm Tones from Expander 2	Trouble Tones from Expander 3	Acceptance Tones from Expander 4	Error Tones from Expander 5	Chime Tones from Expander 6	Entry Tones from Expander 7	Exit Tones from Expander 8
1	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓
2	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓
3	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓

Menu: ⑤② Expander Volume Page 42								
Exp. 1	[]	Default 4	Exp. 2	[]	Default 4	Exp. 3	[]	Default 4

Output Programming

Menu: ⑥① Panel Outputs Page 45										
Output	Group & Type	Default	Part. 1 1	Part. 2 2	Part. 3 3	Part. 4 4	Test 5	Invert 6	Latch 7	Pulsed 8
1	[] : [] []	2:12	[] ✓	[] X	[] X	[] X	[] X	[] X	[] X	[] X
2	[] : [] []	2:13	[] ✓	[] X	[] X	[] X	[] X	[] X	[] X	[] X
3	[] : [] []	2:10	[] ✓	[] X	[] X	[] X	[] X	[] X	[] X	[] X
4	[] : [] []	2:01	[] ✓	[] X	[] X	[] X	[] X	[] X	[] X	[] X
5	[] : [] []	2:02	[] ✓	[] X	[] X	[] X	[] X	[] X	[] X	[] X
6	[] : [] []	2:16	[] ✓	[] X	[] X	[] X	[] X	[] X	[] X	[] X
7	[] : [] []	2:31	[] ✓	[] X	[] X	[] X	[] X	[] X	[] X	[] X
8	[] : [] []	2:30	[] ✓	[] X	[] X	[] X	[] X	[] X	[] X	[] X

Menu: ⑥① Fast Format/Speech Channels Page 45										
Channel	Group & Type	Default	Part. 1 1	Part. 2 2	Part. 3 3	Part. 4 4	Test 5	Invert 6	Latch 7	Pulsed 8
1	[] : [] []	2:10	[] ✓	[] ✓	[] ✓	[] ✓	[] X	[] X	[] X	[] X
2	[] : [] []	2:00	[] ✓	[] ✓	[] ✓	[] ✓	[] X	[] X	[] X	[] X
3	[] : [] []	2:02	[] ✓	[] ✓	[] ✓	[] ✓	[] X	[] X	[] X	[] X
4	[] : [] []	2:16	[] ✓	[] ✓	[] ✓	[] ✓	[] X	[] X	[] X	[] X
5	[] : [] []	2:31	[] ✓	[] ✓	[] ✓	[] ✓	[] X	[] X	[] X	[] X
6	[] : [] []	2:17	[] ✓	[] ✓	[] ✓	[] ✓	[] X	[] X	[] X	[] X
7	[] : [] []	2:01	[] ✓	[] ✓	[] ✓	[] ✓	[] X	[] X	[] X	[] X
8	[] : [] []	2:30	[] ✓	[] ✓	[] ✓	[] ✓	[] X	[] X	[] X	[] X

Menu: ⑥② Expander Outputs Page 45										
Exp./OP	Group & Type	Default	Part. 1 1	Part. 2 2	Part. 3 3	Part. 4 4	Test 5	Invert 6	Latch 7	Pulsed 8
1.1	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X
1.2	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X
2.1	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X
2.2	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X
3.1	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X
3.2	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X

Output Programming

Menu: ⑥ ⑤

Keypad Outputs

Page 45

Keypad	Group & Type	Default	Part. 1 1	Part. 2 2	Part. 3 3	Part. 4 4	Test 5	Invert 6	Latch 7	Pulsed 8						
1	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X						
2	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X						
3	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X						
4	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X						
5	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X						
6	[] : [] []	0:00	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X						
Output Group 0: Not Used 1: System 2: Partition 3: Zone	System Output Types				Partition Output Types											
	00: Courtesy 01: Successful Transmission 02: Log 80% Full 03: Program Mode Selected 04: Download In Progress 05: Timed Arming Countdown 06: Zone Soak Test Active 07: Zone Soak Test Failed 08: AC Fail 09: Telephone Line Fault 10: Smoke Alarm 11: Box/Auxiliary Tamper 12: Date Time Loss 13: Zone Trouble/Tamper 14: Keypad Tamper/Removed 15: Service Fault 16: Output 1 Fault				17: Output 2 Fault 18: Siren/Bell Fault 19: Smoke Sensor Fault 20: Auxiliary Fuse Fault 21: Battery Fault 22: Service Required/Test Fail 23: Fail To Communicate 24: Control Timer 1 Active 25: Control Timer 2 Active 26: Control Timer 3 Active 27: Control Timer 4 Active 28: PC Output 1 29: PC Output 2 30: Walk Test 31: Confirmed Alarm 32: ARC 2 Active 33: Zones Locked Out				00: PA Alarm 01: Duress Alarm 02: Burglar Alarm 03: Medical Alarm 04: 24Hr - Water Alarm 05: 24Hr - Gas Alarm 06: 24Hr - Low Temp Alarm 07: 24Hr - High Temp Alarm 08: Tamper 09: Trouble 10: Fire 11: Fire Fault 12: Bell 13: Strobe 14: Entry 15: Exit 16: Armed 17: Stay Armed 18: Ready				19: Bypass 20: Sensor Reset on Exit 21: Sensor Reset on Reset 22: Single Pulse on Arming 23: Double Pulse on Arming 24: Chime 25: Door Strike 26: Cross Zone Time Active 27: Single Pulse on Disarming 28: Reset Required 29: Acknowledgement Required 30: Confirmed Alarm 31: Alarm Abort 32: Away Armed 33: Away Armed/Exit 34: Detector Latch 35: Armed/Alarm 36: Arm Failed			
	Zone Output Types (Mimic)				Zone Output Types (Alarm)											
01: Zone 01 Mimic 02: Zone 02 Mimic 03: Zone 03 Mimic 04: Zone 04 Mimic 05: Zone 05 Mimic 06: Zone 06 Mimic 07: Zone 07 Mimic 08: Zone 08 Mimic 09: Zone 09 Mimic 10: Zone 10 Mimic 11: Zone 11 Mimic 12: Zone 12 Mimic 13: Zone 13 Mimic 14: Zone 14 Mimic 15: Zone 15 Mimic 16: Zone 16 Mimic				17: Zone 17 Mimic 18: Zone 18 Mimic 19: Zone 19 Mimic 20: Zone 20 Mimic 21: Zone 21 Mimic 22: Zone 22 Mimic 23: Zone 23 Mimic 24: Zone 24 Mimic 25: Zone 25 Mimic 26: Zone 26 Mimic 27: Zone 27 Mimic 28: Zone 28 Mimic 29: Zone 29 Mimic 30: Zone 30 Mimic 31: Zone 31 Mimic 32: Zone 32 Mimic				33: Zone 01 Alarm 34: Zone 02 Alarm 35: Zone 03 Alarm 36: Zone 04 Alarm 37: Zone 05 Alarm 38: Zone 06 Alarm 39: Zone 07 Alarm 40: Zone 08 Alarm 41: Zone 09 Alarm 42: Zone 10 Alarm 43: Zone 11 Alarm 44: Zone 12 Alarm 45: Zone 13 Alarm 46: Zone 14 Alarm 47: Zone 15 Alarm 48: Zone 16 Alarm				49: Zone 17 Alarm 50: Zone 18 Alarm 51: Zone 19 Alarm 52: Zone 20 Alarm 53: Zone 21 Alarm 54: Zone 22 Alarm 55: Zone 23 Alarm 56: Zone 24 Alarm 57: Zone 25 Alarm 58: Zone 26 Alarm 59: Zone 27 Alarm 60: Zone 28 Alarm 61: Zone 29 Alarm 62: Zone 30 Alarm 63: Zone 31 Alarm 64: Zone 32 Alarm				

Communicator Programming

Menu: ⑦ ① Communicator Options Page 50									
Enable On-Board Communicator 1	Enable DTMF Dialling 2	Switch to Pulse Dialling after 3 rd Attempt 3	Enable European Pulse Dialling 4	Enable Auto Test Transmission 5	Enable Cancel Call Waiting 6	Enable Backup to Receiving Centre 7	Enable Blind Dialling 8		
[] X	[] ✓	[] X	[] X	[] X	[] X	[] X	[] ✓		
Menu: ⑦ ① ARC 1 Communicator Options Page 50									
① Telephone Numbers	Primary: [] None Secondary: [] None								
① Account Numbers	Partition 1: [] [] [] [] [] [] None				Partition 3: [] [] [] [] [] [] None				
	Partition 2: [] [] [] [] [] [] None				Partition 4: [] [] [] [] [] [] None				
② Protocol Type	[] 0	Types: 0 = Disabled 2 = Express Format 4 = Contact ID 6 = Pager 1 = Pulse Format 3 = Fast Format 5 = SIA Level 2/3 7 = Mobile Phone							
③ Dial Attempts	[] 3								
④ Partition Options	1: Report for Partition 1 [] ✓		2: Report for Partition 2 [] ✓		3: Report for Partition 3 [] ✓		4: Report for Partition 4 [] ✓		
⑤ Reporting Options	Priority Alarm and Cancel Events 1 [] ✓	Alarm and Cancel Events 2 [] ✓	Open and Close Events 3 [] ✓	Bypass and Unbypass Events 4 [] ✓	Maint. Alarm Events 5 [] ✓	Tamper Alarm Events 6 [] ✓	Test Tx Events 7 [] ✓	Restore Events 8 [] ✓	
⑥ Pulse Format Options	Use 1900Hz Carrier 1 [] X	Use 40 PPS Baud Rate 2 [] X	Enable Parity 3 [] X	Use 2 Digit Events 4 [] X	Use 2300Hz Handshake 5 [] X	Use 2300Hz Kiss-Off 6 [] X	Use Fast/Slow Format 7 [] X	Reserved 8 [] X	
⑦ Fast Format Channels	Channel 1 1 [] ✓	Channel 2 2 [] ✓	Channel 3 3 [] ✓	Channel 4 4 [] ✓	Channel 5 5 [] ✓	Channel 6 6 [] ✓	Channel 7 7 [] ✓	Channel 8 8 [] ✓	
⑧ Protocol Options	Disable SIA Modifier Blocks/Enable Speech Module 1 [] X	Disable Events for Each Partition 2 [] ✓	Pager Terminator = * (Star) 3 [] X	Send Pager Terminator Twice/SIA Text 4 [] X	Pager DTMF Tones = 500mS 5 [] X	Disable Zone Restorals 6 [] X	Comms Ack. Tone 7 [] X	Connect via IP 8 [] X	
Menu: ⑦ ② ARC 2 Communicator Options Page 53									
① Telephone Numbers	Primary: [] None Secondary: [] None								
① Account Numbers	Partition 1: [] [] [] [] [] [] None				Partition 3: [] [] [] [] [] [] None				
	Partition 2: [] [] [] [] [] [] None				Partition 4: [] [] [] [] [] [] None				
② Protocol Type	[] 0	Types: 0 = Disabled 2 = Express Format 4 = Contact ID 6 = Pager 1 = Pulse Format 3 = Fast Format 5 = SIA Level 2/3 7 = Mobile Phone							
③ Dial Attempts	[] 3								

Communicator Programming								
④ Partition Options	1: Report for Partition 1		2: Report for Partition 2		3: Report for Partition 3		4: Report for Partition 4	
	[] ✓		[] ✓		[] ✓		[] ✓	
⑤ Reporting Options	Priority Alarm and Cancel Events 1	Alarm and Cancel Events 2	Open and Close Events 3	Bypass and Unbypass Events 4	Maint. Alarm Events 5	Tamper Alarm Events 6	Test Tx Events 7	Restore Events 8
	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓
⑥ Pulse Format Options	Use 1900Hz Carrier 1	Use 40 PPS Baud Rate 2	Enable Parity 3	Use 2 Digit Events 4	Use 2300Hz Handshake 5	Use 2300Hz Kiss-Off 6	Use Fast/Slow Format 7	Reserved 8
	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓
⑦ Fast Format Channels	Channel 1 1	Channel 2 2	Channel 3 3	Channel 4 4	Channel 5 5	Channel 6 6	Channel 7 7	Channel 8 8
	[] X	[] X	[] X	[] X	[] X	[] X	[] X	[] X
⑧ Protocol Options	Disable SIA Modifier Blocks/ Enable Speech Module 1	Disable Events for Each Partition 2	Pager Terminator = * (Star) 3	Send Pager Terminator Twice/SIA Text 4	Pager DTMF Tones = 500mS 5	Disable Zone Restorals 6	Comms Ack. Tone 7	Connect via IP 8
	[] X	[] ✓	[] X	[] X	[] X	[] X	[] X	[] X
Menu: ⑦ ③ Fast Format Restore Channels Page 54								
Channel 1 1	Channel 2 2	Channel 3 3	Channel 4 4	Channel 5 5	Channel 6 6	Channel 7 7	Channel 8 8	
[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	[] ✓	
Menu: ⑦ ④ Fast Format Open/Close Channels Page 54								
Channel 1 1	Channel 2 2	Channel 3 3	Channel 4 4	Channel 5 5	Channel 6 6	Channel 7 7	Channel 8 8	
[] X	[] X	[] X	[] ✓	[] X	[] X	[] X	[] X	
Menu: ⑦ ⑤ Cancel Call Waiting Sequence Page 54								
Cancel Call Waiting Sequence: [] None								

Download Programming						
Menu: ⑦ ⑥ Download Menu Options Page 57						
① Download Options	Enable Attended Download 1	Enable Unattended Call Back 2	Enable 2-Call Answer Phone Defeat 3	Restrict Download when Armed 4	Download when Part Armed 5	Disconnect Telephone Line 6
	[] X	[] X	[] X	[] X	[] X	[] X
② Download Tel No	[] None					
③ Download Password	[] [] [] [] [] [] [] [] None					
④ Dial Attempts	[] 1					
⑤ Ring Count	[] 2					
⑥ Com1 Device Type	[] 0 Types: 0 = PC-Com; 1 = RadioPlus; 2 = Inovonics Radio; 3 = ComIP					
⑦ ComIP Address/Port	Address: [] . [] . [] . [] Port: [] [] [] [] [] [] None					

Download Programming

⑦ ComIP Gateway	[] . [] . [] . [] None
⑧ ComIP Subnet Mask	[] [] 8

Reporting Codes Programming

Menu: ⑦ ⑦ Zone Alarm/Restore Codes Page 60					Menu: ⑦ ⑧ Zone Bypass/Unbypass Codes Page 60			
Zone	Event No	Alarm Code	Event No	Restore Code	Event No	Bypass Code	Event No	Unbypass Code
01	00	[] [] 31	01	[] [] 00	00	[] [] 61	01	[] [] 00
02	02	[] [] 32	03	[] [] 00	02	[] [] 62	03	[] [] 00
03	04	[] [] 33	05	[] [] 00	04	[] [] 63	05	[] [] 00
04	06	[] [] 34	07	[] [] 00	06	[] [] 64	07	[] [] 00
05	08	[] [] 35	09	[] [] 00	08	[] [] 65	09	[] [] 00
06	10	[] [] 36	11	[] [] 00	10	[] [] 66	11	[] [] 00
07	12	[] [] 37	13	[] [] 00	12	[] [] 67	13	[] [] 00
08	14	[] [] 38	15	[] [] 00	14	[] [] 68	15	[] [] 00
09	16	[] [] 39	17	[] [] 00	16	[] [] 69	17	[] [] 00
10	18	[] [] 3A	19	[] [] 00	18	[] [] 6A	19	[] [] 00
11	20	[] [] 3B	21	[] [] 00	20	[] [] 6B	21	[] [] 00
12	22	[] [] 3C	23	[] [] 00	22	[] [] 6C	23	[] [] 00
13	24	[] [] 3D	25	[] [] 00	24	[] [] 6D	25	[] [] 00
14	26	[] [] 3E	27	[] [] 00	26	[] [] 6E	27	[] [] 00
15	28	[] [] 3F	29	[] [] 00	28	[] [] 6F	29	[] [] 00
16	30	[] [] 30	31	[] [] 00	30	[] [] 60	31	[] [] 00
17	32	[] [] 00	33	[] [] 00	32	[] [] 00	33	[] [] 00
18	34	[] [] 00	35	[] [] 00	34	[] [] 00	35	[] [] 00
19	36	[] [] 00	37	[] [] 00	36	[] [] 00	37	[] [] 00
20	38	[] [] 00	39	[] [] 00	38	[] [] 00	39	[] [] 00
21	40	[] [] 00	41	[] [] 00	40	[] [] 00	41	[] [] 00
22	42	[] [] 00	43	[] [] 00	42	[] [] 00	43	[] [] 00
23	44	[] [] 00	45	[] [] 00	44	[] [] 00	45	[] [] 00
24	46	[] [] 00	47	[] [] 00	46	[] [] 00	47	[] [] 00
25	48	[] [] 00	49	[] [] 00	48	[] [] 00	49	[] [] 00
26	50	[] [] 00	51	[] [] 00	50	[] [] 00	51	[] [] 00
27	52	[] [] 00	53	[] [] 00	52	[] [] 00	53	[] [] 00
28	54	[] [] 00	55	[] [] 00	54	[] [] 00	55	[] [] 00
29	56	[] [] 00	57	[] [] 00	56	[] [] 00	57	[] [] 00
30	58	[] [] 00	59	[] [] 00	58	[] [] 00	59	[] [] 00
31	60	[] [] 00	61	[] [] 00	60	[] [] 00	61	[] [] 00
32	62	[] [] 00	63	[] [] 00	62	[] [] 00	63	[] [] 00

Menu: ⑦ ⑨ Non Zone Alarm/Restore Codes Page 60						
Event No	Event Type	Event	Reporting Group	Pulse/Express	Contact ID	SIA
00	AC Fail	Alarm	Maintenance	[] [] FF	301	AT
01		Restore	Restore	[] [] AF	301	AR
02	Low Battery	Alarm	Maintenance	[] [] FE	302	YT
03		Restore	Restore	[] [] AE	302	YR
04	Telephone Line Fault	Alarm	Maintenance	[] [] FD	351	LT
05		Restore	Restore	[] [] AD	351	LR
06	Fail to Communicate	Alarm	Maintenance	[] [] 00	354	YC
07		Restore	-	-	-	-
08	Open/Close	Alarm	Open	[] [] B*	401	OP
09		Restore	Close	[] [] C*	401	CL
10	Recent Closing	Alarm	Close	[] [] DA	459	CR
11		Restore	-	-	-	-
12	Auto Open/Close	Alarm	Open	[] [] CC	403	OA
13		Restore	Close	[] [] CC	403	CA
14	Auto Arm Deferred	Alarm	Close	[] [] D*	405	CE
15		Restore	-	-	-	-
16	Remote Open/Close	Alarm	Open	[] [] B9	407	OP
17		Restore	Close	[] [] C9	407	CL
18	Quick Arm	Alarm	-	-	-	-
19		Restore	Close	[] [] C	408	CL
20	Open After Alarm (Cancel)	Alarm	Open	[] [] D*	406	OR
21		Restore	-	-	-	-
22	Download Start	Alarm	Maintenance	[] [] 00		
23		Restore	-	-	-	-
24	Download End	Alarm	Maintenance	[] [] 00		
25		Restore	-	-	-	-
26	Group Bypass/Unbypass	Alarm	Bypass	[] [] 00	574	
27		Restore	Unbypass	[] [] 00	574	
28	Log Capacity Alert (80%)	Alarm	Maintenance	[] [] 00	623	JL
29		Restore	-	-	-	-
30	Keypad Lockout (Device No)	Alarm	Tamper	[] [] EA	421	JA
31		Restore	-	-	-	-
32	Code Tamper Alarm (Device No)	Alarm	Tamper	[] [] EA	421	JA
33		Restore	-	-	-	-
34	Manual Test Transmission	Alarm	Test	[] [] 9A	601	RX
35		Restore	-	-	-	-
36	Automatic Test Transmission	Alarm	Test	[] [] 9C	602	RP
37		Restore	-	-	-	-
38	User Zone Test Start/End	Alarm	Test	[] [] 00		
39		Restore	Restore	[] [] 00		
40	Auxiliary Power Fail/Restore	Alarm	Maintenance	[] [] FB	300	YP
41		Restore	Restore	[] [] AB	300	YQ

Menu: ⑦ ⑨		Non Zone Alarm/Restore Codes				Page 60
Event No	Event Type	Event	Reporting Group	Pulse/Express	Contact ID	SIA
42	Bell Output Fault/Restore	Alarm	Maintenance	[] [] 00	321	YA
43		Restore	Restore	[] [] 00	321	YH
44	Installer Programming Start	Alarm	Maintenance	[] [] 00		
45		Restore	-	-	-	-
46	Installer Programming End	Alarm	Maintenance	[] [] 00		
47		Restore	-	-	-	-
48	Exit Error	Alarm	Close	[] [] 00		
49		Restore	-	-	-	-
50	Verified Cross Zone Alarm	Alarm	Alarm	[] [] 00	140	BV
51		Restore	-	-	-	-
52	Soak Test	Alarm	Test	[] [] 00		
53		Restore	-	-	-	-
54	Fire Zone Trouble	Alarm	Tamper	[] [] 00	373	FT
55		Restore	Restore	[] [] 00	373	FJ
56	System Power Up	Alarm	Maintenance	[] [] 00		
57		Restore	-	-	-	-
58	Swinger Shutdown (Zone No)	Alarm	Alarm	[] [] 00		
59		Restore	-	-	-	-
60	User Code Entered	Alarm	-	-	-	-
61		Restore	-	-	-	-
62	Exit Started	Alarm	-	-	-	-
63		Restore	-	-	-	-
64	Entry Started	Alarm	-	-	-	-
65		Restore	-	-	-	-
66	Bell Active	Alarm	-	-	-	-
67		Restore	-	-	-	-
68	Alarm Active	Alarm	-	-	-	-
69		Restore	-	-	-	-
70	Keypad Tamper	Alarm	Tamper	[] [] 3*	137	TA
71		Restore	-	-	-	-
72	Keypad Medical	Alarm	Priority Alarm	[] [] 00	100	MA
73		Restore	-	-	-	-
74	Keypad Fire/2-Wire Smoke	Alarm	Priority Alarm	[] [] 00	115	FA
75		Restore	Restore	[] [] 00	115	FH
76	Duress Code Alarm	Alarm	Priority Alarm	[] [] 00	121	HA
77		Restore	-	-	-	-
78	Keypad Silent PA	Alarm	Priority Alarm	[] [] 2*	122	PA
79		Restore	-	-	-	-
80	Keypad Audible PA/Auxiliary PA	Alarm	Priority Alarm	[] [] 2*	120	PA
81		Restore	Restore	[] [] 00	120	PH
82	Box Tamper	Alarm	Tamper	[] [] 30	137	TA
83		Restore	Restore	[] [] 00	137	TR

Menu: ⑦ ⑨		Non Zone Alarm/Restore Codes			Page 60	
Event No	Event Type	Event	Reporting Group	Pulse/Express	Contact ID	SIA
84	Zone Tamper	Alarm	Tamper	[] [] 3*	144	TA
85		Restore	Restore	[] [] 00	144	TR
86	Zone Trouble	Alarm	Tamper	[] [] 00	380	UT
87		Restore	Restore	[] [] 00	380	UJ
88	Expander/Remote Trouble	Alarm	Tamper	[] [] 00	333	ET
89		Restore	-	-	-	-
90	Auxiliary Tamper Input	Alarm	Tamper	[] [] 30	137	TA
91		Restore	Restore	[] [] 00	137	TR
92	Date Changed	Alarm	Maintenance	[] [] 00	625	JD
93		Restore	-	-	-	-
94	Time Changed	Alarm	Maintenance	[] [] 00	625	JT
95		Restore	-	-	-	-
96	System Reset	Alarm	Maintenance	[] [] 00		
97		Restore	-	-	-	-
98	Remote Control	Alarm	Test	[] [] 00	-	-
99		Restore	Restore	[] [] 00	-	-
100	Confirmed Alarm	Alarm	Alarm	[] [] 00	139	BV
101		Restore	-	-	-	-
102	Monitored Alarm	Alarm	Alarm	[] [] 00	220	BA
103		Restore	Restore	[] [] 00	220	BH
104	FOB Low Battery	Alarm	Maintenance	[] [] 00	384	XT
105		Restore	-	[] [] 00	-	-
106	Radio Supervision	Alarm	Maintenance	[] [] 00	355	YS
107		Restore	-	[] [] 00	-	-
108	Communication Port	Alarm	Maintenance	[] [] 00	356	ET
109		Restore	-	[] [] 00	-	-

* If the second digit for Pulse/Express is programmed as "0", the panel will replace this digit with the Zone/User/Keypad number.

A dash (-) indicates an event that is not generated by the control panel and therefore cannot be reported.

Control Panel Standard – Features for False Alarm Reduction ANSI/SIA CP-01-2007

The list below details the requirements to comply with False Alarm Reduction ANSI/SIA CP-01-2007, changing the default values may render the system non-compliant.

1. Exit Time shall be 60 seconds
2. Remote keypad option 3. All annunciation shall be enabled. The Exit Time annunciation may be disabled for Remote arming devices.
3. For all Partitions the Enable Auto Bypass Mode shall be ENABLED. (Factory Default)
4. Entry Delays can be no less than 30 seconds or greater than 4 minutes. (Factory Default 30 Seconds)
5. Abort Window for all non fire zones are Factory Default enabled. It is permissible to disable by zone and zone type.
6. Abort Window timed for Non Fire Zones cannot be less than 15 seconds or greater than 45 seconds. (Factory Default 30 Seconds.)
7. Abort Annunciation shall be enabled. Remote Keypad Option 4.
8. Cancel Window should not be less than 5 minutes (Default 5 Minutes programmable)
9. Cancel Annunciation shall be enabled. Remote Keypad Option 4.
10. Duress Feature should be Disabled. (Factory Default Disabled)
11. Swinger Shutdown should be enabled and be set to one trip. (Factory Default 1)
12. Fire alarm Verification is factory default as Disabled
13. Call Waiting Cancel is factory default as Disabled. (**Do not enable unless call waiting is being used.**)
14. Fire alarm verification for a 4 –wire is programmed by using double knock and the cross zone time which is programmable.

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