

Quick Reference Guide

MA7240AQ-0001B

Last Updated: 19/01/04

SOLUTION 40

This Quick Reference is designed to give enough information to program the Solution 40 Control Panel if the technician is familiar with the feature set available in the panel. All programming information along with explanation is contained in the Solution 40 Installation manual. Please contact Bosch Security Systems to enrol in our training program before using this product.

Programming The Control Panel

To program the control panel the default installer code is (6543).

Entering Installer's Programming Mode

To enter the installer's programming mode:

1. Turn off (disarm) all areas.
2. Enter the [installer code] (default = 6543).
3. Press [Select] + [4] + [1].
The installer menu will display and scroll through all available functions as shown on next page.
4. Press [8] to select **Keypad Program**.
The keypad will display the software version of the control panel and then automatically position you to Address 0000 (Phone Number 1 For Destination 1).

```
CC7240-Solution 40
Revision v#.##
```

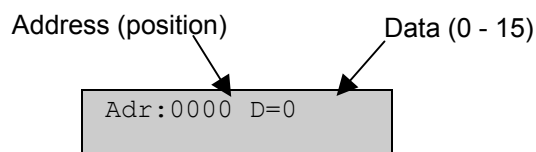
```
Adr:0000 D=0
```

Programming

The control panel programming parameters are composed of one or more Addresses. Each address allows you to program a value between 0 and 15.

Viewing Addresses

Each programming parameter is composed of one or more Addresses. Each Address has its own value programmed.



Stepping Addresses

To step forward one Address, press the [Select] key. To step backwards one Address, press the [*] key. To jump from one Address to another Address, enter the Address number followed by the [Select] key (eg. If you are at Address 0000 and you want to jump to Address 0064, press [6] + [4] + [Select]).

Programming Addresses

To program an Address:-

1. Go to the Address that you want to change (refer to Stepping Addresses above).
2. Enter the new value (0 – 15) followed by the [*] key.
As you enter the new value, it will display on the second line of the display.
3. Repeat Steps 1 and 2 until all Addresses you want to program have been set.

Programming Option Bit Addresses

You will notice option bits throughout the quick reference guide. This allows you to program any combination of the four different options in the one location by adding the options together. Programming a zero (0) will disable all four options.

Example

If at LOCATION 258 you only want options 1, 2 and 4, add the numbers together and the total is the number to be programmed. In this example, the number to be programmed is 7 (Eg. $1 + 2 + 4 = 7$).

Option	Description
0	No Options Programmed
1	All On - No Exit Option Allowed
2	Answering Machine Bypass Only When All On or Part On
4	Arm Area 1 Via Telephone Allowed
8	Reserved

Table 1: Example Option Bit Address

Programming Text Addresses

When programming keypad text via the keypad, selecting any text Address will put you in a different programming mode that allows you to edit text blocks. Text blocks comprise of a maximum of 16 characters (each character uses two Addresses).

When programming text, various keys on the keypad operate differently. A group of characters are assigned to each of the numeric keys on the keypad. Pressing the same numeric key again will toggle to the next character assigned to the key (eg. Press the 2 key will display the 'A' character, press the 2 key again will toggle to the 'B' character, press the 2 key again will toggle to the 'C' character etc). Refer to the table below for more information.

Key	Characters Assigned To Each Numeric Key On Keypad								
No Of Presses	1	2	3	4	5	6	7	8	9
1	.	,	?	!	-	&	<	>	1
2	A	B	C	a	b	c	2		
3	D	E	F	d	e	f	3		
4	G	H	I	g	h	i	4		
5	J	K	L	j	k	l	5		
6	M	N	O	m	n	o	6		
7	P	Q	R	S	p	q	r	s	7
8	T	U	V	t	u	v	8		
9	W	X	Y	Z	w	x	y	z	9
0	SPACE	→	_	@	#	\$	%	*	0

Table 2: Text Address Character Set

Key	Description
*	Moves back to previous text block
Select	Moves forward to next text block
A-Key	Moves the cursor backwards one character
B-Key	No Function
C-Key	Moves the cursor forward one character

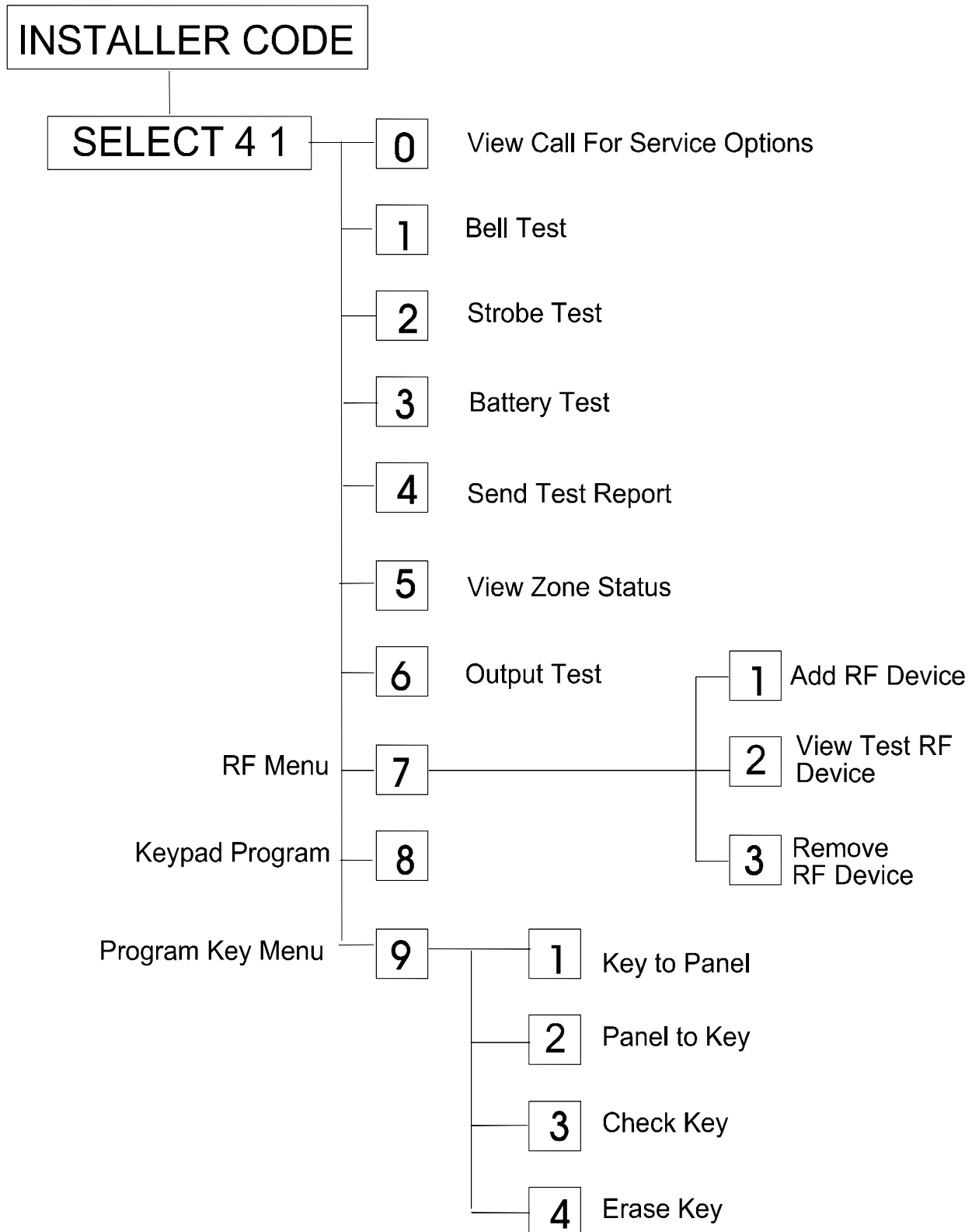
Table 3: Text Address Keys

Exit Installer's Programming Mode

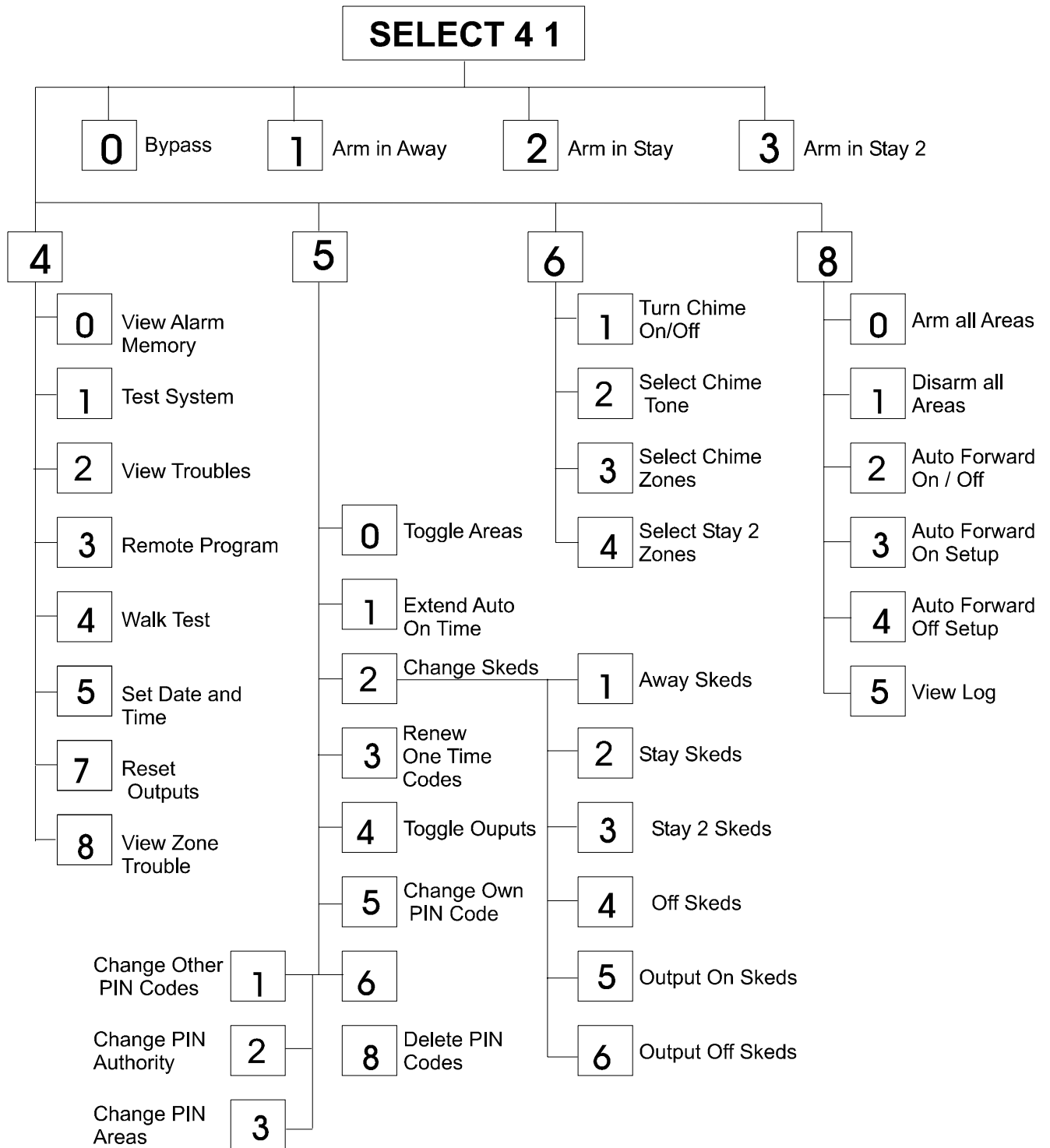
When all programming parameters (that need to change) are set, you press and hold the [Select] key to exit programming mode. The keypad will update all programming parameters and display:

CC7240 Rev#.#
Please Wait...

Installer Commands



AVAILABLE KEYPAD USER COMMANDS



Default values for CC7240 V1.53A in these pages

[illegible][illegible]

2

[illegible][illegible]

2

0

[illegible][illegible][illegible]

15

0

Address 0221

Global Reporting Options

0 = Local Only / Disable Dialler
 1 = Reporting Allowed
 2 = Extend Handshake Wait Time From 45 To 60 Seconds
 4 = Delay Alarm Outputs Until Comm's OK Or Comm's Failed Twice
 8 = Burglar Alarm After Two Failed Attempts

1

Address 0222

Ack Wait Time

Increments Of 1sec (1 - 15 Sec's)

5

Address 0223

AC Power Supervision Options

0 = No Options Selected
 1 = Delay AC Fail / AC Fail Restore Report Until Next Report
 2 = Ignore AC Fail Supervision At Keypads
 4 = Arm/Disarm and Bypass Tracking Allowed
 8 = Internal Crystal To Keep Time

4

Address 0224

AC Fail, Low Battery Report Options

0 = No Options Selected
 1 = AC Fail Reports Allowed
 2 = AC Fail Restore Reports Allowed
 4 = Low Battery, Battery Missing Reports and Restore Reports Allowed
 8 = Ground Fault Reports and Restore Reports Allowed

15

Address 0225

System Status Report Swinger Count

Swinger Shutdown Count For System Status Reports (0 - 15)

0

Address 0226

System Status Report Routing

0 = No Reports, No Events To Log/Printer
 1 = Report To Destination 1, Events To Log/Printer
 2 = Report To Destination 2, Events To Log/Printer
 3 = Report To Destination 1 & Destination 2, Events To Log/Printer
 4 = Report To Destination 2 If Destination 1 Fail, Events To Log/Printer
 5 = No Report, Events To Log/Printer

1

Address 0227 – 0228

Call For Service Interval

Address 0227 = Increments Of Weeks (Tens Digit)
 Address 0228 = Increments Of Weeks (Units Digit)

0 0

Address 0229 – 0230

System Inactive Interval

Address 0229 = Increments Of Weeks (Tens Digit)
 Address 0230 = Increments Of Weeks (Units Digit)

0 0

Address 0231

Call For Service/System Inactive Options (V1.53A+)

0 = No Options Selected
 1 = 'Call For Service' Display At Call For Service Interval
 2 = 'Call For Service' Report At Call For Service Interval
 4 = 'System Inactive' Display At System Inactive Interval
 8 = 'Weekly Test' Reminder Allowed

0

Address 0232

Log Threshold/Overflow Options (V1.53A+)

0 = No Log Threshold Events / Log Overflow Events
 1 = Log Threshold At 50% + Report
 2 = Log Threshold At 75% + Report
 3 = Log Threshold At 90% + Report
 4 = Log Threshold At 50% (Local)
 5 = Log Threshold At 75% (Local)
 6 = Log Threshold At 90% (Local)

0

Address 0233

Auto Arming Pre-Alert Time

Increments Of 5 Minutes (Time = Value x 5 mins)

6

Address 0234

Cancel Alarm Report

0 = No Cancel Alarm Reports Allowed
 1 = Cancel Alarm Reports Allowed

0

Address 0235

Date and Time Display/Disable Pin Trouble

0 = Display Date As MM/DD/YY
 1 = Display Date As DD/MM/YY
 2 = Default PIN Display Trouble Allowed

3

Address 0236

Daylight Savings Calendar Options

0 = Daylight Savings Disabled
 1 = Australia
 2 = European
 3 = USA

1

Address 0238 – 0239

**Daylight Savings -
Forward One Hour**Address 0238 = Hour Of The Day (Tens Digit)
Address 0239 = Hour Of The Day (Units Digit)

0 2

Address 0240 – 0241

**Daylight Savings -
Backwards One Hour**Address 0240 = Hour Of The Day (Tens Digit)
Address 0241 = Hour Of The Day (Units Digit)

0 3

Address 0242 – 0243

AC Fail Report DelayAddress 0242 = No of 16 minute intervals
Address 0243 = No of 1 minute intervals

3 12

Address 0244

**System Test - Command 41
Configuration Options**0 = Command 41 Disabled
1 = Test Siren
2 = Test Strobe
4 = Test Battery
8 = Send Test Report

15

Address 0245

**System Test - Command 41
Area Assignment**0 = Command 41 Disabled
1 = Command 41 Allowed Area 1
2 = Command 41 Allowed Area 2
4 = Command 41 Allowed Area 3
8 = Command 41 Allowed Area 4

15

Address 0246

**Walk Test - Command 44
Configuration Options**0 = Command 44 Disabled
1 = Start With System Test (Command 41)
2 = Include Fire Zones
4 = Include 24-Hour Zones
8 = Include Controlled Zones

8

Address 0247

**Walk Test - Command 44
Area Assignment**0 = Command 44 Disabled
1 = Command 44 Allowed Area 1
2 = Command 44 Allowed Area 2
4 = Command 44 Allowed Area 3
8 = Command 44 Allowed Area 4

15

Address 0248

**Walk Test Start / End
Report Routing**0 = No Reports, No Events To Log/Printer
1 = Report To Destination 1, Events To Log/Printer
2 = Report To Destination 2, Events To Log/Printer
3 = Report To Destination 1 & Destination 2, Events To Log/Printer
4 = Report To Destination 2 On Destination 1 Fail, Events To Log/Printer
5 = No Report, Events To Log/Printer

5

Address 0249

Test Report Options0 = No Test Reports Options Programmed
1 = Test Report Only When System Is Away Or Stay
2 = Test Report Only If No Other Report In Repeat Interval (To Same Destination)
4 = Test Reports For All Areas
8 = Call RPS After Test Report

0

Address 0250 - 0253

Test Report TimeAddress 0250 = Hour Of The Day (Tens Digit)
Address 0251 = Hour Of The Day (Units Digit)
Address 0252 = Minute Of The Day (Tens Digit)
Address 0253 = Minute Of The Day (Units Digit)

H	H	M	M
0	0	0	0

Address 0254

Test Report Interval0 = No Periodic Test Reports
1 = Every Hour
2 = Every Day
3 = Every 7 Days
4 = Every 28 Days

2

Address 0255

Test Report Routing0 = No Reports, No Events To Log/Printer
1 = Report To Destination 1, Events To Log/Printer
2 = Report To Destination 2, Events To Log/Printer
3 = Report To Destination 1 & Destination 2, Events To Log/Printer
4 = Report To Destination 2 On Destination 1 Fail, Events To Log/Printer
5 = No Report, Events To Log/Printer

1

Address 0256

Remote Programming Options (RPS)

0 = Remote Programming Not Allowed
 1 = Remote Programming Allowed
 2 = Remote Programming Call Back Allowed
 4 = Terminate Remote Programming Connection On Alarm
 8 = Reserved

5

Address 0257

Local Programming Options

0 = No Options Selected
 1 = Reserved
 2 = Auto Adjust For DST (Daylight Savings)
 4 = Keypad Programming Allowed
 8 = PK32 (Programming Key) Allowed

12

Address 0258

Arming Options 1
(V1.53A+)

0 = No Options Selected
 1 = Away - No Exit Allowed (Switches To Stay If Entry/Exit Zone Not Faulted Within Exit Delay)
 2 = Answering Machine Bypass Only When Away or Stay
 4 = Arm Area 1 Allowed Via Telephone
 8 = Reserved

4

Address 0259

Arming Options 2

0 = No Options Selected
 1 = First To Open/Last To Close Allowed
 2 = Area 1 Is Common Area
 4 = Command 80 - All Areas Away With Delay Allowed
 8 = Command 81 - All Areas All Off Allowed

12

Address 0260

Zone Bypass / Forced Arm Limit

0 = Unlimited / 1 – 15 = Maximum Number Of Zones

0

Address 0261

Open/Close Options

0 = No Open, Close, Exit Error or Recent Closing Reports Allowed
 1 = Open Reports Allowed
 2 = Closing Reports Allowed
 4 = Exit Error Reports Allowed
 8 = Recent Closing Reports Allowed

15

Address 0262

Open/Close Report Routing

0 = No Reports, No Events To Log/Printer
 1 = Report To Destination 1, Events To Log/Printer
 2 = Report To Destination 2, Events To Log/Printer
 3 = Report To Destination 1 & Destination 2, Events To Log/Printer
 4 = Report To Destination 2 If Destination 1 Fail, Events To Log/Printer
 5 = No Report, Events To Log/Printer

1

Address 0263

Exit Time Restart

0 = No Exit Time Restart
 1 = Restart (SIA False Alarm Reduction Requirement)

1

Address 0264 – 0265

Entry Time 1

Address 0264 = Increments Of 16 Seconds (0 - 240 Seconds)
 Address 0265 = Increments Of 1 Second (0 - 15 Seconds)

1 14

Address 0266 – 0267

Entry Time 2

Address 0266 = Increments Of 16 Seconds (0 - 240 Seconds)
 Address 0267 = Increments Of 1 Second (0 - 15 Seconds)

7 8

Address 0268 – 0269

Stay Mode Delay Time

Address 0268 = Increments Of 16 Seconds (0 - 240 Seconds)
 Address 0269 = Increments Of 1 Second (0 - 15 Seconds)

0 0

Address 0270 – 0271

Exit Delay Time 1

Address 0270 = Increments Of 16 Seconds (0 - 240 Seconds)
 Address 0271 = Increments Of 1 Second (0 - 15 Seconds)

3 12

Address 0272 – 0273

Exit Delay Time 2

Address 0272 = Increments Of 16 Seconds (0 - 240 Seconds)
 Address 0273 = Increments Of 1 Second (0 - 15 Seconds)

7 8

Note: Entry Delay 1 and 2 (including Part Mode Delay Time) has a minimum delay time of 30 seconds. Part Mode Delay Time can be disabled by programming 0,0. Exit Delay Time 1 and 2 have a minimum delay time of 45 seconds.

Address 0276 – 0281

**Area 1 Account Number
For Destination 1**

10 10 10 10 0 0

Address 0286 – 0291

**Area 1 Account Number
For Destination 2**

10 10 10 10 0 0

Address 0296

**Area 1 Open/Close
Reporting Options**

- 0 = No Open/Close Reports For Area 1
- 1 = Open/Close Reports For Area 1 Allowed
- 2 = Open Reports Only After Alarm/Close Reports Only On Force Arm
- 4 = Open/Close Reports For Stay and Stay 2
- 8 = 1 Second Siren Test On Closing Acknowledge

Note: Selection must include 1, so location always an odd value

1

Address 0297

Area 1 - Lock Reporting

- 0 = Lock Area Reporting Disabled
- 1 = Lock Area Reports To Destination 1
- 2 = Lock Area Reports To Destination 2

0

Address 0298 – 0303

**Area 2 Account Number
For Destination 1**

10 10 10 10 0 0

Address 0308 – 0313

**Area 2 Account Number
For Destination 2**

10 10 10 10 0 0

Address 0318

**Area 2 Open/Close
Reporting Options**

- 0 = No Open/Close Reports For Area 2
- 1 = Open/Close Reports For Area 2 Allowed
- 2 = Open Reports Only After Alarm/Close Reports Only On Force Arm
- 4 = Open/Close Reports For Stay and Stay 2
- 8 = 1 Second Siren Test On Closing Acknowledge

Note: Selection must include 1, so location always an odd value

1

Address 0319

Area 2 – Lock Reporting

- 0 = Lock Area Reporting Disabled
- 1 = Lock Area Reports To Destination 1
- 2 = Lock Area Reports To Destination 2

0

Address 0320 – 0325

**Area 3 Account Number
For Destination 1**

10 10 10 10 0 0

Address 0330 – 0335

**Area 3 Account Number
For Destination 2**

10 10 10 10 0 0

Address 0340

**Area 3 Open/Close
Reporting Options**

- 0 = No Open/Close Reports For Area 3
- 1 = Open/Close Reports For Area 3 Allowed
- 2 = Open Reports Only After Alarm/Close Reports Only On Force Arm
- 4 = Open/Close Reports For Stay and Stay 2
- 8 = 1 Second Siren Test On Closing Acknowledge

Note: Selection must include 1, so location always an odd value

1

Address 0341

Area 3 - Lock Reporting

- 0 = Lock Area Reporting Disabled
- 1 = Lock Area Reports To Destination 1
- 2 = Lock Area Reports To Destination 2

0

Address 0342 – 0347

**Area 4 Account Number
For Destination 1**

10 10 10 10 0 0

Address 0352 – 0357

**Area 4 Account Number
For Destination 2**

10 10 10 10 0 0

Address 0362

**Area 4 Open/Close
Reporting Options**

- 0 = No Open/Close Reports For Area 4
- 1 = Open/Close Reports For Area 4 Allowed
- 2 = Open Reports Only After Alarm/Close Reports Only On Force Arm
- 4 = Open/Close Reports For Stay and Stay 2
- 8 = 1 Second Siren Test On Closing Acknowledge

Note: Selection must include 1, so location always an odd value

1

Address 0363

Area 4 - Lock Reporting

- 0 = Lock Area Reporting Disabled
- 1 = Lock Area Reports To Destination 1
- 2 = Lock Area Reports To Destination 2

0

Address 0364

Authority Level Option 1

- Command 1 - Away With Delay
- Command 1 - Away With Delay, Silent
- Command 1 - Away With No Entry Delay
- Away Key - Away With Delay
- Away Key - Away With Delay, Silent
- Away Key - Away With No Entry Delay

Assign To Authority Level:

- 0 = No PIN Code Required
- 1 = Authority Level 1 Allowed
- 2 = Authority Level 2 Allowed
- 4 = Authority Level 3 Allowed
- 8 = Authority Level 4 Allowed

15

Address 0365

Authority Level Option 2

(V1.53A+)

- Command 2 - Stay With Delay
- Command 2 - Stay With Delay, Silent
- Command 2 - Stay With No Entry Delay
- Stay Key - Stay With Delay
- Stay Key - Stay With Delay, Silent
- Stay Key - Stay With No Entry Delay

Assign To Authority Level:

- 0 = No PIN Code Required
- 1 = Authority Level 1 Allowed
- 2 = Authority Level 2 Allowed
- 4 = Authority Level 3 Allowed
- 8 = Authority Level 4 Allowed

0

Address 0366

Authority Level Option 3

(V1.53A+)

- Command 3 - Stay 2 With Delay
- Command 3 - Stay 2 With Delay, Silent
- Command 3 - Stay 2 With No Entry Delay

Assign To Authority Level:

- 0 = No PIN Code Required
- 1 = Authority Level 1 Allowed
- 2 = Authority Level 2 Allowed
- 4 = Authority Level 3 Allowed
- 8 = Authority Level 4 Allowed

0

Address 0367

Authority Level Option 4

Disarm

Assign To Authority Level:

- 0 = Disarm Not Assigned
- 1 = Authority Level 1 Allowed
- 2 = Authority Level 2 Allowed
- 4 = Authority Level 3 Allowed
- 8 = Authority Level 4 Allowed

15

Address 0368

Authority Level Option 5

One-Time Disarm

Assign To Authority Level:

- 0 = One-Time Disarm Not Assigned
- 1 = Authority Level 1 Allowed
- 2 = Authority Level 2 Allowed
- 4 = Authority Level 3 Allowed
- 8 = Authority Level 4 Allowed

8

Address 0369

Authority Level Option 6

Send Open/Close Reports

Assign To Authority Level:

- 0 = Open/Close Reports Not Restricted
- 1 = Authority Level 1 - Restricted
- 2 = Authority Level 2 - Restricted
- 4 = Authority Level 3 - Restricted
- 8 = Authority Level 4 - Restricted

0

Address 0370

Authority Level Option 7

(V1.53A+)

Force Arm
Command 0 - Bypass
Bypass Key

Assign To Authority Level:

0 = No PIN Code Required
1 = Authority Level 1 Allowed
2 = Authority Level 2 Allowed
4 = Authority Level 3 Allowed
8 = Authority Level 4 Allowed

0

Address 0371

Authority Level Option 8

(V1.53A+)

Command 80 - Away With Delay, All Areas
Command 81 - Off, All Areas

Assign To Authority Level:

0 = No PIN Code Required
1 = Authority Level 1 Allowed
2 = Authority Level 2 Allowed
4 = Authority Level 3 Allowed
8 = Authority Level 4 Allowed

1

Address 0372

Authority Level Option 9

(V1.53A+)

Command 40 - View Alarm Memory
Command 41 - System Test
Command 42 - View System Trouble
Command 43 - Remote Program
Command 44 - Walk Test
Command 47 - Reset Sensors
Command 48 - View Zone Trouble

Assign To Authority Level:

0 = No PIN Code Required
1 = Authority Level 1 Allowed
2 = Authority Level 2 Allowed
4 = Authority Level 3 Allowed
8 = Authority Level 4 Allowed

0

Address 0373

Authority Level Option 10

Command 45 - Set Date and Time
Command 52 - Change Skeds
Command 53 - Renew One-Time PIN Codes
Command 56 - Add/Change Other PIN Codes
Command 58 - Delete PIN Codes
Command 62 - Set Chime Tone
Command 63 - Set Chime Zones
Command 65 - Set Stay 2 Zones
Command 83 - Auto-Forward On Sequence
Command 84 - Auto-Forward Off Sequence

Assign To Authority Level:

0 = No PIN Code Required
1 = Authority Level 1 Allowed
2 = Authority Level 2 Allowed
4 = Authority Level 3 Allowed
8 = Authority Level 4 Allowed

1

Address 0374

Authority Level Option 11

(V1.53A+)

Command 50 - Move To Area #

Assign To Authority Level:

0 = No PIN Code Required
1 = Authority Level 1 Allowed
2 = Authority Level 2 Allowed
4 = Authority Level 3 Allowed
8 = Authority Level 4 Allowed

1

Address 0375

Authority Level Option 12

(V1.53A+)

Command 51 - Extend Close (Automatic Arming)

Assign To Authority Level:

0 = No PIN Code Required
1 = Authority Level 1 Allowed
2 = Authority Level 2 Allowed
4 = Authority Level 3 Allowed
8 = Authority Level 4 Allowed

1

Address 0376

Authority Level Option 13

Command 49 - Adjust Keypad Key Volume
Command 54 - Outputs Toggle On/Off
Command 61 - Chime Toggle On/Off
Command 82 - Auto-Forwarding Toggle On/Off

Assign To Authority Level:

0 = No PIN Code Required
1 = Authority Level 1 Allowed
2 = Authority Level 2 Allowed
4 = Authority Level 3 Allowed
8 = Authority Level 4 Allowed

1

Address 0377

Authority Level Option 14

Command 55 - Change User PINs

Assign To Authority Level:

0 = No PIN Code Required
1 = Authority Level 1 Allowed
2 = Authority Level 2 Allowed
4 = Authority Level 3 Allowed
8 = Authority Level 4 Allowed

1

Address 0378

Authority Level Option 15

Command 85 - View Log

Assign To Authority Level:

0 = No PIN Code Required
1 = Authority Level 1 Allowed
2 = Authority Level 2 Allowed
4 = Authority Level 3 Allowed
8 = Authority Level 4 Allowed

1

Address 0379

PIN Code Length

Minimum Length = 3 Digits / Maximum Length = 7 Digits

4

Address 380

User Tamper Options

0 = No User Tamper Events
 1 = User Tamper Reports Allowed
 2 = User Tamper Event Activates Alarm Output
 4 = Reserved
 8 = Reserved

1

Address 0381

User Tamper Retry Count

0 = Unlimited / 15 = Maximum Incorrect Attempts

4

Address 0382

User Tamper Time

Increments Of 1 Minute (0 = No Keypad Lockout / 15 = 15 Min's)

2

Address 0383 – 0389

Installer Code

6 5 4 3 2 1 0

Address 0390 – 0677

PIN codes

(V1.53A+)

Authority Level	Area Assignment
0 = No Authority Level	0 = Not Assigned To An Area
1 = Access Authority Level 1	1 = Assigned To Area 1
2 = Access Authority Level 2	2 = Assigned To Area 2
3 = Access Authority Level 3	4 = Assigned To Area 3
4 = Access Authority Level 4	8 = Assigned To Area 4

PIN Code 1

Address 0390 - 0396

1 2 3 4 5 6 7

Authority
Level0397
1Area
Assignment0398
15**PIN Code 2**

Address 0399 - 0405

0 0 0 0 0 0 0

Authority
Level0406
2Area
Assignment0407
1**PIN Code 3**

Address 0408 - 0414

0 0 0 0 0 0 0

Authority
Level0415
2Area
Assignment0416
1**PIN Code 4**

Address 0417 - 0423

0 0 0 0 0 0 0

Authority
Level0424
2Area
Assignment0425
1**PIN Code 5**

Address 0426 - 0432

0 0 0 0 0 0 0

Authority
Level0433
2Area
Assignment0434
1**PIN Code 6**

Address 0435 - 0441

0 0 0 0 0 0 0

Authority
Level0442
2Area
Assignment0443
1**PIN Code 7**

Address 0444 - 0450

0 0 0 0 0 0 0

Authority
Level0451
2Area
Assignment0452
1**PIN Code 8**

Address 0453 - 0459

0 0 0 0 0 0 0

Authority
Level0460
2Area
Assignment0461
1**PIN Code 9**

Address 0462 - 0468

0 0 0 0 0 0 0

Authority
Level0469
2Area
Assignment0470
1**PIN Code 10**

Address 0471 - 0477

0 0 0 0 0 0 0

Authority
Level0478
2Area
Assignment0479
1**PIN Code 11**

Address 0480 - 0486

0 0 0 0 0 0 0

Authority
Level0487
2Area
Assignment0488
1**PIN Code 12**

Address 0489 - 0495

0 0 0 0 0 0 0

Authority
Level0496
2Area
Assignment0497
1

PIN Code 13

Address 0498 - 0504

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0505

2

Area Assignment

0506

1

PIN Code 14

Address 0507 - 0513

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0514

2

Area Assignment

0515

1

PIN Code 15

Address 0516 - 0522

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0523

2

Area Assignment

0524

1

PIN Code 16

Address 0525 - 0531

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0532

2

Area Assignment

0533

1

PIN Code 17

Address 0534 - 0540

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0541

2

Area Assignment

0542

1

PIN Code 18

Address 0543 - 0549

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0550

2

Area Assignment

0551

1

PIN Code 19

Address 0552 - 0558

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0559

2

Area Assignment

0560

1

PIN Code 20

Address 0561 - 0567

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0568

2

Area Assignment

0569

1

PIN Code 21

Address 0570 - 0576

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0577

2

Area Assignment

0578

1

PIN Code 22

Address 0579 - 0585

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0586

2

Area Assignment

0587

1

PIN Code 23

Address 0588 - 0594

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0595

2

Area Assignment

0596

1

PIN Code 24

Address 0597 - 0603

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0604

2

Area Assignment

0605

1

PIN Code 25

Address 0606 - 0612

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0613

2

Area Assignment

0614

1

PIN Code 26

Address 0615 - 0621

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0622

2

Area Assignment

0623

1

PIN Code 27

Address 0624 - 0630

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0631

2

Area Assignment

0632

1

PIN Code 28

Address 0633 - 0639

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0640

2

Area Assignment

0641

1

PIN Code 29

Address 0642 - 0648

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0649

2

Area Assignment

0650

1

PIN Code 30

Address 0651 - 0657

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0658

2

Area Assignment

0659

1

PIN Code 31

Address 0660 - 0666

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0667

2

Area Assignment

0668

1

PIN Code 32

Address 0669 - 0675

0	0	0	0	0	0	0
---	---	---	---	---	---	---

Authority Level

0676

2

Area Assignment

0677

1

Address 0678 – 0693

Keypad Options/Assignment**Note:** Keypad can be assigned to one area only

Options	Area Assignment
0 = No Keypad Options Selected	0 = Keypad Not Assigned To An Area
1 = Beep Keypad On System Trouble	1 = Assigned Keypad To Area 1
2 = Exit Tone Allowed	2 = Assigned Keypad To Area 2
4 = Area Display Allowed	3 = Assigned Keypad To Area 3
8 = Disable Zone Status On Keypads	4 = Assigned Keypad To Area 4

Keypad 1

Address

Options

3

Area
Assignment

1

Keypad 2

Address

Options

3

Area
Assignment

0

Keypad 3

Address

Options

3

Area
Assignment

0

Keypad 4

Address

Options

3

Area
Assignment

0

Keypad 5

Address

Options

3

Area
Assignment

0

Keypad 6

Address

Options

3

Area
Assignment

0

Keypad 7

Address

Options

3

Area
Assignment

0

Keypad 8

Address

Options

3

Area
Assignment

0

Address 0694

A-Key Area Assignment

0 = A-Key Disabled
 1 = A-Key Assigned To Area 1
 2 = A-Key Assigned To Area 2
 4 = A-Key Assigned To Area 3
 8 = A-Key Assigned To Area 4

15

Address 0695

**A-Key Alarm
Response Options**

0 = No Alarm Response
 1 = Activate Fire Alarm
 2 = Activate Panic Alarm
 3 = Activate Emergency Alarm

0

Address 0696

B-Key Area Assignment

0 = B-Key Disabled
 1 = B-Key Assigned To Area 1
 2 = B-Key Assigned To Area 2
 4 = B-Key Assigned To Area 3
 8 = B-Key Assigned To Area 4

15

Address 0697

**B-Key Alarm
Response Options**

0 = No Alarm Response
 1 = Activate Fire Alarm
 2 = Activate Panic Alarm
 3 = Activate Emergency Alarm

0

Address 0698

C-Key Area Assignment

0 = C-Key Disabled
 1 = C-Key Assigned To For Area 1
 2 = C-Key Assigned To For Area 2
 4 = C-Key Assigned To For Area 3
 8 = C-Key Assigned To For Area 4

15

Address 0699

**C-Key Alarm
Response Options**

0 = No Alarm Response
 1 = Activate Fire Alarm
 2 = Activate Panic Alarm
 3 = Activate Emergency Alarm

0

Address 0700

Alarm Output For A, B, C Keys

0 = No Alarm Output For Keypad Alarms
 1 = Alarm Output For A-Key
 2 = Alarm Output For B-Key
 4 = Alarm Output For C-Key
 8 = Reserved

0

Address 0701

A, B, C Key Reports, Acknowledgment Beep

0 = No Reports, No Acknowledgment Beep
 1 = A, B, C Key Reporting Allowed (A-Key = Zn 100, B-Key = Zn 101, C-Key = Zn 102)
 2 = Beep For A-Key Acknowledgment
 4 = Beep For B-Key Acknowledgment
 8 = Beep For C-Key Acknowledgment

0

Address 0702

Duress Code Options (V1.53A+)

0 = No Duress Reports
 1 = PIN Code 32 Is Duress PIN Code
 2 = PIN Code 31 Is Duress PIN Code
 4 = PIN Code 30 Is Duress PIN Code
 8 = PIN Code 29 Is Duress PIN Code

1

Address 0703

A, B, C Keys and Duress Report Routing

0 = No Reports, No Events To Log/Printer
 1 = Report To Destination 1, Events To Log/Printer
 2 = Report To Destination 2, Events To Log/Printer
 3 = Report To Destination 1 & Destination 2, Events To Log/Printer
 4 = Report To Destination 2 If Destination 1 Fail, Events To Log/Printer
 5 = No Report, Events To Log/Printer

1

Address 0704

Keypad Tamper Response

0 = Disabled
 1 = Keypad Tamper Response Allowed
 2 = Enable Extinguish Mode
 4 = Reserved

0

Address 0705

Guard Code Options

0 = No Guard Code
 1 = User 28 is a Guard Code

0

Address 0706 – 0905

Zones

Input Device	Zone Index	Area Assignment	Zone Number
0 = Zone Disabled	Enter Value 1 – 15 Assign A Zone To A Zone Index.		This determines the Zone Number (00 – 40) that appears in the keypad display, the panel log, the optional printer & the central station. It is possible to have a Zone 1 for each area.
1 = On-Board Zone (1-8)		1 = Assign Zone To Area 1	
2 = Wired Zone Expander		2 = Assign Zone To Area 2	
3 = Zone Double Expander		3 = Assign Zone To Area 3	
4 = Option Bus RF Receiver 1		4 = Assign Zone To Area 4	
5 = Option Bus RF Receiver 2			

(V1.53A+)

Zone 1	Address	706	707	708	709/710	Zone 2	Address	711	712	713	714/715
	Default Entry/Exit Delay-1	1 Input Device	11 Zone Index	1 Area Assignment	01 Zone Number		Default Follower	1 Input Device	13 Zone Index	1 Area Assignment	02 Zone Number
Zone 3	Address	716	717	718	719/720	Zone 4	Address	721	722	723	724/725
	Default Follower	1 Input Device	13 Zone Index	1 Area Assignment	03 Zone Number		Default Follower	1 Input Device	13 Zone Index	1 Area Assignment	04 Zone Number
Zone 5	Address	726	727	728	729/730	Zone 6	Address	731	732	733	734/735
	Default Instant	1 Input Device	14 Zone Index	1 Area Assignment	05 Zone Number		Default Instant	1 Input Device	14 Zone Index	1 Area Assignment	06 Zone Number
Zone 7	Address	736	737	738	739/740	Zone 8	Address	741	742	743	744/745
	Default Instant	1 Input Device	14 Zone Index	1 Area Assignment	07 Zone Number		Default 24-Hr Tamper	1 Input Device	8 Zone Index	1 Area Assignment	08 Zone Number

Address	746	747	748	749/750
Zone 9				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	756	757	758	759/760
Zone 11				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	766	767	768	769/770
Zone 13				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	776	777	778	779/780
Zone 15				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	786	787	788	789/790
Zone 17				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	796	797	798	799/800
Zone 19				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	806	807	808	809/810
Zone 21				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	816	817	818	819/820
Zone 23				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	826	827	828	829/830
Zone 25				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	836	837	838	839/840
Zone 27				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	846	847	848	849/850
Zone 29				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	856	857	858	859/860
Zone 31				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	751	752	753	754/755
Zone 10				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	761	762	763	764/765
Zone 12				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	771	772	773	774/775
Zone 14				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	781	782	783	784/785
Zone 16				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	791	792	793	794/795
Zone 18				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	801	802	803	804/805
Zone 20				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	811	812	813	814/815
Zone 22				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	821	822	823	824/825
Zone 24				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	831	832	833	834/835
Zone 26				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	841	842	843	844/845
Zone 28				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	851	852	853	854/855
Zone 30				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	861	862	863	864/865
Zone 32				
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	866	867	868	869/870
Zone 33	0	0	1	3 3
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	876	877	878	879/880
Zone 35	0	0	1	3 5
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	886	887	888	889/890
Zone 37	0	0	1	3 7
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	896	897	898	899/900
Zone 39	0	0	1	3 9
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	871	872	873	874/875
Zone 34	0	0	1	3 4
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	881	882	883	884/885
Zone 36	0	0	1	3 6
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	891	892	893	894/895
Zone 38	0	0	1	3 8
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address	901	902	903	904/905
Zone 40	0	0	1	4 0
Default	Input Device	Zone Index	Area Assignment	Zone Number

Address 0906 – 1025

Zone Indexes (V1.53A+)**Zone Type**

0 = Chime	5 = 24-Hour Emergency	10 = Controlled, Keyswitch
1 = 24-Hour Fire	6 = 24-Hour Visible Panic	11 = Controlled, Entry/Exit Delay 1
2 = 24-Hour Fire With Verification	7 = 24-Hour Invisible Panic	12 = Controlled, Entry/Exit Delay 2
3 = Reserved	8 = 24-Hour Burglary	13 = Controlled, Follower
4 = 24-Hour Tamper	9 = Reserved	14 = Controlled, Instant

Pulse Count

Number Of Valid Pulses (0 - 15) Within The Pulse Count Time

Pulse Count Time

50 ms Loop Response Time Zone Pulse Count Time	160 ms Loop Response Time Zone Pulse Count Time
0 = 0.5 Second	8 = 20 Seconds
1 = 1 Second	9 = 30 Seconds
2 = 2 Seconds	10 = 40 Seconds
3 = 3 Seconds	11 = 50 Seconds
4 = 4 Seconds	12 = 60 Seconds
5 = 5 Seconds	13 = 90 Seconds
6 = 10 Seconds	14 = 120 Seconds
7 = 15 Seconds	15 = 200 Seconds

Zone Options 1

0 = No Options Selected
1 = Alarm Report Abort Allowed
2 = Reserved
4 = Armed For Stay
8 = Sensor Trouble Monitor

Zone Options 2

0 = No Options Selected
1 = Swinger Bypass
2 = Alarm Output
4 = Can Be Bypassed / Forced Armed
8 = Cross-Zone (Pulse Count Handover)

Zone Options 1 - (Controlled Keyswitch Only)

Latching	Momentary
0 = Away, Off (Away, Stay & Stay2)	8 = Away, Off (Away, Stay & Stay 2)
1 = Away	9 = Away
2 = Off (Away, Stay & Stay 2)	10 = Off (Away, Stay & Stay 2)
4 = Stay, Off (Away, Stay & Stay 2)	12 = Stay, Off (Away, Stay & Stay 2)
5 = Stay	13 = Stay
6 = Off (Stay & Stay 2)	14 = Off (Stay & Stay 2)

Alarm / Trouble / Restoral Reporting Enable

0 = No Alarm/Alarm Restore Reports
1 = Alarm Reports Allowed
2 = Trouble Reports On Open
4 = Trouble Reports On Short
8 = Restore Reported Allowed

Alarm Report Routing & Restoral Report Routing

0 = No Reports, No Event To Log/Printer
1 = Report To Destination 1 + Log/Printer
2 = Report To Destination 2 + Log/Printer
3 = Report To Destination 1 & Destination 2 + Log/Printer
4 = Report To Destination 1 When Destination 1 Fail + Log/Printer
5 = No Report, Events To Log/Printer

Zone Index 1	Address	906	907	908	909	910	911	912	913
	Default: 24-Hr Fire	1 Zone Type	0 Pulse Count	0 Pulse Count Time	0 Zone Options 1	2 Zone Options 2	9 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing
Zone Index 2	Address	914	915	916	917	918	919	920	921
	Default: 24-Hr Fire With Verification	2 Zone Type	0 Pulse Count	0 Pulse Count Time	0 Zone Options 1	2 Zone Options 2	11 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing
Zone Index 3	Address	922	923	924	925	926	927	928	929
	Default: Reserved	3 Zone Type	0 Pulse Count	0 Pulse Count Time	1 Zone Options 1	0 Zone Options 2	10 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing
Zone Index 4	Address	930	931	932	933	934	935	936	937
	Default: 24-Hr Tamper	4 Zone Type	0 Pulse Count	0 Pulse Count Time	0 Zone Options 1	7 Zone Options 2	9 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing
Zone Index 5	Address	938	939	940	941	942	943	944	945
	Default: 24-Hr Emergency	5 Zone Type	0 Pulse Count	0 Pulse Count Time	1 Zone Options 1	7 Zone Options 2	9 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing
Zone Index 6	Address	946	947	948	949	950	951	952	953
	Default: 24-Hr Visible Panic With Alarm Output	6 Zone Type	0 Pulse Count	0 Pulse Count Time	1 Zone Options 1	7 Zone Options 2	9 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing
Zone Index 7	Address	954	955	956	957	958	959	960	961
	Default: 24-Hr Invisible Panic	7 Zone Type	0 Pulse Count	0 Pulse Count Time	1 Zone Options 1	5 Zone Options 2	9 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing
Zone Index 8	Address	962	963	964	965	966	967	968	969
	Default: 24-Hr Burglary	8 Zone Type	0 Pulse Count	0 Pulse Count Time	0 Zone Options 1	2 Zone Options 2	9 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing
Zone Index 9	Address	970	971	972	973	974	975	976	977
	Default: Chime	0 Zone Type	0 Pulse Count	0 Pulse Count Time	0 Zone Options 1	0 Zone Options 2	9 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing
Zone Index 10	Address	978	979	980	981	982	983	984	985
	Default: Keyswitch	10 Zone Type	0 Pulse Count	0 Pulse Count Time	8 Zone Options 1	2 Zone Options 2	11 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing
Zone Index 11	Address	986	987	988	989	990	991	992	993
	Default: Entry/Exit Delay-1	11 Zone Type	0 Pulse Count	0 Pulse Count Time	5 Zone Options 1	7 Zone Options 2	9 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing
Zone Index 12	Address	994	995	996	997	998	999	1000	1001
	Default: Entry/Exit Delay-2	12 Zone Type	0 Pulse Count	0 Pulse Count Time	5 Zone Options 1	7 Zone Options 2	9 Alarm/Trouble /Restore Allowed	1 Alarm Routing	1 Restore Routing

Address	1002	1003	1004	1005	1006	1007	1008	1009
Zone Index 13	13	0	0	1	7	9	1	1
Default: Follower	Zone Type	Pulse Count	Pulse Count Time	Zone Options 1	Zone Options 2	Alarm/Trouble /Restore Allowed	Alarm Routing	Restore Routing
Address	1010	1011	1012	1013	1014	1015	1016	1017
Zone Index 14	14	0	0	1	7	9	1	1
Default: Instant	Zone Type	Pulse Count	Pulse Count Time	Zone Options 1	Zone Options 2	Alarm/Trouble /Restore Allowed	Alarm Routing	Restore Routing
Address	1018	1019	1020	1021	1022	1023	1024	1025
Zone Index 15	14	0	0	5	7	9	1	1
Default: Instant / Arms In Stay	Zone Type	Pulse Count	Pulse Count Time	Zone Options 1	Zone Options 2	Alarm/Trouble /Restore Allowed	Alarm Routing	Restore Routing

Address 1026

EOL Resistor Value

0 = No EOL Resistor

1 = 1K (+/- 20%)

2 = 1K5 (+/- 20%)

3 = 2K2 (+/- 20%)

4 = 3K3 (+/- 20%)

5 = 3K9 (+/- 20%)

6 = 4K7 (+/- 20%)

7 = 5K6 (+/- 20%)

8 = 6K8 (+/- 20%)

9 = 10K (+/- 20%)

10 = 12K (+/- 20%)

11 = 22K (+/- 20%)

12 = Reserved

13 = Reserved

14 = Reserved

15 = Zone Doubled 2k2/3k65

3

Address 1027

Zone Response Options

0 = No Options Selected

1 = Smart Swinger Lockout

2 = Trouble Report On 'Unverified' Event

4 = Entry Delay Is Sequential

8 = Reserved

0

Address 1028

**Bypass/Forced Bypass
Report Routing**

0 = No Reports, No Events To Log/Printer

1 = Report To Destination 1, Events To Log/Printer

2 = Report To Destination 2, Events To Log/Printer

3 = Report To Destination 1 & Destination 2, Events To Log/Printer

4 = Report To Destination 2 On Destination 1 Fail, Events To Log/Printer

5 = No Report, Events To Log/Printer

1

Address 1029

Swinger Count For Alarm Output**1**

Address 1030

Swinger Count For Zone Reports
(V1.53A+)**2**

Address 1031

**Bypass, Swinger Bypass,
Sensor Trouble Report
Options**

0 = No Bypass, Sensor Trouble Reports and Restore Reports Allowed

1 = Zone Bypass/Swinger Bypass Reports Allowed

2 = Zone Bypass/Swinger Bypass Restore Reports Allowed

4 = Sensor Trouble Reports Allowed

8 = Sensor Trouble Restore Reports Allowed

3

Address 1032 – 1033

Sensor Monitor Time

Address 1032 = Increments Of Days (Tens Digit)

Address 1033 = Increments Of Days (Units Digit)

0 7

Address 1034

**Alarm Report
Abort Time**

0 & 1 = 15 Seconds

2 = 30 Seconds

3 - 15 = 45 Seconds

2

Address 1038

**Zone Trouble Report /
Restore Report Routing**

0 = No Reports, No Events To Log/Printer

1 = Report To Destination 1, Events To Log/Printer

2 = Report To Destination 2, Events To Log/Printer

3 = Report To Destination 1 & Destination 2, Events To Log/Printer

4 = Report To Destination 2 On Destination 1 Fail, Events To Log/Printer

5 = No Report, Events To Log/Printer

1

Address 1039

Global Output Options

0 = No Options Programmed
 1 = Output 2 Is Supervised Horn Speaker
 2 = Send Output Set/Reset Reports Allowed
 4 = Strobe Output To Indicate RF and Keyswitch Arm/Disarm
 8 = Alarm Output(s) To Indicate RF and Keyswitch Arm/Disarm

1

Address 1040

Siren Time

Increments Of 1 Minute (0 - 15 Minutes)

5

Address 1041

Horn Speaker Frequency

(0 = Lowest Frequency / 15 = Highest Frequency)

2

Address 1042

Horn Speaker Beep Volume

(0 = No Beep / 15 = Highest Volume)

7

Address 1043

Strobe Function Options

0 = Siren Time Starts Strobe Function
 1 = Alarm Output Type 1,8 Starts Strobe Function
 2 = Alarm Output Type 1,9 Starts Strobe Function
 4 = Alarm Output Type 1,10 Starts Strobe Function
 8 = Alarm Output Type 1,11 Starts Strobe Function

15

Address 1044 – 1183

Outputs**Area Assignment**

Option	Area
0	Output Disabled
1	Assigned To Area 1
2	Assigned To Area 2
4	Assigned To Area 3
8	Assigned To Area 4

Event Types

0	0	Disabled
0	1	Armed - Away, Stay or Stay 2
0	2	Armed - Stay or Stay 2
0	3	Armed - Away
0	4	Auto Arm Pre-Alert Timer
0	5	Exit Delay or Entry Delay
0	6	Exit Delay
0	7	Exit Delay Finished
0	8	Ack After Exit Delay (Siren Test On Close)
0	9	Entry Delay
0	10	Entry Delay + Chime
0	11	Entry Delay, Exit Delay + Chime
0	12	Phone Line Fail
0	13	Ack Received
0	14	AC Fail
0	15	Low Battery / Missing Battery
1	0	PO2 Siren Supervision Fail
1	1	Sensor Trouble Monitor
1	2	Duress, Command 47 Resets
1	3	User Tamper, Command 47 Resets
1	4	Disarm/Away/Part 1 Beeps (<i>Keyswitch & RF Arming</i>)
1	5	Siren Time - Starts On Alarm Event (Code Stops)
1	6	Strobe - Follows Siren Time. (Code Stops)
1	7	Silent Alarm - Follow Siren Time (Code Stops)
1	8	Alarm - Away, Part 1 and Stay 2, Non-Fire 24 Hour Alarms (Reset On Disarm or Code)
1	9	Alarm - Part 1 and Stay 2, Non-Fire 24 Hour Alarms (Reset On Disarm or Code)

1	10	Alarm All Modes (Including Fire and 24 Hour Non-Fire (Reset On Disarm or Code)
1	11	Fire Alarm - Follows Siren Time (Reset On Code)
1	12	Fire Alarm, Latching (Reset On Command 47)
1	13	Fire Alarm Verification (must follow UL model)
1	14	System Trouble
1	15	RF Trapezoid Key
2	0	RF Rising Sun Key
2	1	RF Panic
2	2	RF Panic While Sirens Running
2	3	A-Key Activated (Command 47 Resets)
2	4	B-Key Activated (Command 47 Resets)
2	5	C-Key Activated (Command 47 Resets)
2	6	Communication Fail After 3 Attempts
2	7	Communication Fail
2	8	Panel Off Hook
2	9	Ring Detect
2	10	Voice Request
2	11	Follow Keypad Buzzer
2	12	Chime
2	13	Ready To Arm
2	14	Exit Error
2	15	AC 50 Hz Or 60 Hz
3	0	Ground Start
3	1	Follow Zone Index 1
3	2	Follow Zone Index 2
3	3	Follow Zone Index 3

3	4	Follow Zone Index 4
3	5	Follow Zone Index 5
3	6	Follow Zone Index 6
3	7	Follow Zone Index 7
3	8	Follow Zone Index 8
3	9	Follow Zone Index 9
3	10	Follow Zone Index 10
3	11	Follow Zone Index 11
3	12	Follow Zone Index 12
3	13	Follow Zone Index 13
3	14	Follow Zone Index 14
3	15	Follow Zone Index 15
4	0	
4	1	Alarm Zone Index 1
4	2	Alarm Zone Index 2
4	3	Alarm Zone Index 3
4	4	Alarm Zone Index 4
4	5	Alarm Zone Index 5
4	6	Alarm Zone Index 6
4	7	Alarm Zone Index 7
4	8	Alarm Zone Index 8
4	9	Alarm Zone Index 9
4	10	Alarm Zone Index 10
4	11	Alarm Zone Index 11
4	12	Alarm Zone Index 12
4	13	Alarm Zone Index 13
4	14	Alarm Zone Index 14
4	15	Alarm Zone Index 15
5	0	
5	1	Trouble Zone Index 1
5	2	Trouble Zone Index 2
5	3	Trouble Zone Index 3
5	4	Trouble Zone Index 4
5	5	Trouble Zone Index 5
5	6	Trouble Zone Index 6
5	7	Trouble Zone Index 7
5	8	Trouble Zone Index 8
5	9	Trouble Zone Index 9
5	10	Trouble Zone Index 10
5	11	Trouble Zone Index 11
5	12	Trouble Zone Index 12
5	13	Trouble Zone Index 13
5	14	Trouble Zone Index 14
5	15	Trouble Zone Index 15
6	0	
6	1	Follow PIN Code 1

6	2	Follow PIN Code 2
6	3	Follow PIN Code 3
6	4	Follow PIN Code 4
6	5	Follow PIN Code 5
6	6	Follow PIN Code 6
6	7	Follow PIN Code 7
6	8	Follow PIN Code 8
6	9	Follow PIN Code 9
6	10	Follow PIN Code 10
6	11	Follow PIN Code 11
6	12	Follow PIN Code 12
6	13	Follow PIN Code 13
6	14	Follow PIN Code 14
6	15	Follow PIN Code 15
7	0	Follow PIN Code 16
7	1	Follow PIN Code 17
7	2	Follow PIN Code 18
7	3	Follow PIN Code 19
7	4	Follow PIN Code 20
7	5	Follow PIN Code 21
7	6	Follow PIN Code 22
7	7	Follow PIN Code 23
7	8	Follow PIN Code 24
7	9	Follow PIN Code 25
7	10	Follow PIN Code 26
7	11	Follow PIN Code 27
7	12	Follow PIN Code 28
7	13	Follow PIN Code 29
7	14	Follow PIN Code 30
7	15	Follow PIN Code 31
8	0	Follow PIN Code 32
8	1	Sked (Only Outputs 1 - 15)
8	2	Command 54
8	3	
8	4	Confirmed / Verified Alarm
8	5	Unconfirmed / Verified Alarm
8	6	Tamper
8	7	Bypass
8	8	Enhanced Siren
8	9	Alarm Cancelled
8	10	Rf Transmitter Missing
8	11	RF Transmitter Low Battery
8	12	RF Receiver Jamming
8	13	Fire Alarm Only
8	14	Personal Alarm

Polarity

Option	Polarity	Option	Polarity
0	Output Disabled		
1	Normally Open, Going Low (No Time Parameters)	8	Normally Low, Going Open (No Time Parameters)
2	Normally Open, Latching Low (Resets Command 54)	9	Normally Low, Latching Open (Resets Command 54)
3	Toggle Relay State		
4	Normally Open, Pulsing Low	10	Normally Low Pulsing Open
5	Normally Open, One Shot Low (Full Duration)	11	Normally Low, One Shot Open (Full Duration)
6	Normally Open, One Shot Low (Retrigger)	12	Normally Low, One Shot Open (Retrigger)
7	Normally Open, One Shot Low (Can Reset)	13	Normally Low, One Shot Open (Can Reset)

Pulse Mode Table

Time Base	On Time	Time Multiplier	Off Time	Increments	Tolerance
0	0	N/A	N/A	N/A	N/A
1	200 ms	01 - 99	200 ms - 19.8 Sec	200 ms	+/- 200 ms
2	1 Sec	01 - 99	1 - 99 Sec	1 Sec	+/- 1 Sec
3	1 Min	01 - 99	1 - 99 Min	1 Min	+/- 1 Min
4	1 Hr	01 - 99	1 - 99 Hr	1 Hr	+/- 1 Hr

One Shot Mode Table

Time Base	ON Time	OFF Time	Increments	Tolerance
0	N/A	N/A	N/A	N/A
1	200 ms	200 - 19.8 ms	200 ms	+/- 200 ms
2	1 Second	1 - 99 Seconds	1 Second	+/- 1 Second
3	1 Minute	1 - 99 Minutes	1 Minute	+/- 1 Minute
4	1 Hour	1 - 99 Hours	1 Hour	+/- 1 Hour

Output 1	Address 1044	1045/1046	1047	1048	1049/1050	Output 2	Address 1051	1052/1053	1054	1055	1056/1057
	Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0		Area Assignment 1	Event Type 1 10	Polarity 7	Time Base 0	Multiplier 0 0
Default: Disabled						Default: (Speaker) Alarm All Modes					
Output 3	Address 1058	1059/1060	1061	1062	1063/1064	Output 4	Address 1065	1066/1067	1068	1069	1070/1071
	Area Assignment 1	Event Type 1 10	Polarity 7	Time Base 0	Multiplier 0 0		Area Assignment 1	Event Type 1 6	Polarity 1	Time Base 0	Multiplier 0 0
Default: (Piezo) Alarm All Modes						Default: Strobe					
Output 5	Address 1072	1073/1074	1075	1076	1077/1078	Output 6	Address 1079	1080/1081	1082	1083	1084/1085
	Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0		Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0
Output 7	Address 1086	1087/1088	1089	1090	1091/1092	Output 8	Address 1093	1094/1095	1096	1097	1098/1099
	Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0		Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0
Output 9	Address 1100	1101/1102	1103	1104	1105/1106	Output 10	Address 1107	1108/1109	1110	1111	1112/1113
	Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0		Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0
Output 11	Address 1114	1115/1116	1117	1118	1119/1120	Output 12	Address 1121	1122/1123	1124	1125	1126/1127
	Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0		Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0
Output 13	Address 1128	1129/1130	1131	1132	1133/1134	Output 14	Address 1135	1136/1137	1138	1139	1140/1141
	Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0		Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0
Output 15	Address 1142	1143/1144	1145	1146	1147/1148	Output 16	Address 1149	1150/1151	1152	1153	1154/1155
	Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0		Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0
Output 17	Address 1156	1157/1158	1159	1160	1161/1162	Output 18	Address 1163	1164/1165	1166	1167	1168/1169
	Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0		Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0
Output 19	Address 1170	1171/1172	1173	1174	1175/1176	Output 20	Address 1177	1178/1179	1180	1181	1182/1183
	Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0		Area Assignment 1	Event Type 0 0	Polarity 1	Time Base 0	Multiplier 0 0

Address 1184 – 1247

Skeds

Type
0 = Sked Disabled
1 = Auto Arm - Away
2 = Auto Arm - Stay
3 = Auto Arm - Stay 2
4 = Auto Off
5 = Auto Output On
6 = Auto Output Off

Assign		
1 = Area 1 or Output 1	6 = Output 6	11 = Output 11
2 = Area 2 or Output 2	7 = Output 7	12 = Output 12
3 = Area 3 or Output 3	8 = Output 8	13 = Output 13
4 = Area 4 or Output 4	9 = Output 9	14 = Output 14
5 = Output 5	10 = Output 10	15 = Output 15

Time
Hour Of The Day (Tens Digit)
Hour Of The Day (Units Digit)
Minute Of The Day (Tens Digit)
Minute Of The Day (Units Digit)

Option 1
1 = Every Day
2 = Monday
4 = Tuesday
8 = Wednesday

Option 2
1 = Thursday
2 = Friday
4 = Saturday
8 = Sunday

Sked #1

Address	1184	1185	1186 - 1189	1190	1191
	Type	Assign	Time	Option 1	Option 2

Sked #2

Address	1192	1193	1194 - 1197	1198	1199
	Type	Assign	Time	Option 1	Option 2

Sked #3

Address	1200	1201	1202 - 1205	1206	1207
	Type	Assign	Time	Option 1	Option 2

Sked #4

Address	1208	1209	1210 - 1213	1214	1215
	Type	Assign	Time	Option 1	Option 2

Sked #5

Address	1216	1217	1218 - 1221	1222	1223
	Type	Assign	Time	Option 1	Option 2

Sked #6

Address	1224	1225	1226 - 1229	1230	1231
	Type	Assign	Time	Option 1	Option 2

Sked #7

Address	1232	1233	1234 - 1237	1238	1239
	Type	Assign	Time	Option 1	Option 2

Sked #8

Address	1240	1241	1242 - 1245	1246	1247
	Type	Assign	Time	Option 1	Option 2

Address 1249

RF Receiver Options

0 = No RF Receivers Programmed
 1 = Receiver 1 Connected (Address 50)
 2 = Receiver 2 Connected (Address 51)
 4 = Disable RF Loop Tamper
 8 = Reserved

0

Address 1250

**RF Receiver
Supervision Interval**

1 = 1 Hour
 2 = 2 Hours
 3 = 4 Hours
 4 = 12 Hours
 5 = 24 Hours

5

Address 1251

**RF Receiver
Jam Detect Configuration**

0 = Always Detect Jamming / 15 Detect Least Jamming

9

Address 1253

**DX4010 – RS232 Serial Interface
Supervision Options**

0 = No Options
 1 = RS232 Output In 'Log' Format For Printer
 2 = RS232 Output In 'GSP' (Gateway Serial Protocol)
 4 = Reserved
 8 = Reserved

0

Address 1254

**DX4010 - RS232 Serial
Interface
Configuration Baud Rate**

0 = Reserved 3 = 4800
 1 = 1200 4 = 9600
 2 = 2400 5 = 14400

2

Address 1255

DX4010 - RS232 Interface Configuration, Parity-Flow Control-Stop Bit

Option	No Parity	Odd Parity	Even Parity	Software Flow control	Hardware Flow Control	1 Stop Bit	2 Stop Bits
0	Yes			Yes		Yes	
1	Yes				Yes	Yes	
2	Yes			Yes			Yes
3	Yes				Yes		Yes
4		Yes		Yes		Yes	
5		Yes			Yes	Yes	
6			Yes	Yes		Yes	
7			Yes		Yes	Yes	

0

Address 1256

**DX8010 DTMF Telephone
Command Module**

0 = Reserved

0

Address 1257 - 1261

DX2010 Configuration**Options****Polarity**

Option	Debounce Time	Option	Wiring Selection
0	300ms debounce time	+ 0	Tamper wired EOL
1	150ms debounce time	+4	Single 2k2 EOL resistor
2	75ms debounce time	+8	Single 2k2 EOL, 30%zones
3	30ms debounce time	+12	Reserved

Address 101

Value = Option Debounce Time +Option Wiring Selection

1257

5

Address 102

Value = Option Debounce Time +Option Wiring Selection

1258

5

Address 103

Value = Option Debounce Time +Option Wiring Selection

1259

5

Address 104

Value = Option Debounce Time +Option Wiring Selection

1260

5

Address 105

Value = Option Debounce Time +Option Wiring Selection

1261

5

Address 1265

**AC Fail & Ground Fault
Trouble Tone**

0 = No Options Programmed
 1 = AC Fail Trouble Tone Allowed
 2 = Ground Fault Display and Trouble Tone Allowed
 4 = Reserved
 8 = Reserved

0

Keypad Text (V1.53A+)

Address 1266 - 1297

Call For Service Text

Default = Blank

P r e s s 0 t o V i e w

Address 1298 - 1329

A-Key Text

Default = A Key Text

A K e y T e x t

Address 1330 - 1361

B-Key Text

Default = B Key Text

B K e y T e x t

Address 1362 - 1393

B-Key Text

Default = C Key Text

C K e y T e x t

Address 1394 - 1425

Area 1 Name Text

Default = SOLUTION 40

S o l u t i o n 4 0

Address 1426 - 1457

Area 1 Idle Text

Default = Not Ready

N o t R e a d y

Address 1458 - 1489

Area 2 Name Text

Default = SOLUTION 40

S o l u t i o n 4 0

Address 1490 - 1521

Area 2 Idle Text

Default = Not Ready

N o t R e a d y

Address 1522 - 1553

Area 3 Name Text

Default = SOLUTION 40

S o l u t i o n 4 0

Address 1554 - 1585

Area 3 Idle Text

Default = Not Ready

N o t R e a d y

Address 1586 - 1617

Area 4 Name Text

Default = SOLUTION 40

S o l u t i o n 4 0

Address 1618 - 1649

Area 4 Idle Text

Default = Not Ready

N o t R e a d y

Address 1650 - 1681

Location 1 Text

Default = Zone 1

					Z	o	n	e		1							
--	--	--	--	--	---	---	---	---	--	---	--	--	--	--	--	--	--

Address 1682 - 1713

Location 2 Text

Default = Zone 2

					Z	o	n	e		2							
--	--	--	--	--	---	---	---	---	--	---	--	--	--	--	--	--	--

Address 1714 - 1745

Location 3 Text

Default = Zone 3

					Z	o	n	e		3							
--	--	--	--	--	---	---	---	---	--	---	--	--	--	--	--	--	--

Address 1746 - 1777

Location 4 Text

Default = Zone 4

					Z	o	n	e		4							
--	--	--	--	--	---	---	---	---	--	---	--	--	--	--	--	--	--

Address 1778 - 1809

Location 5 Text

Default = Zone 5

					Z	o	n	e		5							
--	--	--	--	--	---	---	---	---	--	---	--	--	--	--	--	--	--

Address 1810 - 1841

Location 6 Text

Default = Zone 6

					Z	o	n	e		6							
--	--	--	--	--	---	---	---	---	--	---	--	--	--	--	--	--	--

Address 1842 - 1873

Location 7 Text

Default = Zone 7

					Z	o	n	e		7							
--	--	--	--	--	---	---	---	---	--	---	--	--	--	--	--	--	--

Address 1874 - 1905

Location 8 Text

Default = Zone 8

					Z	o	n	e		8							
--	--	--	--	--	---	---	---	---	--	---	--	--	--	--	--	--	--

Address 1906 - 1937

Location 9 Text

Default = Zone 9

					Z	o	n	e		9							
--	--	--	--	--	---	---	---	---	--	---	--	--	--	--	--	--	--

Address 1938 - 1969

Location 10 Text

Default = Zone 10

					Z	o	n	e		1	0						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 1970 - 2001

Location 11 Text

Default = Zone 11

					Z	o	n	e		1	1						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2002 - 2033

Location 12 Text

Default = Zone 12

					Z	o	n	e		1	2						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2034 - 2065

Location 13 Text

Default = Zone 13

					Z	o	n	e		1	3						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2066 - 2097

Location 14 Text

Default = Zone 14

					Z	o	n	e		1	4						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2098 - 2129

Location 15 Text

Default = Zone 15

					Z	o	n	e		1	5						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2130 - 2161

Location 16 Text

Default = Zone 16

					Z	o	n	e		1	6						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2162 - 2193

Location 17 Text

Default = Zone 17

					Z	o	n	e		1	7						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2194 - 2225

Location 18 Text

Default = Zone 18

					Z	o	n	e		1	8						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2226 - 2257

Location 19 Text

Default = Zone 19

					Z	o	n	e		1	9						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2258 - 228

Location 20 Text

Default = Zone 20

					Z	o	n	e		2	0						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2290 - 2321

Location 21 Text

Default = Zone 21

					Z	o	n	e		2	1						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2322 - 2353

Location 22 Text

Default = Zone 22

					Z	o	n	e		2	2						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2354 - 2385

Location 23 Text

Default = Zone 23

					Z	o	n	e		2	3						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2386 - 2417

Location 24 Text

Default = Zone 24

					Z	o	n	e		2	4						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2418 - 2449

Location 25 Text

Default = Zone 25

					Z	o	n	e		2	5						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2450 - 2481

Location 26 Text

Default = Zone 26

					Z	o	n	e		2	6						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2482 - 2513

Location 27 Text

Default = Zone 27

					Z	o	n	e		2	7						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2514 - 2545

Location 28 Text

Default = Zone 28

					Z	o	n	e		2	8						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2546 - 2577

Location 29 Text

Default = Zone 29

					Z	o	n	e		2	9						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2578 - 2609

Location 30 Text

Default = Zone 30

					Z	o	n	e		3	0						
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--	--

Address 2610 - 2641

Location 31 Text

Default = Zone 31

					Z	o	n	e		3	1					
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--

Address 2642 - 2673

Location 32 Text

Default = Zone 32

					Z	o	n	e		3	2					
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--

Address 2674 - 2705

Location 33 Text

Default = Zone 33

					Z	o	n	e		3	3					
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--

Address 2706 - 2737

Location 34 Text

Default = Zone 34

					Z	o	n	e		3	4					
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--

Address 2738 - 2769

Location 35 Text

Default = Zone 35

					Z	o	n	e		3	5					
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--

Address 2770 - 2801

Location 36 Text

Default = Zone 36

					Z	o	n	e		3	6					
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--

Address 2802 - 2833

Location 37 Text

Default = Zone 37

					Z	o	n	e		3	7					
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--

Address 2834 - 2865

Location 38 Text

Default = Zone 38

					Z	o	n	e		3	8					
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--

Address 2866 - 2897

Location 39 Text

Default = Zone 39

					Z	o	n	e		3	9					
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--

Address 2898 - 2929

Location 40 Text

Default = Zone 40

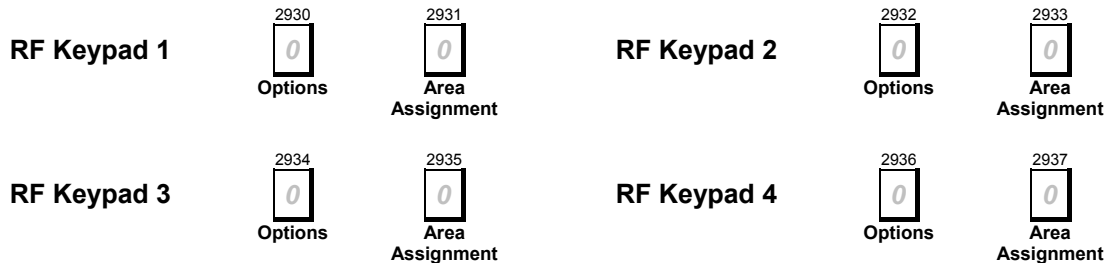
					Z	o	n	e		4	0					
--	--	--	--	--	---	---	---	---	--	---	---	--	--	--	--	--

Address 2930 – 2937

RF Keypad Options / Assignment (Future Release)

Keypad Options
0 = Disabled
1 = Reserved
2 = Assigned To RF Receiver 2
4 = Supervised
8 = Reserved

RF Keypad Area Assignment
0 = Disabled
1 = Assigned To Area 1
2 = Assigned To Area 2
3 = Assigned To Area 3
4 = Assigned To Area 4



Address 2938

Keyfob Receiver Assignment Options

- 0 = Assigned To RF Receiver 1
- 1 = Assign Keyfobs 01 - 08 To Receiver 2
- 2 = Assign Keyfobs 09 - 16 To Receiver 2
- 4 = Assign Keyfobs 17 - 24 To Receiver 2
- 8 = Assign Keyfobs 25 - 32 To Receiver 2

8

Address 2939

Keyfob Options (V1.53A+)

- 0 = Disabled
- 1 = 'Panic' Alarm Allowed
- 2 = Audible Alarm Allowed For 'Panic'
- 4 = Assign 'O' (Trapezoid) Key To Stay
- 8 = Assign 'P' (Sun) Key To Stay 2

7

Address 2944

Return To Factory Default

Program A 1 Into This address To Reset Back To Factory Default Settings

0

Address 3406

Tamper Alarm / Trouble Configuration (V1.53A+)

- 0 = No trouble or restoral reports
- 1 = Tamper Alarms when Armed
- 2 = Tamper alarms when Disarmed
- 4 = Send Tamper Trouble Reports
- 8 = Send Tamper Trouble Restoral Reports

15

Address 3407

System Alarm Reports Configuration

- 0 = No System Tamper Alarm Reports, Alarm Output
- 1 = Send System Tamper Alarm Reports
- 2 = Send System Tamper Alarm Restoral Reports
- 4 = Enable System Tamper Alarm Output
- 8 = Reserved

7

Address 3408

Tamper Reset / Arming Options

- 0 = No Tamper Reset / Arming Options
- 1 = Allow User Reset of Tamper / Troubles
- 2 = Allow Force Arming of Tamper / Troubles
- 4 = Reserved
- 8 = Reserved

3

Address 3409

Contact Set / Exit Delay Cancel Zone Options

- 0 = No Contact Set Arming
- 1 = Enable Contact Set in Area 1
- 2 = Enable Contact Set in Area 2
- 4 = Enable Contact Set in Area 3
- 8 = Enable Contact Set in Area 4

1

Address 3410

Exit Terminator Areas

0 = No Exit Terminator Arming
 1 = Enable Exit Terminator Arming in Area 1
 2 = Enable Exit Terminator Arming in Area 2
 4 = Enable Exit Terminator Arming in Area 3
 8 = Enable Exit Terminator Arming in Area 4

0

Address 3411

Panel Arming Options

(V1.53A+)

0 = No Panel Arming Options
 1 = Enable Bad Set Operation
 2 = Panel is Unset during Exit Delay
 4 = Start Exit Delay with Faulted Zones
 8 = Reserved

6

Address 3412 - 3413

Verified Alarm Timer

(V1.53A+)

Address 3412 = Increments Of 16 Minutes
 Address 3413 = Increments Of 1 Minute

00

Address 3414 - 3429

Personal Dialing Format Configuration

Options	Area Assignment
0 = No Report Sent	9 = 3 beeps, pause, 1 beep
1 = 1 beep	10 = 4beeps
2 = 1 beep, pause, 1 beep	11 = 1 beep, pause, 4 beeps
3 = 2 beeps	12 = 2 beeps, pause, 3 beeps
4 = 1 beep ,pause, 2 beeps	13 = 3 beeps, pause, 2 beeps
5 = 2 beeps, pause, 1 beep	14 = 4 beeps, pause, 1 beep
6 = 3 beeps	15 = 5 beeps
7 = 1 beep, pause, 3beeps	
8 = 2 beeps, pause, 2 beeps	

Duress

Address

3414
3**Non-Fire Trouble**3419
0**Open / Close**3423
0**Bypass**3428
0**Fire Alarm**

Address

3415
1**Fire Restoral**3420
0**Installer Mode**3424
0**Output Reports**3429
0**Non-Fire Alarm**

Address

3416
2**Non-Fire Restoral**3421
0**System Fault**3425
0**Fire Trouble**

Address

3418
0**RF Trouble**3422
0**Test Report**3426
0

Wiring Diagram

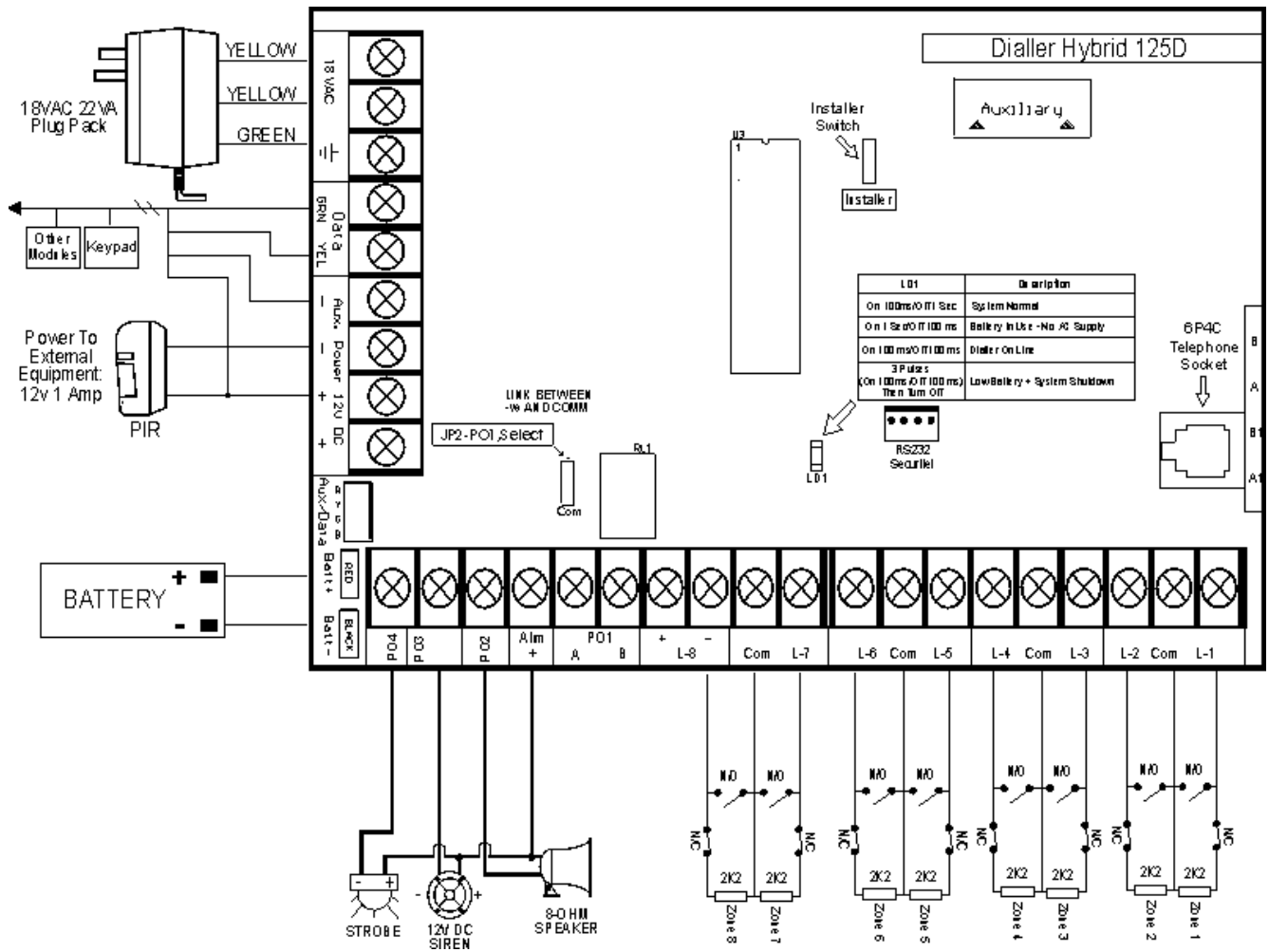


Figure 1: Solution 40 Wiring Diagram



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