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Notes:

Introduction

Features

Allows compatible alarm control panels to be connected to a DVACS communications network.

Module Specifications

- 4 wire (QUAD) hook-up to keybus
- Normal current draw of 35 mA
- Tamper and Trouble reporting codes
- Maximum cable length: 61m (200 ft)

PC5400 connected to a DVACS network

- Automatic programming for DVACS function bytes and reporting codes.
- Programmable response type to all calls
- Monitoring for DVACS line fault
- Module self diagnostics

Compatible Products

- PC5015
- PC5010
- PC5008
- PC1575
- PC1555
- PC580

Installation

Mounting the Cabinet

When mounting a new cabinet for the PC5400, select a dry location close to the F1/F2 subset.

To mount the PC5400:

1. Press the four white circuit board stand-offs into the raised mounting holes from the back of the cabinet.
2. Hold the cabinet in position and pull the wires into the cabinet.
3. Mount the cabinet securely to the wall using the mounting screws provided. Use the appropriate wall anchors when securing the panel to the drywall, plaster, concrete, brick or other similar surfaces.
4. With the cabinet mounted press the PC5400 module into the stand-offs.

Wiring

Refer to the Hook-up Diagram included in this manual.

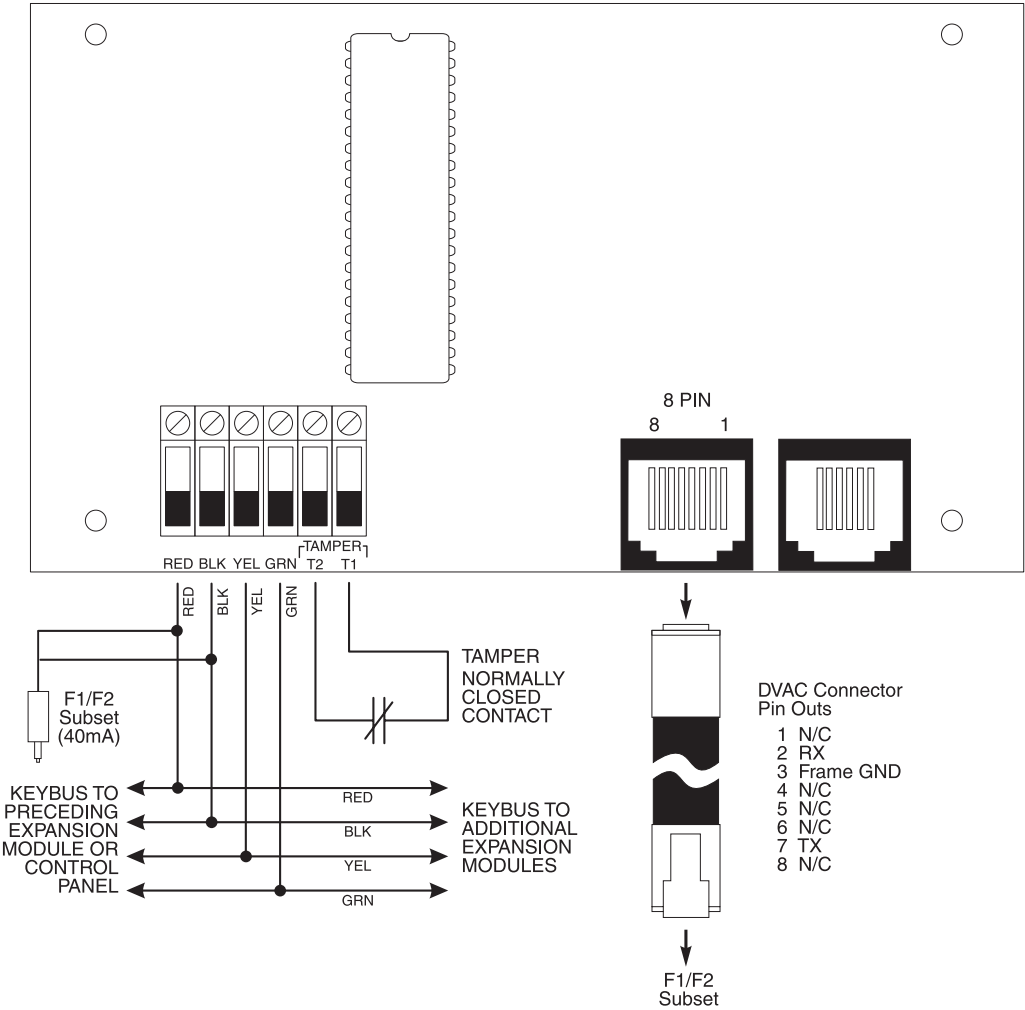
RED, BLK, YEL and GRN Terminals

Connect the RED, BLK, YEL and GRN terminals to the RED, BLK, YEL and GRN terminals on the control panel. Refer to the control panel Installation Manual for complete instructions on keybus wiring.

T1 and T2

Connect T1 and T2 to a normally closed switch that will be used to monitor tampers. If no tamper switch is desired place a wire between T1 and T2.

PC5400 Hook-up Diagram



Programming Section Descriptions

If you will be connecting the PC5400 to a PC5010, PC5015, PC1555 or PC580 control panel, access the PC5400 programming sections at a system keypad by entering [*][8][Installer's Code][803]. Then enter the 2-digit number of the section you want to program.

If you will be connecting the PC5400 to a PC1575, access the PC5400 programming sections at a system keypad by entering [*][8][Installer's Code][87]. Then enter the 2-digit number of the section you want to program.

Sections [10-13] Wireless & Miscellaneous Reporting Codes

Program the DVACS reporting codes in these sections (see DVACS Transmission Table for Transmission Codes):

- To have the PC5400 transmit a pre-programmed code from the internal table, leave the programming at the default value FF. Default reporting codes are listed in the Appendices B and C.
- To prevent the PC5400 from reporting an event, program the code as 00.
- To have the PC5400 transmit a different code, program a value from 01-FE.

Sections [20-23] Wireless & Miscellaneous Reporting Types

By programming the Reporting Types sections, you can add additional information to each transmission.

For example, you can program the reporting *code* for zone 1 as 01 and the reporting *type* for zone 1 as 00, to indicate that zone 1 is a fire zone. Refer to the DVACS Reporting Type tables on pages 24-27.

- To have the PC5400 transmit a pre-programmed code from the internal table, leave the programming at the default value FF. Default reporting types are listed in the Appendix A.
- To have the PC5400 transmit a different code, program a value from 00-7F.

NOTE: Do not program values above 7F.

Sections [36-39] Zone Definitions

Make sure that the zone definitions match those programmed in the control panel.

Section [40] DVACS ID Code

Program the DVACS ID code in this section. This code identifies a PC5400 module on a DVACS subset, specifying which poll from a F2 node the module will respond to. Valid entries are 01 - F0.

Section [41] All Call Select

Use this section to program which all call response the PC5720 will have. The options are:

- (00) no response on any all call
- (01) response on all call #1 only
- (02) response on all call #2 only
- (03) response on both all calls
- (04) modules with odd-numbered ID codes (see section 40) respond to All Call #1. Modules with even-numbered ID codes respond to All Call #2. (E.g. a module with ID code 03 will respond to All Call #1. A module with ID code 04 will respond to All Call #2.)

Section [42] Miscellaneous (Transmission) Options

Option 1: Turn this option ON to have the PC5400 send alarms during an all call. Turn this option OFF to have the PC5400 send alarms and restorals during an all call.

Option 2: Turn this option ON to have the PC5400 report which zones have been bypassed. Turn this option OFF for prevent the PC5400 from reporting which zones have been bypassed.

Option 3: Turn this option ON to have the PC5400 report openings and closings. Turn this option OFF to prevent the PC5400 from reporting openings and closings.

Sections [43-68] Reporting Codes

Program the DVACS reporting codes in these sections (see DVACS Transmission Table for Transmission Codes):

- To have the PC5400 transmit a pre-programmed code from the internal table, leave the programming at the default value FF. Default reporting codes are listed in the Appendices B and C.
- To prevent the PC5400 from reporting an event, program the code as 00.
- To have the PC5400 transmit a different code, program a value from 01-FE.

Sections [69-94] Reporting Types

By programming the Reporting Types sections, you can add additional information to each transmission.

For example, you can program the reporting *code* for zone 1 as 01 and the reporting *type* for zone 1 as 00, to indicate that zone 1 is a fire zone. Refer to the DVACS Reporting Type tables on pages 24-27.

- To have the PC5400 transmit a pre-programmed code from the internal table, leave the programming at the default value FF. Default reporting types are listed in the Appendix A.
- To have the PC5400 transmit a different code, program a value from 00-7F.

NOTE: Do not program values above 7F.

NOTE: If you change any of the above options from the default settings, test the PC5400 to make sure it is operating as desired.

Programming Worksheets

PC5010, PC5015, PC5008, PC1555, PC580 Programming Sections

(see page 20 for PC1575 programming sections)

If you will be connecting the PC5400 to a PC5010, PC5015, PC1555 or PC580 control panel, access the PC5400 programming sections at a system keypad by entering [*][8][Installer's Code][803]. Then enter the 2-digit number of the section you want to program.

[10] Handheld Keypad Low Battery Reporting Codes

Default

FF Handheld Keypad #1
FF Handheld Keypad #2
FF Handheld Keypad #3
FF Handheld Keypad #4

Default

FF Fo t e e
FF Fo t e e
FF Fo t e e
FF Fo t e e

[11] Wireless Key 1-8 Low Battery Reporting Codes

Default

FF Wireless Key #1
FF Wireless Key #2
FF Wireless Key #3
FF Wireless Key #4

Default

FF Wireless Key #5
FF Wireless Key #6
FF Wireless Key #7
FF Wireless Key #8

[12] Wireless Key 9-16 Low Battery Reporting Codes

Default

FF Wireless Key #9
FF Wireless Key #10
FF Wireless Key #11
FF Wireless Key #12

Default

FF Wireless Key #13
FF Wireless Key #14
FF Wireless Key #15
FF Wireless Key #16

[13] Miscellaneous Option Reporting Codes

Default

FF Police Code
FF Delinquency Code
FF Late to Close
FF Event Buffer 75% Full

Default

FF Fo t e e
FF Fo t e e
FF Fo t e e
FF Fo t e e

[20] Handheld Keypad Low Battery Reporting Types

Default

FF Handheld Keypad #1
FF Handheld Keypad #2
FF Handheld Keypad #3
FF Handheld Keypad #4

Default

FF Fo t e e
FF Fo t e e
FF Fo t e e
FF Fo t e e

[21] Wireless Key 1-8 Low Battery Reporting Types**Default**

FF Wireless Key #1
FF Wireless Key #2
FF Wireless Key #3
FF Wireless Key #4

Default

FF Wireless Key #5
FF Wireless Key #6
FF Wireless Key #7
FF Wireless Key #8

[22] Wireless Key 9-16 Low Battery Reporting Types**Default**

FF Wireless Key #9
FF Wireless Key #10
FF Wireless Key #11
FF Wireless Key #12

Default

FF Wireless Key #13
FF Wireless Key #14
FF Wireless Key #15
FF Wireless Key #16

[23] Miscellaneous Option Reporting Types**Default**

FF Police Code
FF Delinquency Code
FF Late to Close
FF Event Buffer 75% Full

Default

FF Fo t e e
FF Fo t e e
FF Fo t e e
FF Fo t e e

ZONE DEFINITIONS

00 Null Zone (Not Used)	10 24-Hour Supervisory Buzzer	20 24-Hour Freeze
01 Delay 1	11 24-Hour Burglary	21 24-Hour Latching Tamper
02 Delay 2	12 24-Hour Holdup	22 Momentary Keyswitch Arm
03 Instant	13 24-Hour Gas	23 Maintained Keyswitch Arm
04 Interior	14 24-Hour Heat	24 LINKS Answer
05 Interior, Home-Away	15 24-Hour Medical	25*Interior Delay
06 Delay, Home-Away	16 24-Hour Panic	26*24-Hour Non-Alarm
07 Delayed 24-Hour Fire (Hardwired)	17 24-Hour Emergency	87 Delayed 24-Hour Fire (Wireless)
08 Standard 24-Hour Fire (Hardwired)	18 24-Hour Sprinkler	88 Standard 24-Hour Fire (Wireless)
09 24-Hour Supervisory (LINKS)	19 24-Hour Water	

*25 for v2.1 and higher control panels only

**26 for v2.2 and higher control panels only

[36] Zone 1-8 Definitions**Default**

01 Zone 1
03 Zone 2
03 Zone 3
03 Zone 4

Default

04 Zone 5
04 Zone 6
04 Zone 7
04 Zone 8

[37] Zone 9-16 Definitions

Default

00 ☐ ☐ Zone 9
00 ☐ ☐ Zone 10
00 ☐ ☐ Zone 11
00 ☐ ☐ Zone 12

Default

00 ☐ ☐ Zone 13
00 ☐ ☐ Zone 14
00 ☐ ☐ Zone 15
00 ☐ ☐ Zone 16

[38] Zone 17-24 Definitions

Default

00 ☐ ☐ Zone 17
00 ☐ ☐ Zone 18
00 ☐ ☐ Zone 19
00 ☐ ☐ Zone 20

Default

00 ☐ ☐ Zone 21
00 ☐ ☐ Zone 22
00 ☐ ☐ Zone 23
00 ☐ ☐ Zone 24

[39] Zone 25-32 Definitions

Default

00 ☐ ☐ Zone 25
00 ☐ ☐ Zone 26
00 ☐ ☐ Zone 27
00 ☐ ☐ Zone 28

Default

00 ☐ ☐ Zone 29
00 ☐ ☐ Zone 30
00 ☐ ☐ Zone 31
00 ☐ ☐ Zone 32

[40] ID Code

Default

00 ☐ ☐

[41] All Call Select

Default

01 ☐ ☐

- | | |
|----|--|
| 00 | No response on All Call |
| 01 | Response on All Call #1 only |
| 02 | Response on All Call #2 only |
| 03 | Response on both All Calls |
| 04 | Modules with odd-numbered ID codes (see section 40) respond to All Call #1. Modules with even-numbered ID codes respond to All Call #2. (E.g. a module with ID code 03 will respond to All Call #1. A module with ID code 04 will respond to All Call #2.) |

[42] Miscellaneous Options

Default

ON ☐ **Option 1**

ON ☐ **Option 2**

ON ☐ **Option 3**

OFF ☐ **Option 4 -8**

Option ON

All Call Sends Alarms Only

Zone Bypass Report Enabled

Openings/Closings Enabled

For future use

Option OFF

All Call Sends Alarms & Restorals

Zone Bypass Report Disabled

Openings/Closings Disabled

[43] First SG-DVACS Reporting Codes**Default**

FF Duress Alarm
FF Keypad [F] Key Alarm / Restore
FF Keypad [A] Key Alarm / Restore
FF Keypad [P] Key Alarm / Restore

Default

FF Aux. Input Alarm / Restore
FF PC5132 Tamper / Restore
FF PC5208 Tamper / Restore
FF PC5204 Tamper / Restore

[44] Second SG-DVACS Reporting Codes**Default**

FF PC5400 Tamper / Restore
FF LINKS Module Tamper / Restore
FF Battery Trouble / Restore
FF AC Trouble / Restore

Default

FF Bell Circuit Trouble / Restore
FF Fire Trouble Alarm / Restore
FF Aux Power Trouble / Restore
FF TLM (LINKS) Trouble / Restore

[45] Third SG-DVACS Reporting Codes**Default**

FF Phone Number 1 Trouble / Restore
FF Phone Number 2 Trouble / Restore
FF DLS Lead Out Failed
FF Keybus Fault / Restore

Default

FF Critical Shutdown
FF PC5204 AC Trbl / Rest
FF PC5204 Battery Trbl / Rest
FF PC5204 Aux Power Trbl / Rest

[46] Fourth SG-DVACS Reporting Codes**Default**

FF PC5204 Output Fault / Restore
FF Downlook Module Supv./Restore
FF PC5132 Supervisory Fault / Restore
FF PC5208 Supervisory Fault / Restore

Default

FF PC5204 Supv. Fault / Rest
FF PC5400 Supv. Fault / Rest
FF Alt. Comm (LINKS) Supv Flt/Rest
FF PC59XX Supv. Fault / Rest

[47] Fifth SG-DVACS Reporting Codes**Default**

FF ESCORT 5580 Supv Fault / Restore
FF Keypad Lockout
FF Remote ESCORT Access
FF DLS Lead In / Lead Out

Default

FF System Test
FF Installer Lead In / Lead Out
FF Cold Start
FF Warm Start

[48] Sixth SG-DVACS Reporting Codes**Default**

FF Swinger Shutdown
FF S-A Mode / Activate S-A Zones
FF Opening After Alarm
FF Recent Closing

Default

FF Auto Arm Cancellation
FF Partial Closing
FF Bell Supervisory (PC5720)
FF Dwnlook Module Remote Trigger

[49] Zone 1-8 Alarm / Restore / Bypass Reporting Codes

Default

FF Zone 1
FF Zone 2
FF Zone 3
FF Zone 4

Default

FF Zone 5
FF Zone 6
FF Zone 7
FF Zone 8

[50] Zone 9-16 Alarm / Restore / Bypass Reporting Codes

Default

FF Zone 9
FF Zone 10
FF Zone 11
FF Zone 12

Default

FF Zone 13
FF Zone 14
FF Zone 15
FF Zone 16

[51] Zone 17-24 Alarm / Restore / Bypass Reporting Codes

Default

FF Zone 17
FF Zone 18
FF Zone 19
FF Zone 20

Default

FF Zone 21
FF Zone 22
FF Zone 23
FF Zone 24

[52] Zone 25-32 Alarm / Restore / Bypass Reporting Codes

Default

FF Zone 25
FF Zone 26
FF Zone 27
FF Zone 28

Default

FF Zone 29
FF Zone 30
FF Zone 31
FF Zone 32

[53] Zone 1-8 Tamper / Restore Reporting Codes

Default

FF Zone 1
FF Zone 2
FF Zone 3
FF Zone 4

Default

FF Zone 5
FF Zone 6
FF Zone 7
FF Zone 8

[54] Zone 9-16 Tamper / Restore Reporting Codes

Default

FF Zone 9
FF Zone 10
FF Zone 11
FF Zone 12

Default

FF Zone 13
FF Zone 14
FF Zone 15
FF Zone 16

[55] Zone 17-24 Tamper / Restore Reporting Codes

Default

FF Zone 17
FF Zone 18
FF Zone 19
FF Zone 20

Default

FF Zone 21
FF Zone 22
FF Zone 23
FF Zone 24

[56] Zone 25-32 Tamper / Restore Reporting Codes

Default

FF Zone 25
FF Zone 26
FF Zone 27
FF Zone 28

Default

FF Zone 29
FF Zone 30
FF Zone 31
FF Zone 32

[57] Zone 1-8 Trouble / Restore Reporting Codes

Default

FF Zone 1
FF Zone 2
FF Zone 3
FF Zone 4

Default

FF Zone 5
FF Zone 6
FF Zone 7
FF Zone 8

[58] Zone 9-16 Trouble / Restore Reporting Codes

Default

FF Zone 9
FF Zone 10
FF Zone 11
FF Zone 12

Default

FF Zone 13
FF Zone 14
FF Zone 15
FF Zone 16

[59] Zone 17-24 Trouble / Restore Reporting Codes

Default

FF Zone 17
FF Zone 18
FF Zone 19
FF Zone 20

Default

FF Zone 21
FF Zone 22
FF Zone 23
FF Zone 24

[60] Zone 25-32 Trouble / Restore Reporting Codes

Default

FF Zone 25
FF Zone 26
FF Zone 27
FF Zone 28

Default

FF Zone 29
FF Zone 30
FF Zone 31
FF Zone 32

[61] Zone 1-8 Low Battery / Restore Reporting Codes

Default

FF Zone 1
FF Zone 2
FF Zone 3
FF Zone 4

Default

FF Zone 5
FF Zone 6
FF Zone 7
FF Zone 8

[62] Zone 9-16 Low Battery / Restore Reporting Codes

Default

FF Zone 9
FF Zone 10
FF Zone 11
FF Zone 12

Default

FF Zone 13
FF Zone 14
FF Zone 15
FF Zone 16

[63] Zone 17-24 Low Battery / Restore Reporting Codes

Default

FF Zone 17
FF Zone 18
FF Zone 19
FF Zone 20

Default

FF Zone 21
FF Zone 22
FF Zone 23
FF Zone 24

[64] Zone 25-32 Low Battery / Restore Reporting Codes

Default

FF Zone 25
FF Zone 26
FF Zone 27
FF Zone 28

Default

FF Zone 29
FF Zone 30
FF Zone 31
FF Zone 32

[65] Keypad Tamper / Restore Reporting Codes

Default

FF Keypad 1
FF Keypad 2
FF Keypad 3
FF Keypad 4

Default

FF Keypad 5
FF Keypad 6
FF Keypad 7
FF Keypad 8

[66] Zone Expander Tamper / Restore Reporting Codes

Default

FF Zone Expander 1
FF Zone Expander 2
FF Zone Expander 3
FF Zone Expander 4

Default

FF Zone Expander 5
FF Zone Expander 6
FF PC5100
FF **For future use**

[67] Keypad Supervisory / Restore Reporting Codes

Default

FF Keypad 1
FF Keypad 2
FF Keypad 3
FF Keypad 4

Default

FF Keypad 5
FF Keypad 6
FF Keypad 7
FF Keypad 8

[68] Zone Expander Supervisory / Restore Reporting Codes

Default

FF Zone Expander 1
FF Zone Expander 2
FF Zone Expander 3
FF Zone Expander 4

Default

FF Zone Expander 5
FF Zone Expander 6
FF PC5100
FF Expander Module

Reporting Types - Refer to the Reporting Type Table

[69] Zone 1-8 Alarm / Restore / Bypass Reporting Types

Default

FF Zone 1
FF Zone 2
FF Zone 3
FF Zone 4

Default

FF Zone 5
FF Zone 6
FF Zone 7
FF Zone 8

[70] Zone 9-16 Alarm / Restore / Bypass Reporting Types

Default

FF Zone 9
FF Zone 10
FF Zone 11
FF Zone 12

Default

FF Zone 13
FF Zone 14
FF Zone 15
FF Zone 16

[71] Zone 17-24 Alarm / Restore / Bypass Reporting Types

Default

FF Zone 17
FF Zone 18
FF Zone 19
FF Zone 20

Default

FF Zone 21
FF Zone 22
FF Zone 23
FF Zone 24

[72] Zone 25-32 Alarm / Restore / Bypass Reporting Types

Default

FF Zone 25
FF Zone 26
FF Zone 27
FF Zone 28

Default

FF Zone 29
FF Zone 30
FF Zone 31
FF Zone 32

[73] Zone 1-8 Tamper / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 1
FF ☐ ☐ ☐ Zone 2
FF ☐ ☐ ☐ Zone 3
FF ☐ ☐ ☐ Zone 4

Default

FF ☐ ☐ ☐ Zone 5
FF ☐ ☐ ☐ Zone 6
FF ☐ ☐ ☐ Zone 7
FF ☐ ☐ ☐ Zone 8

[74] Zone 9-16 Tamper / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 9
FF ☐ ☐ ☐ Zone 10
FF ☐ ☐ ☐ Zone 11
FF ☐ ☐ ☐ Zone 12

Default

FF ☐ ☐ ☐ Zone 13
FF ☐ ☐ ☐ Zone 14
FF ☐ ☐ ☐ Zone 15
FF ☐ ☐ ☐ Zone 16

[75] Zone 17-24 Tamper / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 17
FF ☐ ☐ ☐ Zone 18
FF ☐ ☐ ☐ Zone 19
FF ☐ ☐ ☐ Zone 20

Default

FF ☐ ☐ ☐ Zone 21
FF ☐ ☐ ☐ Zone 22
FF ☐ ☐ ☐ Zone 23
FF ☐ ☐ ☐ Zone 24

[76] Zone 25-32 Tamper / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 25
FF ☐ ☐ ☐ Zone 26
FF ☐ ☐ ☐ Zone 27
FF ☐ ☐ ☐ Zone 28

Default

FF ☐ ☐ ☐ Zone 29
FF ☐ ☐ ☐ Zone 30
FF ☐ ☐ ☐ Zone 31
FF ☐ ☐ ☐ Zone 32

[77] Zone 1-8 Trouble / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 1
FF ☐ ☐ ☐ Zone 2
FF ☐ ☐ ☐ Zone 3
FF ☐ ☐ ☐ Zone 4

Default

FF ☐ ☐ ☐ Zone 5
FF ☐ ☐ ☐ Zone 6
FF ☐ ☐ ☐ Zone 7
FF ☐ ☐ ☐ Zone 8

[78] Zone 9-16 Trouble / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 9
FF ☐ ☐ ☐ Zone 10
FF ☐ ☐ ☐ Zone 11
FF ☐ ☐ ☐ Zone 12

Default

FF ☐ ☐ ☐ Zone 13
FF ☐ ☐ ☐ Zone 14
FF ☐ ☐ ☐ Zone 15
FF ☐ ☐ ☐ Zone 16

[79] Zone 17-24 Trouble / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 17
FF ☐ ☐ ☐ Zone 18
FF ☐ ☐ ☐ Zone 19
FF ☐ ☐ ☐ Zone 20

Default

FF ☐ ☐ ☐ Zone 21
FF ☐ ☐ ☐ Zone 22
FF ☐ ☐ ☐ Zone 23
FF ☐ ☐ ☐ Zone 24

[80] Zone 25-32 Trouble / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 25
FF ☐ ☐ ☐ Zone 26
FF ☐ ☐ ☐ Zone 27
FF ☐ ☐ ☐ Zone 28

Default

FF ☐ ☐ ☐ Zone 29
FF ☐ ☐ ☐ Zone 30
FF ☐ ☐ ☐ Zone 31
FF ☐ ☐ ☐ Zone 32

[81] Zone 1-8 Low Battery / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 1
FF ☐ ☐ ☐ Zone 2
FF ☐ ☐ ☐ Zone 3
FF ☐ ☐ ☐ Zone 4

Default

FF ☐ ☐ ☐ Zone 5
FF ☐ ☐ ☐ Zone 6
FF ☐ ☐ ☐ Zone 7
FF ☐ ☐ ☐ Zone 8

[82] Zone 9-16 Low Battery / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 9
FF ☐ ☐ ☐ Zone 10
FF ☐ ☐ ☐ Zone 11
FF ☐ ☐ ☐ Zone 12

Default

FF ☐ ☐ ☐ Zone 13
FF ☐ ☐ ☐ Zone 14
FF ☐ ☐ ☐ Zone 15
FF ☐ ☐ ☐ Zone 16

[83] Zone 17-24 Low Battery / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 17
FF ☐ ☐ ☐ Zone 18
FF ☐ ☐ ☐ Zone 19
FF ☐ ☐ ☐ Zone 20

Default

FF ☐ ☐ ☐ Zone 21
FF ☐ ☐ ☐ Zone 22
FF ☐ ☐ ☐ Zone 23
FF ☐ ☐ ☐ Zone 24

[84] Zone 25-32 Low Battery / Restore Reporting Types

Default

FF ☐ ☐ ☐ Zone 25
FF ☐ ☐ ☐ Zone 26
FF ☐ ☐ ☐ Zone 27
FF ☐ ☐ ☐ Zone 28

Default

FF ☐ ☐ ☐ Zone 29
FF ☐ ☐ ☐ Zone 30
FF ☐ ☐ ☐ Zone 31
FF ☐ ☐ ☐ Zone 32

[85] Keypad Tamper / Restore Reporting Types**Default**

FF Keypad 1
FF Keypad 2
FF Keypad 3
FF Keypad 4

Default

FF Keypad 5
FF Keypad 6
FF Keypad 7
FF Keypad 8

[86] Zone Expander Tamper / Restore Reporting Types**Default**

FF Zone Expander 1
FF Zone Expander 2
FF Zone Expander 3
FF Zone Expander 4

Default

FF Zone Expander 5
FF Zone Expander 6
FF PC5100
FF **For future use**

[87] Keypad Supervisory / Restore Reporting Types**Default**

FF Keypad 1
FF Keypad 2
FF Keypad 3
FF Keypad 4

Default

FF Keypad 5
FF Keypad 6
FF Keypad 7
FF Keypad 8

[88] Zone Expander Supervisory / Restore Reporting Types**Default**

FF Zone Expander 1
FF Zone Expander 2
FF Zone Expander 3
FF Zone Expander 4

Default

FF Zone Expander 5
FF Zone Expander 6
FF PC5100
FF Expander Module

[89] First DVACS Reporting Types**Default**

FF Duress Alarm
FF Keypad [F] Key Alarm / Restore
FF Keypad [A] Key Alarm / Restore
FF Keypad [P] Key Alarm / Restore

Default

FF PGM2 Input Alarm/Restore
FF PC5132 Tamper / Restore
FF PC5208 Tamper / Restore
FF PC5204 Tamper / Restore

[90] Second DVACS Reporting Types**Default**

FF PC5400 Tamper / Restore
FF LINKS Module Tamper / Restore
FF Battery Trouble / Restore
FF AC Trouble / Restore

Default

FF Bell Circuit Trouble / Restore
FF Fire Trouble Alarm / Restore
FF **For future use**
FF TLM (LINKS) Trouble / Restore

[91] Third DVACS Reporting Types

Default

FF ☐ Phone Number 1 Trouble / Restore
FF ☐ Phone Number 2 Trouble / Restore
FF ☐ DLS Lead Out Failed
FF ☐ Keybus Fault / Restore

Default

FF ☐ Critical Shutdown
FF ☐ PC5204 AC Trbl / Rest
FF ☐ PC5204 Battery Trbl / Rest
FF ☐ PC5204 Aux Power Trbl / Rest

[92] Fourth DVACS Reporting Types

Default

FF ☐ PC5204 Output Fault / Restore
FF ☐ Dwnlk Module Supervisory Fault
FF ☐ PC5132 Supervisory Fault / Restore
FF ☐ PC5208 Supervisory Fault / Restore

Default

FF ☐ PC5204 Supv. Fault / Rest
FF ☐ PC5400 Supv. Fault / Rest
FF ☐ LINKS Mod. Supv. Fault / Rest
FF ☐ PC59XX Supv. Fault / Rest

[93] Fifth DVACS Reporting Types

Default

FF ☐ ESCORT 5580 Supv Fault / Restore
FF ☐ Keypad Lockout
FF ☐ Remote ESCORT Access
FF ☐ DLS Lead In / Lead Out

Default

FF ☐ System Test
FF ☐ Installer Lead In / Lead Out
FF ☐ Cold Start
FF ☐ Warm Start

[94] Sixth DVACS Reporting Types

Default

FF ☐ Swinger Shutdown
FF ☐ H-A Mode / Activate H-A Zones
FF ☐ Opening After Alarm
FF ☐ Recent Closing

Default

FF ☐ Auto Arm Cancellation
FF ☐ Partial Closing
FF ☐ Bell Supervisory (PC5720)
FF ☐ Dwnlk Module Remote Trigger

PC1575 DVACS Programming

If you will be connecting the PC5400 to a PC1575, access the PC5400 programming sections at a system keypad by entering [*][8][Installer's Code][87]. Then enter the 2-digit number of the section you want to program.

ZONE DEFINITIONS

00 Null Zone (Not Used)	09 24 Hour Supervisory (Links)	18 24 Hour Sprinkler
01 Delay 1	10 24 Hour Supervisory Buzzer	19 24 Hour Water
02 Delay 2	11 24 Hour Burglary	20 24 Hour Freeze
03 Instant	12 24 Hour HEAT	21 24 Hour Latching Tamper
04 Interior	13 24 Hour Gas	
05 Interior, Home-Away	14 24 Hour Hold-Up	
06 Delay, Home-Away	15 24 Hour Medical	
07 Delayed 24 Hour Fire (Hardwired)	16 24 Hour Panic	
08 Standard 24 Hour Fire (Hardwired)	17 24 Hour Emergency	

[36] Zone 1-6 Definitions

Default	Default
01 <input type="text"/> <input type="text"/> <input type="text"/> Zone 1	03 <input type="text"/> <input type="text"/> <input type="text"/> Zone 5
06 <input type="text"/> <input type="text"/> <input type="text"/> Zone 2	03 <input type="text"/> <input type="text"/> <input type="text"/> Zone 6
03 <input type="text"/> <input type="text"/> <input type="text"/> Zone 3	<input type="text"/> <input type="text"/> <input type="text"/> For future use
03 <input type="text"/> <input type="text"/> <input type="text"/> Zone 4	<input type="text"/> <input type="text"/> <input type="text"/> For future use

[37] - [39] For future use

[40] ID Code

Default
00

[41] All Call Select

Default
01

- | | |
|----|--|
| 00 | No response on All Call |
| 01 | Response on All Call #1 only |
| 02 | Response on All Call #2 only |
| 03 | Response on both All Calls |
| 04 | Modules with odd-numbered ID codes (see section 40) respond to All Call #1. Modules with even-numbered ID codes respond to All Call #2. (E.g. a module with ID code 03 will respond to All Call #1. A module with ID code 04 will respond to All Call #2.) |

[42] Miscellaneous Options

Default		Option ON	Option OFF
ON	<input type="checkbox"/>	Option 1 All Call Sends Alarms Only	All Call Sends Alarms & Restorals
ON	<input type="checkbox"/>	Option 2 Zone Bypass Report Enabled	Zone Bypass Report Disabled
ON	<input type="checkbox"/>	Option 3 Openings/Closings Enabled	Openings/Closings Disabled
OFF	<input type="checkbox"/>	Option 4 - 6 For future use	

[43] First SG-DVACS Reporting Codes

Default		Default
FF	<input type="checkbox"/>	Duress Alarm
FF	<input type="checkbox"/>	PGM2 Alarm / Restore
FF	<input type="checkbox"/>	Keypad [F] Key Alarm / Restore
FF	<input type="checkbox"/>	For future use
FF	<input type="checkbox"/>	Keypad [A] Key Alarm / Restore
FF	<input type="checkbox"/>	For future use
FF	<input type="checkbox"/>	Keypad [P] Key Alarm / Restore
FF	<input type="checkbox"/>	For future use

[44] Second SG-DVACS Reporting Codes

Default		Default
FF	<input type="checkbox"/>	Battery Trouble / Restore
FF	<input type="checkbox"/>	Aux Power Trouble / Restore
FF	<input type="checkbox"/>	AC Trouble / Restore
FF	<input type="checkbox"/>	TLM (LINKS) Trouble / Restore
FF	<input type="checkbox"/>	Bell Circuit Trouble / Restore
FF	<input type="checkbox"/>	Phone Number 1 Trbl / Restore
FF	<input type="checkbox"/>	Fire Trouble Alarm / Restore
FF	<input type="checkbox"/>	Phone Number 2 Trbl / Restore

[45] Third SG-DVACS Reporting Codes

Default		Default
FF	<input type="checkbox"/>	PC5400 Supv. Fault / Rest
FF	<input type="checkbox"/>	System Test
FF	<input type="checkbox"/>	PC5400 Tamper / Restore
FF	<input type="checkbox"/>	Cold Start
FF	<input type="checkbox"/>	ESCORT 5580 Supv Fault / Restore
FF	<input type="checkbox"/>	Partial Closing
FF	<input type="checkbox"/>	Keypad Lockout
FF	<input type="checkbox"/>	Opening After Alarm

[46] Fourth SG-DVACS Reporting Codes

Default		Default
FF	<input type="checkbox"/>	Police Code
FF	<input type="checkbox"/>	For future use
FF	<input type="checkbox"/>	Delinquency
FF	<input type="checkbox"/>	For future use
FF	<input type="checkbox"/>	Event Buffer 75% Full
FF	<input type="checkbox"/>	For future use
FF	<input type="checkbox"/>	For future use
FF	<input type="checkbox"/>	For future use

[47] - [48] For future use

[49] Zone 1-6 Alarm / Restore / Bypass Reporting Codes

Default		Default
FF	<input type="checkbox"/>	Zone 1
FF	<input type="checkbox"/>	Zone 5
FF	<input type="checkbox"/>	Zone 2
FF	<input type="checkbox"/>	Zone 6
FF	<input type="checkbox"/>	For future use
FF	<input type="checkbox"/>	For future use
FF	<input type="checkbox"/>	For future use
FF	<input type="checkbox"/>	For future use

[50] - [52] For future use

[53] Zone 1-6 Tamper / Restore Reporting Codes

Default

FF Zone 1
FF Zone 2
FF Zone 3
FF Zone 4

Default

FF Zone 5
FF Zone 6
FF **For future use**
FF **For future use**

[54] - [56] For future use

[57] Zone 1-6 Trouble / Restore Reporting Codes

Default

FF Zone 1
FF Zone 2
FF Zone 3
FF Zone 4

Default

FF Zone 5
FF Zone 6
FF **For future use**
FF **For future use**

[58] - [64] For future use

[65] Keypad Tamper / Restore Reporting Codes

Default

FF Keypad 1
FF Keypad 2
FF Keypad 3
FF Keypad 4

Default

FF Keypad 5
FF Keypad 6
FF Keypad 7
FF Keypad 8

[66] For future use

[67] Keypad Supervisory / Restore Reporting Codes

Default

FF Keypad 1
FF Keypad 2
FF Keypad 3
FF Keypad 4

Default

FF Keypad 5
FF Keypad 6
FF Keypad 7
FF Keypad 8

[68] For future use

Reporting Types - Refer to the Reporting Type Table

[69] Zone 1-6 Alarm / Restore / Bypass Reporting Types

Default

FF Zone 1
FF Zone 2
FF Zone 3
FF Zone 4

Default

FF Zone 5
FF Zone 6
FF **For future use**
FF **For future use**

[70] - [72] For future use

[73] Zone 1-6 Tamper / Restore Reporting Types

Default

FF Zone 1
FF Zone 2
FF Zone 3
FF Zone 4

Default

FF Zone 5
FF Zone 6
FF **For future use**
FF **For future use**

[74] - [76] For future use

[77] Zone 1-6 Trouble / Restore Reporting Types

Default

FF Zone 1
FF Zone 2
FF Zone 3
FF Zone 4

Default

FF Zone 5
FF Zone 6
FF **For future use**
FF **For future use**

[78] - [84] For future use

[85] Keypad Tamper / Restore Reporting Types

Default

FF Keypad 1
FF Keypad 2
FF Keypad 3
FF Keypad 4

Default

FF Keypad 5
FF Keypad 6
FF Keypad 7
FF Keypad 8

[86] For future use

[87] Keypad Supervisory / Restore Reporting Types

Default

FF Keypad 1
FF Keypad 2
FF Keypad 3
FF Keypad 4

Default

FF Keypad 5
FF Keypad 6
FF Keypad 7
FF Keypad 8

[88] For future use

[89] First DVACS Reporting Types

Default

FF Duress Alarm
FF Keypad [F] Key Alarm / Restore
FF Keypad [A] Key Alarm / Restore
FF Keypad [P] Key Alarm / Restore

Default

FF PGM2 Alarm / Restore
FF **For future use**
FF **For future use**
FF **For future use**

[90] Second DVACS Reporting Types

Default

FF Battery Trouble / Restore
FF AC Trouble / Restore
FF Bell Circuit Trouble / Restore
FF Fire Trouble Alarm / Restore

Default

FF **For future use**
FF TLM (LINKS) Trouble / Restore
FF Phone Number 1 Trbl / Restore
FF Phone Number 2 Trbl / Restore

[91] Third DVACS Reporting Types

Default

FF PC5400 Supv. Fault / Rest
FF PC5400 Tamper / Restore
FF ESCORT 5580 Supv Fault / Restore
FF Keypad Lockout

Default

FF System Test
FF Cold Start
FF Partial Closing
FF Opening After Alarm

[92] Fourth DVACS Reporting Types

Default

FF Police Code
FF Delinquency
FF Event Buffer 75% Full
FF **For future use**

Default

FF **For future use**
FF **For future use**
FF **For future use**
FF **For future use**

[93] - [94] For future use

Appendix A: DVACS Reporting Type Tables

Alarm Reporting Types:

Rep.Type	Printer MSG	Computer MSG
00	Fire	Alm/Rst/Byp/Unb Zn000-999 FA/FH/FB/FU 000-999
01	Sprnklr	Alm/Rst/Byp/Unb Zn000-999 SA/SH/SB/SU 000-999
02	Panic	Alm/Rst/Byp/Unb Zn000-999 PA/PH/PB/PU 000-999
03	Hold up	Alm/Rst/Byp/Unb Zn000-999 HA/HH/HB/HU 000-999
04	Medical	Alm/Rst/Byp/Unb Zn000-999 MA/MH/MB/MU 000-999
05	Emergen	Alm/Rst/Byp/Unb Zn000-999 QA/QH/QB/QU 000-999
06	Burglar	Alm/Rst/Byp/Unb Zn000-999 BA/BH/BB/BU 000-999
07	DelayHA	Alm/Rst/Byp/Unb Zn000-999 BA/BH/BB/BU 000-999
08	Delay	Alm/Rst/Byp/Unb Zn000-999 BA/BH/BB/BU 000-999
09	Instant	Alm/Rst/Byp/Unb Zn000-999 BA/BH/BB/BU 000-999
0A	Interio	Alm/Rst/Byp/Unb Zn000-999 BA/BH/BB/BU 000-999
0B	InterHA	Alm/Rst/Byp/Unb Zn000-999 BA/BH/BB/BU 000-999
0C	Motion	Alm/Rst/Byp/Unb Zn000-999 BA/BH/BB/BU 000-999
0D	Water	Alm/Rst/Byp/Unb Zn000-999 WA/WH/WB/WU 000-999
0E	Freeze	Alm/Rst/Byp/Unb Zn000-999 ZA/ZH/ZB/ZU 000-999
0F	Gas	Alm/Rst/Byp/Unb Zn000-999 GA/GH/GB/GU 000-999
10	Heat	Alm/Rst/Byp/Unb Zn000-999 KA/KH/KB/KU 000-999
11	24 hrs	Alm/Rst/Byp/Unb Zn000-999 UA/UH/UB/UU 000-999
12	System	Alm/Rst/Byp/Unb Zn000-999 UA/UH/UB/UU 000-999
13	Auxil.	Alm/Rst/Byp/Unb Zn000-999 UA/UH/UB/UU 000-999
14	Untyped	Alm/Rst/Byp/Unb Zn000-999 UA/UH/UB/UU 000-999
15		Alm/Rst/Byp/Unb Zn000-999 UA/UH/UB/UU 000-999
16	24hrLat	Alm/Rst/Byp/Unb Zn000-999 TA/TR/TB/TU 000-999
17	Tamper	Alm/Rst/Byp/Unb Zn000-999 TA/TR/TB/TU 000-999
18	Supervi	Alm/Rst/Byp/Unb Zn000-999 UA/UH/UB/UU 000-999
19		Alm/Rst/Byp/Unb Zn000-999 UA/UH/UB/UU 000-999
1A		Alm/Rst/Byp/Unb Zn000-999 UA/UH/UB/UU 000-999
1B		Alm/Rst/Byp/Unb Zn000-999 UA/UH/UB/UU 000-999
1C		Alm/Rst/Byp/Unb Zn000-999 UA/UH/UB/UU 000-999
1D	Test	Alm/Rst/Byp/Unb Zn000-999 UX/UR/UB/UU 000-999
1E	Unsecur	Alm/Rst/Byp/Unb Zn000-999 YY/UR/UB/UU 000-999
1F	Cancel	Alm/Rst/Byp/Unb Zn000-999 OC/OC/UB/UU 000-999

Troubles Reporting Types:

Rep.Type	Printer MSG	Computer MSG
20	Fire	Trb/T_R/Byp/Unb Zn000-999 FT/FJ/FB/FU 000-999
21	Sprinkl	Trb/T_R/Byp/Unb Zn000-999 ST/SJ/SB/SU 000-999
22	Panic	Trb/T_R/Byp/Unb Zn000-999 PT/PJ/PB/PU 000-999
23	Hold up	Trb/T_R/Byp/Unb Zn000-999 HT/HJ/HB/HU 000-999
24	Medical	Trb/T_R/Byp/Unb Zn000-999 MT/MJ/MB/MU 000-999
25	Emergen	Trb/T_R/Byp/Unb Zn000-999 QT/QJ/QB/QU 000-999
26	Burglar	Trb/T_R/Byp/Unb Zn000-999 BT/BJ/BB/BU 000-999
27	DelayHA	Trb/T_R/Byp/Unb Zn000-999 BT/BJ/BB/BU 000-999
28	Delay	Trb/T_R/Byp/Unb Zn000-999 BT/BJ/BB/BU 000-999
29	Instant	Trb/T_R/Byp/Unb Zn000-999 BT/BJ/BB/BU 000-999
2A	Interio	Trb/T_R/Byp/Unb Zn000-999 BT/BJ/BB/BU 000-999
2B	InterHA	Trb/T_R/Byp/Unb Zn000-999 BT/BJ/BB/BU 000-999
2C	Motion	Trb/T_R/Byp/Unb Zn000-999 BT/BJ/BB/BU 000-999
2D	Water	Trb/T_R/Byp/Unb Zn000-999 WT/WJ/WB/WU 000-999
2E	Freeze	Trb/T_R/Byp/Unb Zn000-999 ZT/ZJ/ZB/ZU 000-999
2F	Gas	Trb/T_R/Byp/Unb Zn000-999 GT/GJ/GB/GU 000-999
30	Heat	Trb/T_R/Byp/Unb Zn000-999 KT/KJ/KB/KU 000-999
31	24 hrs	Trb/T_R/Byp/Unb Zn000-999 UT/UJ/UB/UU 000-999
32	System	Trb/T_R/Byp/Unb Zn000-999 UT/UJ/UB/UU 000-999
33	Auxil.	Trb/T_R/Byp/Unb Zn000-999 UT/UJ/UB/UU 000-999
34	Untyped	Trb/T_R/Byp/Unb Zn000-999 UT/UJ/UB/UU 000-999
35		Trb/T_R/Byp/Unb Zn000-999 UT/UJ/UB/UU 000-999
36	24hrLat	Trb/T_R/Byp/Unb Zn000-999 UT/UJ/TB/TU 000-999
37	Tamper	Trb/T_R/Byp/Unb Zn000-999 UT/UJ/TB/TU 000-999
38	Supervi	Trb/T_R/Byp/Unb Zn000-999 UT/UJ/UB/UU 000-999
39	Expans.	Trb/T_R/Byp/Unb Zn000-999 ET/ER/UB/UU 000-999
3A	AC Cut	Trb/T_R/Byp/Unb Zn000-999 AT/AR/UB/UU 000-999
3B	WirLBat	Trb/T_R/Byp/Unb Zn000-999 XT/XR/UB/UU 000-999
3C	PwSupply	Trb/T_R/Byp/Unb Zn000-999 YP/YQ/UB/UU 000-999
3D	SysLBat	Trb/T_R/Byp/Unb Zn000-999 YT/YR/UB/UU 000-999
3E	Line	Trb/T_R/Byp/Unb Zn000-999 LT/LR/UB/UU 000-999
3F	ZnFault	Trb/T_R/Byp/Unb Zn000-999 UT/UJ/UB/UU 000-999
40 TO 5F	RESERVED	

NOTE: Interior Delay Zones will use the reporting type for Burglary at Default.

Supervisory Reporting Types:

Rep.Type	Printer MSG	Computer MSG
60	Fire	Sup/S_R/Byp/Unb Zn000-999 FS/FJ/FB/FU 000-999
61	Sprinkl	Sup/S_R/Byp/Unb Zn000-999 SS/SJ/SB/SU 000-999
62	Panic	Sup/S_R/Byp/Unb Zn000-999 PS/PJ/PB/PU 000-999
63	Hold up	Sup/S_R/Byp/Unb Zn000-999 HS/HJ/HB/HU 000-999
64	Medical	Sup/S_R/Byp/Unb Zn000-999 MS/MJ/MB/MU 000-999
65	Emergen	Sup/S_R/Byp/Unb Zn000-999 QS/QJ/QB/QU 000-999
66	Burglar	Sup/S_R/Byp/Unb Zn000-999 BS/BJ/BB/BU 000-999
67	DelayHA	Sup/S_R/Byp/Unb Zn000-999 BS/BJ/BB/BU 000-999
68	Delay	Sup/S_R/Byp/Unb Zn000-999 BS/BJ/BB/BU 000-999
69	Instant	Sup/S_R/Byp/Unb Zn000-999 BS/BJ/BB/BU 000-999
6A	Interio	Sup/S_R/Byp/Unb Zn000-999 BS/BJ/BB/BU 000-999
6B	InterHA	Sup/S_R/Byp/Unb Zn000-999 BS/BJ/BB/BU 000-999
6C	Motion	Sup/S_R/Byp/Unb Zn000-999 BS/BJ/BB/BU 000-999
6D	Water	Sup/S_R/Byp/Unb Zn000-999 WS/WJ/WB/WU 000-999
6E	Freeze	Sup/S_R/Byp/Unb Zn000-999 ZS/ZJ/ZB/ZU 000-999
6F	Gas	Sup/S_R/Byp/Unb Zn000-999 GS/GJ/ZB/ZU 000-999
70	Heat	Sup/S_R/Byp/Unb Zn000-999 KS/KJ/KB/KU 000-999
71	24 Hrs	Sup/S_R/Byp/Unb Zn000-999 US/UJ/UB/UU 000-999
72	System	Sup/S_R/Byp/Unb Zn000-999 US/UJ/UB/UU 000-999
73	Auxil.	Sup/S_R/Byp/Unb Zn000-999 US/UJ/UB/UU 000-999
74	Untyped	Sup/S_R/Byp/Unb Zn000-999 US/UJ/UB/UU 000-999
75		Sup/S_R/Byp/Unb Zn000-999 US/UJ/UB/UU 000-999

Open/Close Reporting Types:

76	Open User000-999	OP	000-999
F6	Close User000-999	CL	000-999
77	Open Group000-999	OG	000-999
F7	Close Group000-999	CG	000-999

Miscellaneous Reporting Types:

78	By	User	000-999	No transmission
79	Control	Act/Rst	Pt000-999	RC/RO 000-999
7A	Service	Req	Zn000-999	YX 000-999
7B	Dealer	Id	000-999	DU 000-999
7C	User	Msg	Zn000-999	CE 000-999
7D	Instal	Msg	Zn000-999	DU 000-999

7E : Specific Messages Reporting Types:

For reporting type 7E, the reporting code is specified in the message to be printed or transmitted to the Computer. The zone sent to the computer is always 000.

Rep. Code-----	Printer MSG -----	Computer MSG	Rep. Code-----	Printer MSG -----	Computer MSG
01 -----	Automat Closing -	CA	23 -----	Date Changed ---	JD
02 -----	Automat Open ----	OA	24 -----	Holiday Changed	JH
03 -----	Closing Extend ---	CE	25 -----	User cd Changed	JV
04 -----	Partial Closing ----	CG	26 -----	User cd Deleted -	JX
05 -----	Forced Closing --	CF	27 -----	Local Prg Begin -	LB
06 -----	Forced arming ---	CW	28 -----	Local Prg Denied	LD
07 -----	Fail to Close -----	CI	29 -----	Local Prg Succes	LS
08 -----	Fail to Open -----	OI	2A -----	Local Prg Fail ----	LU
09 -----	Late Close -----	CJ	2B -----	Local Prg Ended	LX
0A -----	Late Open -----	OJ	2C -----	Listen-In begin ---	LF
0B -----	Late to Close ----	OT	2D -----	Listen-In ended --	LE
0C -----	Late to Open ----	CT	2E -----	Remote P.C.F -----	RA
0D -----	Early Close -----	CK	2F -----	Remote P.begin--	RB
0E -----	Early Open -----	OK	30 -----	Remote P.Denied	RD
0F -----	F. Arm Perimeter -	NF	31 -----	Remote P.Success	RS
10 -----	Perimeter Arm ----	NL000	32 -----	Remote P.Fail ----	RU
11 -----	Disarm From Alm	OR	33 -----	Remote Reset ----	RN
12 -----	Access Closed ---	DC	34 -----	Power Up -----	RR
13 -----	Access Denied --	DD	35 -----	Data Lost -----	RT
14 -----	Access Granted -	DG	36 -----	Automatic Test ---	RP
15 -----	Access Lockout -	DK	37 -----	Manual Test -----	RX
16 -----	Access Open ----	DO	38 -----	Test Start -----	TS
17 -----	Access Trouble --	DT	39 -----	Test End -----	TE
18 -----	Door Forced -----	DF	3A -----	Printer Papr In ----	VI
19 -----	Door Station-----	DS	3B -----	Printer Papr Out -	VO
1A -----	Alm On Exit -----	UA	3C -----	Printer Restore ---	VR
1B -----	Fire test begin ----	FI	3D -----	Printer Trouble ---	VT
1C -----	Fire test end -----	FK	3E -----	Printer Test -----	VX
1D -----	User cd Tamper -	JA	3F -----	Printer On Line ---	VY
1E -----	Log Threshold ----	JL	40 -----	Printer Off Line ---	VZ
1F -----	Log Overflow -----	JO	41 -----	Extra Point -----	XE
20 -----	Schedul Execute	JR	42 -----	Extra RF Point ----	XF
21 -----	Schedul Change	JS	43 -----	Sensor Reset -----	XI
22 -----	Time Changed ---	JT	44 -----	Forced Point -----	XW
			45 -----	Watch Dog Reset	YW
			46 -----	Service Required	YX
			47 -----	Status Report -----	YY
			48 -----	Downlook Start ---	None

Appendix B: PC5010, PC5015, PC5008, PC1555, PC580 DVACS Default Reporting Codes

ALARMS:

Event Description	MT / Function Byte	Real Zone #	SIA Message
Delay	08 / 88		BA0zz / BH0zz
Instant	09 / 89		BA0zz / BH0zz
Interior	0A / 8A		BA0zz / BH0zz
Interior Home-Away	0B / 8B		BA0zz / BH0zz
Delay Home-Away	07 / 87		BA0zz / BH0zz
Delayed 24-Hr Fire	00 / 80		FA0zz / FH0zz
Standard 24-Hr Fire	00 / 80		FA0zz / FH0zz
24-Hr Supervisory Links	11 / 91		UA0zz / UH0zz
24-Hr Supervisory Buzzer	11 / 91		UA0zz / UH0zz
24-Hr Burglary	06 / 86		BA0zz / BH0zz
24-Hr Hold up	03 / 83		HA0zz / HH0zz
24-Hr Gas	0F / 8F		GA0zz / GH0zz
24-Hr Heat	10 / 90		KA0zz / KH0zz
24-Hr Medical	04 / 84		MA0zz / MH0zz
24-Hr Panic	02 / 82		PA0zz / PH0zz
24-Hr Emergency	05 / 85		QA0zz / QH0zz
24-Hr Sprinkler	01 / 81		SA0zz / SH0zz
24-Hr Water	0D / 8D		WA0zz / WH0zz
24-Hr Freeze	0E / 8E		ZA0zz / ZH0zz
24-Hr Latching Tamper	16 / 96		TA0zz / TR0zz
Interior Delay	08 / 88		BA0zz / BH0zz
Duress	03	99	HA099
Keypad Fire Alm/Rst	00	99	FA099
Keypad Aux. Alm/Rst	04	99	MA099
Keypad Panic Alm/Rst	02	99	PA099
PGM2 Input Alm/Rst	14 / 94	33	UA033 / UH033

BYPASSES:

Event Description	MT / Function Byte	Real Zone #	SIA Message
Delay	48		BB0zz
Instant	49		BB0zz
Interior	4A		BB0zz
Interior Home-Away	4B		BB0zz
Delay Home-Away	47		BB0zz
Delayed 24-Hr Fire	40		FB0zz
Standard 24-Hr Fire	40		FB0zz
24-Hr Supervisory Links	51		UB0zz
24-Hr Supervisory Buzzer	51		UB0zz
24-Hr Burglary	46		BB0zz
24-Hr Hold up	43		HB0zz
24-Hr Gas	4F		GB0zz
24-Hr Heat	50		KB0zz
24-Hr Medical	44		MB0zz
24-Hr Panic	42		PB0zz
24-Hr Emergency	45		QB0zz
24-Hr Sprinkler	41		SB0zz
24-Hr Water	4D		WB0zz
24-Hr Freeze	4E		ZB0zz
24-Hr Latching Tamper	56		TB0zz
Interior Delay	48		BB0zz
24-Hr Non-alarm	51		UB0zz

TAMPER ALARMS:

Event Description	MT / Function Byte	Low Zone #	SIA Message
Delay	68 / E8		BS0zz / BJ0zz
Instant	69 / E9		BS0zz / BJ0zz
Interior	6A / EA		BS0zz / BJ0zz
Interior Home-Away	6B / EB		BS0zz / BJ0zz
Delay Home-Away	67 / E7		BS0zz / BJ0zz
Delayed 24-Hr Fire	60 / E0		FS0zz / FJ0zz •
Standard 24-Hr Fire	60 / E0		FS0zz / FJ0zz •
24-Hr Supervisory Links	71 / F1		US0zz / UJ0zz •
24-Hr Supervisory Buzzer	71 / F1		US0zz / UJ0zz
24-Hr Burglary	66 / E6		BS0zz / BJ0zz
24-Hr Hold up	63 / E3		HS0zz / HJ0zz
24-Hr Gas	6F / EF		GS0zz / GJ0zz
24-Hr Heat	70 / F0		KS0zz / KJ0zz
24-Hr Medical	64 / E4		MS0zz / MJ0zz
24-Hr Panic	62 / E2		PS0zz / PJ0zz
24-Hr Emergency	65 / E5		QS0zz / QJ0zz
24-Hr Sprinkler	61 / E1		SS0zz / SJ0zz
24-Hr Water	6D / ED		WS0zz / WJ0zz
24-Hr Freeze	6E / EE		ZS0zz / ZJ0zz
24-Hr Latching Tamper	71 / F1		US0zz / UJ0zz
Interior Delay	68 / E8		BS0zz / BJ0zz
24-Hr Non-alarm	71 / F1		US0zz / UJ0zz
Keypad x Tamper/Rst	17 / 97	41 - 48	TA04x / TR04x
Zn. Exp. x Tamper/Rst	17 / 97	51 - 56	TA05x / TR05x
PC5132 Tamper/Rst	17 / 97	61	TA061 / TR061
PC5208 Tamper/Rst	17 / 97	62	TA062 / TR062
PC5204 Tamper/Rst	17 / 97	63	TA063 / TR063
PC5400 Tamper/Rst	17 / 97	64	TA064 / TR064
Alternate Comm. Tamper/Rst	17 / 97	65	TA065 / TR065 •
PC5100 Tamper/Rst	17 / 97	71	TA071 / TR071

SYSTEM TROUBLES:

Event Description	MT / Function Byte	Low Zone #	SIA Message
Delay	28 / A8		BT0zz / BJ0zz
Instant	29 / A9		BT0zz / BJ0zz
Interior	2A / AA		BT0zz / BJ0zz
Interior Home-Away	2B / AB		BT0zz / BJ0zz
Delay Home-Away	27 / A7		BT0zz / BJ0zz
Delayed 24-Hr Fire	20 / A0		FT0zz / FJ0zz
Standard 24-Hr Fire	20 / A0		FT0zz / FJ0zz
24-Hr Supervisory Links	31 / B1		UT0zz / UJ0zz
24-Hr Supervisory Buzzer	31 / B1		UT0zz / UJ0zz
24-Hr Burglary	26 / A6		BT0zz / BJ0zz
24-Hr Holdup	23 / A3		HT0zz / HJ0zz
24-Hr Gas	2F / AF		GT0zz / GJ0zz
24-Hr Heat	30 / B0		KT0zz / KJ0zz
24-Hr Medical	24 / A4		MT0zz / MJ0zz

• To be supported on future versions.

Event Description	MT / Function Byte	Low Zone #	SIA Message
24-Hr Panic	22 / A2		PT0zz / PJ0zz
24-Hr Emergency	25 / A5		QT0zz / QJ0zz
24-Hr Sprinkler	21 / A1		ST0zz / SJ0zz
24-Hr Water	2D / AD		WT0zz / WJ0zz
24-Hr Freeze	2E / AE		ZT0zz / ZJ0zz
24-Hr Latching Tamper	36 / B6		UT0zz / UJ0zz
Interior Delay	28 / A8		BT0zz / BJ0zz
24-Hr Non-alarm	31 / B1		UT0zz / UJ0zz
Zone 01 - 32 Low Bt./Rst	3B / BB	Real Zone #	XT0zz / XR0zz
Battery Trouble Alm/Rst	3D / BD	01	YT001 / YR001
AC Failure Alm/Rst	3A / BA	01	AT001 / AR001
Bell Circuit Alm/Rst	33 / B3	99	UT099 / UJ099
Fire Trouble Alm/Rst	20 / A0	00	FT000 / FJ000
Aux. Power Alm/Rst	3C / BC	01	YP001 / YQ001
TLM Alm/Rst Links	3E / BE	00	LT000 / LR000
Phone #1 Alm/Rst	3E / BE	01	LT001 / LR001
Phone #2 Alm/Rst	3E / BE	02	LT002 / LR002
Keybus Fault Alm/Rst	39 / B9	01	ET001 / ER001
Critical Shutdown	3D	00	YT000
PC5204 AC Rst/Fail	3A / BA	63	AT063 / AR063
PC5204 Batt. Rst/Trouble	3D / BD	63	YT063 / YR063
PC5204 Circuit Rst/Trbl.	3C / BC	63	YP063 / YQ063
PC5204 Output 1 Rst/Fail	3F / BF	63	UT063 / UJ063
PC5400 ON-line/OFF-line	7E	3F / 40	VY / VZ

SUPERVISORY ALARMS:

Event Description	MT / Function Byte	Low Zone #	SIA Message
Keypad x Suprv./Rst	32 / B2	41 - 48	UT04x / UJ04x
Zn. Exp. x Suprv./Rst	32 / B2	51 - 56	UT05x / UJ05x
PC5132 Suprv./Rst	32 / B2	61	UT061 / UJ061
PC5208 Suprv./Rst	32 / B2	62	UT062 / UJ062
PC5204 Suprv./Rst	32 / B2	68	UT068 / UJ068
PC5400 Suprv./Rst	32 / B2	64	UT064 / UJ064
Alternat Comm. Suprv./Rst	32 / B2	65	UT065 / UJ065 •
PC59XX Suprv./Rst	32 / B2	66	UT066 / UJ066
ESCORT Suprv./Rst	32 / B2	67	UT067 / UJ067
PC5100 Suprv./Rst	32/B2	71	UT071 / UJ071
Dwnlk Mod. Suprv./Rst	32 / B2	72	UT072 / UJ072
Expander Module Superv./Rst	75 / F5	000	US000 / UJ000

• To be supported on future versions.

OPEN / CLOSE REPORTS:

Event Description	MT / Function Byte	Low Zone #	SIA Message
Opening By User 01 - 42	76	User #	OP0xx
Closing By User 01 - 42	F6	User #	CL0xx
Opening By Maintenance	76	43	OP043
Opening By Keyswitch	76	44	OP044
Opening By Downloading	76	45	OP045
Closing By Maintenance	F6	43	CL043
Closing By Keyswitch	F6	44	CL044
Closing By Downloading	F6	45	CL045
Quick /Away Arming	F6	46	CL046
Automatic Closing	7E	01	CA

MISCELLANEOUS SYSTEM REPORTS:

Event Description	MT / Function Byte	Low Zone #	SIA Message
Keypad Lockout	7E	1D	JA
Remote ESCORT Access	7E	16	DO
DLS Lead In/ Lead Out	7E	2F / 31	RB / RS
System Test	7E	37	RX
Installer Lead In/Out	7E	27 / 29	LB / LS
Cold Start	7E	34	RR
Warm Start	7E	45	YW
Swinger Shutdown	3F	00	UT000
H-A Mode/Re-Activ.H-A	7E	10	NL
Opening After Alarm	7E	11	OR
Recent Closing	7E	1A	UA
Auto Arm Cancellation	7E	0B	OT
Partial Closing	7E	04	CG
Downlook Mdl Remove Trigger	7E	37	RX
Late to Close	7E	07	CI000
Delinquency Code	32	97	CD
Police Code	19	01	BV000
Event Buffer 75% Full	7E	1E	JL

• To be supported on future versions.

Appendix C: PC1575 DVACS Default Reporting Codes

Alarms/Restorals:

Event Description	MT / Function Byte	Real Zone #	SIA Message
Delay	08 / 88		BA0zz / BH0zz
Instant	09 / 89		BA0zz / BH0zz
Interior	0A / 8A		BA0zz / BH0zz
Interior Home-Away	0B / 8B		BA0zz / BH0zz
Delay Home-Away	07 / 87		BA0zz / BH0zz
Delayed 24-Hr Fire	00 / 80		FA0zz / FH0zz
Standard 24-Hr Fire	00 / 80		FA0zz / FH0zz
24-Hr Supervisory Links	11 / 91		UA0zz / UH0zz
24-Hr Supervisory Buzzer	11 / 91		UA0zz / UH0zz
24-Hr Burglary	06 / 86		BA0zz / BH0zz
24-Hr Hold up	03 / 83		HA0zz / HH0zz
24-Hr Gas	0F / 8F		GA0zz / GH0zz
24-Hr Heat	10 / 90		KA0zz / KH0zz
24-Hr Medical	04 / 84		MA0zz / MH0zz
24-Hr Panic	02 / 82		PA0zz / PH0zz
24-Hr Emergency	05 / 85		QA0zz / QH0zz
24-Hr Sprinkler	01 / 81		SA0zz / SH0zz
24-Hr Water	0D / 8D		WA0zz / WH0zz
24-Hr Freeze	0E / 8E		ZA0zz / ZH0zz
24-Hr Latching Tamper	16 / 96		TA0zz / TR0zz
Duress	03	99	HA099
Keypad Fire Alm/Rst	00	99	FA099
Keypad Aux. Alm/Rst	04	99	MA099
Keypad Panic Alm/Rst	02	99	PA099

Bypasses:

Event Description	MT / Function Byte	Real Zone #	SIA Message
Delay	48		BB0zz
Instant	49		BB0zz
Interior	4A		BB0zz
Interior Home-Away	4B		BB0zz
Delay Home-Away	47		BB0zz
Delayed 24-Hr Fire	40		FB0zz
Standard 24-Hr Fire	40		FB0zz
24-Hr Supervisory Links	51		UB0zz
24-Hr Supervisory Buzzer	51		UB0zz
24-Hr Burglary	46		BB0zz
24-Hr Hold up	43		HB0zz
24-Hr Gas	4F		GB0zz
24-Hr Heat	50		KB0zz
24-Hr Medical	44		MB0zz
24-Hr Panic	42		PB0zz
24-Hr Emergency	45		QB0zz
24-Hr Sprinkler	41		SB0zz
24-Hr Water	4D		WB0zz
24-Hr Freeze	4E		ZB0zz
24-Hr Latching Tamper	56		TB0zz

Tamper/Restorals:

Event Description	MT / Function Byte	Real Zone #	SIA Message
Delay	68 / E8		BS0zz / BJ0zz
Instant	69 / E9		BS0zz / BJ0zz
Interior	6A / EA		BS0zz / BJ0zz
Interior Home-Away	6B / EB		BS0zz / BJ0zz
Delay Home-Away	67 / E7		BS0zz / BJ0zz
Delayed 24-Hr Fire	60 / E0		FS0zz / FJ0zz
Standard 24-Hr Fire	60 / E0		FS0zz / FJ0zz
24-Hr Supervisory Links	71 / F1		US0zz / UJ0zz
24-Hr Supervisory Buzzer	71 / F1		US0zz / UJ0zz
24-Hr Burglary	66 / E6		BS0zz / BJ0zz
24-Hr Hold up	63 / E3		HS0zz / HJ0zz
24-Hr Gas	6F / EF		GS0zz / GJ0zz
24-Hr Heat	70 / F0		KS0zz / KJ0zz
24-Hr Medical	64 / E4		MS0zz / MJ0zz
24-Hr Panic	62 / E2		PS0zz / PJ0zz
24-Hr Emergency	65 / E5		QS0zz / QJ0zz
24-Hr Sprinkler	61 / E1		SS0zz / SJ0zz
24-Hr Water	6D / ED		WS0zz / WJ0zz
24-Hr Freeze	6E / EE		ZS0zz / ZJ0zz
24-Hr Latching Tamper	71 / F1		US0zz / UJ0zz
Keypad x Tamper/Rst	17 / 97	41 - 48	TA04x / TR04x
PC5400 Tamper/Rst	17 / 97	64	TA064 / TR064
Alternate Comm.	17 / 97	65	TA065 / TR065 •

• To be supported on future versions.

Troubles/Restorals:

Event Description	MT / Function Byte	Real Zone #	SIA Message
Delay	28 / A8		BT0zz / BJ0zz
Instant	29 / A9		BT0zz / BJ0zz
Interior	2A / AA		BT0zz / BJ0zz
Interior Home-Away	2B / AB		BT0zz / BJ0zz
Delay Home-Away	27 / A7		BT0zz / BJ0zz
Delayed 24-Hr Fire	20 / A0		FT0zz / FJ0zz
Standard 24-Hr Fire	20 / A0		FT0zz / FJ0zz
24-Hr Supervisory Links	31 / B1		UT0zz / UJ0zz
24-Hr Supervisory Buzzer	31 / B1		UT0zz / UJ0zz
24-Hr Burglary	26 / A6		BT0zz / BJ0zz
24-Hr Holdup	23 / A3		HT0zz / HJ0zz
24-Hr Gas	2F / AF		GT0zz / GJ0zz
24-Hr Heat	30 / B0		KT0zz / KJ0zz
24-Hr Medical	24 / A4		MT0zz / MJ0zz
24-Hr Panic	22 / A2		PT0zz / PJ0zz
24-Hr Emergency	25 / A5		QT0zz / QJ0zz
24-Hr Sprinkler	21 / A1		ST0zz / SJ0zz
24-Hr Water	2D / AD		WT0zz / WJ0zz
24-Hr Freeze	2E / AE		ZT0zz / ZJ0zz
24-Hr Latching Tamper	36 / B6		UT0zz / UJ0zz
Battery Trouble Alm/Rst	3D / BD	01	YT001 / YR001
AC Failure Alm/Rst	3A / BA	01	AT001 / AR001
Bell Circuit Alm/Rst	33 / B3	71	UT071 / UJ071
TLM Alm/Rst Links	3E / BE	00	LT000 / LR000
Phone #1 Alm/Rst	3E / BE	01	LT001 / LR001
Phone #2 Alm/Rst	3E / BE	02	LT002 / LR002
Critical Shutdown	3D	00	YT000
Keypad x Suprv./Rst	32 / B2	41 - 48	UT04x / UJ04x
PC5400 Suprv./Rst	32 / B2	64	UT064 / UJ064*
Alternate Comm.	32 / B2	65	UT065 / UJ065 •
ESCORT Suprv./Rst	32 / B2	67	UT067 / UJ067
Opening By User 01 - 06	76	User #	OP0xx
Closing By User 01 - 06	F6	User #	CL0xx
Keypad Lockout	7E	1D	JA
System Test	7E	37	RX
Cold Start	7E	34	RR
Warm Start	7E	45	YW
Opening After Alarm	7E	11	OR
Partial Closing	7E	04	CG
Police	19 / 99	01	BV019 / BV099
Delinquency	32	97	UT097

*No default transmission. If needed, program the listed code.

• *To be supported on future versions.*

Notes:



Installation Manual

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PC5400 Sur-Gard DVACS Version 2.2

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• W A R N I N G •

Please refer to the System Installation Manual for information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer.



LIMITED WARRANTY

Digital Security Controls Ltd. warrants that for a period of twelve months from the date of purchase, the product shall be free of defect in materials and workmanship under normal use and that in fulfillment of any breach of such warranty, Digital Security Controls Ltd. shall, at its option, repair or replace the defective equipment upon return of the equipment to its repair depot. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of Digital Security Controls Ltd. such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Digital Security Controls Ltd. This warranty contains the entire warranty. Digital Security Controls Ltd. neither assumes, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.

In no event shall Digital Security Controls Ltd. be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

WARNING: Digital Security Controls Ltd. recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.

FCC COMPLIANCE STATEMENT

CAUTION: Changes or modifications not expressly approved by Digital Security Controls Ltd. could void your authority to use this equipment.

This equipment generates and uses radio frequency energy and if not installed and used properly, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for Class B device in accordance with the specifications in Subpart "B" of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in any residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to television or radio reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna
- Relocate the alarm control with respect to the receiver
- Move the alarm control away from the receiver
- Connect the alarm control into a different outlet so that alarm control and receiver are on different circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the FCC useful: "How to Identify and Resolve Radio/Television Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402, Stock # 004-000-00345-4.