Elderly SecuraCare™
THE ELDERLY PHONE

SP – 03V2

Elderly Care Telephone -
Wireless Emergency System

Installation Manual

June 2011

ROSSLARE
SECURITY PRODUCTS

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1 INTRODUCTION

1.1 General

The SP-03V2 Elderly Care Telephone by Rosslare Enterprises, Ltd. is the ideal wireless security system for home or small office providing intrusion protection. The SP-03V2 Elderly Care Telephone is also the wireless panel used to control, program and operate the security monitoring and IVR (Interactive Voice Response) messaging, with all of the regular features of a home telephone.

The SP-03V2 Elderly Care Telephone uses the latest RF technology and enables the smooth and easy operation of a large number of security and communication options.

The SP-03V2 panel is easy to install and set up via local programming and via a direct or modem connection to a PC, running the SP-03V2 PC Software.

The Panel has two full split reporting features for communicating to central station for Contact ID + 2-Way Voice Enabled event reporting and vocal communications.

1.2 Special Features

- Five Custom textual and recordable zone descriptions
- Advanced testing and diagnostics options
- Programmable remote-control buttons
- 16 wireless zones
- Programmable No Activity timer
- Interactive Voice menus for private phones
- Full Duplex 2-way voice with private phone reporting
- USB port for local PC connection*
- TCP/IP port for internet based reporting and programming with automatic detection and configuration of TCP/IP connection.
- 8 programmable Pill reminders

*available in next release

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2   SP-03V2 OVERVIEW

This section provides a description of the control panel and the keypad. In addition, it also describes the chimes emitted when the buttons on the keypad are pressed.

2.1   The Panel
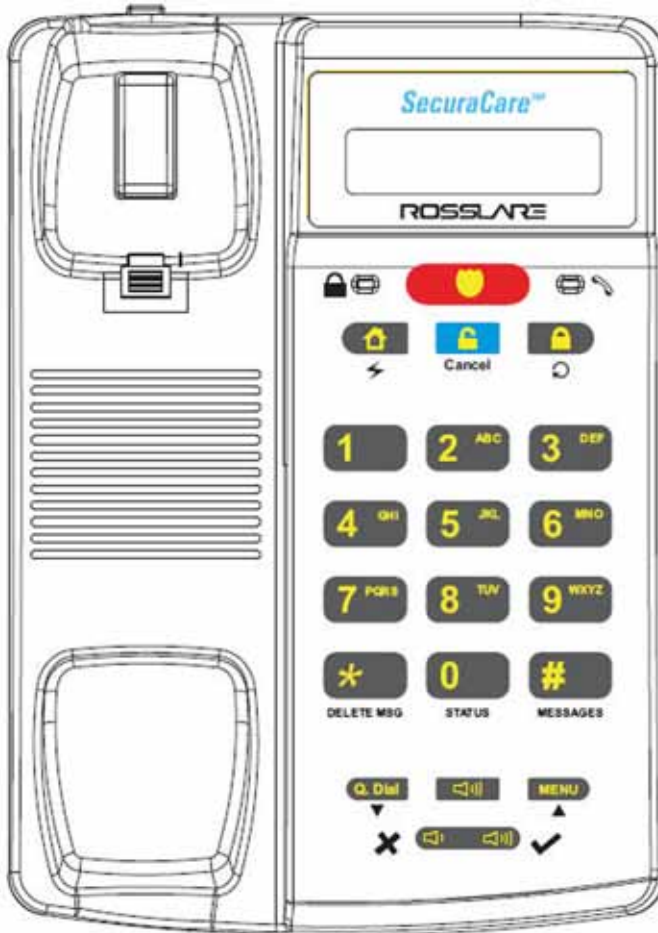
Figure 1: SP-03V2 Front View

2.2   The Keypad

This chapter describes the keypad buttons and functions.

2.2.1   General

Key	Icon	Action
Emergency		Initiates an emergency call
Disarm / Cancel		Disarms the system when armed (requires code) Cancels emergency calls and actions
Arm (Away) / Redial		Arms the system in Away mode (requires Code) Redials last called phone number in telephone mode
Arm (Home) / Flash		Arms the system in home mode (requires code)
Alphanumeric keys 1-9		Numeric Entry (keys 1-9) Initiate/edit a number to dial or quick dial Add an alphanumeric character (keys 2-9)
0 Key		Numeric entry initiating/editing a number to dial or quick dial. Trouble Display

Key	Icon	Action
# Key	MESSAGES	Clears Access Code Clears last entered digit in Phone Number / Numeric Value during editing Dials **'#'** during Manual Call
Þ Key	DELETE MSG	Enters a comma **','** as a Dialing Delay in Phone Number (during editing) Dials **'*'** during Manual Call
Menu / Up	MENU ▲	Access the various Menus. Up – In the menus
Quick Dial / Down	Q. Dial ▼	Enter Quick Dial mode Down – In the menus
Speaker	◁)))	Activates / Deactivates speaker, Line On / Off
Volume	✗ ◁ ◁))) ✔	Increase/decrease call/system volume Yes/No (same as Enter/Cancel)

2.2.2   Quick Dial Numbers

The SP-03V2 unit allows storage of 10 memorized telephone numbers with an alphanumeric name of up to 16 characters.

Entering, modifying or deleting quick-dial numbers is allowed under Master code access.

The Quick Dial button must be pressed to activate this option.

Quick Dial Number	Behavior
0 to 9	Indicates the quick-dial number to call.
UP or DOWN	Initiates a menu for displaying and selecting the required number.

2.3   Sound Indicators

Following are the sounds emitted by the system and push buttons:

Sound	Sounded when
Single beep	A key is pressed
Long beep	An attempt is made to enter an invalid or unacceptable entry
Four short beeps a minute	If enabled, on trouble condition.
Short beep every second	An exit/entry delay is activated. Beep sounded every 0.5 seconds during last 10 seconds of delay.
Chime	Activated (if enabled). Three programmable chime types available

2.4   LED Indicators

This section describes the status and communication LED indicators.

LED	Behavior
Status LED	**Red** on when the system is armed and blinking while the system is arming.
Communication LED	**Green** ON when the phone line, Modem or TCP/IP Channel are active.

3 SPECIFICATIONS

RF Data

RF Unit Type	Integrated RF transceiver (two-way) shielded super heterodyne, fixed frequency
Antenna Type	Printed PCB type antenna
Operating Frequencies	433.92 MHz **G** series 868.35 MHz **H** series
Receiver Sensitivity	Up to -68 dBm
Transmitter Power	Up to +10 dBm, less based on country requirements
Range (open field)	Up to 250 m in open space for detectors, and 110 m for hand-held remote controls
RF Device ID Coding	Three-bytes non-replicated per sensor type, or multiples of 16 million possible codes, make it almost impossible to have two like coded transmitters

The SP-03V2 system has optimum range if installed according to the manufacturer's recommendations, however it may be affected by radio noise from nearby high-power sources, or signal interference (blocking) by large metal surfaces or multiple concrete walls.

Environmental Data

Operating Temperature	0º – 60º C (32º F - 140º F)
Storage Temperature	-25 º – 70º C (-13º F - 158º F)
Relative Humidity	85% at 30º C Non condensing
Dimensions L x W x D	220 x 140 x 48 mm 8.7 x 5.5 x 1.9 inch
Weight	595 gr. (1.3 lbs.)

Electrical Data

Display	2 Lines of 16 characters, backlit LCD
Local siren	87 dbA
External Power Supply	13.8 V DC; 800mA
Current Consumption	Standby - 120 mA Maximum - 500 mA
Internal Backup Battery	800 mAh for 6 hours standby, 2 hours full alarm

Communication

RF Jamming Detection	UL / EN selectable
Programmable No-Activity Timer	1-30 minutes, per zone
Two CRM Numbers and Accounts	Primary only, Secondary only, Alternate, Both or Disable Modes
Reporting Protocols	Contact ID + Contact ID over IP
Three Private Telephone Numbers	Voice reporting and two-way voice communications
USB V2.0	Local PC programming connection *
Ethernet RJ-45 Port	Remote PC programming and monitoring on LAN or WAN connections
Telephone Line-In and Line-Out	featuring line seizure in case of phone use during alarm

*available in next release

4   INSTALLATION

4.1   Unpacking the Equipment

The contents of your package are listed below.

First, make sure that all the items in the kit have been included.

If you find that any item is missing, contact your dealer immediately.

SP-03V2 Elderly Phone package content
- One SP-03V2 Elderly Care Telephone - Wireless Emergency System
- One Handset
- One Handset cord
- One AC-DC power adapter
- One Telephone cord.
- One Rechargeable lead-acid battery

4.2   Getting to Know the SP-03V2

The SP-03V2 resembles an intelligent telephone set with a speakerphone and a handset; however, it has several additional keys, which are used for programming the system as detailed in the SP-03V2 OVERVIEW, on page 7.

4.3   Planning the Installation

The tables located in Appendix A. through Appendix D. on page 51, to 54 can assist you to plan and register the location of each detector. Mark the transmitters and detectors in the supplied tables accordingly.

4.4   Installing the Backup Battery

The battery is installed by opening the battery door located on the bottom of the SP-03V2. Turn the SP-03V2 over to see the battery door.

To install the Backup Battery:
1.   Remove the screw that secures the battery door; use a small Phillips head screwdriver and turn the screw counterclockwise.
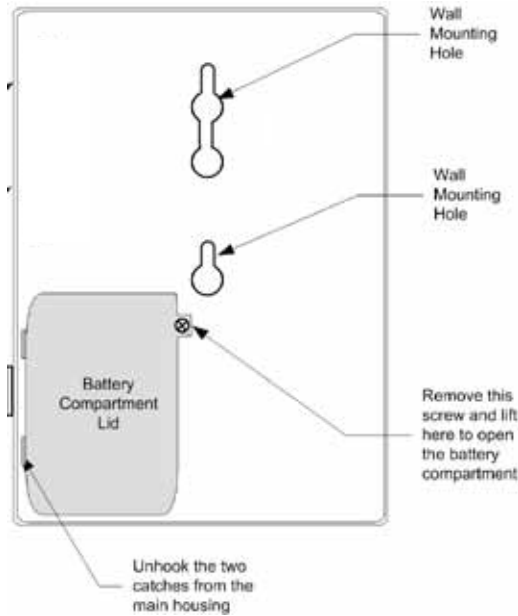
Figure 2: Rear of SP-03V2 Showing Battery Door

2. Carefully insert a flat screwdriver in the slot under the screw-hole tab, and twist to lift the tab off the main housing. Alternatively, you may use your finger to pull off the battery lid.

Note:

Be particularly careful not to lose the screw, or damage the battery door unit.

Do not try to remove the battery door from the catches without removing the screw, and do not over tighten the screw

3. Inside the battery compartment, you will see a battery connector on the PSB.

Figure 3: Battery Compartment Interior

4. Connect the rechargeable battery by connecting the wire block as shown in Figure 3, on page 14. Once connected, slide the battery into the compartment and replace the lid, and the screw.

4.5   Connecting the Power, Telephone Line and Ethernet

The SP-03V2 utilizes a standard AC/DC adapter and uses the standard RJ-11 phone wire.

To Connect the Phone Line and Ethernet:

1. Plug one end of the RJ-11 telephone cable to the Line-In phone jack of the SP-03V2.
2. Plug the other end to the wall phone jack.
3. Connect the SP-03V2's Line-Out phone jack to the rest of the house.
4. Plug the RJ-45 Ethernet cable to the Ethernet jack of the SP-03V2.
5. Plug the other end to the Ethernet socket in the wall or to the local Ethernet connection.

To Connect the Power:

1. Connect AC adapter jack into the socket (marked "13.8V DC") ensure that the (rounded) rectangular protrusion is horizontal.
2. Twist the jack clockwise by 90 degrees to lock in place.
3. Verify that the input marked on the AC to DC converter corresponds to your mains voltage.
4. Plug the converter into an electric outlet.
5. Verify that the SP-03V2's display is on.
6. The system will automatically detect and configure the Ethernet connection. If the connection is established an arrow will appear in the top right corner, if the Ethernet cable is disconnected, no indication will appear. If the Ethernet cable is connected but the system could not initialize the TCP/IP configuration, an X will appear.
7. Lift the handset and verify the presence of a dial tone.

5   PROGRAMMING

5.1   Overview

SP-03V2 must be programmed after installation. You can use the backup battery or the AC power supply as operating power while programming.

SP-03V2 is provided with two default codes:

- Default installer code: 8888 – Enables you to program SP-03V2
- Default Master code: 1234 – Enables you to change the master code and modify the User and Master options

We recommend that you change the master and installer codes after using them for the first time.

5.2   Installer Menu

The Installer's menu enables access to the following group of options:

- Change (installer) code
- Zones
- Enrolling
- Security

- Communications
- Messages
- Maintenance
- Select Language

To Enter the Installer Menu:

1.   Press **Menu** until the screen displays **Installer Menu**.

2.   Press **Enter**.

3.   Enter the installer code; the default code is 8888.

4.   Once in the *INSTALLER MENU* use the **Up** and **Down** buttons to scroll the sub menus. Press **Enter** to access the desired sub menu as detailed below.

5.2.1   Change Code

This option enables you to change the installer code with which you enter the system. The default code is 8888.

To change the Installer Code:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *CHANGE CODE* submenu. Press the **Enter** button to access the submenu

3. Type a new four-digit installer code and press **Enter** to save your new code.

5.2.2   Zone Options

This menu allows you to define each of the 16 available zones. You can define the zone type, description, activity type and it's audible chime indication.

To specify Zone Behavior and Options:

1. Access the Installer menu as explained on page 16.

2. Use the Up and Down button to locate the *ZONES* submenu. Press the **Enter** button to access the submenu.

3. Select the required zone by either browsing all 16 using the **Up** and **Down** buttons and confirm with **Enter** or by entering the zone number, using the numeric keypad.

4. Once in the desired zone, use the **Up** and **Down** buttons to browse the options, press **Enter** to access the desired sub menu in order to define several characteristics as follows:

    -   **Zone Type**; select one of the following:

o Interior	o Fire	o 24 Hour Audible
o Perimeter	o 24 Hour Silent	
o Delay		o Chime

    -   **Description**; select one of the fixed descriptions or one of the five (5) editable custom descriptions.
    -   **Chime**; select one of three chimes, or chime off. By default, zone is *CHIME OFF*.
    -   **No Activity**; select *ENABLE* or *DISABLE*, By default the option is *DISABLE*

5.2.3 Enrolling Wireless Devices and Remote Controls

You can enroll up to sixteen (16) detectors, eight (8) remote controls, four (4) remote sirens, four (4) keypads, and four (4) repeaters. The enrollment process can also be done via the software, refer to the software manual for further details.

Before enrolling wireless devices, the installer should determine whether the working frequency of the wireless devices is H (868 MHz) or G (433 MHz). The installer should also be sure that all of these wireless devices contain the appropriate batteries.

To Enroll a Wireless Device or Remote Control:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the ENROLLING submenu. Press the **Enter** button to access the submenu.

3. Select a group of wireless devices: DETECTORS, REMOTE CONTROLS, R. SIRENS, KEYPADS, or REPEATERS.

4. Choose the device number to enroll within the selected device group.

5. If a device exists, the system will display the following message: **Enter to Delete**. To replace the device with a new device, press **Enter** to delete, and continue with Step 4, above.

6. If a device does not exist, the system will display the following message: **Waiting for Signal**. The system will wait for an event to be sent from a wireless device (e.g., Tamper, Alarm).

7. If the system receives an event from any wireless device, the system will provide an audible acknowledgement of receipt, and will display the following message: **Enter to Store**.

8. After you press **Enter**, the system will be ready to enroll the next wireless device.

5.2.4   Security

The following is a list of the various security features of the system:

- Exit Delay
- Entry Delay
- Auto Arming Schedule (for every day of the week)
- Siren Time
- Siren Mode
- Enable Local Siren
- Supervision Time
- Enable Jamming
- No Activity Time

- Enable Trouble Beeps
- Bypass Option
- Enable Forced Arm
- Quick Arm
- Instant Arm
- Emergency Alarm Mode
- Duress Code
- Alarm Cancel
- Alarm Abort Time
- Hide Display
- Key Beeps

Exit Delay

An exit delay enables the user to arm the system, and exit the site through a specified door, after arming the system, without setting off an alarm.

Slow-rate warning beeps sound when the system is armed, the beeping rate increases during the last ten seconds of the delay. The exit delay is set at 30 seconds by default.

To Specify the Exit Delay:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select Exit Delay.

4. Using the numeric keypad, specify the length of time for the exit delay between 1 and 99 seconds and press **Enter** to save your selection.

Note:
Use the **#** key to delete a digit entered by mistake.

Entry Delay

An entry delay enables the user to enter the site through a specified door without setting off an alarm. The entry delay is set at 30 seconds by default.

After entry, the user must disarm the system before the entry delay expires. Slow-rate warning beeps sound upon detection of the specified zone/s, the beeping rate increases during the last ten seconds of the delay.

To Specify the Entry Delay:

1. Access the Installer menu as explained on page 16.
2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.
3. Select *ENTRY DELAY*.
4. Using the numeric keypad, specify the length of time for the entry delay between 1 and 99 seconds and press **Enter** to save your selection.

Note:
Use the # key to delete a digit entered by mistake.

Auto Arming

Auto Arming allows scheduled arming and disarming of the system for all weekdays at different hours.

To Activate Auto Arm:

1. Access the Installer menu as explained on page 16.
2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.
3. Select *AUTO ARMING*.
4. Use the **Up** and **Down** buttons to select the day of the week and press **Enter** to confirm.

5. Use the **Up** and **Down** buttons to select one of the following options and press **Enter** to confirm:

    - Disabled
    - Arm Home
    - Arm Away

6. Enter a time (24 hour time convention) to arm the system using the numeric keys and press **Enter** to confirm the time.

7. Specify the length of time for the alarm between 0 and 9000 minutes and press **Enter** to save your selection.

> **Note:**
> Use the **#** key to delete a digit entered by mistake.

Siren Time

Specifies the amount of time the siren will sound when an alarm has been set off. The siren time is set to three minutes by default. This relates to all siren types, wired, wireless and local.

To Specify the Siren Time:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *SIREN TIME*.

4. Using the numeric keypad, specify the siren time length between 00 and 99 minutes (00 disables the siren) and press **Enter** to save your selection.

Siren Mode

You can specify whether you want the siren to be activated on Away only or both Away and Home alarms, the siren mode is set at **Away + Home** by default. This relates to both wireless and local siren types.

To Specify the Siren Mode:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *AUTO ARMING*.

4. Use the **Up** and **Down** buttons to select either *AWAY* or *AWAY + HOME* and press **Enter** to confirm.

Local Siren

Specifies whether an activated alarm causes an internal siren (emitted from the system's speaker) to sound or remain silent. The local siren is enabled by default.

To Set Up a Local Siren:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *LOCAL SIREN*.

4. Use the **Up** and **Down** buttons to select either *ENABLED* or *DISABLED* and press **Enter** to confirm.

Supervision Time

Specifies the time limit during which the system receives supervision reports from specified wireless devices. If a device does not report-in at least once within the specified time limit, the system initiates an inactivity alert. Default is set to one hour.

To Specify the Supervision Time:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *SUPERVISION TIME*.

4. Use the **Up** and **Down** buttons to select one of the time limit options, **1**, **2**, **4**, **6**, **8**, **16**, **24 or 48** hours, during which the system receives reports. Press **Enter** to confirm.

Enable Jamming

Specifies whether the system detects and reports jamming – interferences on the radio channel used by the system.

The jamming detection is disabled by default.

To Specify Jamming Detection:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *JAMMING*.

4. Use the **Up** and **Down** buttons to select one of the following options and press **Enter** to confirm:

    - **Disabled**: to disable jamming detection
    - **EN enabled**: to enable European standard jamming detection
    - **UL enabled**: to enable US standard jamming detection

No Activity Time

Specifies the time limit in which the system should receive a signal from a sensor used to monitor the activity of sick, elderly or disabled people. If no device detects and reports movement at least once within the specified time limit, a "not active alert" sounds. This option is disabled by default.

To Set the No Activity Time:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *NO ACTIVITY TIME*.

4. Use the **Up** and **Down** buttons to select one of the following options and press **Enter** to confirm:

- **1**, **2**, **5**, **10**, **15**, or **30** minutes
- **Disable** the timer

Note:
Required zones should be set to 'Enabled' for this security feature to work

Enable Trouble Beeps

Determine whether the system will emit a series of four short beeps once a minute for the following "trouble" events: Low battery (SP-03V2 unit and detectors), Supervision loss (detectors), Power failure (SP-03V2 unit), Communication failure (SP-03V2 unit), Tamper (SP-03V2 unit and zones), and RF jamming The default is set to **Disabled**.

To Enable Trouble Beeps:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *ENABLE TROUBLE BEEPS*.

4. Use the **Up** and **Down** buttons to choose *DAY, DAY & NIGHT* or *DISABLED* and press **Enter** to confirm.

Bypass Option

Enables or disables zone bypassing of individual zones, to be later mapped and defined in the master menu.

To Set Bypass options:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *BYPASS OPTION*.

4. Use the **Up** and **Down** buttons to choose *ENABLED* or *DISABLED* and press **Enter** to confirm.

Enable Forced Arm

Forced Arm allows you to arm the system even if the system is not ready, under the condition that all open zones will be closed by the end of the Exit delay. If the zone/s is open when the exit delay expires, an alarm is generated

To Enable Forced Arming:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *ENABLE FORCED ARM*.

4. Use the **Up** and **Down** buttons to choose *ENABLED* or *DISABLED* and press **Enter** to confirm.

Quick Arm

Enables the user to arm the system without entering a code; Quick Arm is set to disable by default.

To Enable/Disable Quick Arming Without a Code:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *ENABLE QUICK ARM*.

4. Use the **Up** and **Down** buttons to choose *ENABLED* or *DISABLED* and press **Enter** to confirm.

Instant Arm

Enables the user to instantly arm the system by bypassing the Exit Delay; Instant Arm is set to disable by default.

To enable/disable the Instant Arm option:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *ENABLE INSTANT ARM*.

4. Use the **Up** and **Down** buttons to choose *ENABLED* or *DISABLED* and press **Enter** to confirm.

Emergency Alarm Mode

The emergency alarm mode allows the user to generate an emergency alarm (audible or silent) by pressing the local emergency button or the remote panic button.

To Set the Emergency Alarm Mode:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *EMERGENCY ALARM*.

4. Use the **Up** and **Down** buttons to select one of the following options and press **Enter** to confirm:

   · **Audible**: to set an audible panic alarm that transmits a message to the CMS or private telephone set.
   · **Silent**: to set a silent panic alarm that transmits a message to the CMS or private telephone set, but without a siren.
   · **Disabled**: to disable the panic alarm button all together.

Duress Code

The system allows you to define a duress code, which a user can enter when forced to disarm the system under duress. By default, the duress code option is disabled, and there is no duress code set.

	Note:
	The duress code should NOT be identical to any other existing code.

To Change the Duress Code:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *DURESS CODE.*

4. Type a new four-digit duress code using the numeric keypad and press **Enter** to save your new code.

To Disable the Duress Code:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *DURESS CODE.*

4. Press the pound key (#), the code will disappear, and the duress code option will be disabled, press **Enter** to save.

Alarm Cancel

Specifies the amount of time during which if the user disarms the alarm, the system sends a "Cancel Alarm" message to the central station. By default, The *ALARM CANCEL* is set to 00 minutes (disabled).

To set the Alarm Cancel:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *ALARM CANCEL.*

4. Using the numeric keypad, set the alarm cancel time between 01 – 99 minutes, or set it to 00 to disable the option.

Alarm Abort Time

The system will sound a warning, but the central station will not receive notification of the alarm if the user disarms the system within the specified alarm abort time. This function applies to interior and/or perimeter zones only. The default is set to 00 minutes (disabled).

To Set the Alarm Abort Time:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *ALARM ABORT TIME*.

4. Using the numeric keypad, set the alarm abort time between 01 – 99 seconds, or set it to 00 to disable the option.

Hide Display

Enables you to specify that when armed, the system will not display the system statuses or other prompts; by default, *HIDE DISPLAY* is off.

To Hide / Display the System Status:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *HIDE DISPLAY*.

4. Use the **Up** and **Down** buttons to select one of the following options and press **Enter** to confirm:
    - **Off** to display status and prompts.
    - **On** to hide status and prompts.

Key Beeps

Choose to turn Key beeps on to hear a beep on each key press; by default, the Key beeps is off.

To Set the Key Beeps:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SECURITY* submenu. Press the **Enter** button to access the submenu.

3. Select *KEY BEEPS*.

4. Use the **Up** and **Down** buttons to select one of the following options and press **Enter** to confirm:

    · **On** to turn the key beeps on
    · **Off** to turn the key beeps off

5.2.5   Communications

The communications parameters include:

· System Telephone (SP-03V2's own number)

· Private Report Settings (including two-way voice activation flag)

· Central Monitoring Station (CMS) Report Settings

· LAN parameters

· Line Test Period & Time

· Power (AC) Fail Report Delay

· Enable Fax Defeat

· Number of Rings

System Telephone

This menu allows you to specify the telephone number used for the ring back option when calling the system telephone.

To Set Up the System Telephone:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *COMMUNICATIONS* submenu. Press the **Enter** button to access the submenu.

3. Select *SYSTEM TELEPHONE*.

4. Using the numeric keypad, enter the telephone number and press **Enter** to confirm. Press the pound key (**#**) to delete the last entered digit.

> **Note:**
> When setting up the system telephone, use a comma (,) to indicate a delay when dialing a number.

Private Report Settings

This menu enables you to set the private telephone report options as detailed below.

To Define the Private Report Settings:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *COMMUNICATIONS* submenu. Press the **Enter** button to access the submenu.

3. Select *PRIVATE REPORT SETTINGS*.

4. Use the **Up** and **Down** buttons to select from the following options and press **Enter** to confirm:

   - **Set Numbers**, specifies the telephone numbers of the subscribers to which the system reports. You can enter up to three numbers.

     o Use the **Up** and **Down** buttons to choose between number 1, 2 or 3 and press **Enter**.

     o Using the numeric keypad, enter the telephone number and press **Enter** to confirm. Press the pound key (**#**) to delete the last entered digit. The asterisk key (*****) inserts a comma.

   Note:
   When setting up the system telephone, use a comma (,) to indicate a delay when dialing a number.

   - **Report Options** specifies the event groups that are included in a report. Use the **Up** and **Down** buttons to Enable or Disable a group, as required and press **Enter** to confirm:

     o **Alarms** (enabled by default)

     o **Troubles** (enabled by default)

     o **Alerts**

     o **Bypass**

     o **Arm/disarm**

     o **Restore**

- **Dialing Attempts** specifies the number of times the system attempts to dial a private number before dialing the next specified private number. Use the **Up** and **Down** buttons to specify between **1**, **2**, **3**, **4**, **5** or **6** dialing attempts press **Enter** to save. The default is **3** attempts.
- **2-Way voice** enable or disable the option for two-way voice user reporting

CMS Report Setup

The installer can specify the various dialing options and number of contact attempts to the CMS, when the system cannot send the message to the CMS for any reason, it will reattempt to send the report for the number of times specified by the installer.

This menu enables you to set up the Central Monitoring Station (CMS) report options:

To Set Up CMS Report Options:

1. Access the Installer menu as explained on page 16.
2. Use the **Up** and **Down** buttons to locate the *COMMUNICATIONS* submenu. Press the **Enter** button to access the submenu.
3. Select *CS REPORT SETUP.*
4. Follow these steps:
   - **CS Report method** specifies the reporting method. Use the **Up** and **Down** buttons to select one of the following and press **Enter** to confirm:
     o   Primary Only
     o   Alternate
     o   Secondary
     o   Both
     o   Disable(default)
   - **CS Primary** specifies the primary telephone number, account code and IP configuration of the first central station to which the system reports in case of an event.
     Follow these steps:

o **Phone Number**, Using the numeric keypad, enter the CS telephone number, press **Enter** to save. Press the pound key (#) to delete the last entered digit.

> **Note:**
> For PABX use the digit followed by "*" and then the full number

o **Receiver IP Address** – Enter the call center's IP address. The IP value is a string of four sets of 3 digits separated by a period. The acceptable value is between 0-255. The system automatically ads the period between strings, but the number must be complete. E.g. 001.010.100.100

o **Primary Receiver Port Number** – Enter the call center's Port Number, the value of the port number is either 5 or 6 digits long.

o **Primary Account Code**, Using the alphanumeric keypad, enter your CS identification code and press **Enter**.

> **Note:**
> The identification code can be 4 (ADEMCO Contact ID), up to 6 digit long and can contain numeric values 0-9 and alphabetic values A, B, C, D, E and F. (for ADEMCO Contact ID value A is disabled)
> Press the alphanumeric buttons (keys 2-9) repeatedly to scroll between the numeric and alphabet values.

o **Report Options** specifies the event groups which are included in a report. Use the **Up** and **Down** buttons to Enable or Disable a group, as required and press **Enter** to confirm:

- § **Alarms** (enabled by default)
- § **Troubles** (enabled by default)
- § **Alerts**
- § **Bypass**
- § **Arm/Disarm**
- § **Restore**

- **CS Secondary** specifies the secondary telephone number, account code and IP configuration. The events reported are

the events specified during setup. Follow the instructions in CS Primary to set the secondary account.

- **CS Primary Protocol**, specifies the reporting protocol used by the system to report events to the primary central station. Currently either **Contact ID** (over Phone Line), or **Contact ID IP** (over Ethernet) are available.
- **CS Secondary Protocol**, specifies the reporting protocol used by the system to report events to the secondary central station. Currently either **Contact ID** (over Phone Line),or **Contact ID IP** (over Ethernet) are available.
- **Dialing Attempts** specifies the number of times the system attempt to dial the primary stations number before attempting to dial the secondary number. Use the **Up** and **Down** buttons to specify between **1**, **2**, **3**, **4**, **5** or **6** dialing attempts press **Enter** to save. The default is **3** attempts.
- **2-Way voice** allows the CS to open a two-way voice communication with the panel in case of trouble event for a predetermined time period.
  - o **CS 2-way voice** – Use the **Up** and **Down** buttons to choose _ENABLED_ or _DISABLED_ and press **Enter** to confirm.
  - o **2WV Timeout** – Use the **Up** and **Down** buttons to select the timeout period between **30 Sec**, **1 Min**, **2 Min**, **3 Min**, or **4 Min** and press **Enter** to save.

Note:
Changing TCP/IP values resets the system.

LAN Parameters

There are two communication types enabled for connecting the AR-P103 Software application to the SP-03V2 Elderly Care Telephone panels. The optional communication types are via modem or TCP.

The TCP/IP is detected and configured automatically, for manual configuration of the TCP/IP connection use the LAN parameters menu.

To manually configure the LAN parameters:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *COMMUNICATIONS* submenu. Press the **Enter** button to access the submenu.

3. Select *LAN PARAMETERS.*

4. Follow these steps:

   - **DHCP** – Determine whether to use automatic or manual IP address. Use the **Up** and **Down** buttons to choose *ENABLED* or *DISABLED* and press **Enter** to confirm.
   - **Subnet IP** – Using the keypad enter the subnet IP address and press **Enter** to confirm.
   - **Gateway IP** – Using the keypad enter the gateway IP address and press **Enter** to confirm.
   - **Local IP** – Using the keypad enter the local IP address and press **Enter** to confirm.
   - **Local port** – Using the keypad enter the local port desired and press **Enter** to confirm. Local port range is between 1 and 65535.

Line Test

Enables you to specify the time when the telephone line and CS reporting is tested and reported to the central station, as well as the number of days between each test (CS periodical reporting).

To set up line test:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *COMMUNICATIONS* submenu. Press the **Enter** button to access the submenu.

3. Select *LINE TEST.*

4. Use the **Up** and **Down** buttons to select between the two options, and press **Enter** to confirm:

   - **Repeats**, specifies the number of days between tests. Using the numeric keypad, choose **1** to **30** days press **Enter** to save; default is **7 Days**.
   - **Test Time** Using the numeric keypad, specifies the time of day (24-hour day convention) to perform the test by typing the four digits of the desired hour, press **Enter** to save. The test time is set at 12:00 by default.

AC Fail Report

This option allows you to specify a delay time, before reporting the power failure to the CS, in which time power may be restored. The time is set to **0** (disabled) by default.

To set up AC fail report:

1. Access the Installer menu as explained on page 16.
2. Use the **Up** and **Down** buttons to locate the *COMMUNICATIONS* submenu. Press the **Enter** button to access the submenu.
3. Select *AC FAIL REPORT.*
4. Using the numeric keypad, set the time between **1 – 240** minutes, or set it to **0** to disable the option, press **Enter** to save.

Fax Defeat

When calling the system, fax and answering machines may need to be overridden. This menu specifies whether to enable or disable this override. By default, this option is disabled.

To set up Fax Defeat:

1. Access the Installer menu as explained on page 16.
2. Use the **Up** and **Down** buttons to locate the *COMMUNICATIONS* submenu. Press the **Enter** button to access the submenu.
3. Select *FAX DEFEAT.*
4. Use the **Up** and **Down** buttons to choose *ENABLED* or *DISABLED* and press **Enter** to confirm

Number of Rings

Specify the number of rings before the system answers the line. By default, this option is set to 8 rings.

To specify the number of rings:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *COMMUNICATIONS* submenu. Press the **Enter** button to access the submenu.

3. Select *NUMBER OF RINGS*.

4. Using the numeric keypad, set the number of rings to between **1** and **15,** and press **Enter** to confirm.

5.2.6   Messages

The messages submenu deals with customizing the systems voice description, text and voice zone descriptions, and message mute options.

When you enter a Custom Zone Message, it is substituted for one of the pre-defined messages. When you choose to restore the system to the factory defaults, the pre-defined messages are restored.

Voice Mute

This option allows you to enable or disable the option to mute all the voice messages and beeps (except for trouble beeps). By default, this option is Disabled.

To set up Voice mute:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *MESSAGES* submenu. Press the **Enter** button to access the submenu.

3. Select *VOICE MUTE*.

4. Use the **Up** and **Down** buttons to choose *ENABLED* or *DISABLED* and press **Enter** to confirm

House Name

Enables you to record and listen to the House Name of the system.

To record a House Name message:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *MESSAGES* submenu. Press the **Enter** button to access the submenu.

3. Select *HOUSE NAME*.

4. Use the **Up** and **Down** buttons to choose between *ENTER TO RECORD* and *ENTER TO LISTEN*.

5. Press **Enter** to start and stop recording.

6. Press **Enter** to start and stop playback after recording.

Custom Zones

Enables you to record and listen to five voice and text custom zones descriptions and to toggle between them. On each zone, the user can simply edit the text by typing the keypad buttons, the text is limited to 16 characters.

To record a Custom Zone message:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *MESSAGES* submenu. Press the **Enter** button to access the submenu.

3. Select *CUSTOM ZONES*.

4. Use the **Up** and **Down** buttons to select custom zone #1 to #5.

5. Use the **Up** and **Down** buttons to choose between *ENTER ZONE NAME*, *ENTER TO RECORD* and *ENTER TO LISTEN*.

    · **Enter Zone Name** – Use the alphanumeric keypad to type the custom name, and press **Enter** to confirm. Repeat for each zone.

    > **Note:**
    > Press the alphanumeric keys repeatedly to scroll between the numeric and alphabet values.

    · **Enter To Record** – Press **Enter** to start and stop recording, wait for a voice prompt and the LCD screen to show *READY*. Once a zone is recorded the system will automatically move to the next zone.

    · **Enter To Listen** – Press **Enter** to start and stop playback after recording.

    > **Note:**
    > Reset to factory settings does not delete these recordings.

5.2.7   Maintenance

The maintenance submenu allows you to restore the unit to factory default settings. It also includes various system tests including: RF Test, Test LED Indicators, and a test for All Sirens. Also in the maintenance submenu are the product version display and the regional telephone settings.

Factory Defaults

This option allows you to restore the default factory settings for the system.

To restore factory default:

1.   Access the Installer menu as explained on page 16.

2.   Use the **Up** and **Down** buttons to locate the MAINTENANCE submenu. Press the **Enter** button to access the submenu.

3.   Select FACTORY DEFAULT.

4.   Press the **Enter** button to confirm.

LAN Defaults

This option allows you to restore the LAN default settings for the system.

To restore LAN default setings:

1.   Access the Installer menu as explained on page 16.

2.   Use the **Up** and **Down** buttons to locate the MAINTENANCE submenu. Press the **Enter** button to access the submenu.

3.   Select LAN DEFAULT.

4.   Press the **Enter** button to confirm.

RF Test

The RF test checks the signal strength of all the wireless devices enrolled to the system. If a weak signal is detected, a repeater may be used to improve the link quality. Otherwise, the battery should be replaced.

If an attempt is made to test a device from a different group of RF devices, or to test a device that the system does not recognize, the system beeps with a "negative beep." After a few seconds of silence, the system clears any previous test results before it runs another RF test.

To perform the test:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *MAINTENANCE* submenu. Press the **Enter** button to access the submenu.

3. Select *RF TEST.*

4. Use the **Up** and **Down** buttons to select the test you wish to perform, press the **Enter** button to access the test. The available tests are:
   - Test Detectors
   - Test Remote Controls
   - Test Remote Siren
   - Test Keypads
   - Test Repeaters

5. Activate the RF unit to send a signal to the unit. The results can be **Strong**, **Normal**, or **Low**.

6. To exit the RF test mode you must press the **Cancel** button twice.

Test (LED) Indicators

The indicator test checks the functioning of the two indicator LEDs (**Power Status** and **Communication**).

To test the indicators:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *MAINTENANCE* submenu. Press the **Enter** button to access the submenu.

3. Select *TEST INDICATORS.*

4. Press the **Enter** button to confirm. The LEDs will blink three (3) times.

Siren Test

The available sirens are activated in order to test them.

To test the sirens:

1. Access the Installer menu as explained on page 16.
2. Use the **Up** and **Down** buttons to locate the *MAINTENANCE* submenu. Press the **Enter** button to access the submenu.
3. Select *TEST SIRENS.*
4. Use the **Up** and **Down** buttons to select a siren from one of the following sirens:
    - Local Siren
    - R. Siren (remote)
        - o Siren #01
        - o Siren #02
        - o Siren #03
        - o Siren #04
5. Press **Enter** to activate the sounder.
6. Press **ESC** to stop the siren.

Product Version

This menu allows you to display the system's firmware version number; this option is normally used if you are contacting support for assistance.

To View the Firmware Version:

1. Access the Installer menu as explained on page 16.
2. Use the **Up** and **Down** buttons to locate the *MAINTENANCE* submenu. Press the **Enter** button to access the submenu.
3. Select *PRODUCT VERSION.*
4. Press **ESC** to exit.

Clear History Log

Deletes all the events within the history log file.

To clear the history log:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *MAINTENANCE* submenu. Press the **Enter** button to access the submenu.

3. Select the *CLEAR HIST. LOG* submenu.

4. Press the **Enter** button to confirm.

Select Region

Select the region in which the time is set for the system. By default, this option is set to **Other**.

To select the region:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *MAINTENANCE* submenu. Press the **Enter** button to access the submenu.

3. Select the *SELECT REGION* submenu.

4. Use the **Up** and **Down** buttons to select the region from the list of available regions and press **Enter** to confirm.

5.2.8   System Language Settings

You can select the system language, which affects both the menu display and voice announcements.

To Set the System Language:

1. Access the Installer menu as explained on page 16.

2. Use the **Up** and **Down** buttons to locate the *SELECT LANGUAGE* submenu. Press the **Enter** button to access the submenu.

3. Use the **Up** and **Down** buttons to select the desired language and press **Enter** to confirm.

> **Note:**
> The system currently only supports **English**, **Portuguese** and **Spanish**.

5.3   Master Menu

The master menu enables basic user settings:

- Edit Master Code
- User Code setup
- Set Date & Time
- Private numbers
- Quick Dial phone numbers
- Forced Hang-up settings
- Logs
- Bypass options

To enter the master menu:

1. Press **Menu** until the screen displays **Master Menu**.
2. Press **Enter**.
3. Enter the master code; the default code is 1234.
4. Once in the *MASTER MENU* use the **Up** and **Down** buttons to scroll the submenus. Press **Enter** to access the desired submenu as detailed below.

5.3.1   Edit Master Code

This option enables you to change the master code with which you enter the system. The default code is 1234.

To change the Master Code:

1. Access the Master menu as explained on page 41.
2. Use the **Up** and **Down** buttons to locate the *EDIT MASTER CODE* submenu. Press the **Enter** button to access the submenu
3. Type a new four-digit installer code and press **Enter** to save your new code.

5.3.2   Defining User Codes

The SP-03V2 can hold up to 16 different users.

To Define a User Code:

1.   Access the Master menu as explained on page 41.

2.   Use the **Up** and **Down** buttons to locate the USER CODES submenu. Press the **Enter** button to access the submenu.

3.   Use the **Up** and **Down** buttons to select the user number (from 01-16) you wish to define.

4.   Using the numeric keypad, type a 4-digit code and press **Enter** to save. Press the pound key (**#**) to delete the last entered digit.

5.3.3   Setting Date and Time

Use the menu to set the system's date and time.

To Set the Date & Time:

1.   Access the Master menu as explained on page 41.

2.   Use the **Up** and **Down** buttons to locate the SET DATE & TIME submenu. Press the **Enter** button to access the submenu.

3.   Using the **Menu** button, select **Date and Time**, and press **Enter**.

4.   The following options appear:

   · **Enter Time** – Enter the time, using the alphanumeric keypad, and press **Enter.**
   · **Day of the Week** – Use the **Up** and **Down** buttons to scroll a day at a time.
   · **Enter Date** – Enter the date, using the alphanumeric keypad, and press **Enter** to confirm.
   · **Date and Time Format** – Use the **Up** and **Down** buttons to choose the DATE FORMAT and the TIME FORMAT:

      o DATE FORMAT – Use the **Up** and **Down** buttons to specify the format in which the date is displayed (DD-MM-YY or MM-DD-YY), and press **Enter** to confirm your selection.

      o TIME FORMAT – Use the **Up** and **Down** buttons to toggle between 24-hour format and AM/PM format and press **Enter** to confirm your selection.

5.3.4 Setting Private Telephone Numbers

You can set up to three private telephone numbers for the system to call when an event occurs.

To Set a Private Telephone Number:

1. Access the Master menu as explained on page 41.

2. Use the **Up** and **Down** buttons to locate the PRIVATE NUMBERS submenu. Press the **Enter** button to access the submenu.

3. Use the **Up** and **Down** buttons to select the private phone number (1, 2 or 3) you wish to define.

4. Using the numeric keypad, enter the telephone number and press **Enter** to confirm. Press the pound key (**#**) to delete the last entered digit. The asterisk key (*) inserts a comma.

Note:
When setting up the system telephone, use a comma (,) to indicate a delay when dialing a number.

5.3.5 Quick Dial Phone

You can set ten quick dial telephone numbers (between 00 and 09), and enter both a name and telephone number associated with it to quick dial from the Main screen.

To Set a Quick Dial Telephone Number:

1. Access the Master menu as explained on page 41.

2. Use the **Up** and **Down** buttons to locate the Q-DIAL PHONES submenu. Press the **Enter** button to access the submenu.

3. Use the **Up** and **Down** buttons to select the quick dial number (#00-#09) you wish to define and press the **Enter** button.

4. Use the **Up** and **Down** buttons to select either CHANGE NAME or CHANGE NUMBER press **Enter** to confirm:

    · CHANGE NAME – Use the alphanumeric keypad to type the quick dial entry name and press **Enter** to confirm

> **Note:**
> Press the alphanumeric keys repeatedly to scroll between the numeric and alphabet values.

- Change Number – Use the numeric keypad to type the telephone number and press **Enter** to confirm. Press the pound key (#) to delete the last entered digit. The asterisk key(*) inserts a comma.

> **Note:**
> When setting up the system telephone, use a comma (,) to indicate a delay when dialing a number.

5.3.6 Forced Hang up

You can force the phone to hang up, leaving the line free for emergency purposes. The system prioritize alarms and CMS / private report communication, when a report is being sent to the CMS or to a private contact, the system forces a hang up of any current call, and does not allow a call to be initiated.

To Define the Forced Hang-Up Option:

1. Access the Master menu as explained on page 41.
2. Use the **Up** and **Down** buttons to locate the *FORCED HANGUP* submenu. Press the **Enter** button to access the submenu.
3. Use the **Up** and **Down** buttons to select *ENABLED* or *DISABLED*, and press **Enter** to confirm. (The default is *DISABLED*.)
4. If you chose **Enabled**, use the numeric keypad to enter the time-out period (in minutes) for the forced hang up to take effect (The default is 20 minutes), and press **Enter**.

5.3.7 Logs

You can view and clear event and history logs.

To Access the Various Log Options:

1. Access the Master menu as explained on page 41.
2. Use the **Up** and **Down** buttons to locate the *LOGS* submenu. Press the **Enter** button to access the submenu.

3. Use the **Up** and **Down** buttons to select the desired log option and press **Enter** to confirm.

   · **History Logs** – opens the complete log which includes all events (alarms, trouble warnings, etc.).
   · **Event Log** – Opens only the alarm event log.

4. To exit the log, press the **Cancel** button.

5.3.8 Setting Zone Bypass

You can define certain zones to be bypassed when arming the system to deal with various situations, such as when the sensor battery is low and sends an event, or when the system is armed while someone is still on premises. You must determine whether or not to activate the zone bypass.

> **Note:**
> This feature is available to only if the installer enables it from the installer menu. See Bypass Option, on page 24.

To Define Bypass Zones:

1. Access the Master menu as explained on page 41.

2. Use the **Up** and **Down** buttons to locate the *BYPASS OPTIONS* submenu. Press the **Enter** button to access the submenu.

3. Set the bypass map – Use the **Up** and **Down** buttons to select *SET BYPASS MAP*.

   · Use the **Up** and **Down** buttons to select the desired zone (zones 01 through 16) and press **Enter**.
   · Use the **Up** and **Down** buttons to select *BYPASS* or *UNBYPASS*, and press **Enter** to confirm.

4. Clear the entire bypass map – Use the **Up** and **Down** buttons to select *CLEAR BYPASS MAP* – this returns all zones to default bypass setting. Press **Enter** to confirm deletion.

5. Set the bypass behavior – Use the **Up** and **Down** buttons to select *SET ACTIVATION* – choose the activation behavior to either **Always**, **Once**, or not at all (**Off**).

5.4   Reminder Mode

Reminders are used by the elderly to remind them of which medication to take, and when to take it. The Reminder Mode enables the user to program the pill name (up to eight different pills), and the time to take the dosage (maximum of 8 dosages per day). The user can configure the reminders by the day of the week.

To enter the Reminder Mode:

1. Press **Menu** until the screen displays the current day of the week in the second line of the screen. (The first line contains the date and time.)Press **Enter**.

2. The program reminder is displayed on the screen. Press **Enter** to start reminder programming.

3. Use the **Up** and **Down** buttons to locate the *FAIL REPORT* submenu. Press the **Enter** button to access the submenu.

    · Use the **Up** and **Down** buttons to set the fail report flag to *ENABLED* or *DISABLED.*
    · Press **Enter** to confirm.
    · If the flag was enabled, and the user failed to acknowledge the flag (by pressing any key within a predefined number of notifications), the system will send an Emergency Alarm message to the Central Monitoring Station (CMS). This global parameter is used by all reminders.

4. Use the **Up** and **Down** buttons to locate the *ALERT REPEAT* submenu. Press the **Enter** button to access the submenu.

    · Use the **Up** and **Down** buttons to set the number of reminder repetitions (between #03 and #12).
    · Press **Enter** to confirm.

    This option sets the number of times that the voice prompt ("Take your pill") is repeated.

5. Use the **Up** and **Down** buttons to locate the *SET REMINDERS* submenu. Press the **Enter** button to access the submenu.

6. Set a pill reminder, Use the **Up** and **Down** buttons to select reminder #1 through #8. Press the **Enter** button to access the reminder settings:

    · *CLEAR REMINDER* – Click twice on **Enter** to clear the reminder.

- *DAY OF THE WEEK* – Use the **Up** and **Down** buttons to select a day of the week, press **Enter**, and select either **Enabled** or **Disabled**.
- *PILL NAME* – Use the alphanumeric keypad to type the name of the pill, and press **Enter** to confirm.
- *DOSAGE* – Use the **Up** and **Down** buttons to select the dosage number(01-08) and press **Enter** to confirm.

  o Use the **Up** and **Down** buttons to select *ENABLED* or *DISABLED*, and press **Enter** to confirm.

  o If enabled, use the numeric keys to set the time (hour and minute) for the dosage. Click **Enter** to confirm.

6   REMOTE AND LOCAL PC PROGRAMMING

The SP-03V2 SecuraCare PC application, implements TCP/IP and modem communication as well as direct USB to USB (type A) local cable connection*.

Connect the SP-03V2 unit to the PC via any one of the options above.

The user must choose a communication channel in order to perform any of the following actions:

- Configure an SP-03V2IP address and port on a local area network (LAN) – only if TCP/IP communication has been chosen.

Note:
It is crucial to reset your SP-03V2 Panel after changing its IP Address and Port Number!

- Choose (without changing) an SP-03V2 IP address and port on a wide area network (WAN) that differs from the WAN on which the PC is located – only if TCP/IP communication has been chosen.
- Upload an existing SP-03V2 configuration
- Download an SP-03V2 configuration, whose settings have been changed
- View and clear history log, and view alarm event log
- View SP-03V2 monitoring online and perform remote actions (arm, disarm, bypass, un-bypass, and so forth)
- One-time Actions
- Upgrade SP-03V2 Firmware

For more details regarding PC configuration and actions refer to the SP-03V2 software manual.

*Check USB connection Availability

7   READING THE EVENT LOG

The SP-03V2 event log stores up to 128 events. When the log is full, the new incoming event replaces the oldest event.

Events are displayed in a chronological order, and include the date and time of their occurrence.

Access the event log via the master menu as explained in section 5.3.75.3.7 Logs, on page 45.

Browse the event log using the **UP** and **Down** buttons, press **Enter** to view the date and time of the occurrence.

Press **OK** to clear the event log

Appendix A.   DEFAULT ZONE DESCRIPTIONS

Main Entrance	Bedroom	Lower Bathroom
Back Door	Master Bedroom	Upper Bathroom
Garage	Laundry Room	Downstairs
Garage Door	Office	Warehouse
Front Yard	Kitchen	Walkway
Back Yard	Bathroom	Gate
Living Room	Master Bathroom	Hall
Child Room	Attic	Closet
Guest Room	Basement	Emergency
Yard Door	Guest Bathroom	Library
Dining Room	Den	Fire
Elevator	Store	Upstairs
Vehicle Door	Lower Bathroom	Storage Room

Appendix B.   CUSTOM ZONE DESCRIPTIONS

Custom Zone	Description
Custom #1	
Custom #2	
Custom #3	
Custom #4	
Custom #5	

Appendix C. DETECTOR DEPLOYMENT PLAN

Zone No.	Zone Type	Description	Chime*	No Activity Zone	Remarks
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					

*Chime can be disabled or enabled with one of three (3) chime types

Appendix D.   ACCESSORIES

D.1.   Remote Control

No.	Holder Name	Normal Operation	Status Request
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			

D.2.   Repeaters

No.	Location
1.	
2.	
3.	
4.	

D.3. Sirens

No.	Location
1.	
2.	
3.	
4.	

D.4. Keypads

No.	Location
1.	
2.	
3.	
4.	

Appendix E. REPORTING CODES

The Table below provides a listing of the codes used to communicate with the CMS.

E.1. Key/Arm-Disarm Events

Index	Feature Description	CID
01	Disarm	E401
02	Disarm After Alarm	E401
03	Full Arm (Away)	R401
04	Perimeter Arm (Home)	R441
05	Quick Arm (Away)	R408
06	Quick Arm (Home)	R408
07	Auto Arm	R403
08	Remote Arm	R407
09	Remote Disarm	E407
10	Duress	E121
11	Forced Arm	R570
12	"not used"	
13	Burglary Zone Bypass	E573

E.2. Trouble Events

Index	Feature Description	CID
14	AC Loss Trouble	E301
15	Panel Tamper Alarm	E137
16	System Battery Low	E302
17	RF Interference (Jamming)	E344
18	Communication Line Loss	E351
19	External Communication (Dialer) Failure	E354
20	Door / Window Swing Trouble	E377

Index	Feature Description	CID
21	Inaccurate Time Trouble	E616
22	AC Restore	R301
23	Tamper Restore	R137
24	System Battery Restore	R302
25	RF Interference (jamming) Restore	R344
26	Communication Line Restore	R351
27	External Communication (Dialer) Restore	R354
28	Door / Window Swing Trouble Restore	R377
29	Inaccurate Time Trouble Restore	R616

E.3. Test and Miscellaneous Events

Index	Feature Description	CID
30	Manual Test	E601
31	Periodic Test	E602
32	Alarm cancelled by user	E406
33	log overflow	E624
34	Listen-In To Follow	E606

E.4. Emergency Events

Index	Feature Description	CID
35	Medical Pendant Transmitter Alarm	E101
36	Panic Alarm	E120
37	Medical Alarm	E100
38	Supervision Loss (No Activity Alarm)	E382

E.5. Zone Events

Index	Feature Description	CID
39	Sensor Tamper Alarm	E144
40	Sensor Tamper Restore	R144
41	Burglar Zone Alarm	E130
42	Burglar Zone Restore	R130
43	24hr Zone Alarm	E133
44	24hr Restore	R133
45	Sensor (zone) Trouble	E380
46	Sensor (zone) Trouble Restore	R380
47	Fire Zone Alarm	E110
48	Fire Zone Alarm Restore	R110
49	Fire Zone Trouble	E373
50	Fire Zone Trouble Restore	R373
51	Emergency (Panic) Zone Alarm	E120
52	Emergency (Panic) Alarm Restore	R120
53	24H (Fire) Zone Bypass	E572
54	Zone Supervision (RF) Loss	E381
55	Zone Supervision (RF) Restore	R381

Appendix F. DECLARATION Of CONFORMITY

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

· Reorient or relocate the receiving antenna.
· Increase the separation between the equipment and receiver.
· Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
· Consult the dealer or an experienced radio/TV technician for help.

Appendix G. LIMITED WARRANTY

ROSSLARE ENTERPRISES LIMITED S (Rosslare) TWO YEARS LIMITED WARRANTY is applicable worldwide. This warranty supersedes any other warranty. Rosslare's TWO YEARS LIMITED WARRANTY is subject to the following conditions:

Warranty

Warranty of Rosslare's products extends to the original purchaser (Customer) of the Rosslare product and is not transferable.

Products Covered By This Warranty and Duration

ROSSLARE ENTERPRISES LTD. AND / OR SUBSIDIARIES (ROSSLARE) warrants that the SP-03V2 Advanced Wireless Intrusion system panel, to be free from defects in materials and assembly in the course of normal use and service. The warranty period commences with the date of shipment to the original purchaser and extends for a period of 2 years (24 Months).

Warranty Remedy Coverage

In the event of a breach of warranty, ROSSLARE will credit Customer with the price of the Product paid by Customer, provided that the warranty claim is delivered to ROSSLARE by the Customer during the warranty period in accordance with the terms of this warranty. Unless otherwise requested by ROSSLARE ENTERPRISES LTD. AND / OR SUBSIDIARIES representative, return of the failed product(s) is not immediately required.

If ROSSLARE has not contacted the Customer within a sixty (60) day holding period following the delivery of the warranty claim, Customer will not be required to return the failed product(s). All returned Product(s), as may be requested at ROSSLARE ENTERPRISES LTD. AND /OR SUBSIDIARY'S sole discretion, shall become the property of ROSSLARE ENTERPRISES LTD. AND /OR SUBSIDIARIES.

To exercise the warranty, the user must contact Rosslare Enterprises Ltd. to obtain an RMA number after which, the product must be returned to the Manufacturer freight prepaid and insured

In the event ROSSLARE chooses to perform a product evaluation within the sixty (60) day holding period and no defect is found, a minimum US$ 50.00 or equivalent charge will be applied to each Product for labor required in the evaluation.

Rosslare will repair or replace, at its discretion, any product that under normal conditions of use and service proves to be defective in material or workmanship. No charge will be applied for labor or parts with respect to defects covered by this warranty, provided that the work is done by Rosslare or a Rosslare authorized service center.

Appendix G. LIMITED WARRANTY

Exclusions and Limitations

ROSSLARE shall not be responsible or liable for any damage or loss resulting from the operation or performance of any Product or any systems in which a Product is incorporated. This warranty shall not extend to any ancillary equipment not furnished by ROSSLARE, which is attached to or used in conjunction with a Product, nor to any Product that is used with any ancillary equipment, which is not furnished by ROSSLARE.

This warranty does not cover expenses incurred in the transportation, freight cost to the repair center, removal or reinstallation of the product, whether or not proven defective.

Specifically excluded from this warranty are any failures resulting from Customer's improper testing, operation, installation, or damage resulting from use of the Product in other than its normal and customary manner, or any maintenance, modification, alteration, or adjustment or any type of abuse, neglect, accident, misuse, improper operation, normal wear, defects or damage due to lightning or other electrical discharge. This warranty does not cover repair or replacement where normal use has exhausted the life of a part or instrument, or any modification or abuse of, or tampering with, the Product if Product disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.

ROSSLARE does not warrant the installation, maintenance, or service of the Product. Service life of the product is dependent upon the care it receives and the conditions under which it has to operate.

In no event shall Rosslare be liable for incidental or consequential damages.

Limited Warranty Terms

THIS WARRANTY SETS FORTH THE FULL EXTENT OF ROSSLARE ENTERPRISES LTD. AND IT'S SUBSIDIARIES' WARRANTY

THE TERMS OF THIS WARRANTY MAY NOT BE VARIED BY ANY PERSON, WHETHER OR NOT PURPORTING TO REPRESENT OR ACT ON BEHALF OF ROSSLARE.

THIS LIMITED WARRANTY IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES. ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE SPECIFICALLY EXCLUDED.

IN NO EVENT SHALL ROSSLARE BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, OR FOR ANY OTHER INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF USE, LOSS OF TIME, COMMERCIAL LOSS, INCONVENIENCE, AND LOSS OF PROFITS, ARISING OUT OF THE INSTALLATION, USE, OR INABILITY TO USE SUCH PRODUCT, TO THE FULLEST EXTENT THAT ANY SUCH LOSS OR DAMAGE MAY BE DISCLAIMED BY LAW.

THIS WARRANTY SHALL BECOME NULL AND VOID IN THE EVENT OF A VIOLATION OF THE PROVISIONS OF THIS LIMITED WARRANTY.

Appendix H. TECHNICAL SUPPORT

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