

HomeLogiX

SPN6G (HLX40)

Advanced Wireless Security Panel

Installation Manual



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ROSSLARE
SECURITY PRODUCTS

Table of Contents

1.	<i>INTRODUCTION</i>	5
1.1	General	5
1.2	Special Features	5
1.3	Information to User	5
2.	<i>HOMOLOGIX™ QUICK REFERENCE</i>	6
2.1	The Panel	6
2.2	The Keypad	7
2.2.1.	Keypad Operated Functions.....	8
2.3	Sound Indicators	9
2.4	LED Indicators	9
3.	<i>SPECIFICATIONS</i>	10
3.1	RF Data	10
3.2	Environmental Data	10
3.3	Electrical Data	10
3.4	Communication	11
4.	<i>USER MENU STRUCTURE</i>	12
5.	<i>INSTALLATION</i>	13
5.1	Unpacking the Equipment	13
5.1.1.	HomeLogiX™ Package Content.....	13
5.2	Supply Power to the Unit	13
5.3	Planning & Programming	13
5.4	Wiring the System	13
5.4.1.	Wiring the HomeLogiX™	13
5.4.2.	SIREN RELAY OUTPUT Wiring to External Siren.....	14
5.4.3.	Wiring Auxiliary Outputs 1 and 2.....	14
5.4.4.	Wiring the ZONE 1 Wired Input:	15
5.4.5.	Wiring the Wired Tamper Input.....	15
5.4.6.	Wiring the HomeLogiX™ Telephone connectors	15
5.5	Connect the AC Transformer	16
5.6	Connecting to a Computer	16
5.7	Mounting the Back-plate	16
5.7.1.	General.....	16
5.7.2.	Required Space	17
5.8	Dismounting the Control Panel	18
5.9	Replacing the Backup Battery	18
6.	<i>PROGRAMMING HOMOLOGIX™</i>	19
6.1	Overview	19

6.2	Enrolling Wireless Devices and Remote Controls	19
7.	<i>INSTALLERS MENU</i>	20
7.1	Accessing the Installer Menu	20
7.2	Change Code	20
7.3	Zones	21
7.4	Enrolling	22
7.4.1.	Detectors	22
7.4.2.	Remote Controls	23
7.4.3.	RF Siren	23
7.4.4.	Keypads	24
7.4.5.	Repeaters.....	24
7.5	Security	24
7.5.1.	Exit Delay	25
7.5.2.	Entry Delay	25
7.5.3.	Auto Arming	26
7.5.4.	Siren Time	26
7.5.5.	Siren Mode.....	26
7.5.6.	Relay Polarity	26
7.5.7.	Local Siren.....	27
7.5.8.	Supervision Time.....	27
7.5.9.	Jamming.....	27
7.5.10.	No Activity Time.....	27
7.5.11.	Trouble Beeps.....	28
7.5.12.	Bypass.....	28
7.5.13.	Quick Arm	28
7.5.14.	Panic Button.....	29
7.5.15.	Duress Code.....	29
7.5.16.	Alarm Cancel	29
7.5.17.	Alarm Abort Time	29
7.5.18.	Backlight Time	30
7.5.19.	Hide Display	30
7.5.20.	Key Beeps.....	30
7.6	Communications	31
7.6.1.	System Telephone.....	31
7.6.2.	Private Report	31
7.6.3.	CS Report Setup.....	32
7.6.4.	Line Test	33
7.6.5.	AC Fail Report.....	33
7.6.6.	2-Way Voice Behavior	33
7.6.7.	Fax Defeat.....	34
7.6.8.	Number of Rings.....	34
7.6.9.	Select Region	34
7.7	Automation	35
7.7.1.	Keypad Manual.....	35
7.7.2.	Set Triggers.....	35
7.8	Messages	36
7.8.1.	Keypad Mute	36
7.8.2.	House Name.....	36
7.8.3.	Custom Zones	36
7.9	Maintenance	37
7.9.1.	Factory Defaults.....	37
7.9.2.	RF Test.....	37

7.9.3.	Test Indicators.....	38
7.9.4.	Sirens test.....	38
7.9.5.	Test Devices.....	38
8.	<i>READING THE EVENT LOG</i>	39
I.1	HomeLogiX™ Compatible Detectors	40
I.2	HomeLogiX™ Compatible Remotes	42
I.3	Other HomeLogiX™ Accessories	44
II.1	Default Zone Descriptions	45
II.2	Custom Zone Descriptions	45
II.3	Detector Deployment Plan	45
II.4	Remote Control	47
III.1	Reporting codes	48
IV.1	Limited Warranty	50

1. INTRODUCTION

1.1 General

The HomeLogiX™ panel by Rosslare is the perfect wireless security system for intrusion protection of the home, or small office providing security monitoring and VIP Voice messaging.

Users receive the latest RF technology in a wide selection of advanced wireless sensors and remotes, and benefit from smooth and easy operation of a large number of security and communication options.

The HomeLogiX™ panel, while easy to install and set up, **must be installed professionally** via local programming and via direct or modem connection to a PC running the HomeLogiX™ 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. **This product has only one available channel.**

VIP features include Voice Assist, where the panel uses voice to prompt the user, Private Messaging to three destinations, with an optional 2-way voice session for every message.

1.2 Special Features

- 40 zones – 39 wireless zones, 1 wired zone and tamper
- Supports 8 remote controls, 4 sirens and 4 wireless keypads
- Programmable remote-control buttons
- Interactive telephone voice menu (Voice interactive system)
- Flexible PGM automation features
- Five Custom textual and recordable zone descriptions
- Advanced testing and diagnostics options
- Remote (telephone) two-way voice and listen-in
- Programmable No Activity timer (Version 2.0 and up)

1.3 Information to User

Pursuant to FCC §15.21 [54 FR 17714 , Apr. 25, 1989, as amended at 68 FR 68545 , Dec. 9, 2003], changes or modifications made to equipment, which are not expressly approved by Rosslare Enterprises, Ltd., may void the user's authority to operate the equipment.

NOTE: 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.

2. HOMOLOGIX™ QUICK REFERENCE

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

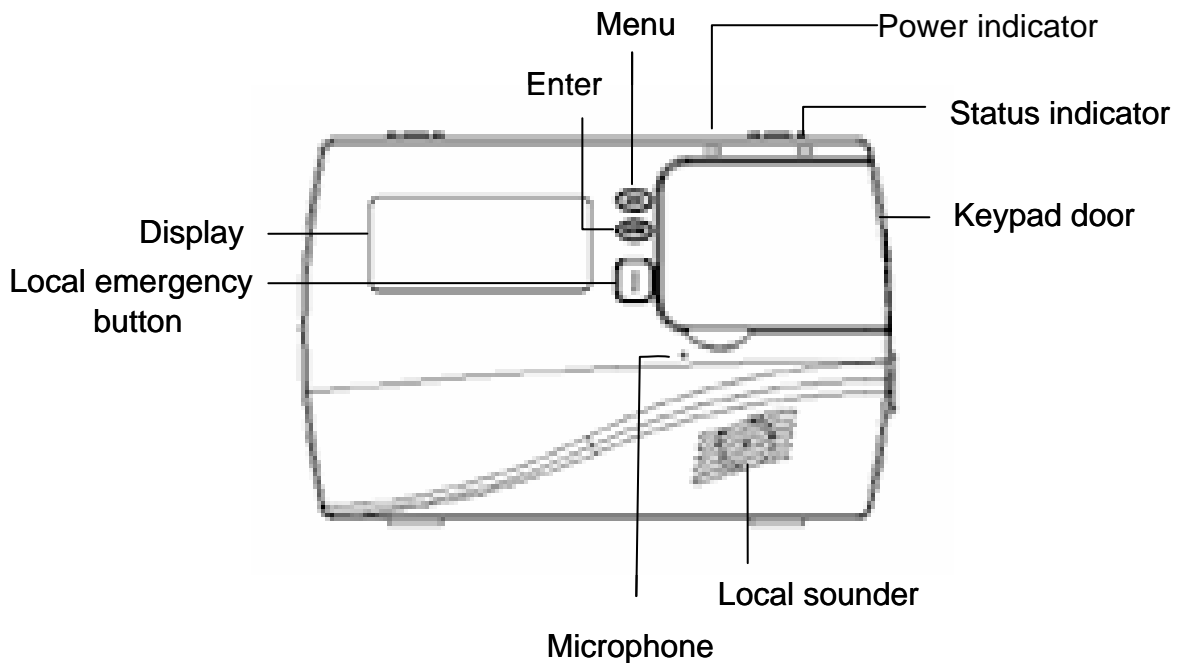


Figure 1: HomeLogiX™ Panel

Menu	Use to navigate between menus.
Power indicator	Power LED: Red
Status indicator	Status LED: green On: system armed. Off: system disarmed. Flash: entry and exit delay (according to beep rate)
Keypad door	Open to access the keypad buttons
Local sounder	System speaker
Microphone	Enables the recording of voice messages
Local emergency button	Keep pressed for 3 seconds to sound a standard panic alarm
Display	LCD display
Enter	Accept an entry or selection

2.2 The Keypad

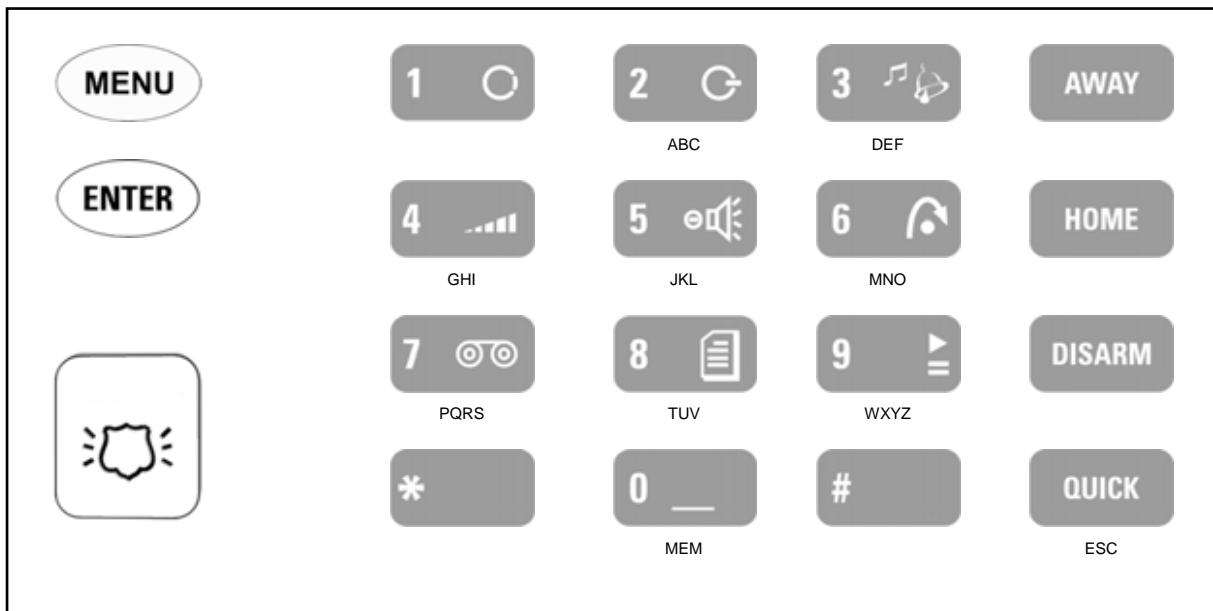


Figure 2: Keypad

The following table describes the keypad functions:

Key	Press to
Menu	Navigate between User and Installer menus, and Normal mode. Navigate to the next menu or the next option within a menu.
Enter	Accept an entry or selection.
Local emergency	When pressed for 3 seconds a standard panic alarm Sounds
Keys 0 - 9	Enter alphanumeric entries. Press 0 to enter a space.
Away	Arms all sensors and detectors for use when there is no one at home/office
Home	Arms all perimeter sensors and detectors as defined by the installer. For use when home/office is occupied
Disarm	Disarms all armed sensors and detectors
Quick (Esc)	Ignore an entry or move one level up in a menu.

2.2.1. Keypad Operated Functions

When the system is idle, the alphanumeric keys initiate the following commands:

Press	To
0	<p>Memory Display Press once to display the alarms caused during the last arming period per zone. The first line of the displays shows the alarm memory, and the second line shows the zone description, event and time. The display toggles between zone description and the date by pressing the Enter button. Press Menu to display the next alarmed zone. Press Esc to exit.</p>
1	<p>PGM ON Press once to enter PGM activation mode, the PGM status is indicated on the right. Press 1 to activate PGM 1 and/or 2 to activate PGM 2.</p>
2	<p>PGM OFF Press once to enter PGM deactivation mode, the PGM status is indicated on the right. Press 1 to deactivate PGM 1 and/or 2 to deactivate PGM 2.</p>
3	<p>Chime ON/OFF Manually toggle the chime on and off.</p>
4	<p>Volume Manually toggle the beep volume level.</p>
5	<p>Voice ON/OFF Manually toggle voice messages on and off.</p>
6	<p>Bypass Enter the User menu Bypass option.</p>
7	<p>Record User Message Record a voice message of up to 15 seconds. Press and hold key 7 for 3 seconds to erase a message.</p>
8	<p>Event Log Display Press once to display the event log. The first line of the display shows the event log and the second line shows the zone description (or system, if a system event is displayed), event date and time. The display toggles between zone description and the date by pressing the Enter button. Press again or press Menu to display the next event. Press Esc to exit the menu. Note that a master code is required to access this function.</p>
9	<p>Play User Message Listen to voice messages.</p>

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
Two short beeps	Button not pressed for a period of 30 seconds (except during test mode). The system automatically exits the current menu.
Three short beeps	An entry is successfully accepted.
Nine short beeps	Forced arming or zone bypass
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

2.4 LED Indicators

This section describes the LED indicators of the power and status indicators

LED	Behavior
Power LED	Red On when the system is ON.
Status LED	Green OFF when system is disarmed ON when system is armed. Flashing during entry/exit delay, according to the beep rate specified

3. SPECIFICATIONS

3.1 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 HomeLogiX™ system has optimum range if installed according to the manufacturer's recommendations, though this range may be affected by radio noise from high-power nearby sources, or interference with the signal (blocking) by large metal surfaces, or multiple concrete walls.

3.2 Environmental Data

- Operation temperature: 0° – 60° C (32° F - 140° F)
- Storage temperature: -25 ° – 70° C (-13° F - 158° F)
- Relative humidity: 85% at 30° C Non condensing
- Dimensions: 220mm (L) x 140mm (W) x 48mm (D) (8.7"(L) x 5.5" (W) x 1.9" (D))
- Weight: 595gr. (1.3lbs.)

3.3 Electrical Data

- Display: 2 Lines of 16 characters, backlit LCD
- Two fully programmable PGM open collector outputs, 200mA, PTC protected
- External Siren output of 1A relay
- Case tamper protection
- On-board, supervised wired zone and wired tamper inputs
- Local, 87dbA siren
- External power supply: 220VAC / 50Hz, 110VAC / 60Hz (15VDC, 800mA)
- Current consumption: 250mA (standby), 500mA (max)
- Auxiliary power output: 12VDC, 500mA max
- Internal backup battery: 800mAh for 2 hours standby, 2 hours full alarm

3.4 Communication

- Frequencies: 433.92MHz (G version) and 868.35MHz (H version)
- RF Jamming detection (UL / EN selectable)
- Proprietary anti-collision RF protocol
- Programmable no-activity timer 1-30 minutes, per zone
- Two Central station numbers and accounts, backup and secondary modes
- Reporting protocols: Contact ID
- Three Private telephone numbers for voice reporting, and two way voice communications
- Local connection (with MD-62) port for local upload/download, and remote programming by PC software
- Built-in telephone dialer and 300 Baud modem

4. USER MENU STRUCTURE

The user menu enables basic user settings such as setting the date and time, and changing user codes. Up to twenty users can access most of the user menu settings, each with their own code, including one master user who has access to all the settings. Settings marked with an **(M)** can be accessed by the master user only, and appear only if the master code was entered.



Note:

If the master code has not been specified, and the installer has set the zone bypass to **Off**, the user menu is unavailable to regular users

To enter the user menu:

1. Press **Menu** until the screen displays **User**.
2. Press **Enter**.
3. Enter the master user code, the default code is 1234. The user menu options are displayed, as follows:

Select	To
(M) Edit Master Code	Change the master code
(M) User Codes	Specify user codes 2 through 20. If the user code exists, you can edit the code or delete the code.
(M) Set Date & Time	Set the time, as specified in Date & Time Format . (Menu button specifies the AM/PM format.) Set the date, as specified in Date & Time Format .
(M) Date & Time Format	Specify the format in which the date is specified: 24 hour format or AM/PM. Specify the format in which the date is specified: DD-MM-YY or MM-DD-YY
Zone Bypass	This option is enabled if manual bypass has not been set to Off by the Installer. It enables you bypass/un-bypass a selected zone.
(M) Private Numbers	Specify up to three private telephone numbers.

5. INSTALLATION

5.1 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.

5.1.1. HomeLogiX™ Package Content

- HomeLogiX™ unit
- Transformer
- Telephone cable
- Backup battery
- Button pack (provided separately)
- Installation screw set

5.2 Supply Power to the Unit

It is easier to enroll the ID codes of the transmitting devices to the system before installation. Power the HomeLogiX™ system using the external power transformer or from the backup battery.

5.3 Planning & Programming

Register the location of each detector in the tables provided in Appendix A and B. Mark the transmitters and detectors accordingly.

To Program the system, refer to PROGRAMMING on page 19.

To mount the HomeLogiX™ unit, refer to

Mounting the Back-plate on page 16.

5.4 Wiring the System

The HomeLogiX™ wiring plan is shown below.

Release each screw terminal block and connect accordingly.

6-lead RJ-11 cords are required for the telephone line or telephone line and telephone set.

5.4.1. Wiring the HomeLogiX™

AWAITING NEW DRAWING FROM ALEX

Figure 3: Panel Wiring

Input	Description
Siren	Relay output for external siren or strobe. Normally open or normally closed for external siren contacts.
AUX 1	Programmable AUX outputs 1 and 2, 200 mA Sink Current 12VDC
AUX 2	

	open collector outputs Active Low.
GND	Ground
ZONE	Wired Zone (zone 40) Alarm input.
GND	Ground
TAMPER	Wired Zone (zone 40) Tamper input.
+15VDC VIN	Input voltage from AC/DC adaptor VIN=13.8-15 .
GND	
+13.8VDC (-) AUX (OUT)	Auxiliary Power output (to power external devices) +13.8 VDC 500mA Load current Max. Current limited.
LINE IN	Telephone line in (from the wall to the system).
HOME TEL	Telephone line out (from system to telephone device).
Connection Socket	Connection Socket for 10 pin plug connecting panel to PC with MD-62.
+BAT-	Battery

5.4.2. SIREN RELAY OUTPUT Wiring to External Siren

Relay output for external siren can be programmed as normally open or normally closed (fail-safe) operation.

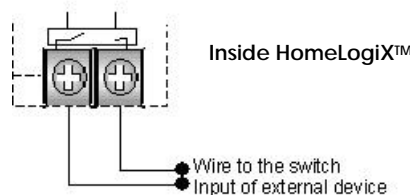


Figure 4: Siren

This output can be programmed by the installer to provide normally closed or normally open dry contact output. This relay output will toggle the normal position in case of an alarm and operates in the same method as the local siren.

5.4.3. Wiring Auxiliary Outputs 1 and 2

Auxiliary outputs 1 and 2: This pair of outputs are open collectors with sink current limited at 200 mA. The outputs work by connecting an external device to power supply through an internal transistor in order to turn it on.

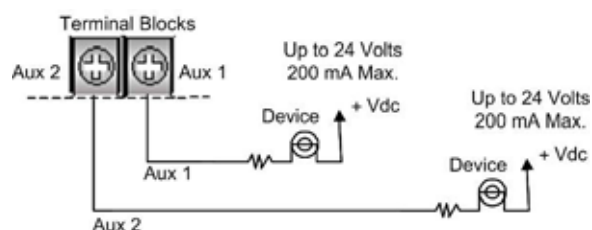


Figure 5: AUX

Both Aux 1 and Aux 2 have the same selection of programming.

When programming the Aux 1 and Aux 2 open collector outputs, it is possible to select from several operational modes from the programming menu as described in the programming section under Automation sub section Set Triggers on page 35.

5.4.4. Wiring the ZONE 1 Wired Input:

Wired input zone 40 for wired door detector.

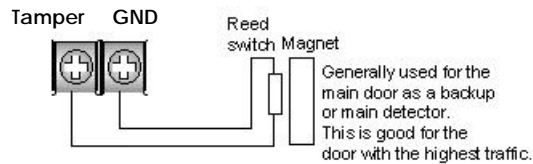


Figure 6: Zone

This wired input acts as a regular sensor and functions likewise in armed and disarmed mode.

5.4.5. Wiring the Wired Tamper Input

Wired tamper input: 24-hour active on zone 40.

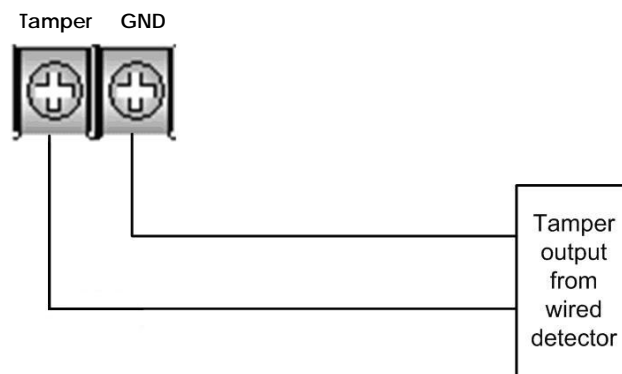


Figure 7: Tamper

5.4.6. Wiring the HomeLogiX™ Telephone connectors

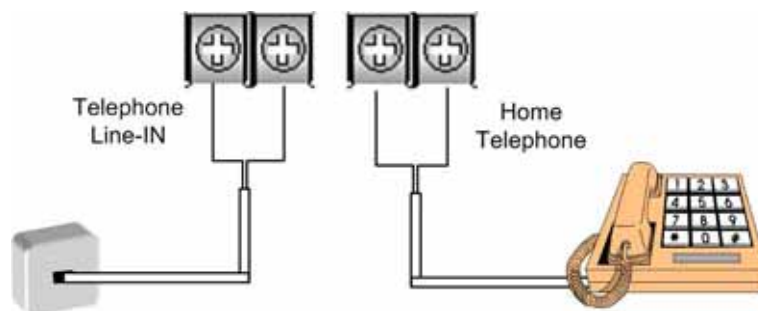


Figure 8: Telephone

Terminal Blocks for Line-In and Tel Line-Out

5.5 Connect the AC Transformer

**Note:**

Complete all the wiring and programming before plugging the transformer in the AC outlet

Attach the transformer and power up the system. The display shows the HomeLogiX™ logo and the current version.

Plug in the transformer – the power LED on the control panel should light up.

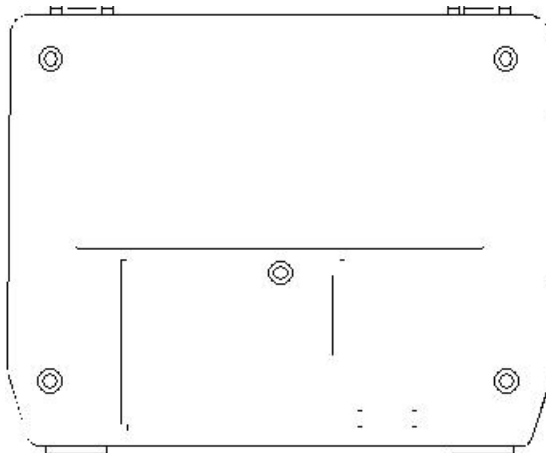
5.6 Connecting to a Computer

The control panel can be equipped with an optional MD-62 adaptor for serial data interchange with a computer.

5.7 Mounting the Back-plate

5.7.1. General

There are two options on how to prepare the mounting location; in order to complete the installation without exposed wires, all the wiring should be done through the wall. The wiring to the back-plate can be done without having exposed wires, by installing the panel on a standard electrical box, or making a hole in the wall for the wiring.



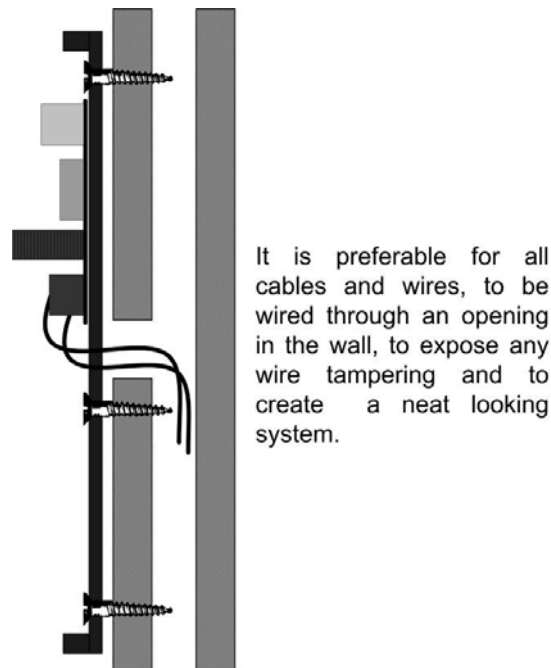


Figure 9: Back Plate

When drilling the hole for the wires, it is recommended to drill the hole in the marked out area.



Note:

It is important to mount the back-plate first before connecting any of the wiring to the unit

5.7.2. Required Space

The required space on the wall for the panel is (L) x (H). Hole size for wires: 2cm x 5cm. This is to be drilled according to the openings on the back-plate.

The optimum viewing angle of the LCD is achieved when the panel is mounted **above** the eyelevel of the user.

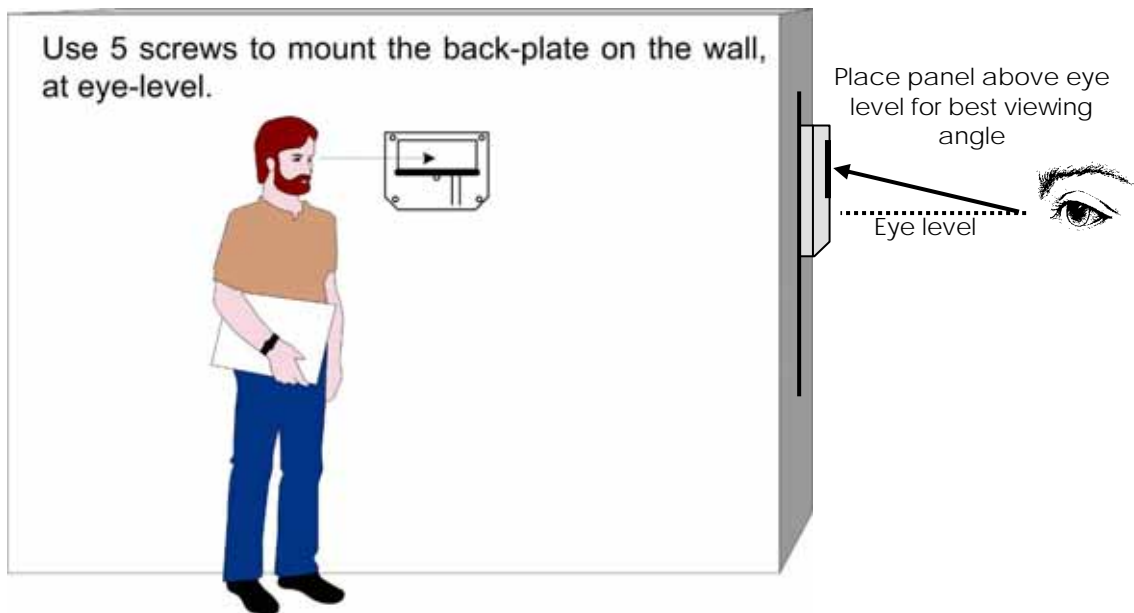


Figure 10: Mounting

5.8 Dismounting the Control Panel

Release HomeLogiX™ from the mounted back-plate by unlocking the locking hooks on the top of the back-plate by lifting them up and out of the recesses on top of the panel.

Pull the top of the panel away from the wall to disconnect the connector to the back plate, and then remove the panel from the lower posts of the back-plate.

5.9 Replacing the Backup Battery

To replace the backup battery:

- Dismount the panel.
- Remove the battery cover
- Replace the battery
- Replace the cover

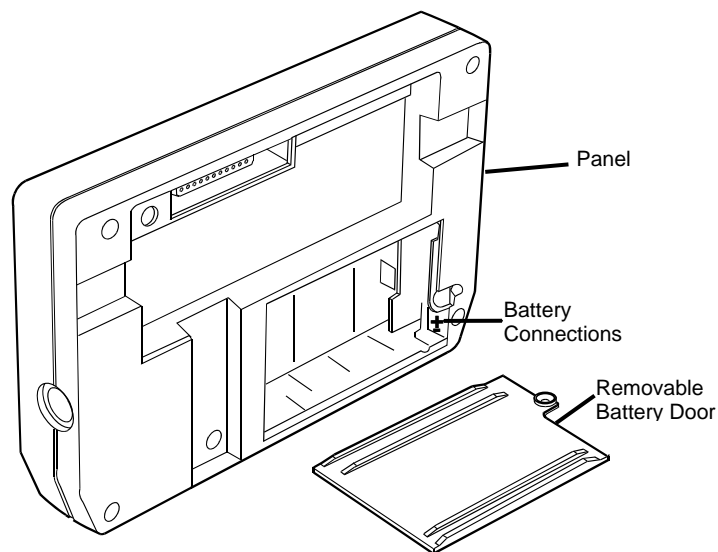


Figure 11: Backup Battery

6. PROGRAMMING HOMELOGIX™

6.1 Overview

We recommend that you program HomeLogiX™ before installing it. You can use the backup battery or the AC power supply for operating power while programming.

Access the HomeLogiX™ installer's menu by entering the default 4-digit installer's code: 8888.

HomeLogiX™ is provided with two default codes:

Default installer code: 8888 – which enables you to program HomeLogiX™

Default Master code: 1234 – which 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 first time use.

6.2 Enrolling Wireless Devices and Remote Controls

You can enroll detectors, remote controls, keypads, sirens and repeaters.



Note:

Enrolling is not available for Wired Zone #40. It can only be enabled or disabled (Default: disabled). Zone 40 uses the wired zone and tamper inputs

Before enrolling wireless devices and remote controls, make sure they all contain the appropriate batteries.

7. INSTALLERS MENU

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

- Change code
- Zones
- Enrolling
- Security
- Communications
- Automation
- Messages
- Maintenance

7.1 Accessing the Installer Menu

Press the **Menu** button twice to reach the *INSTALLER MENU* option and press **Enter**.



Note:

The default password for entering the Installer menu is “8888”.

If a wrong code was entered, the system will emit a long beep indicating an error and waits once again for the correct code to be entered, after 30 seconds the system to return to normal mode.

No activity for 4 minutes will cause the system to return to normal mode, to return to the normal mode before the 4 minutes are up press the **Quick** button.

Once in the *INSTALLER MENU* use the **Menu** button to browse the sub menus. Press **Enter** to access the desired sub menu as detailed below.

7.2 Change Code

CHANGE CODE	Zones	Enrolling	Security	Communications	Automation	Messages	Maintenance
--------------------	-------	-----------	----------	----------------	------------	----------	-------------

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

To change the installer code:

The first sub menu is *CHANGE CODE*. Press the **Enter** button to access the sub menu, type a new four-digit installer code and press **Enter** to save your new code.

7.3 Zones

Change Code	ZONES	Enrolling	Security	Communications	Automation	Messages	Maintenance
	Zone #01-40						
	Zone Type						
	Description						
	Chime						
	No activity						

This menu allows you to define each of the 40 available zones. You can define the zone type, description, activity type and it's audible chime indication.

To specify zones:

The second sub menu is *ZONES*. Select the required zone by either browsing all 40 using the **Menu** button or by entering the zone number using the numeric keypad.

Once in the desired zone, use the **Menu** button 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:
 - Interior
 - Perimeter
 - Delay
 - Fire
 - 24 Hour Silent
 - 24 Hour Audible
 - Chime

Description; select one of 39 fixed descriptions or one of five editable custom descriptions. HomeLogiX™ enables you to specify five custom zones, see Using the **Menu** button, **Enable** or **Disable** the option and press **Enter** to confirm your selection.

- Custom menu on page 36, use the tables in SENSOR PLACEMENT and HELPFUL REFERENCE TABLES on page 45
- **Chime**; select one of three chimes, or no chime. By default zone is "no chime"
- **No Activity Time**; select Enabled or Disabled, By default the option is disabled

7.4 Enrolling

Change Code	Zones	ENROLLING	Security	Communications	Automation	Messages	Maintenance
		Detectors					
		Remote controls					
		R. Sirens					
		Keypads					
		Repeaters					

The Third sub menu is *ENROLLING*. Browse the desired application listed below using the **Menu** button and access it by pressing the **Enter** button:

- Detectors
- Remote controls
- Sirens
- Keypads
- Repeaters

7.4.1. Detectors

You can enroll up to 39 detectors, one detector per zone, numbered 01 through 39. Zone no. 40, which is dedicated to a hardwire detector can only be enabled or disabled under this sub-menu, by default this zone is disabled.

To enroll/delete a detector:

Select the desired zone by either browsing all 39 zones using the **Menu** button or by entering the zone number using the numeric keypad.

If no detector is associated to the selected zone, for 30 seconds the screen will show a message saying "waiting for detector signal" initiate a transmission from the detector (Alarm, Tamper, or any other transmission available, see the detector's manual for reference). When the transmission is detected you will be asked to press the **Enter** button to store the detector into the zone.



Note:

When enrolling smoke and heat detectors, select the zone type "fire".

If no signal is received with the allocated 30 seconds the unit will return to normal mode.

If the selected zone has a detector associated, you will be asked whether you wish to delete it. Press **Enter** to delete the detector or the **Quick** (ESC) button to go back.

7.4.2. Remote Controls

You can enroll up to eight remote controls, and specify functions for each button on the remote control. You can also delete enrolled remote controls.

To enroll a remote control and specify a function:

Select the desired remote control number 01-08 by either browsing the remotes using the **Menu** button or by entering the remote number using the numeric keypad.

Enroll the remote control when the *WAITING FOR SIGNAL* message is displayed, by pressing a button on the remote you wish to enroll, When the signal is detected you will be asked to press the **Enter** button to store and save your selection. Once the selection is stored, you can then choose to configure each of the remote control buttons to behave in one of the following options:

- Restore Default (will set the button to it's original functionality)
- Operate PGM 1
- Operate PGM 2
- Status Request

At any time press the **Quick** (ESC) button to exit the menu, Once you exited the menu (after saving the enrollment) you cannot change the button's behavior, unless you delete the remote and re-enroll it.

To delete a remote control

Select the pre-enrolled remote control number 01-08 by either browsing the remotes using the **Menu** button or by entering the remote number using the numeric keypad.

You will be asked whether you wish to delete it. Press **Enter** to delete the detector or the **Quick** (ESC) button to go back.

7.4.3. RF Siren

You can enroll up to four RF Sirens. You can choose to remove enrolled sirens.

To enroll/remove an RF Siren:

- Select the required Siren location, #01-04 by either browsing the keys using the **Menu** button or by entering the siren's number using the numeric keypad
- Enroll the RF Siren when the *WAITING FOR SIGNAL* option is displayed, by activating the siren's tamper, When the signal is detected you will be asked to press the **Enter** button to store and save your selection
- If the selected location has a siren enrolled, you will be asked whether you wish to delete it. Press the **Enter** button to delete or the **Quick** (ESC) button to go back

7.4.4. Keypads

You can enroll up to four keypads. You can choose to remove enrolled keypads.

To enroll/remove a keypad:

- Select the required keypad location, #01-04 by either browsing the keys using the **Menu** button or by entering the keypad's number using the numeric keypad
- Enroll the keypad when the *WAITING FOR SIGNAL* option is displayed, When a signal is detected you will be asked to press the **Enter** button to store and save your selection
- If the selected location has a keypad enrolled, you will be asked whether you wish to delete it. Press the **Enter** button to delete or the **Quick** (ESC) button to go back

7.4.5. Repeaters

You can enroll up to four repeaters. You can choose to remove enrolled repeaters.

To enroll/remove a repeater:

- Select the required repeater location, #01-04 by either browsing the keys using the **Menu** button or by entering the repeater's number using the numeric keypad
- Enroll the repeater when the *WAIT FOR SIGNAL* option is displayed, by activating the tamper, When the signal is detected you will be asked to press the **Enter** button to store and save your selection
- If the selected location has a repeater enrolled, you will be asked whether you wish to delete it. Press the **Enter** button to delete or the **Quick** (ESC) button to go back

7.5 Security

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

Change Code	Zones	Enrolling	SECURITY	Communications	Automation	Messages	Maintenance
-------------	-------	-----------	-----------------	----------------	------------	----------	-------------

Exit Delay
Entry Delay
Auto Arming
Siren Time
Siren Mode
Relay Polarity
Local Siren
Supervision Time
Jamming
No Activity Time
Trouble Beeps
Bypass Option
Quick Arm
Panic Button
Duress Code
Alarm Cancel
Alarm Abort Time
Backlight Time
Hide Display
Key Beeps

The fourth sub menu is *SECURITY*. Browse the desired security related setting, as described in detail ahead, using the **Menu** button, press the **Enter** button to access it.

7.5.1. 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:

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.

7.5.2. 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 modify the entry delay:

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

7.5.3. Auto Arming

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

To activate auto arm:

Using the **Menu** button, select the day of the week and press **Enter** to confirm.

Using the **Menu** button, select one of the following options and press **Enter** to confirm:

- Disabled
- Arm Home
- Arm Away

Enter a time (24 hour time convention) to arm the system using the numeric keys and press **Enter** to confirm the time, repeat the process for the disarm time.

7.5.4. 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:

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

7.5.5. 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 all siren types, wired, wireless and local.

To specify the siren mode:

Using the **Menu** button, select one of the following options and press **Enter** to confirm:

- Away
- Away + Home

7.5.6. Relay Polarity

Depending on the input trigger of the hardwired siren you are using specify the relay polarity to either Normally Open or Normally Closed. The siren relay polarity is set to N.O. (normally open) by default.

To set the relay polarity:

Using the **Menu** button, select one of the two options, **N.O.** or **N.C.**, and press **Enter** to confirm.

7.5.7. 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:

Using the **Menu** button, select one of the two options, **Enable** or **Disable**, and press **Enter** to confirm.

7.5.8. 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:

Using the **Menu** button, select one of the time limit options, **1, 2, 4, 6, 8, 16, 24 or 48** hours, during which the system receives reports and press **Enter** to confirm.

7.5.9. 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:

Using the **Menu** button, 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

7.5.10.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:

Using the **Menu** button, 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

7.5.11.Trouble Beeps

Determine whether the system will emit a "trouble beep" indicated by a series of four short beeps once a minute for the following "Trouble" events:

- Low battery (detectors and system)
- Supervision loss (detectors)
- Power failure (system)
- Communication failure (system)
- Tamper(system and zones)
- RF jamming

The default is set to **Enabled**

To specify trouble beeps:

- Using the **Menu** button, choose to **Enable** or **Disable** the trouble beeps and press **Enter** to confirm

7.5.12.Bypass

Specifies either manual bypassing of individual zones, or enables the system to forcedly arm open zones when armed. Bypass is turned off by default.

To set bypass:

Using the **Menu** button, select one of the following options and press **Enter** to confirm:

- **Off** to set the bypass off
- **Off Force/Manual** to set the manual bypass
- **Manual/Force** to set the forced arming (automatic bypass)

7.5.13.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 arm without a code:

Using the **Menu** button, select one of the following options and press **Enter** to confirm:

- Enter Installer menu/Security/Quick Arm/**Enable**
- Enter Installer menu/Security/Quick Arm/**Disable**

To utilize quick arm:

- Give a long press on the **ESC** key.
The panel is armed **AWAY** or **HOME**.

7.5.14.Panic Button

Enables the user to generate an alarm (audible or silent) by pressing the emergency button on the control panel, the remote control panic button will remain active at all times if enrolled. The local emergency button is disabled by default.

To set a panic button:

Using the **Menu** button, 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

7.5.15.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:

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

To disable the duress code:

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

7.5.16.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:

Using the numeric keypad, set the alarm cancel time between 01 – 60 minutes, or set it to 00 to disable the option.

7.5.17.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 *Alarm Abort Time* is set to 00 minutes (disabled).

To set the alarm abort time:

Using the numeric keypad, set the alarm abort time between 01 – 60 seconds, or set it to 00 to disable the option.

7.5.18.Backlight Time

Specifies the backlight options; by default, the backlight time is set at 15 seconds.

To set the backlight:

Using the **Menu** button, select one of the following options and press **Enter** to confirm:

- **Always:** to specify that the keypad and buttons are backlit at all times.
- **15 secs:** to specify that the keypad and buttons are backlit for up to 15 seconds after last key press.

7.5.19.Hide Display

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

To display the system status:

Using the **Menu** button, select one of the following options and press **Enter** to confirm:

- **Off** to display status and prompts.
- **On** to hide status and prompts.

7.5.20.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:

Using the **Menu** button, 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

7.6 Communications

Change Code	Zones	Enrolling	Security	COMMUNICATIONS	Automation	Messages	Maintenance
				System Telephone			
				Private Report			
				CS Report Setup			
				Line Test			
				AC Fail Report			
				2WV SETUP			
				Fax Defeat			
				Number of Rings			

The fifth sub menu is *Communication*, which deals with the setup of system communications parameters and settings with the outside world. Browse the desired communication related setting, as described in detail ahead, using the **Menu** button, press the **Enter** button to access it.

7.6.1. 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:

Using the numeric keypad, enter the system telephone number and press **Enter** to confirm. Press the pound key (#) to delete an existing number.



Note:

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

7.6.2. Private Report

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

To set up private report:

Using the **Menu** button, 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. Using the **Menu** button, choose between number 1, 2 or 3 and press **Enter**. Using the numeric keypad, enter the telephone number and press **Enter** to confirm. Press the pound key (#) to delete an existing number.



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. Using the **Menu** button, 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**
- **Dialing Attempts** specifies the number of times the system attempts to dial a private number before dialing the next specified private number. Using the **Menu** button, specify between **1, 2, 3, 4,** or **5** dialing attempts press **Enter** to save. The default is **3** attempts.

7.6.3. CS Report Setup

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

To set up CS report:

Follow these steps:

- **CS Report method** specifies the reporting method. Using the **Menu** button, select one of the following and press **Enter** to confirm:
 - Primary Only(default)
 - Alternate
 - Secondary
 - Both
 - Disable
- **CS Primary** specifies the first telephone number of the first central station to which the system reports in case of an event, and the primary account code – the number that identifies your system to the central station. The events reported are the events specified during setup.

Follow these steps:



Note:

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

- **Phone Number**, Using the numeric keypad, enter the CS telephone number, press **Enter** to save, Press the pound key (#) to delete an existing number
- **Account Code**, Using the numeric keypad, enter a code of four digits and press **Enter** to confirm
- **Report Options** specifies the event groups which are included in a report. Using the **Menu** button, 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 dialed and the secondary account code – the number that identifies your system to the second central station. The events reported are the events specified during setup. Follow the instructions in CS Primary
- **Protocol**, specifies the reporting protocol used by the system to report events to the central stations. Currently only **Contact ID** is available.
- **Dialing Attempts** specifies the number of times the system attempt to dial the primary stations number before attempting to dial the secondary number. Using the numeric keypad select **1** to **16** attempts, press **Enter** to save. The system is set to **3** attempts by default.

7.6.4. 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:

Using the **Menu** button, 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**.
- **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.

7.6.5. 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:

Using the numeric keypad, set the time between **1** – **240** minutes, or set it to **0** to disable the option, press **Enter** to save.

7.6.6. 2-Way Voice Behavior

The HomeLogix panel enables the CMS operator to open a 2-Way Voice session with the panel. The only events used in 2-way voice are: TAMPER, EMERGENCY, and ALARM/RESTORE.

In general, 2-Way Voice Behavior option is achieved via simplex telephone communication. The CMS operator can listen, talk, or close communication by

selecting #1 (Listen), #3 (Talk), or #9 (Close communication) in the event the system calls when an alarm is sounded. The installer can set the following options:

- CMS 2-way voice Enable/Disable
- CMS 2-way voice Timeout

However, if the KEY ON, TROUBLE, BYPASS, and MISC events are reported, and the CMS is in LISTEN-IN mode, the CMS receptionist can hear the alarm/emergency voice message events, if they belong to the same CMS.

On the other hand, if those events belong to another CMS, they will be reported after the current CMS session report has finished.

To set up 2 way Voice Behavior:

1. In the **2WV SETUP** menu, select **CS 2WV ENABLE**.
2. Select **ENABLE**.
3. Select **CS 2WV TIMEOUT**.
4. Enter a timeout value that does not exceed 180 seconds.



Note:

It is recommended to use 180 seconds for Timeout.

5. Press **Exit** to return to Normal mode.

7.6.7. 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:

Using the **Menu** button, **Enable** or **Disable** the option and press **Enter** to confirm.

7.6.8. Number of Rings

Specify the number of rings before the system answers the line. By default, this option is set to 4 rings.

To specify the number of rings:

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

7.6.9. Select Region

Select the region in which the time is set for the system. By default, this option is set to 4 rings. By default, this option is **Other**.

To select the region:

Select the region from the drop down menu (or leave the default of Other), and press **Enter** to confirm.

7.7 Automation

Change Code	Zones	Enrolling	Security	Communications	AUTOMATION	Messages	Maintenance
					Keypad Manual		
					Set Triggers		

The sixth sub menu is *Automation*, which deals with the setup of various home automation options. Browse the desired automation related setting, as described in detail ahead, using the **Menu** button, press the **Enter** button to access it.

7.7.1. Keypad Manual

Enable or disable this option to determine whether the PGM output can be controlled by numeric keys 1 and 2 of the keypad as described in the Keypad Operated Functions section above, this option is enabled by default.

To set up the keypad:

Using the **Menu** button, **Enable** or **Disable** the option and press **Enter** to confirm your selection.

7.7.2. Set Triggers

Enables you to activate the PGM's, using various events in an automated fashion. By default, no triggers are set.

To set up triggers:

Using the **Menu** button, select **PGM1** or **PGM2**, and press **Enter** to confirm.

For each of the PGM's you can select the pulse time and triggers as described below:

- **Pulse time** - set the length of time for the device to stay on when a pulse type activation is selected. Using the numeric keypad, set the time from **1** to **99** seconds and press **Enter** to save.
- Select the trigger type and parameters according to the following options:

Trigger	PGM Activation Options	Remarks
Arm Away	On, Off, Pulse, Ignore	
Arm Home	On, Off, Pulse, Ignore	
Disarm	On, Off, Pulse, Ignore	
Alarm	Enabled, Disabled	Go OFF when alarm stops
Panic	Pulse, Ignore	
Trouble	Pulse, Ignore	
AC Loss	Enabled, Disabled	ON when AC fails, OFF when AC returns
Remote Control	On, Off, Pulse, Trouble, Ignore	Relates to remote's panic button
Zone	On, Off, Pulse, Trouble, Ignore	Relates to zone open or detection

7.8 Messages

Change Code	Zones	Enrolling	Security	Communications	Automation	MESSAGES	Maintenance
						Keypad Mute	
						House Name	
						Custom Zones	

The seventh sub menu is *Messages*, which deals with custom text and voice zone descriptions, Personal messages between users and message mute options. Browse the desired setting, as described in detail ahead, using the **Menu** button, press the **Enter** button to access it.

7.8.1. Keypad Mute

This option allows you to enable or disable the option to mute all the voice messages and beeps (except for trouble beeps) by numeric key 5 of the keypad as described in the Keypad Operated Functions section above. By default, this option is Disabled.

To set up keypad mute:

Using the **Menu** button, **Enable** or **Disable** the option and press **Enter** to confirm your selection.

7.8.2. House Name

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

To record a House Name message:

1. In the Installer Menu, select Messages.
2. Page till you get to **House Name** menu.
3. In the **House Name** menu, select **ENTER TO RECORD**.
4. Press **Enter** to start and stop recording.
5. Press **ENTER TO LISTEN** after a recording has been entered.

7.8.3. 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. In the **Custom Zone** menu, select a **Custom Zone**.
2. Press **ENTER TO RECORD**.
3. Press **Enter** to record the next zone.
4. Repeat 5 times.

5. Press **ENTER TO LISTEN**. This appears after the string of recordings have been entered.
6. Press **Enter** to stop the listening to one zone and move to the next zone. This option is circular.



Note:

Reset to factory settings does not delete these recordings.

7.9 Maintenance

Change Code	Zones	Enrolling	Security	Communications	Automation	Messages	MAINTENANCE
							Factory Default
							RF Test
							Test Indicators
							Test Sirens
							Test Devices

The eighth sub menu is *Maintenance*, which describes the various system maintenance options. Browse the desired security related setting, as described in detail ahead, using the **Menu** button, press the **Enter** button to access it.

7.9.1. Factory Defaults

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

To restore factory default:

Press the **Enter** button to confirm.

7.9.2. RF Test

RF testing 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.

The system saves the most recent set of RF test results for uploading. The system clears the tests when running another RF test.

To perform the test:

Using the **Menu** button select the test you wish to perform, press the **Enter** button to access the test. Activate the RF unit to send a signal to the unit. The results can be *Strong*, *Normal* or *Low*. The available tests are:

- Test Detectors
- Test R. Controls
- Test R. Siren
- Test Keypads

- **Test Repeaters**

To view the results:

For each of the tests, you can review the results by pressing the **Enter** button and then either the **Menu** button or the alphanumeric keys review all the units.

To exit the RF test mode you must press the **Quick** (ESC) button

7.9.3. Test Indicators

The indicators test checks the two indicator LED's, power and status located on the Panel.

To test the indicators:

After entering this menu press **Enter** the LEDs will blink three times

7.9.4. Sirens test

This test checks the different available sirens by activating them.

To test the sirens:

1. Select the siren you wish to test:
 - **Local Siren**
 - **External siren**
 - **RF siren**
 - Siren 1
 - Siren 2
 - Siren 3
 - Siren 4
2. Press **Enter** to activate the sounder.
3. Press **ESC** to stop the siren.

7.9.5. Test Devices

This test checks the PGM's connected to the system.

To test the PGM devices:

1. Select the PGM you wish to test:
 - **PGM 1**
 - **PGM 2**
2. Press **Enter** to activate the PGM for three seconds.

8. READING THE EVENT LOG

The HomeLogiX™ 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.

To Access the Event Log:

Access the event log by pressing 8 on the keypad when the system is in normal mode.

To read an event, enter the master code and press **Enter**.

Browse the even log using the **Menu** button, press **Enter** to view the date and time of the occurrence.



Note:

When accessing the Event Log via the PC software the words "Remote Control 8" are displayed.

Annex I. ACCESSORIES

I.1 HomeLogiX™ Compatible Detectors

A wide assortment of wireless detectors is compatible with the HomeLogiX™ control panel, primarily for use in intrusion and personal safety applications. There are also other system components, such as RF repeaters for extending range, and wireless sirens for remote annunciation of alarms. To cover all the possible solutions of integration, a Universal RF Transmitter is available, which can interface with almost any type of wired sensor and enable it to communicate to the HomeLogiX™ by radio link.



Note:

For the model numbers shown below, XX denotes a variation on frequency and country of application. Each detector comes with its own installation manual. All the wireless detectors are powered by high-capacity lithium primary cells, which provide long battery life.

The control panel identifies the detectors by means of a unique three-byte identification code (ID Code), which offers up to 16 million possible combinations. The ID is transmitted with every radio message. In addition to the ID, each detector provides local intelligence of events such as the following, by radio link to the panel:

- Tamper open and restore events;
- Alarm events;
- Low battery and restore events.

Each detector also generates a supervisory full status transmission every 20 minutes.

I.1.1. Wireless Passive Infra-Red (Motion) Detector

This sensor (Figure 1) is used to secure volumetric indoor areas. It employs a precision-optics patented Fresnel lens, an ultra-sensitive infrared silicon sensor, and advanced microcontroller digital signal analysis. The sensor is housed in tamper-detection housing. The sensor can be mounted to any rigid flat or corner surface to cover the desired volumetric space to be protected; a corner mount is available to enable corner tamper detection. When motion is detected, the PIR transmits a message to the control panel. If the control panel is armed, then the system will generate an alarm.



Figure 12 SA-01 Wireless PIR Motion Detector

I.1.2. Advanced Wireless Spherical PIR (Motion) Detector

This sensor (Figure 2) is used to secure volumetric indoor areas. It employs a unique Spherical Fresnel lens with creep-zone and an optional snap-in curtain mask, an ultra-sensitive infrared silicon sensor, and advanced microcontroller digital signal analysis.

The sensor is housed in a dual tamper-detection, modernly designed housing. The sensor can be mounted to any rigid flat or corner surface to cover the desired volumetric space to be protected; a corner mount is available to enable corner tamper detection. When motion is detected, the PIR transmits a message to the control panel. If the control panel is armed, then the system will generate an alarm.



Figure 13 PYR-2011 Wireless PIR Motion Detector

I.1.3. Magnetic Contact Sensor

This is a very special transmitter (Figure 3) for protecting windows, doors, closets and drawers with a local magnetic sensor, and terminal blocks for wiring additional wired magnetic sensors in series. A single transmitter can protect more than one door.



Figure 14 SA-02 Magnetic Contact Detector

I.1.4. Glass Break Detector

This special detector (Figure 4) is used to protect windows and glass walls; it is especially suitable for balcony sliding glass windows, gazebo glass areas, and ordinary glass windows. This detector detects an intruder before they actually enter--when they break the glass. The SA-19 device provides superior audio analysis and false alarm prevention by detecting both the shock wave at low frequencies, and the glass breaking frequencies.



Figure 15 SA-19 Wireless Glass Break Detector

I.1.5. Universal Wire to RF (Two-Channel) Transmitter

This special transmitter (Figure 5) was developed for interfacing with advanced sensors—such as microwave barriers, infrared barriers—fence perimeter protection detectors, and other third-party active detectors that produce a normally closed (NC) or normally opened (NO) output. The SA-25 has pulse counting on one of the inputs and can count 3, 6 or 9 pulses—programmable in that mode. The SA-25 itself is powered from a battery, though it may also be powered from a dc power supply, saving the battery for backup. This universal detector features a local magnetic contact detector as well, and is supplied with PC utility software to simplify programming.



Figure 16 SA-25 Wireless Universal Two Channel Transmitter

I.1.6. Smoke and Heat Detectors

There are four types of sensors in this category (Figure 6), which are connected to a wireless transmitter base. The family of detectors consists of an Optical Smoke Detector, an Ionization Smoke Detector, a Maximum-Temperature Detector, and a Rate-of-Temperature-Rise Detector. These detectors report status to the control panel, including tamper, low battery, alarms and alarm restore. The battery requires replacement every year.



Figure 17 Wireless Smoke and Heat Detectors

I.2 HomeLogiX™ Compatible Remotes

A wide assortment of wireless remote control devices are available for use with the HomeLogiX™ control panel. These are primarily used to set the control panel modes,

and for personal emergency applications. These transmitters can be enrolled onto the HomeLogiX™.



Note:

For the model numbers shown below, XX identifies a particular frequency and country of application. Each detector is supplied with its own installation manual. All the wireless remote controls are powered with standard available AAA or M2 alkaline primary cells, which have long battery life and are easily replaced.

The control panel identifies the detectors by means of a unique three-byte identification code (ID Code), which offers up to 16 million possible combinations. The ID is transmitted with every radio message. In addition to the ID, each detector provides local intelligence by radio link to the panel of events such as:

- Away Arming (Full Arming Mode);
- Home Arming (Partial Arming Mode);
- Disarming (Not Armed Mode);
- Personal Panic Emergency.

I.2.1. Wireless 3-Button Remote Control Transmitter

This hand-held transmitter (Figure 7) comes with a keychain attachment, and is small enough to fit easily into a purse or pocket, to be carried around by the user.



Figure 18 SA-03 Wireless 3-Button Keychain Remote

Upon arriving at the armed house, the user presses a single button to disarm the house without approaching the panel. Designed for comfortably using the system, the transmitter can also fully arm the panel (Away Arm), or partially arm zones (Home Arm). For emergencies, there is a Panic key, which when pressed for 2 seconds, causes the panel to Alarm, regardless of whether the panel is armed or disarmed.

I.2.2. Wireless Emergency Panic Pendant

This is a very special transmitter (Figure 8) for emergency use. Because of its small size, it can easily be carried by the user as a pendant. The SA-04 XX features waterproof construction, which means the user can shower or bathe with it and can press the button for 2 seconds to cause an Emergency Alarm at any time, 24 hours a day, in both Armed and Disarmed modes.



Note:

This transmitter battery is not installer- replaceable; it can be replaced in the factory. Each SA-04 transmitter's battery life is up to 5 years, based on 10 emergency transmissions per year



Figure 19 Wireless Panic Pendant SA-04

I.2.3. 1, 2 or 4-Button Remote Controls

These hand-held transmitters (see Figure 9) come with a belt-clip attachment and a loop-clip attachment, so they can be hung on a wall or carried by the user on the belt, or car visor.

The user arrives at the armed house and disarms the house by pressing a single button, without any need to be near the panel. Designed for comfortable use of the system, the transmitter can also fully arm (Away Arm) the panel, or partially arm zones (Home Arm). For emergencies, there is a Panic key, which when pressed for 2 seconds, causes the panel to Alarm, regardless of whether the panel is armed or disarmed.



SA-26 SA-27 SA-28
1-button Remote 2-button Remote 4-button Remote
Figure 20 Wireless Remote Control Transmitters

I.2.4. HomeLogiX™ Compatible Wireless Siren

Each HomeLogiX™ Control Panel can enroll and control up to four wireless sirens, which can be installed on the exterior of the house, building or door of the premises. The intrusion sound of the wireless sirens warns off attempting intruders and draws the attention of neighbors, and directs emergency services to the location of the alarm. The wireless sirens act in the same way as the panel alarm settings, with the same siren time. When the panel is in alarm, the remote sirens will sound. For Silent Alarm, the sirens will not sound. When the panel is disarmed, or the siren time expires, the sirens will be remotely switched off by the panel.

I.3 Other HomeLogiX™ Accessories

Contact your dealer to ask for a current list of any accessories, parts and system components not covered in this Installation Manual.

Annex II. SENSOR PLACEMENT and HELPFUL REFERENCE TABLES

II.1 Default Zone Descriptions

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

II.2 Custom Zone Descriptions

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

II.3 Detector Deployment Plan

Zone No.	Zone Type	Description	Chime Yes/No	No Activity Zone	PGM 1	PGM 2	Remarks
1.							
2.							
3.							
4.							
5.							
6.							

SENSOR PLACEMENT and HELPFUL REFERENCE TABLES

Zone No.	Zone Type	Description	Chime Yes/No	No Activity Zone	PGM 1	PGM 2	Remarks
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
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39.							
40.							

II.4 Remote Control

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

Annex III. REPORTING CODES

III.1 Reporting codes

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

Code Index	Programmable Feature Description	CID Code
01	Burglary Event (Alarm for a zone)	E130
02	Burglary Restore (for a zone)	R130
03	Fire Event (Fire Alarm for a zone or from emergency button)	E110
04	Fire Restore (Fire Alarm for a zone or from emergency button)	R110
05	24 Hour zone Audible Alarm Event	E133
06	24 Hour zone Audible Alarm Restore	R133
07	24 Hour zone Silent Alarm Event	E122
08	24 Hour zone Silent Alarm Restore	R122
09	Wire Sensor Tamper Event (Zone Tamper Alarm)	E144
0A	Wire Sensor Tamper Restore (Zone Tamper Alarm)	R144
0B	Wireless Sensor Tamper Event (alarm for RF zone)	E383
0C	Wireless Sensor Tamper Restore (for RF zone)	R383
0D	RF Low Battery Event (for RF zone)	E384
0E	RF Low Battery Restore (for RF zone)	R384
0F	Loss of supervision – RF Alarm Event (for a zone)	E381
10	Loss of supervision – RF Restore (for a zone)	R381
11	Wireless Panic Alarm Event From Remote Control	E120
12	Sensor Trouble Event (No Activity Alarm)	E380
13	Sensor Trouble Restore (No Activity Alarm)	R380
14	Duress Report Event	R121
15	Open Report Event (Disarm)	E401
16	Close Report Event (Arm Away)	R401
17	Partial Close Report Event (Arm Home)	E456
18	Keys-witch O/C (Key-Switch Disarm)	R409
19	Keys-witch O/C (Key-Switch Arm Away)	E409
1A	Keys-witch O/C (Key-Switch Arm Home)	E442
1B	Cancel Event (Alarm Cancel Report)	E406
1C	Silent Panic From Panel	E122
1D	Audible Panic From Panel	E123
1E	Quick Arm	E408
1F	Forced Arm	E423
20	Remote arm/disarm (Disarm)	R407
21	Remote arm/disarm (Arm)	E407
22	RF receiver Jam Detect Event	E344
23	RF receiver Jam Detect Restore	R344
24	Low system battery Event (Panel Low Battery)	E302
25	Low system battery Restore (Panel Low Battery)	R302
26	AC Loss Event (Panel AC Failure)	E301
27	AC Loss Restore (Panel AC Failure)	R301
28	Tamper Event (Panel Tamper)	E137
29	Tamper Restore (Panel Tamper)	R137
2A	Failure to communicate Event (Communication Failure)	E354
2B	Zone bypass Event	E570
2C	Zone bypass Restore	R570

Code Index	Programmable Feature Description	CID Code
2D	Periodic Test Report Event	E602
---*	Listen in Follow -	E606

*This event is not sent by the panel to the dialer. Listen in Follow code is produced by the dialer according to current configuration:

- 2-way voice enable/disable
- 2-way voice period,
Therefore there is no Index.

Annex IV. LIMITED WARRANTY

IV.1 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 HomeLogiX™ 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.

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.

Annex V. TECHNICAL SUPPORT

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