SMS8 Alarm Control Panel

8 Zone Alarm Control Panel with LCD Keypad, Inbuilt Dialler for Back to Base Monitoring and SMS Messaging.

Includes

☞ **Easy Operation**

☎ **Dialler**

✉ **SMS Messaging**

I n s t r u c t i o n s

⚠ ☑ **N517**

Model Available	
Code	**Description**
SMS8	Alarm with PSTN dialler – standard model

Document: SMS8v2.2.doc
Release: 31 July 2009

Watchguard™

www.watchguardalarms.com.au

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Contents

1. Introduction

Thank you and congratulations on the purchase of the SMS8 security control panel. With all the latest technology and ideas, the RhinoCo ranges of control panels are unique in simplicity in programming and in use.

The SMS8 offers eight zones, a siren and a strobe output, auxiliary and switched power terminals for peripherals, and depending on the model purchased, a dialler or dialer and a GSM backup unit.

All programming is via an alphanumeric LCD keypad and all programming options are menu driven. The end user options are well laid out and a breeze to operate.

This instruction manual has been designed for ease of reading and also as a quick reference for any questions you may have about the product.

Proudly Designed in Australia.

Warning!

The manufacturer and or its agents take no responsibility for any damage, injury or financial loss to any property, equipment or persons resulting from correct or incorrect use of the RhinoCo range of control panels or its peripherals. The purchaser assumes all responsibility in the use of any RhinoCo control panel and its peripherals.

1.1. Specifications

✓ = supported
✗ = not supported

	SMS8 Standard	SMS8GSM Extended
8 Zones	✓	✓
Maximum of 8 User Codes	✓	✓
One Installer Code	✓	✓
Siren Output (rating: 700mA)	✓	✓
Strobe Output (rating: 700mA)	✓	✓
Auxiliary Power (rating: 700mA)	✓	✓
Switched Auxiliary (rating: 200mA)	✓	✓
Maximum of 4 Keypads	✓	✓
Dialler	✓	✓
Contact ID and SMS Protocols	✓	✓
Short Circuit protection (all outputs)	✓	✓
Backup to GSM / Pure GSM	✗	✓

1.1.1. Approvals

This panel meets the following safety and technical standards set by the Australian Communication Authority:
(Applies to both SMS8 & SMS8GSM)

A-tick   C-tick

&

N11156   N11156

1.2. What You Get

Below is a list of parts included with system.

Item	Description	Quantity	Image
1.	**Control Panel**		
	This All-In-One unit incorporates the brain of the system. This include the built in telephone dialer for when something goes wrong and for back to base reporting functions. It also includes the metal case.	1	
2.	**Keypad**		
	This keypad has a large 2 line LCD display screen and additional LED indicators that show the alarms current state (armed or disarmed). It is used to arm / disarm the system and other general operation features.	1	
3.	**Tamper Switch**		
	A tamper switch for the main control panel is supplied along with a bracket to which it mounts. When attached to the sys	1	
4.	**Accessories**		
	End of Line Resistors (EOLR) are supplied with the system to provide a high degree of security to the wiring of the system. These are used on the wiring of each zone.	1	
5.	**Phone Lead**		
	A telephone lead is supplied to connect the security system to an existing telephone line socket	1	

2. Installation

2.1. Overview

A general overview of the components that may be installed with the alarm system is shown below in the diagram. This also includes an **example only** of the wires that must be routed through the roof of the building.
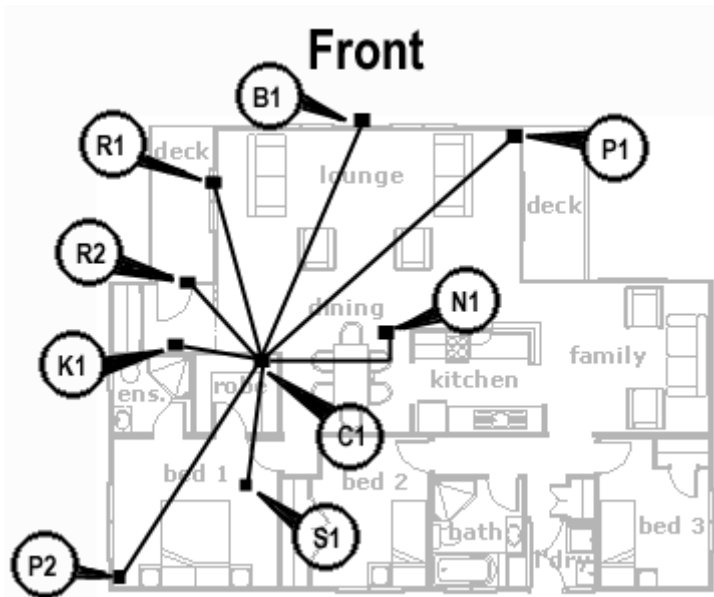
C1
Control Panel

K1
Keypad

N1
Screamer

S1
Smoke Sensor

B1
Main Siren Box

P1
Passive Infrared Sensor 1

P2
Passive Infrared Sensor 2

R1
Reed Switch 1

R2
Reed Switch 2

A list of the type of wires that should be run is shown below.

	Minimum requirement
Keypad	4 Core cable
Screamer	Figure 8 cable (2 cores)
Passive Infrared sensor	4 core security cable
Reed Switch	Figure 8 cable (2 cores)
Smoke Detector	4 core security cable

2.1.1. Wiring Summary
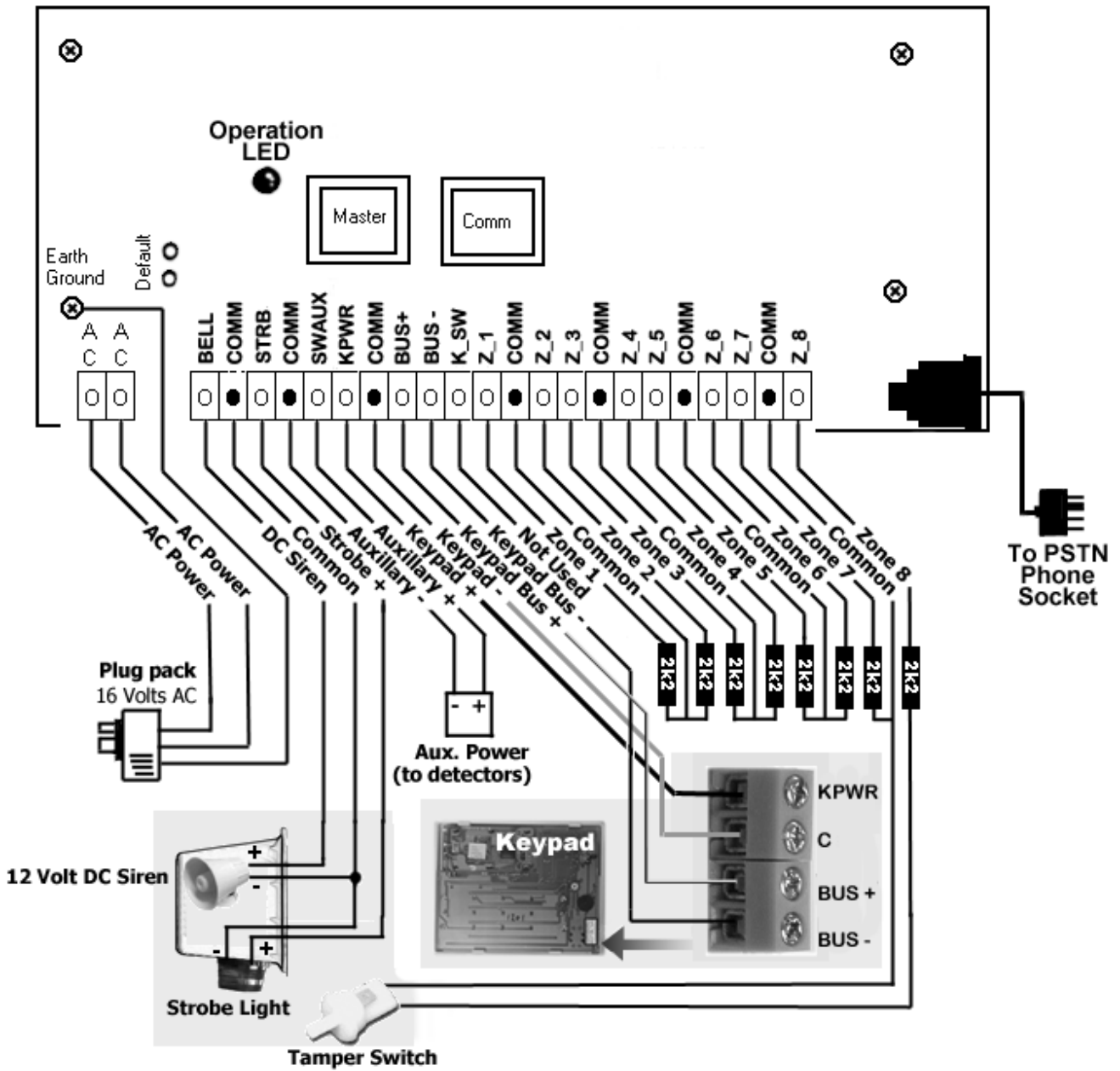
2.2. The Main Control Panel
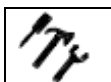
Mounting

- The control panel or main box should be located in a hidden position away from normal sight (e.g. Linen press).

- There should be a power point nearby to where the plug pack may be pushed. This will supply power to the control panel.

- The mounting position should be located close to a phone socket so that the telephone wire from the control panel can plug into the telephone socket. This is required for the dialler to be operational to send SMS messages and back to base via the PSTN (Public Switched Telephone Network)

- It is also helpful when the panel is located in a central position to make the wires to each detector shorter lengths. This also gives added protection and security.

GSM MODEL
The GSM model should be mounted in a high position so that the antenna can transmit and receive the best possible signal. The minimum requirement for mounting this model is 1.2m above ground level. Higher is better.
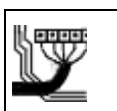
Wiring

2.2.1. Power

Please see section 'Turning on the System'.

2.2.2. Back up battery

Please see section 'Turning on the System'.

2.3. The Keypad

Description

The Keypad should be installed at the entrance of the premises to allow for easy arming and disarming when leaving/entering the door. The keypad is where you are able to control all functions of the alarm system and perform any necessary programming.

Mounting

Keypad Back Plate

Use four x 6 Gauge counter sunk screws (not supplied) to mount the back plate of the keypad to the wall.

The hole in the centre of this back plate is where the wire will go through then into the wall and back to the main control panel.

MAKE SURE YOU HAVE THE KEYPAD WIRES FROM THE CONTROL PANEL HANGING OUT FROM THE WALL AND THROUGH THE HOLE IN THE CENTRE OF THE KEYPAD BACK PLATE.
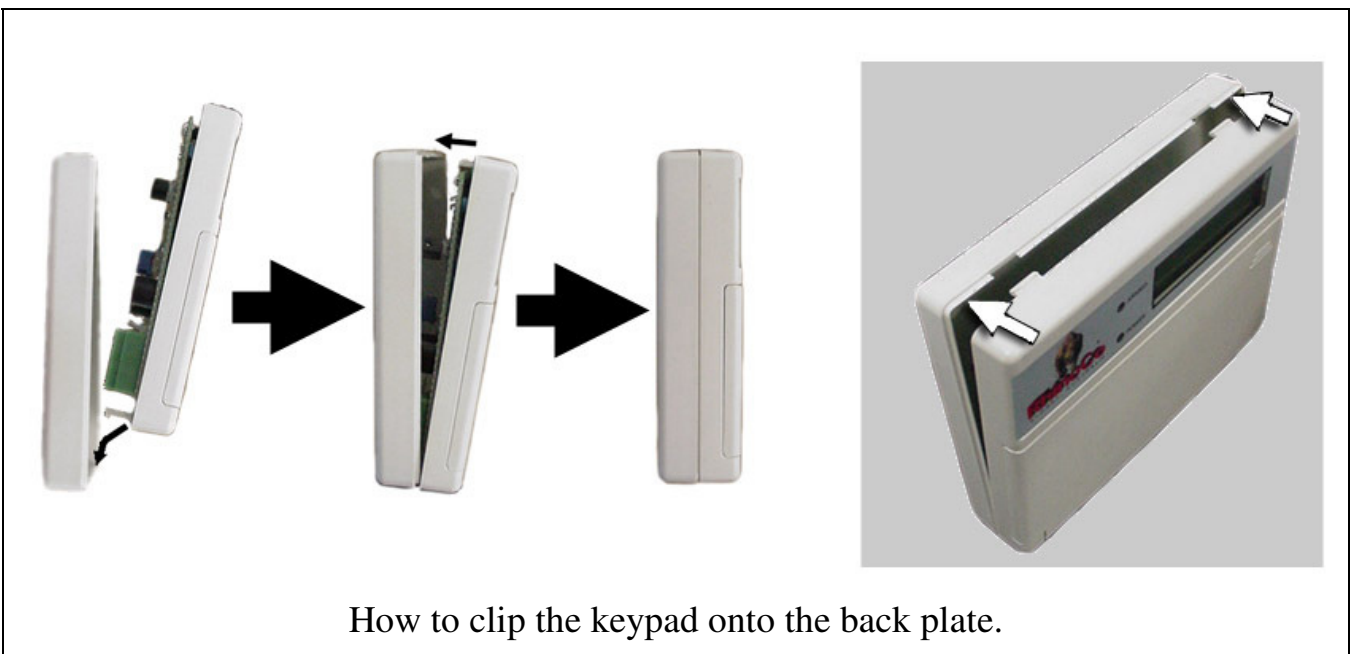
How to clip the keypad onto the back plate.

 Wiring
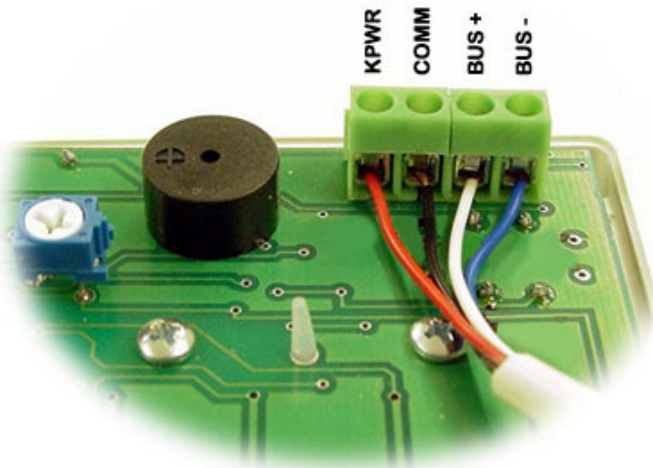
Using 4 core cable preferably:

Connect the terminals on the keypad to the respective terminal on the main control panel.

NOTE: A maximum of four keypads can be connected. If more than one keypad is connected, the other keypads have to be addressed. Use JP1 & JP2 for the addressing of the keypad.

 Keypad Assignment

Legend	☐ Jumper OFF ■ Jumper ON	If only one keypad is being installed the jumpers do not need to be moved. If more than one keypad is being installed then each keypad must be assigned individually and no additional keypad may set-up the same way.

WARNING: DO NOT PLACE A JUMPER IN THE JP3 (Jumper 3) POSITION.		
Keypad 1	JP1 JP2 JP3 ■ ☐ ☐	Jumper 1 ON only
Keypad 2	JP1 JP2 JP3 ☐ ■ ☐	Jumper 2 ON only
Keypad 3	JP1 JP2 JP3 ■ ■ ☐	Jumpers 1 & 2 ON only
Keypad 4	JP1 JP2 JP3 ☐ ☐ ☐	No Jumpers installed (default)
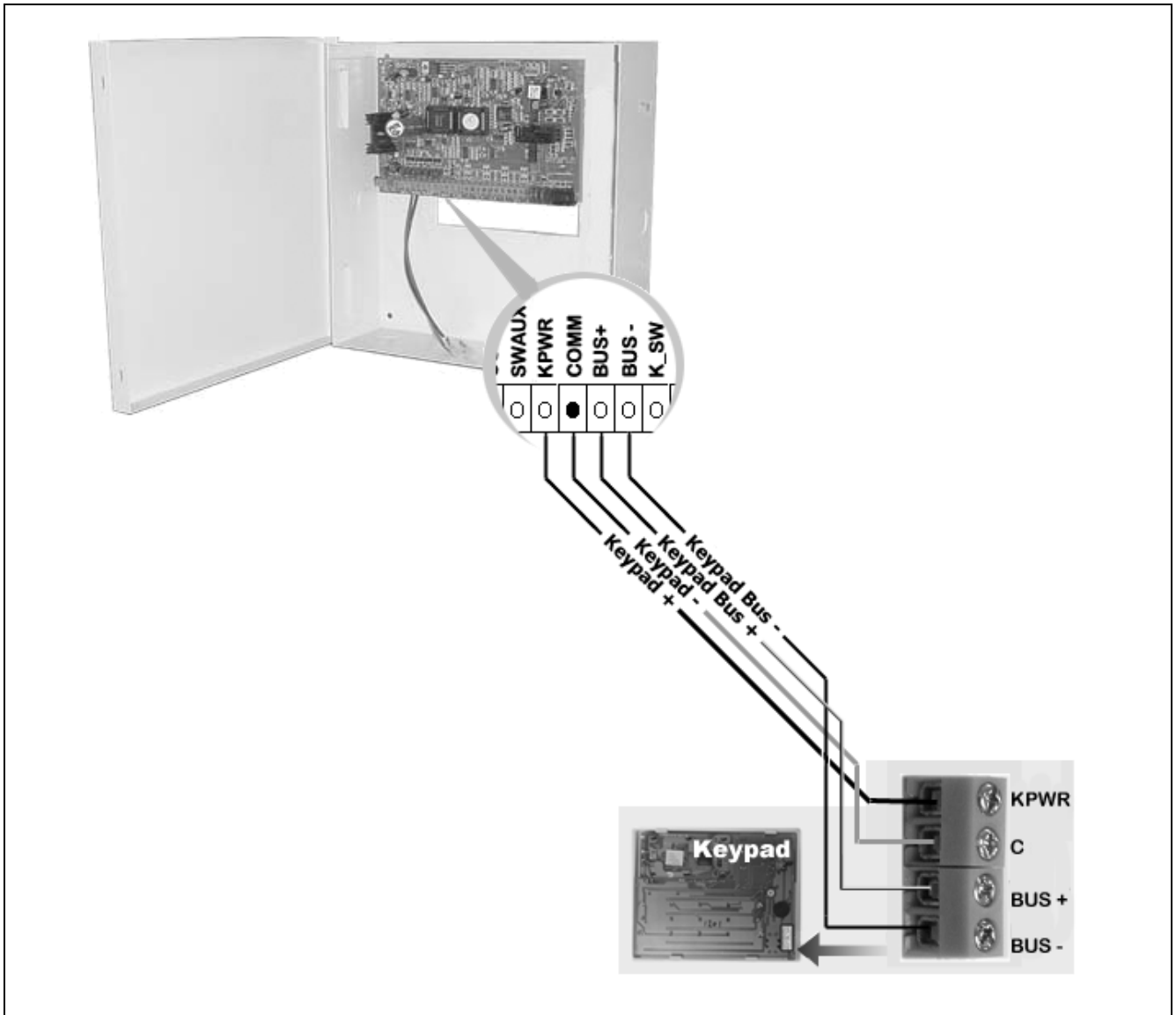
2.4. The Outside Siren

Description

The outside siren performs the following important functions:

1. Provides an alarm sound when the system is triggered lets anyone nearby know that an alarm has occurred].
2. Provides visual deterrent to any would be thieves.
3. Provides visual alert when the alarm has been triggered.
4. A tamper switch protects it so that no thief is able to remove it without the alarm being triggered.
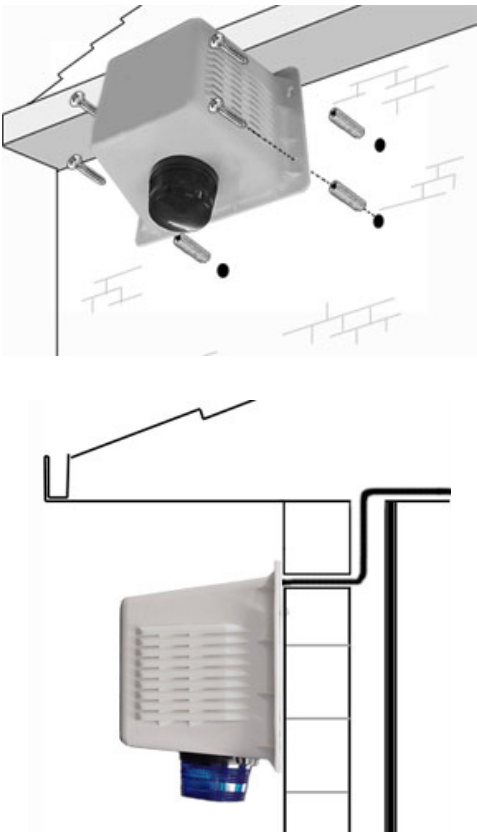
Mounting

Mount the Outside Siren and Strobe at the front or front side of the building. The mounting position should be under an eave or out of direct contact with rain or other water sources. The position should allow line of sight viewing from both the street (for visual deterrent) and from your main point of entry (for visual confirmation of arming/disarming - [optional]).

Example: Assemble the Siren Box
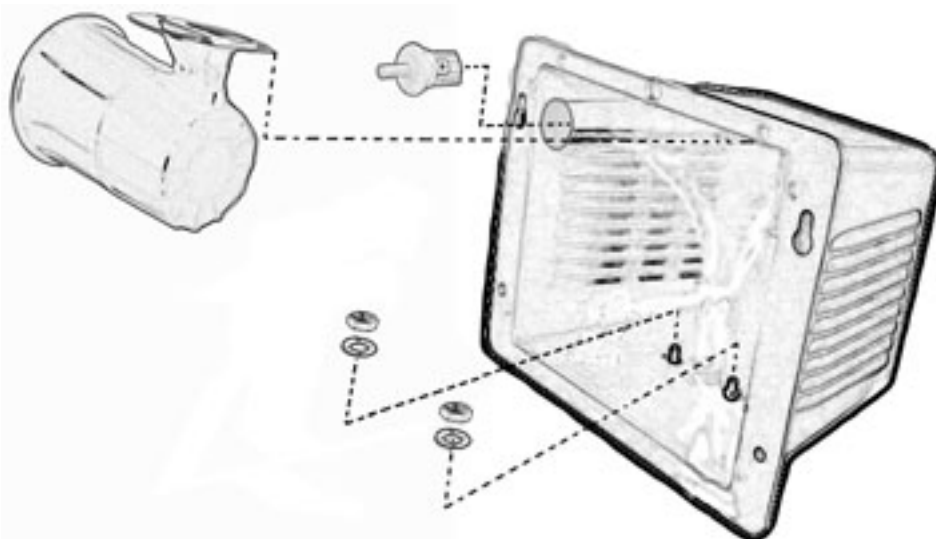
Insert the Siren, Tamper Switch and Strobe into the Siren Box.

Example: Siren Box Mounting

1. Drill mounting holes (7mm diameter, 25mm minimum in depth) into the chosen wall.

2. Use a green star plug. Press each one into the 4 main mounting holes.

3. Make a hole, push the wires through the wall and up into the ceiling.

4. Screw the top 2 screws half way in.

5. Place the unit to support itself from the top 2 screws through the key shape holes at the top of the main unit

6. Screw in and tighten the bottom two mounting screws then tighten the top two screws.

Wiring

Control Panel

Screamer

DC Siren   Strobe   Tamper

Outside Siren Box

2k2 Resistor

Note:
The DC Siren, Strobe, Tamper, Screamer and Outside Siren box are sold separately. Generally the positive (+) wire from each component such as the strobe and siren is red in colour or contains a red trace. The negative (-) wire from each component is generally black or contains a black trace.

| General Rule: | RED | = Positive | (+) |
| | BLACK | = Negative | (-) |

2.5. The Screamer

Description

Please note: A screamer is not generally supplied with this alarm panel but may be included with special bundled packages. Screamers are available and sold separately if one hasn't been included with your package.

Standard screamer types available include:

	Flush mount screamer
	Top hat screamer

Mounting

Screamer(s) are generally mounted on the ceiling. It can be located almost anywhere you like. It is advised that you place it in a position that is central where the sound travels evenly through the house. Since its main purpose is to make the sound unbearable to any would be intruder you may choose the most appropriate position to best suit the building to which it is installed.

Example – mounting a top hat screamer

1. Drill a hole (15mm diameter) into the ceiling where you want to mount the screamer. This where the wire from the screamer will pass through. Pick a position where there is no stud/framework above the ceiling, preferably in a central position such as a corridor or hallway.

2. Feed the wire coming from the screamer up through the 15mm hole into the ceiling where it will join to the wire going to the control panel.

3. Push the screamer on to the ceiling aligning the hole with the wire coming out of the screamer.

4. Place the self-tapping screws into the mounting holes on the screamer

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then screw them into the ceiling.
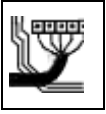
Wiring
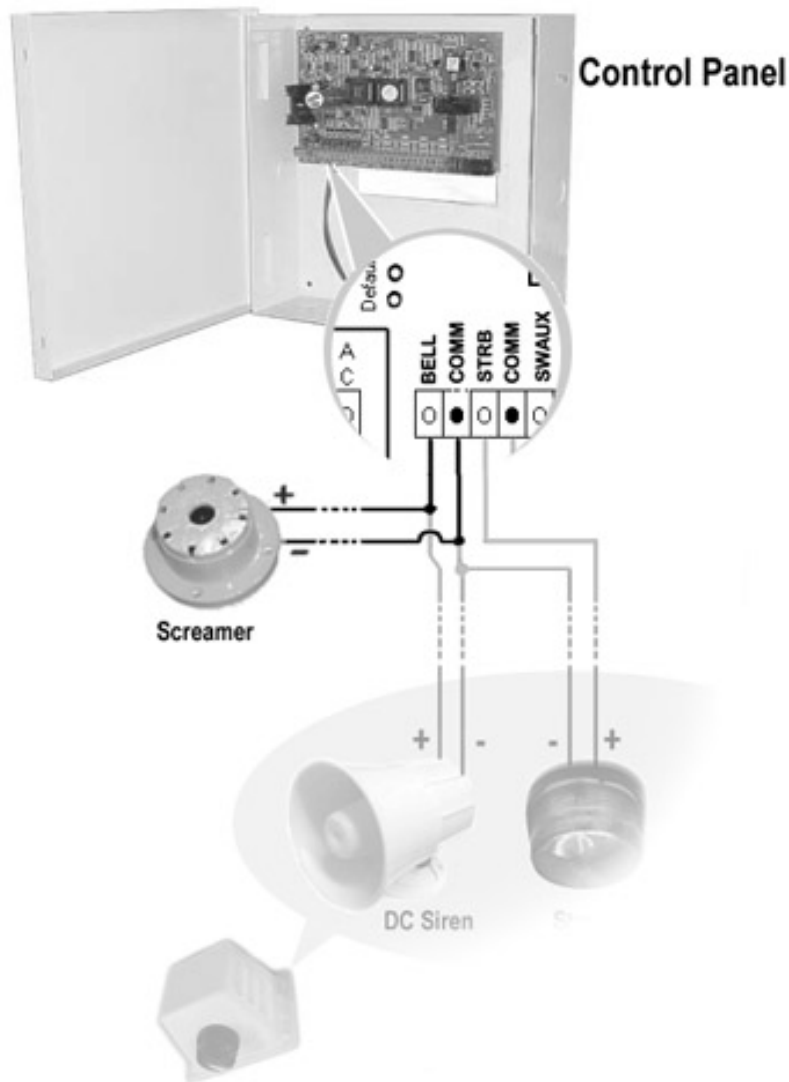
The screamer is wired to the BELL and COMM terminals on the control panel in parallel with the DC Siren.

2.6. The Sensors

Description

Other optional accessories may include:
- Passive Infrared Sensors
- Reed Switches
- Panic buttons
- Smoke sensors
- Other various sensors are also available.
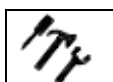
Mounting

Refer to the instructions supplied separately with each sensor you include with or add to the system.

Wiring

Refer to the instructions supplied separately with each sensor you include with, or add to the system.

Generally, each zone could contain multiple sensors wired in series but the number of sensors on each zone should be kept to a minimum.

Each sensor is powered from the two terminals on the control panel labelled as **SWAUX** and **COMM** (these terminals are side by side). Together, these terminals supply a 12 Volt DC supply to the sensors. No more than 800mA of electrical current should be drawn from these terminals.

ZONE INPUTS

Connect the sensors to the terminal labelled **Zx and C**. Where X is a spare available zone terminal on the panel.

2.7. The Backup Battery

You should only connect the backup battery once the wiring has been completed.

The back up battery should be connect **FIRST** before connecting the Mains AC Adaptor.

This panel has been specifically designed to only use a 12 Volt, 7 Ampere hour, [12V 7AH] Sealed Lead-Acid Battery. Connect the red wire from the alarm panel to the positive terminal of the backup battery and the black wire to the negative terminal of the backup battery.

2.8. AC Power

Mains power is supplied from a 16VAC, 25 VA plug pack/transformer. Connect the plug pack or transformer to the terminals labelled **AC**. The Green (or Green/Yellow) wire from an Australian plug pack is generally the Earth Wire and should be connected to the earth point on the panel. The other 2 AC Wires can be connected to the AC terminals. The AC wires may be placed either way to the AC terminals. They are not polarity conscious due to the nature of the AC power signal.

3. Operation

3.0. How To 'Arm' The System

Before arming the system the system in any mode the keypad must display "**READY**". If it is not ready then it is due to a zone being open or triggered. This may mean that a window has been left open, a door is still open or there is movement within the building.
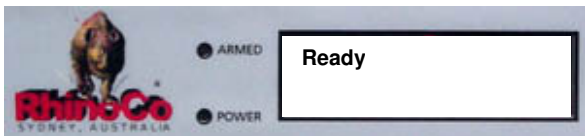
1.	Ready	The keypad must display "Ready" before you are able to arm the system.
2.	1 + 2 + 3 + 4	Enter a valid **user code** (default is 1234).
3.	Press Enter	Press the "ENTER" key.
4.	Exit now	During the exit delay the keypad will display "Exit now".
5.	Armed	The keypad will display "Armed" when the system is fully armed and the armed light will turn on. (The strobe will flash for 1.5 seconds)
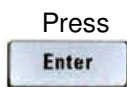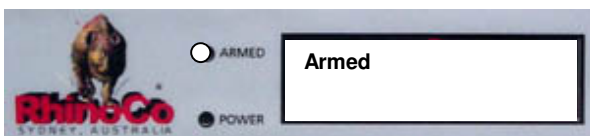
3.1. How To 'Quick Arm' The System

Use this to arm the system without having to enter a user code.

1.

The keypad must display "Ready" before you are able to arm the system.

---
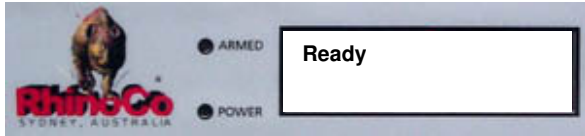
2. Press

Q/H Arm

Press the Q/H Arm button to arm the system without having to enter a user code.

3.

During the exit delay the keypad will display "Exit now".

4.

The keypad will display "Armed". The strobe will flash for 1.5 seconds and the Armed light will turn on.

3.2. How To 'Home Arm' the System (STAY)

NOTE: If no zones are programmed to be activated when in HOME mode, Home arm is automatically disabled. This mode is used when protecting your home or office while you are there.

1.

ARMED **Ready**

POWER

The keypad must display "Ready" before you are able to arm the system.

2.

Press for **2 seconds**

Q/H Arm

Hold the Q/H Arm button to home arm the system without having to enter a user code.

3.

ARMED **Exit now**

POWER

During the exit delay the keypad will display "Exit now".

4.

ARMED **HomeARM**

POWER

The keypad will display "HomeARM" and the ARMED light will turn on.

3.3. How To 'Disarm' The System

1.

1 + 2 + 3 + 4

Enter a valid **user code** (default is 1234).

2.

Press

Enter

Press the "ENTER" key then the system will disarm.

3.

ARMED **Ready**

POWER

The keypad will display "Ready". The strobe light will flash for 4 seconds and the armed light will turn off.

3.4. Phone Operations

3.4.0. How to 'Arm' via Mobile Phone (GSM model only)

To Arm the alarm through Phone Operations be sure Phone Remote is enabled in programming option 4.

Send a text message as shown below to the mobile number assigned to the alarm system. When the system receives the message it will Arm.
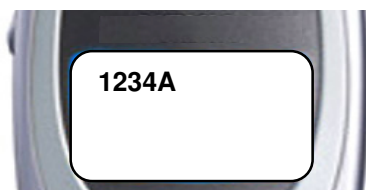
1234A

1234A

NOTE: Replace 1234 with your assigned Master Code.

To receive a confirmation that your system is armed, ensure that Closing reports are programmed in option 6. The confirmation message will be sent to the SMS receiver number programmed into the system.

If programmed you will receive a close message to confirm the system is armed. A closing message will look similar to what is shown below.

**Account No
9991 Close
by user 1 End**
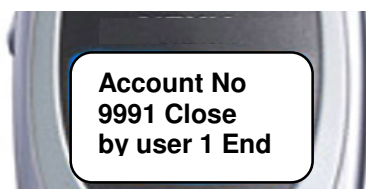
3.4.1. How to 'Disarm' via Mobile Phone (GSM model only)

To Disarm the alarm through Phone Operations be sure Phone Remote is enabled in programming option 4.

Send a text message as shown below to the mobile number assigned to the alarm system. When the system receives the message it will Disarm.
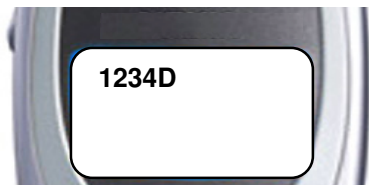
1234D

> 1234D

NOTE: Replace 1234 with your assigned Master Code.

To receive a confirmation that your system is disarmed, ensure that Opening reports are programmed in option 6. The confirmation message will be sent to the SMS receiver number programmed into the system.

If programmed you will receive a open message to confirm the system is disarmed. A opening message will look similar to what is shown below.

> Account No
> 9991 Open by
> user 1 End
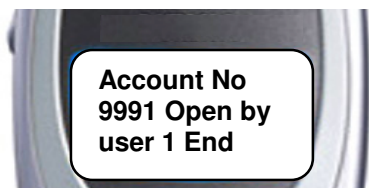
3.4.2. How to Check Status via Mobile Phone (GSM model only)

To Check the Status of the alarm through Phone Operations be sure Phone Remote is enabled in programming option 4.

Send a text message as shown below to the mobile number assigned to the alarm system. When the system receives the message it will report back to the SMS number programmed into the system.
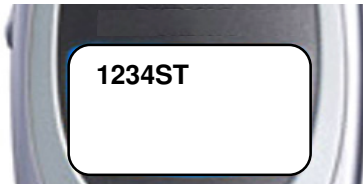
1234ST

1234ST

NOTE: Replace 1234 with your assigned Master Code.

The status report you will receive will look similar to what is shown below.

Sys Disarmed,
Isolated: None
Ac supply ON
Sys batt is Ok
End
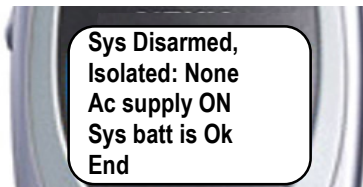
3.4.3. Phone Messages (SMS)

Some examples of SMS messages that may be sent to you from the alarm system are as follows:
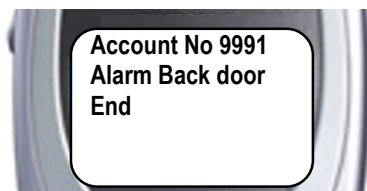
Account No 9991 **Alarm Back door** **End**	You will receive this message when your alarm has been triggered by the back door.
Account No 9991 **Restr Back door** **End**	You will receive this message when your alarm has restored the back door zone.
Account No 9991 **Panic On** **End**	You will receive this message when your alarm has been triggered by the Panic button.
Account No 9991 **Panic Off** **End**	You will receive this message when your alarm has disarmed after a Panic activation.
Account No 9991 **Ac lost** **End**	You will receive this message when your alarm has lost mains power.
Account No 9991 **Ac Ok** **End**	You will receive this message when the alarm has AC power restored.
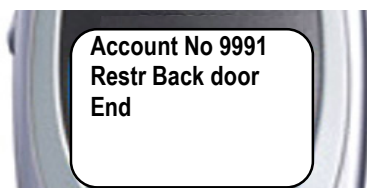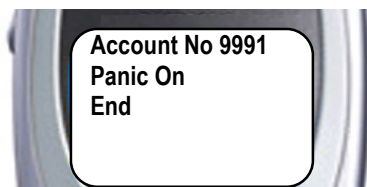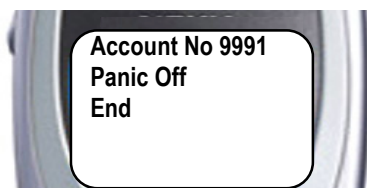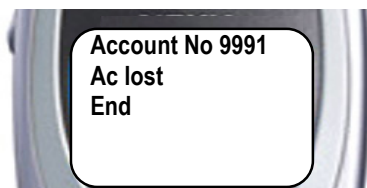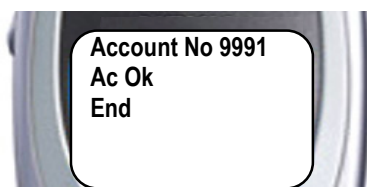
3.5. How To Isolate Zones

1.
ARMED
Ready
POWER
Ensure the keypad is displaying "Ready".

2.
Press
Menu
Press the Menu Key
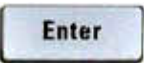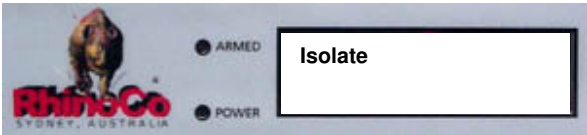
3.
ARMED
Isolate Zone
Menu=N Enter=Y
POWER
The display will show the following:

(times out in 10 seconds)

4.
Press
Enter
Press the Enter Key to select isolate zones.

5.
ARMED
Enter Code
POWER
The display will show the following.

6.
1 + 2 + 3 + 4
Enter the **master** user code

7.
Press
Enter
Press the Enter Key

8.
ARMED
Isolate
POWER
The display will show the following.

9. Press

3   (example only)

Press the zone number you wish to isolate. Pressing "3" will isolate zone 3. This is an example only.

10.

ARMED

RhinoCo
SYDNEY, AUSTRALIA

POWER

Zone NO: 3
Not Isolate

The display will show the following.

---

11. Press
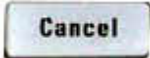
Menu

You may change the isolation setting for multiple zones.

Press the menu key to toggle between '**not isolate**' and '**isolate**'.

12. Press

Enter

Press the **Enter** key to move to the next zone and save any change.

Press the **Cancel** button to go back one zone.

---

13. Hold for 2 seconds

Cancel

Press the cancel button for 2 seconds to exit back to the ready screen.

NOTE
ISOLATED ZONES

Isolated zones will be displayed as shown below from the ready screen.

ARMED

RhinoCo
SYDNEY, AUSTRALIA

POWER

Ready   Bypass:
Zone_3 Lounge
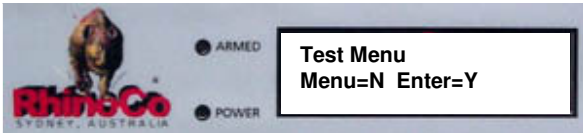
The display will cycle through each isolated zone for 6 seconds before moving to the next.

3.6. How To Enter 'Test Mode'

The TEST MENU will allow the installer to perform a WALK TEST of the Zones, a SIREN & STROBE TEST, DIALLER TEST, and a BATTERY TEST.

1. Press **Menu** x 2
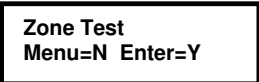
Press the Menu Key twice from the ready screen.

2.

● ARMED

Test Menu
Menu=N Enter=Y

● POWER

The display will show the following.

3. Press **Enter**

Press the Enter key to select the Test Menu.

3.5.1. Walk Test

4.

Zone Test
Menu=N Enter=Y

Press **Enter**
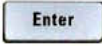
Each time a zone is triggered, the zone number will be displayed for one second and the keypad will beep.

Walk Test
Zone_4 Lounge

Zone 4 triggered.

Then, each zone triggered will be displayed for 6 seconds each.

If you press the **Enter** button it will scroll forward displaying each zone that has been triggered up to the most recent zone triggered.

Press **Cancel** to exit this mode.

Press **Menu**

3.5.2. Siren & Strobe Test

5.
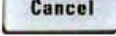
> Siren/Stb
> Menu=N Enter=Y

Press

Enter

This will allow the installer to test the SIREN and the STROBE. The siren and strobe will activate for 3 seconds.

If the siren and strobe are not wired you will not be able to perform this test.

Press **Cancel** repeatedly until the Ready screen is displayed.

Press

Menu

3.5.3. Dial Test

6.

> Dial Test
> Menu=N Enter=Y

Press

Enter

A test message will be sent to the control room(s) and/or the mobile phone(s) as programmed.
Make sure that the DIALLER is enabled in the TIMER / CONTROL (option 4). Also make sure the correct TELEPHONE NUMBER and COMMUNICATION FORMAT are selected.

Upon successful completion of the test report the unit will respond with TEST PASSED. Press **Cancel** to exit the menu.

> **ACC_N0001**
> **Test**
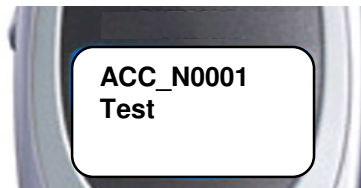
An SMS message will appear as shown (if programmed).

DIALLER TEST <u>MUST</u> is enabled for this test to work. (refer to Installer Programming – Dialler Programming.)
NOTE: If 3 beeps are heard while attempting to complete a dial test. The **DIALLER ENABLED** option has not been turned on.

Press

Menu

3.5.4. Battery Test

7.

```
Batt Test
Menu=N  Enter=Y
```

Press

Enter

The battery test performs a dynamic test of the battery under load by disconnecting the AC supply from the charger, this test will take approximately 2 minutes and upon completion of the test and depending on the condition of the battery the unit will respond with TEST PASSED or TEST FAIL.

Press the **Cancel** button to go back to the test menu or press the **Cancel** button repeatedly to go back to the ready screen.
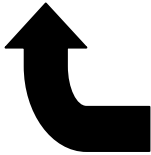
Press

Menu

to go back to the zone test menu.

OR
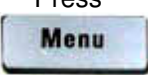
Press

Cancel

Repeatedly to go back to the ready screen.

3.7. How To Enter 'Service Mode'
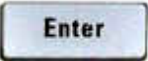
If the keypad is showing a SERVICE message, enter the SERVICE MESSAGE menu by following these steps.

1.	Press **Menu** x 4	Press the Menu Key four times from the ready screen.
2.	ARMED — Service Msg Menu=N Enter=Y — RhinoCo SYDNEY, AUSTRALIA — POWER	The display will show the following.
3.	Press **Enter**	Press the Enter key to select the service message menu.
4.	ARMED — TampAlarm Zone_3 Lounge — RhinoCo SYDNEY, AUSTRALIA — POWER	An example of a service message is shown here.
5.	Press **Enter**	Press the Enter key to cycle through any additional service messages.
6.	Press **Cancel** Repeatedly	Press the cancel button repeatedly to exit back to the ready screen.
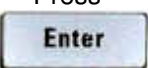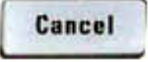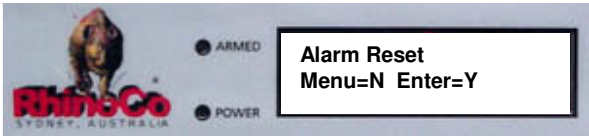
3.8. Resetting The Alarm

If a violation of a zone has occurred while the system was armed this will be shown on the display, follow these steps to clear the memory.

1.	Press **Menu** x 5	Press the Menu Key five times from the ready screen.
2.	ARMED POWER Alarm Reset Menu=N Enter=Y	The display will show the following.
3.	Press **Enter**	Press the Enter key. The memory will be cleared and the display will return to the ready screen. This clears the SERVICE message as well.

3.9. Telephone Line Faults

In the case of line problems with the telephone system, disconnect the RhinoCo panel from the line, do not disconnect from the RJ11 jack from the panel as this may prevent the premise telephones from operating. If the telephone system returns to normal operation after the removal of the panel from the line, the control panel has a problem and should be returned for repair.

All faulty equipment, whether under warranty or out must be returned to RhinoCo Pty. Ltd. or it's authorized service agents for repairs.

4. Programming

4.1. General Programming

Throughout programming, 3 common keys are used. MENU, ENTER and CANCEL keys are used to navigate through the various programmable options. Their functions are outlined below.

This key is used for cycling through either a menu or options. Pressing this button will display the next menu or next option.

This is for selecting a menu option or saving a selection or setting.

This key is for moving **back up** a step and will not save any changes to the current selection. If held down for approximately 3 seconds it will exit programming mode.
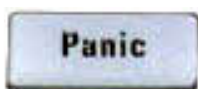
Where a cursor is displayed, for example when programming phone numbers, this key will move the cursor **back** one position.

Where a cursor is displayed, for example when programming phone numbers, this key will move the cursor **forward** one position.

Where a cursor is displayed, for example when programming phone numbers, this key will **delete** the number above the cursor.

4.1.1. Quick Programming Guide

```
                              Programming
                  ┌───────────────┴───────────────┐
            End User                          Installer
           Programming                       Programming
        ┌──────┴──────┐                           │
   User Codes      SMS Phone
                    Number
```

Option 1 **Installer PIN code (User PIN codes)**	Option 2 **Zone Programming**	Option 3 **Emerge** (Emergency)	Option 4 **Control/ Timers**	Option 5 **Dial Menu**	Option 6 **Rpt Menu** (Reports)	
Master Code	Zone Type	Panic Siren	Entry delay	Account Number	**Zone Rpt**	**Events**
User Codes	Zone Chime	Medical Siren	Exit delay	Phone 1	Alarm	Open
	RF Zone	Fire Siren	Siren Time	Phone 2	Restore	Close
	Zone Restore		Dial Offset	SMS_ NetPh 125107	Isolation	Panic
	Siren Type		Dial Period	Rec1 Form	RF Battery	**Medic**al
	Zone Isolation		AC timer delay	Rec2 Form	RF Lost	Fire
	Home Mode		Battery offset	Routine Rec		Duress
	Zone Response		Battery Period	Dial Test		AC Lost
	Pulse Count		Line Delay			Sys_batt
	Zone Name		Bell Reverse			Remote
			RF Tamper			
			Dial Enable			
			RF Remote			
			Open Override			

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4.2. End User Programming

This area is for the changing of the user PIN numbers and the SMS phone number that the system will send messages to in the event of the alarm being activated.
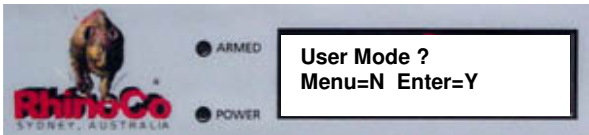
4.2.1. How To Enter 'User Mode'
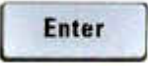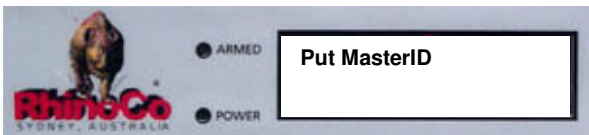
1.	● ARMED **Ready** ● POWER	Ensure the keypad is displaying "Ready".
2.	Press **Menu** x 3	Press the Menu Key three times from the ready screen.
3.	● ARMED **Program Mode** **Menu=N Enter=Y** ● POWER	The display will show the following.
4.	Press **Enter**	Press the Enter key to select program mode.
5.	● ARMED **User Mode ?** **Menu=N Enter=Y** ● POWER	The display will show the following.
6.	Press **Enter**	Press the Enter key to select User mode.
7.	● ARMED **Put MasterID** ● POWER	An example of a service message is shown here.
8.	1 + 2 + 3 + 4	Enter the valid **master code** (default is 1234).

4.2.1.1. Changing User Codes

9.

```
Select User
Menu=N   Enter=Y
```
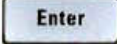
Press

Enter

This will allow you to change user codes 1 to 16. User 1 is the **Master Code**.

```
Change User      1
Code:1234
```

Enter the new 4 digit code for the displayed user

Press [Enter] to save the new user code and to select the next user

Press [Cancel] to go back to the previous user code. This will not save any changes to the current user code.

Press [Cancel] repeatedly to exit user programming until the Ready screen is displayed.

10. Press

Menu

4.2.1.2. Change the SMS Phone Number

11.

| Program SMS
Menu=N   Enter=Y |

Press

Enter

This will allow you to change the SMS phone number.

| Enter Ph No
<u>0416036583</u> |

Enter the new mobile phone number

Press **Enter** to save the new phone number.

Press **Cancel** to go back to the Program SMS menu. This will not save any changes to the SMS phone number.

Press **Cancel** repeatedly to go back and exit user programming or until the Ready screen is displayed.

Press

Menu

to go back to the select user menu.

OR

Press

Cancel

Repeatedly to go back to the ready screen.
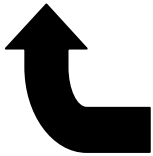
4.3. Installer Programming

This area is generally used when the system is first installed into the premises or when changing system components (adding/removing detectors and sensors), after defaulting the system.

4.3.1. How To Enter 'Installer Mode'

1.	● ARMED **Ready** ● POWER	Ensure the keypad is displaying "Ready".
2.	Press **Menu** x 3	Press the Menu Key three times from the ready screen.
3.	● ARMED **Program Mode** **Menu=N Enter=Y** ● POWER	The display will show the following.
4.	Press **Enter**	Press the Enter key to select program mode.
5.	● ARMED **User Mode ?** **Menu=N Enter=Y** ● POWER	The display will show the following.
6.	Press **Menu**	Press the Menu key to select Install mode.
7.	● ARMED **Install Mode** **Menu=N Enter=Y** ● POWER	An example of a service message is shown here.

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8.   Press
        [Enter]   Press the Enter key to
                                                                     select Install mode.

---

9.   Enter Code   The display will show
                                                                     the following.

---

10.   [0 / Fire] + [1] + [2] + [3] + [4] + [5]   Enter the Installers code.
                                                                     Default is 012345.

---

11.   Enter 1-6   The display will show
                                                                     the following.

---

12.   Press [1] for installer code and user code programming **OR**

        Press [2] for zone programming **OR**

        Press [3] for emergency key programming **OR**

        Press [4] for timers control programming **OR**

        Press [5] for dialer programming **OR**

        Press [6] for event report programming.

4.3.2. Option 1 - Installer Code and User Code Programming

This menu will enable you to change the installer code, master code and any user code. The panel can store up to 16 user codes.

1. Once you enter option 1 from installers mode the display will show the following.

| Install PIN CODE:012345 | Enter the new 6 digit installer code | Press **Cancel** repeatedly to exit and disregard any changes. |

| | Press **Enter** | Press enter to save the new installer code. |

2. Press **Menu**
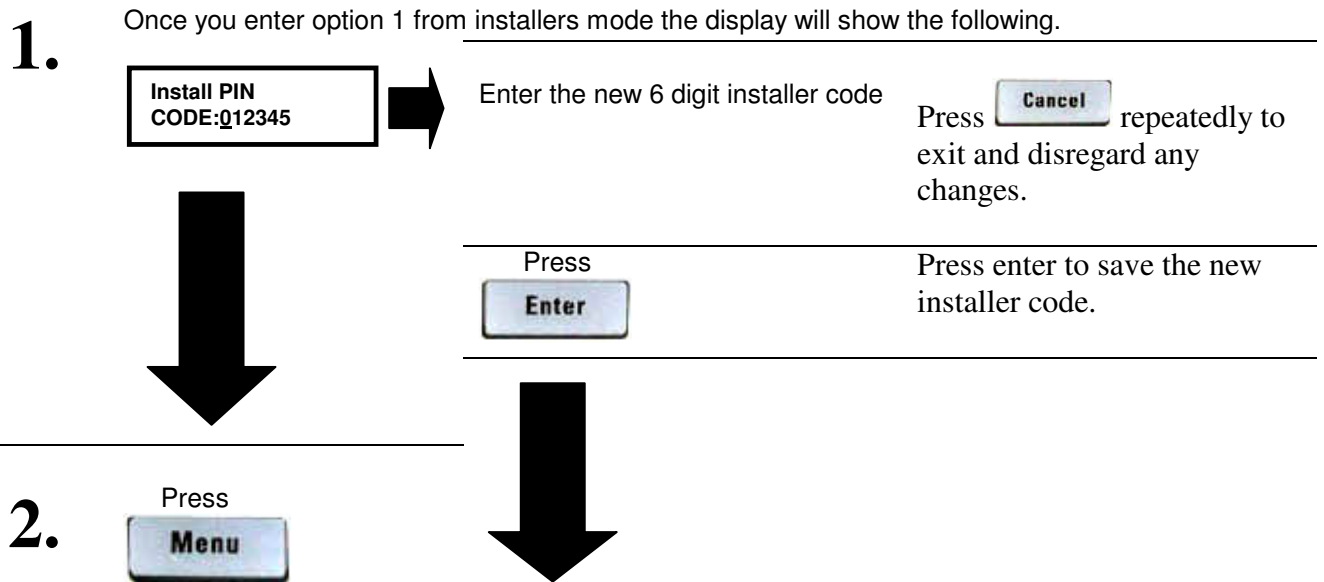
4.3.2.1. Changing The Master Code

3.

| Master PIN CODE:1234 | Enter the new 4 digit Master Code. | Press **Cancel** repeatedly to exit and disregard any changes. |

| | Press **Enter** | Press enter to save the new installer code. |

4. Press **Menu**

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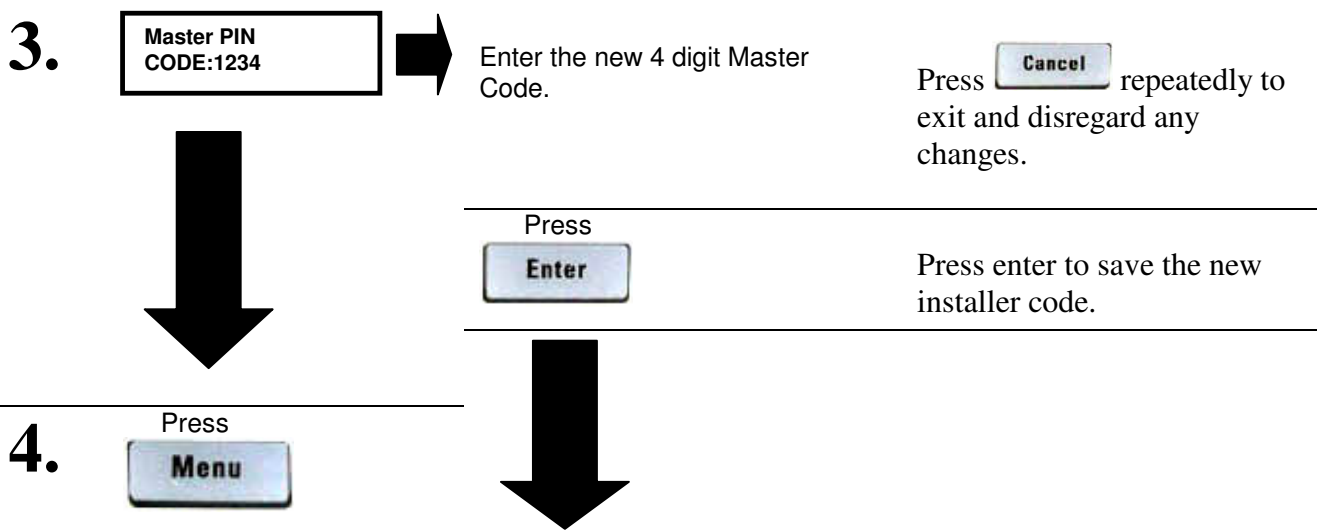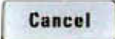
4.3.2.2. Changing User Codes

5.

| Select User |

Select a user 2 – 16.

Press **Cancel** repeatedly to exit and disregard any changes.
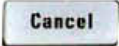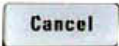
| User No: 2 |
| CODE: 5234 |

The display will show the following (example only).

Enter the new 4 digit code for the displayed user

Press **Enter** to save the new user code and to select the next user

Press **Cancel** to go back to the previous user code. This will not save any changes to the current user code.

Press **Cancel** repeatedly to exit user programming.
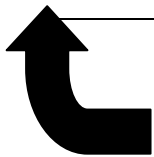
Press **Menu** to go back to the Installer PIN menu.

OR

Press **Cancel** Repeatedly to go back to the ready screen.

4.3.3. Option 2 - Zones

1. Once you enter option 2 from installer's mode the display will show the following.

```
Program Zone 1
Menu=N   Enter=Y
```

Press

Menu

Press Menu to select the next zone. This will cycle through the zones.

Display for GSM version

```
Set Zones        1
Menu=N   Enter=Y
```

2. Press
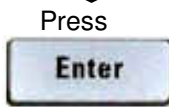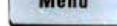
Enter

Press Enter to select the zone shown on the display.

4.3.3.1. Zone Type

3.
```
Zone Type   1
Delay
```

Press **Menu** to change the setting. A detailed list of the settings is shown below.

Disable will de-activate the zone. Select this when the zone is not being used.

Delay will give the user time to disarm the system before generating an alarm if this particular zone is triggered on entry.

Interior will not generate an alarm on entry if a delay zone is triggered first. It will generate an alarm if a delay zone has not been triggered first.

Instant will generate an alarm instantly once armed.

24h Zone will generate an alarm instantly whether the system is armed or disarmed

Default settings			
Zone 1	- Delay	Zone 2, 3 & 4	- Interior
Zones 5, 6 & 7	- Instant	Zone 8	- 24h Zone

Press

Enter

Press enter to save the new setting and move to the next feature.
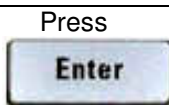
4. Press

Enter

Press Enter to move forward to the next feature.

4.3.3.2. Chime

5.
```
Chime    1
No
```
Press **Menu** to change the setting. A detailed list of the settings is shown below.

No	will disable chime.
Yes	will sound the keypad buzzer when a zone is triggered when the system is in the disarmed state.

Press **Enter** — Press enter to save the setting and move forward to the next feature.

6. Press **Enter**
Press Enter to move forward to the next feature.

4.3.3.3. RF Zone

7.
```
RF_Zone    1
No
```
Press **Menu** to change the setting. A detailed list of the settings is shown below.

No	will disable the zone from being used as a wireless zone.
Yes :	For use with the RhinoCo Wireless receiver and sensors. Product Code: SMS8RX, PIRW & WREED etc. **NOTE**: This mode should be set to disabled if none of these devices are being used.

Press **Enter** — Press enter to save the setting and move forward to the next feature.
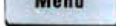
8. Press **Enter**
Press Enter to move forward to the next feature.

4.3.3.4 Zone Restore

9. | Zn Restore   1 |
        | On Disarm |

Press **Menu** to change the setting. A detailed list of the settings is shown below.

| **On Disarm** | Once the time out period has finished, that zone cannot be re-triggered until the alarm is disarmed and then re-armed. |
| **On Seal** | means the zone will restore as soon as the time out (siren) period is finished. It can then be re-triggered |

Press **Enter**

Press enter to save the setting and move forward to the next feature.
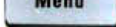
10. Press **Enter**

Press Enter to move forward to the next feature.

4.3.3.5 Siren Type

11. | Siren Type   1 |
         | Steady |

Press **Menu** to change the setting. A detailed list of the settings is shown below.

Disable :	The siren will not sound for the chosen zone.
Steady	means the siren will constantly sound when the chosen zone is triggered.
Pulsing	means the siren will turn on then off every second.
Just Keypad	means the keypad buzzer will sound only.

Press **Enter**

Press enter to save the setting and move forward to the next feature.
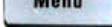
12. Press **Enter**
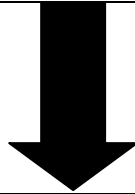
Press Enter to move forward to the next feature.

4.3.3.6. Zone Isolation

13.
```
Isolation    1
Yes
```

Press **Menu** to change the setting. A detailed list of the settings is shown below.

No	will disable the zone from being isolated.
Yes	will enable the zone to be isolated.

Press **Enter** — Press enter to save the setting and move forward to the next feature.
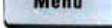
12. Press **Enter** — Press Enter to move forward to the next feature.

4.3.3.7. Home Mode

14.
```
Home mode    1
No
```

Press **Menu** to change the setting. A detailed list of the settings is shown below.

No	will enable the zone to activate in home mode.
Yes	will disable the zone in home mode.

Press **Enter** — Press enter to save the setting and move forward to the next feature.

15. Press **Enter** — Press Enter to move forward to the next feature.

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4.3.3.8. Zone Response Time

16. | Response   1 |
         | 500 Msec |

Press **Menu** to change the setting. A detailed list of the settings is shown below.

20 Msec	The zone must be open for 20 milli-seconds before it will be trigger and register as an alarm.
250 Msec	The zone must be open for 250 milli-seconds before it will be trigger and register as an alarm.
500 Msec	The zone must be open for 500 milli-seconds before it will be trigger and register as an alarm. This setting suits most sensors.

Press **Enter**

Press enter to save the setting and move forward to the next feature.

17. Press **Enter**

Press Enter to move forward to the next feature.
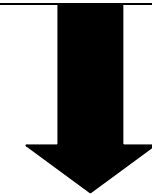
4.3.3.9. Pulse Count

18. | Double Hit   1 |
         | No |

Press **Menu** to change the setting. A detailed list of the settings is shown below.

No	Will enable the zone to trigger the alarm after the zone opens once.
Yes	Will only allow an alarm trigger after it has opened the zone twice.

Press **Enter**

Press enter to save the setting and move forward to the next feature.

19. Press **Enter**

Press Enter to move forward to the next feature.
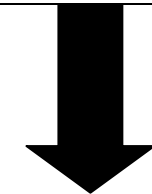
4.3.3.10. Zone Name

20.
Zone Name   1
None

Press [Menu] to change the setting. A detailed list of the settings is shown below.

The name that you choose for the particular zone will be shown on the keypad and on SMS messages.

None	M_Bedroom	Reception	Show Room
FrontDoor	Bedroom 2	Office 1	Hallway
BackDoor	Bedroom 3	Office 2	Panic
Kitchen	Fire	Office 3	Tamper
Lounge	Garage	Workshop	
Dining	Basement	StoreRoom	

Press

[Enter]

Press enter to save the setting and move to the first feature on the next zone.

21.

Press

[Enter]

to go back to first feature of the next zone.

OR

Press

[Cancel]

Repeatedly to go back to the ready screen.

4.3.4. Option 3 - Emergency Keys

1. Once you enter option 3 from installers mode the display will show the following.

```
Emerg
Menu=N  Enter=Y
```

Press

Menu

Press Menu to move to the Timer & Control options or press **Cancel** repeatedly to exit back to the ready screen.

2. Press

Enter

Press Enter to select the Emergency options.

4.3.4.1. Panic Siren

3.
```
Panic
Menu=N  Enter=Y
```

Press

Enter

Press Enter to select the panic option

```
Siren Type
Steady
```

The display will show the following.

Press

Menu

to select one of the options below.

Press **Enter** to keep the current setting or press **Cancel** repeatedly to exit back to the previous menu.

Disable	Disables panic from triggering the siren.
Steady	Enables the siren to sound steady when panic is triggered.
Pulsing	Enables the siren to turn on then back off every second when panic is triggered.
Just Keypad	Enables only the keypad to buzz when panic is triggered.

Press

Enter

Press Enter to save your choice and move to the next menu.

4. Press

Menu

Press Enter to move forward to the next feature.

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4.3.4.2. Medical Siren

5.

```
Medic
Menu=N  Enter=Y
```

Press
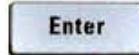
Enter

Press Enter to select the panic option

```
Siren Type
Pulsing
```

The display will show the following.

Press

Menu

to select one
of the options
below.

Press **Enter** to keep the current setting or press **Cancel** repeatedly to exit back to the previous menu.

Disable	Disables panic from triggering the siren.
Steady	Enables the siren to sound steady when panic is triggered.
Pulsing	Enables the siren to turn on then back off every second when panic is triggered.
Just Keypad	Enables only the keypad to buzz when panic is triggered.

Press

Enter

Press Enter to save your choice and move to the next menu.

6.

Press

Menu

Press Enter to move forward to the next feature.

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4.3.4.3. Fire Siren

7.

Fire
Menu=N Enter=Y
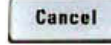
Press

Enter

Press Enter to select the panic option

Siren Type
Pulsing

The display will show the following.

Press

Menu

to select one of the options below.

Press [Enter] to keep the current setting or press

Cancel repeatedly to exit back to the previous menu.

Disable	Disables panic from triggering the siren.
Steady	Enables the siren to sound steady when panic is triggered.
Pulsing	Enables the siren to turn on then back off every second when panic is triggered.
Just Keypad	Enables only the keypad to buzz when panic is triggered.

Press

Enter

Press Enter to save your choice and move to the next menu.

8.

Press

Enter

to go to the next menu.

Press

Cancel

Repeatedly to go back to the ready screen.

4.3.5. Option 4 - Timers / Control

1. Once you enter option 4 from installers mode or from the previous menu the display will show the following.

```
Cntrl/Timers
Menu=N   Enter=Y
```

Press

Menu

Press Menu to select the next menu or press **Cancel** repeatedly to exit back to the ready screen.

2. Press

Enter

Press Enter to select the Cntrl/Timers menu.

4.3.5.1. Entry Delay

3.
```
Entry Delay
10 s
```

Press **Menu** to change the Entry Delay setting. A detailed list of the settings is shown below. The times are in seconds

This feature determines the amount of time the user has to enter and disarm the system before an alarm is generated.

5 s	30 s	75 s
10 s	45 s	90 s
20 s	60 s	

Press

Enter

Press enter to save the new setting and move to the next feature.

4. Press

Enter

Press Enter to move forward to the next feature.

3.
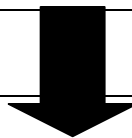
| Exit Delay |
| 10 s |

4.3.5.2. Exit Delay

Press **Menu** to change the Exit Delay setting. A detailed list of the settings is shown below. The times are in seconds

This feature determines the amount of time that the user(s) has to exit the premises.

5 s	30 s	75 s
10 s	45 s	90 s
20 s	60 s	

Press

Enter

Press enter to save the new setting and move to the next feature.

4.

Press

Enter

Press Enter to move forward to the next feature.

4.3.5.3. Siren Time

5.

| Siren Time |
| 2 m |

Press **Menu** to change the Siren Time setting. A detailed list of the settings is shown below. The times are in minutes.

This is the duration that the siren will be on for when in alarm.

2 m	5 m	7 m
10 m		

Press

Enter

Press enter to save the new setting and move to the next feature.

6.
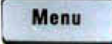
Press

Enter

Press Enter to move forward to the next feature.

5.

Dial Offset
0

4.3.5.4. Dial Offset

Press [Menu] to change the Dialer Offset setting. A detailed list of the settings is shown below. The times are in hours.

This feature allows the user to select what time of the day the panel will perform a dialer test. The dial test will be performed after the chosen amount of hours once you exit programming mode.
(eg. If you choose 2h then the dialer test will be performed 2 hours after you exit programming mode)

0	1 h	2 h …	22 h	23 h

(increments up by 1 hour)

Press

[Enter]

Press enter to save the new setting and move to the next feature.

6.

Press

[Enter]

Press Enter to move forward to the next feature.

4.3.5.5. Dial Period

7.

Dial Period
24 h

Press [Menu] to change the Dial Period setting. A detailed list of the settings is shown below.

This feature allows the user to select what the time between test reports.

24 h	24 hours between test reports.
7d	7 days between test reports.
30 d	30 days between test reports.

Press

[Enter]

Press enter to save the new setting and move to the next feature.

8.

Press

[Enter]

Press Enter to move forward to the next feature.

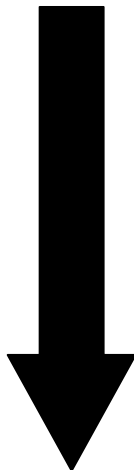## 4.3.5.6. AC Timer Delay

9.
```
Ac Timer Delay
15 m
```

Press **Menu** to change the AC Timer Delay setting. A detailed list of the settings is shown below. The times are in minutes.

This is the maximum time allowed for the AC power to be off from the panel before the AC FAIL message is generated if programmed.

15 m	30 m	45 m	60 m

Press **Enter**

Press enter to save the new setting and move to the next feature.
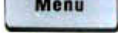
10. Press **Enter**

Press Enter to move forward to the next feature.

4.3.5.7. Battery Offset

11.
```
Batt Offset
0
```

Press **Menu** to change the Battery Offset setting. A detailed list of the settings is shown below. The times are in hours.

This feature allows the user to select what time of the day the panel will perform a battery test. This will be performed, the chosen number of hours after you exit programming mode.
(eg. If you choose 2h then the battery test will be performed 2 hours after you exit programming mode)

This will also assign what time of the day the panel will dial out if it is programmed in option 6: Program Event Reports.

0	1 h	2 h …	22 h	23 h

(increments up by 1 hour)

Press **Enter**

Press enter to save the new setting and move to the next feature.

12. Press **Enter**

Press Enter to move forward to the next feature.

4.3.5.8. Battery Period

13. | Batt Period
          | 24 h

Press **Menu** to change the Battery Offset setting. A detailed list of the settings is shown below.

Description

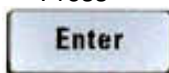|	
24 h	Sends a message every 24 hours if the battery is flat.
7 d	Sends a message every 7 days if the battery is flat.
30 d	Sends a message every 30 days if the battery is flat.

Press

Enter

Press enter to save the new setting and move to the next feature.
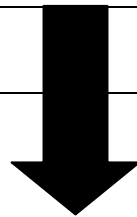
14.   Press

Enter

Press Enter to move forward to the next feature.

4.3.5.9. Line Delay

15. | Line Delay
Disable |

Press **Menu** to change the Line Delay setting. A detailed list of the settings is shown below.

This is the maximum time allowed for the Telephone line to be disconnected from the panel or for the wrong line voltage being detected before the LINE DELAY message is generated and sent via SMS message to the programmed number.

Disabl	Does not send any message for telephone line faults.
15min	Sends a message if the phone line is not working for more than 15 minutes.
30min	Sends a message if the phone line is not working for more than 30 minutes.
45min	Sends a message if the phone line is not working for more than 45 minutes.

Press
Enter

Press enter to save the new setting and move to the next feature.

16. Press
Enter

Press Enter to move forward to the next feature.

4.3.5.10. Bell Reverse

17. | Bell Reverse
No |

Press **Menu** to change the Bell Reverse setting. A detailed list of the settings is shown below.

Bell Reverse will enable the BELL output to rest at +12V and go open circuit when triggered.

| **No** | Does not send any message for telephone line faults. |
| **Yes** | Sends a message if the phone line is not working for more than 15 minutes. |

Press **Enter**

Press enter to save the new setting and move to the next feature.

18. Press **Enter**

Press Enter to move forward to the next feature.

4.3.5.11. RF Tamper

19. | RF Tamper
No |

Press **Menu** to change the RF Tamper setting. A detailed list of the settings is shown below.

(RF version only)
This is to enable the tamper switch on the RHINOCO Wireless devices to set the alarm off whether the system is in the arm or disarm state.

| **No** | This will disable tamper on wireless detectors connected through an SMS8RX receiver. |
| **Yes** | This will enable tamper on wireless detectors connected through an SMS8RX receiver. |

Press **Enter**

Press enter to save the new setting and move to the next feature.

20. Press **Enter**

Press Enter to move forward to the next feature.

4.3.5.12. Dial Enable

21.

Dial Enable
No

Press **Menu** to change the Dial Enable setting. A detailed list of the settings is shown below.

This feature enables the panel to dial phone numbers in case of an alarm.

No	This will disable the dial from sending any messages..
Yes	This will enable the dialer to send messages.

Press

Enter

Press enter to save the new setting and move to the next feature.

22.

Press
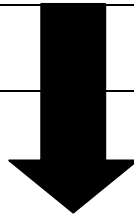
Enter

Press Enter to move forward to the next feature.

4.3.5.13. RF Remote

23.

Rf Remote
No

Press **Menu** to change the RF Remote setting. A detailed list of the settings is shown below.

(RF version only)
This feature when enabled allows the SMS8 RX to remotely arm/disarm the system.

No	This will not allow the SMS8RX receiver to work with the SMS8 alarm panel.
Yes	This will enable the SMS8RX receiver to work with the SMS8 alarm panel.

Press

Enter

Press enter to save the new setting and move to the next feature.

4.3.5.15. Open Override

26.

Open Override
No

Press **Menu** to change the Open Override setting. A detailed list of the settings is shown below.

Only applicable when using the CID or GSM-CID formats. When enabled this will allow the panel to send an open report only after an alarm has occurred (you **must** also disable open and close reports).

No	Disables open override.
Yes	Enables open override.

Press
Enter

Press enter to save the new setting and move to the next (dialer) menu.

27.

Press
Enter

to go to the next (dialer) menu.

Press
Cancel

Repeatedly to go back to the ready screen.

4.3.6. Option 5. Dialer

1. Once you enter option 5 from installers mode or from the previous menu the display will show the following.

```
Dial Menu
Menu=N   Enter=Y
```

Press

Menu

Press Menu to select the next (Event Report) menu or press **Cancel** repeatedly to exit back to the ready screen.

2. Press

Enter

Press Enter to select the Cntrl/Timers menu.

4.3.6.1. Account Number

3.
```
Account
000001
```

Enter the new 6 digit account number.

If you have a 4 digit account number then use two leading zero's eg. 003234

Press **Cancel** repeatedly to exit and disregard any changes.
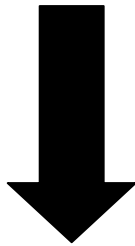
This number is sent on SMS messages and used as an identification if multiple panels are reporting back to one number. If using back to base monitoring this number must be allocated by the monitoring company or control room.

Press

Enter

Press enter to save the new account number.

4. Press

Enter

4.3.6.2. Phone Number 1

5.

Phone1
0̲1234567

Enter the new phone number for Phone 1.

Press **Cancel** repeatedly to exit and disregard any changes.

This number is sent on SMS messages and used as identification if multiple panels are reporting back to one number. If using back to base monitoring this number must be allocated by the monitoring company or control room.

Press **Panic** to move the cursor **back** one space.

Press **Medical** to move the cursor **forward** one space.

Press **0/H Arm** to **delete** the digit on the cursor.

Press **Enter**

Press enter to save the new number for Phone 1.

6. Press **Enter**

4.3.6.3. Phone Number 2
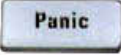
7.

```
Phone2
01234567
```

Enter the new phone number for Phone 2.

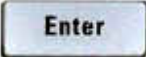Press **Cancel** repeatedly to exit and disregard any changes.

This number is sent on SMS messages and used as identification if multiple panels are reporting back to one number. If using back to base monitoring this number must be allocated by the monitoring company or control room.

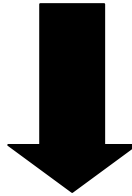Press **Panic** to move the cursor **back** one space.

Press **Medical** to move the cursor **forward** one space.

Press **O/H Arm** to **delete** the digit on the cursor.

Press **Enter**

Press enter to save the new number for Phone 2.
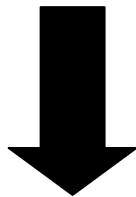
8. Press **Enter**
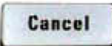
4.3.6.4. SMS Network Phone Number

9.

```
SMS_NetPh
125107
```
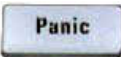
Enter the new phone number for the SMS Network.

Press **Cancel** repeatedly to exit and disregard any changes.

CAUTION! You should leave this number 125 107 – The 018018767 number is being phased out. Do not change this to any other number if the panel is being used in Australia.

Press **Panic** to move the cursor **back** one space.

Press **Medical** to move the cursor **forward** one space.

Press **Q/H Arm** to **delete** the digit on the cursor.

Press **Enter**

Press enter to save the new number for the SMS Network.

10. Press **Enter**
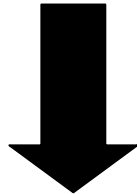
4.3.6.5. Receiver 1 Format Type

11. | Rec1 Form
CID |

Press **Menu** to change the format of Receiver 1 / Phone1. A detailed list of the settings is shown below.

CID	Contact ID for Back To Base monitoring via fixed line.
SMS	Short Message Services for text messages to your mobile phone via fixed line.

Press

Enter

Press enter to save the new setting and move to the next feature.

12. Press

Enter

Press Enter to move forward to the next feature.
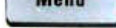
4.3.6.6. Receiver 2 Format Type

13. | Rec2 Form CID |

Press **Menu** to change the format of Receiver 2 / Phone2. A detailed list of the settings is shown below.

CID	Contact ID for Back To Base monitoring.
SMS	Short Message Services for text messages to your mobile phone.
GSM	Not in use

Press **Enter**

Press enter to save the new setting and move to the next feature.
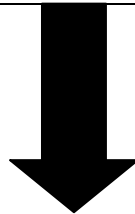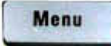
14. Press **Enter**

Press Enter to move forward to the next feature.

4.3.6.7. Report Routing

15.

Routine
Rec1 Only

Press **Menu** to change the route setting. A detailed list of the settings is shown below.

Rec1 Only	The alarm will only dial Phone 1.
Rec2 Only	The alarm will only dial Phone 2 (SMS8 Version only)
Rec 1 & 2	The alarm will dial Phone 1 and Phone 2.
Rec 2 Back	The alarm will dial Phone 1. If connection with Phone 1 is unsuccessful, Phone 2 will be dialed. (SMS8 Version only)

Press

Enter

Press enter to save the new setting and move to the next feature.
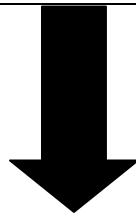
16. Press **Enter**

Press Enter to move forward to the next feature.

4.3.6.8. Dialer Test Reports

17.

| Dial Test |
| Yes |

Press **Menu** to change the dialer test setting. A detailed list of the settings is shown below.

| **Yes** | This will enable automatic dialer test reports. |
| **Not** | This will disable automatic dialer test reports. |

Press

Enter

Press enter to save the new setting and move to the next (Event Reports) menu.

18.

Press

Enter

to go to the next (Event Report) menu.

Press

Cancel

Repeatedly to go back to the ready screen.

4.3.7. Option 6. Event Reports

1. Once you enter option 6 from installers mode or from the previous menu the display will show the following.

```
Rpt Menu
Menu=N   Enter=Y
```

Press

Menu

to go back to
the installer
options

---
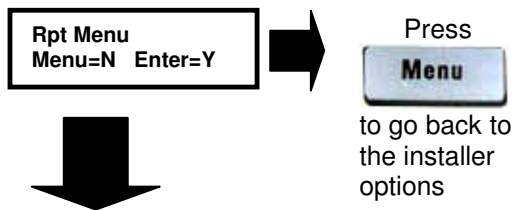
2. Press

Enter

Press Enter to select the
Report menu.

---

3. ## 4.3.7.1. Zone Reports

```
Zone Rpt
Menu=N   Enter=Y
```

Press

Menu

to skip to the
next (Events)
menu.

Press Menu to skip to the
next Events menu.

---

4. Press

Enter

Press Enter to select the
Report menu.

4.3.7.1.1. Alarm Reporting

5.

| Alarm   1 |
| Yes |

Press **Menu** to change the Alarm Reporting setting. A detailed list of the settings is shown below.

Note the zone number on the top right hand side of the display. After pressing Enter repeatedly to scroll through the first set of features the same features will be displayed for the next zone.

Yes	Will enable the dialer when an alarm event occurs.
No	Will disable the dialer when an alarm event occurs.

Press
Enter

Press enter to save the new setting and move to the next feature.

6.

Press
Enter

Press Enter to move forward to the next feature.

4.3.7.1.2. Restore Reporting

7.

| Restore   1 |
| Yes |

Press **Menu** to change the Restore Reporting setting. A detailed list of the settings is shown below.

Yes	Will enable the dialer when a restore event occurs.
No	Will disable the dialer when a restore event occurs.

Press
Enter

Press enter to save the new setting and move to the next feature.

8.
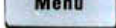
Press
Enter

Press Enter to move forward to the next feature.

4.3.7.1.3. Isolation Reporting

9.

Isolate	1
Yes	

Press **Menu** to change the Isolation Reporting setting. A detailed list of the settings is shown below.

Yes	Will enable the dialer when an isolation event occurs.
No	Will disable the dialer when an isolation event occurs.

Press

Enter

Press enter to save the new setting and move to the next feature.

10.
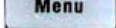
Press

Enter

Press Enter to move forward to the next feature.

4.3.7.1.4. RF Battery Reporting

11.

RF batt	1
No	

Press **Menu** to change the RF Battery Reporting setting. A detailed list of the settings is shown below.

An RF Battery event occurs when the battery on one of the wireless detectors has a low battery. This is only compatible with the SMS8RX receiver.

Yes	Will enable the dialer when a RF low battery event occurs.
No	Will disable the dialer when a RF low battery event occurs.

Press

Enter

Press enter to save the new setting and move to the next feature.

12.

Press

Enter

Press Enter to move forward to the next feature.

4.3.7.1.5. RF Loss Reporting

13.

| RF lost   1 |
| No |

Press **Menu** to change the RF Loss Reporting setting. A detailed list of the settings is shown below.

An RF Loss event occurs when one or more of the Wireless sensors has been missing from the system for more than 24 hours. This is only compatible with the SMS8RX receiver and compatible sensors.

Yes	Will enable the dialer when a RF loss event occurs.
No	Will disable the dialer when a RF loss event occurs.

Press **Enter**

Press enter to save the new setting and move to the same set of features for the next zone.

14.

Press **Enter**
to move to the same set of features above for the next zone (up to zone 8). **Note: Zone number on top right side of the display.**

| RF lost   8 |
| No |

Press **Cancel** repeatedly to exit back to the ready screen.

15.

Press **Enter**
to move forward to the Events Menu.

Press Enter to move forward to the next (Events) menu.

Press **Cancel** repeatedly to exit back to the ready screen.

1.   ## 4.3.7.2. Events Menu

```
Events
Menu=N   Enter=Y
```

Press **Menu** to go back to the **Zone Report** menu.

Press **Cancel** repeatedly to exit back to the ready screen.

2.   Press **Enter**

Press Enter to select the Report menu.

4.3.7.2.1. Open Reporting

3.
```
Open
Yes
```

Press **Menu** to change the Open Reporting setting. A detailed list of the settings is shown below.

Yes	Will enable the dialer when an open or disarming event occurs.
No	Will disable the dialer when an open or disarming event occurs.

Press **Enter**

Press enter to save the new setting and move to the next feature.

4.   Press **Enter**

Press Enter to move forward to the next feature.

4.3.7.2.2. Close Reporting

5.

```
Close
Yes
```

Press **Menu** to change the Close Reporting setting. A detailed list of the settings is shown below.

Yes	Will enable the dialer when an close or arming event occurs.
No	Will disable the dialer when an open or arming event occurs.

Press **Enter**

Press enter to save the new setting and move to the next feature.

6.

Press **Enter**

Press Enter to move forward to the next feature.

4.3.7.2.3. Panic Reporting

7.

```
Panic
Yes
```

Press **Menu** to change the Panic Reporting setting. A detailed list of the settings is shown below.

This refers to the **Panic** key if held for 2 seconds on your keypad.

Yes	Will enable the dialer when a panic event occurs.
No	Will disable the dialer when a panic event occurs.

Press **Enter**

Press enter to save the new setting and move to the next feature.

8.

Press **Enter**

Press Enter to move forward to the next feature.

4.3.7.2.4. Medical Reporting

9.

Medic
No

Press **Menu** to change the Medical Reporting setting. A detailed list of the settings is shown below.

This refers to the **Medical** key if held for 2 seconds on your keypad.

Yes	Will enable the dialer when a medical event occurs.
No	Will disable the dialer when a medical event occurs.

Press **Enter**

Press enter to save the new setting and move to the next feature.

10. Press **Enter**
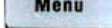
Press Enter to move forward to the next feature.

4.3.7.2.5. Fire Reporting

11.

Fire
No

Press **Menu** to change the Fire Reporting setting. A detailed list of the settings is shown below.

This refers to the **0 / Fire** key if held for 2 seconds on your keypad.

Yes	Will enable the dialer when a Fire event occurs.
No	Will disable the dialer when a Fire event occurs.

Press **Enter**

Press enter to save the new setting and move to the next feature.

12. Press **Enter**
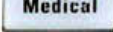
Press Enter to move forward to the next feature.

4.3.7.2.6. Duress Reporting

13. | Duress
No |

Press **Menu** to change the Duress Reporting setting. A detailed list of the settings is shown below.

A Duress is triggered by the User code 8 being entered.

Yes	Will enable the dialer when a Duress event occurs.
No	Will disable the dialer when a Duress event occurs.

Press **Enter**

Press enter to save the new setting and move to the next feature.
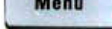
14. Press **Enter**
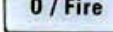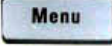
Press Enter to move forward to the next feature.
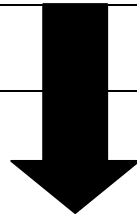
4.3.7.2.7. AC Loss Reporting

15. | AC lost
Yes |

Press **Menu** to change the AC loss Reporting setting. A detailed list of the settings is shown below.

"AC OK" will be sent as soon as the AC Power is reconnected to the system. "AC LOSS" will be sent as soon as AC Power is removed from the system and the AC timer is up.

Yes	Will enable the dialer when an AC loss event occurs.
No	Will disable the dialer when an AC loss event occurs.

Press **Enter**

Press enter to save the new setting and move to the next feature.
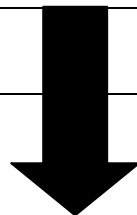
16. Press **Enter**

Press Enter to move forward to the next feature.

4.3.7.2.8. Low Backup Battery Reporting

17.

| Sys_batt |
| Yes |

Press **Menu** to change the Low Backup Battery Reporting setting. A detailed list of the settings is shown below.

Will enable the dialer to send low battery notification messages when the back up battery is low.

| **Yes** | Will enable the dialer when a Low Backup Battery has been detected. |
| **No** | Will disable the dialer when a Low Backup Battery has been detected. |
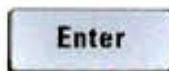
Press **Enter**

Press enter to save the new setting and move to the next feature.
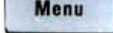
18. Press **Enter**

Press Enter to move forward to the next feature.

4.3.7.2.9. Receiver Supervision Reporting

19.

| Remote |
| No |

Press **Menu** to change the Receiver Supervision Reporting setting. A detailed list of the settings is shown below.

| **Yes** | Will enable the dialer when the panel detects that the SMS8RX receiver is not communicating with the panel. |
| **No** | Will disable the dialer when the panel detects that the SMS8RX receiver is not communicating with the panel. |
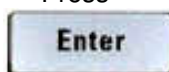
Press **Enter**
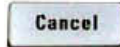
Press enter to save the new setting and go back to the installers option menu.

20. Press **Enter**

to go back to the installers option menu

Press Enter to go back to the installers option menu or press **Cancel** repeatedly to exit back to the ready screen.

21.

| Enter 1-6 |

Installers option menu.

4.4. Defaulting The System

1. Remove all power from the SMS8 panel.

2. Place a short on the default pads on the main board.

Defaulting Pads
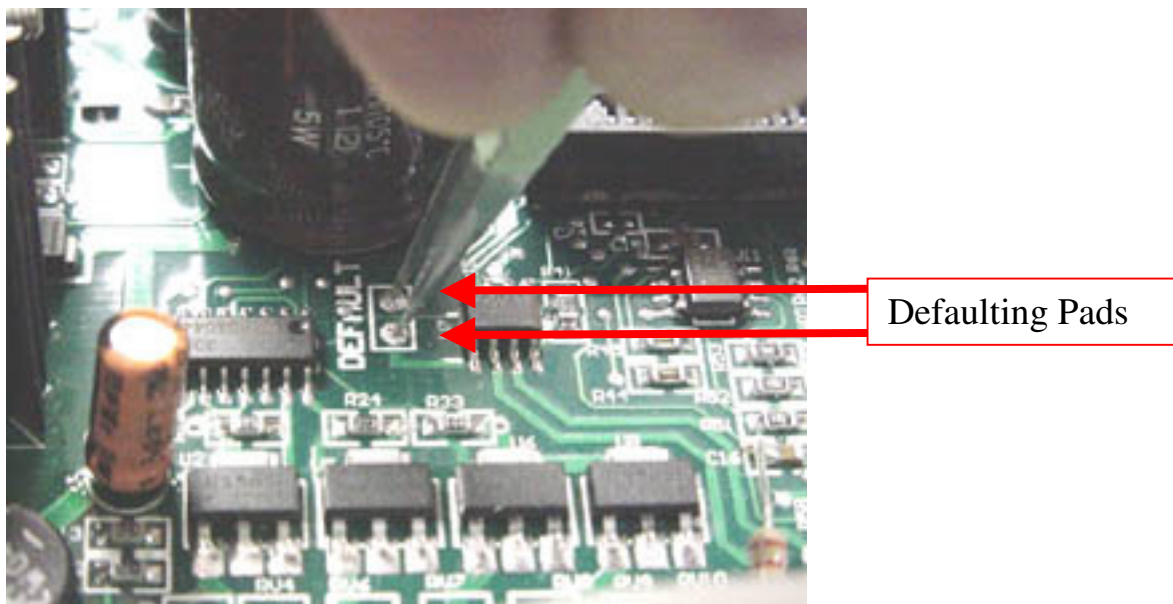
3. Power up the panel by either connecting the AC plugpack or the backup battery.

4. Remove the short on the two default pads.

5. The panel is now defaulted and the shaded values in the section Installers Programming now apply.

5. Warranty

5.1. Warning Limitations & Warranty

While this system is an advanced security system, it does not offer guaranteed protection against burglary or any other emergency. Any alarm system, whether commercial or residential, is subject to compromise or failure to warn for a variety of reasons. For example:

- Intruders may gain access through unprotected openings, or have the technical sophistication to bypass an alarm or disconnect an alarm warning device.

- Intrusion detectors (e.g., microwave detectors), and many other sensing devices will not work without power. Battery operated devices will not work without batteries, with dead batteries or if the batteries are not put in properly. Devices powered solely by AC will not work if their AC power supply is cut off for any reason, however briefly.

- Signals sent by wireless transmitters may be blocked or reflected by metal before they reach the alarm receiver. Even if the signal path has been recently checked during a weekly test, blockage can occur if a metal object is moved into the path.

- Microwave Detectors can only detect intrusion within the designed ranges as set out in their installation manual.

- Alarm warning devices such as sirens, bells or horns may not alert people or wake up sleepers who are located on the other side of closed or partly open doors. Even persons who are awake may not hear the warning if the alarm is muffled by noise from a stereo, radio, air conditioner or other appliances, or by passing traffic. Finally, alarm warning devices, however loud, may not warn hearing-impaired people or waken deep sleepers.

- This equipment, like other electrical devices, is subject to component failure. Even though this equipment is designed to last as long as 10 years, the electronic components could fail at any time.

- The most common cause of an alarm system not functioning when an intrusion occurs is inadequate maintenance. This alarm system should be tested weekly to make sure all devices are working properly.

- Installing an alarm system may make one eligible for lower insurance rates, but an alarm system is not a substitute for insurance. Owners should continue to act prudently in protecting themselves and continue to insure their property.

We continue to develop new and improved protection devices. Users of alarm systems owe it to themselves and their loved ones to learn about these developments.

LIMITED WARRANTY

Cornick Pty Ltd (ABN 74 001 621 610) (Seller), warrants its products to be in conformance with its own plans and specifications and to be free from defects in materials and workmanship under normal use and service for twelve months from the date of original purchase. Sellers obligation shall be limited to repairing or replacing, at its option, free of charge for materials or labor, any part which is proved not in compliance with Sellers specifications or proves defective in materials or workmanship under normal use and service. Seller shall have no obligation under this Limited Warranty or otherwise if the product is altered or improperly repaired or serviced by anyone other than Seller. For warranty service, return transportation prepaid, to 9 Hannabus Place McGraths Hill NSW 2756. Seller has no obligation to attend the buyer's location to retrieve the goods or make repairs onsite.

There are no warranties, expressed or implied, of merchant ability, or fitness for a particular purpose or otherwise, which extend beyond the description on the face hereof. In no case shall seller be liable to anyone for any consequential or incidental damages for breach of this or any other warranty, express or implied, or upon any other basis of liability whatsoever, even the loss or damage is caused by its own negligence or fault.

Seller does not represent that the products it sells may not be compromised or circumvented; that the products will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the products will in all cases provide adequate warning or protection. Customer understands that a properly installed and maintained alarm system may only reduce the risk of a burglary, robbery, or fire without warning, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result.

Consequently, seller shall have no liability for any personal injury; property damage or other loss based on a claim the product failed to give any warning. However, if seller is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regard less of cause or origin, seller's maximum liability shall not in any case exceed the purchase price of the product, which shall be the complete and exclusive remedy against seller.

This warranty replaces any previous warranties and is the only warranty made by Seller on this product. No increase or alteration, written or verbal, of the obligations of this Limited Warranty is authorised.

NOTE: In addition to the warranty conditions, warranty will not be given where a product has been immersed in water under any circumstances, or where damage has been caused by hosing the unit, without all due care taken by the owner to protect the unit by covering with some sort of plastic sheeting.

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