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Notice to Owner

Thankyou for selecting the Solution 6000 Security Control Panel for your security needs. Your system includes many advanced features and functions which will be programmed and configured by your security consultant during installation. Depending on the configuration, and your access level, you may have the ability to program certain features within the system to suit changes in your security needs. For example you may wish to change a User Name or PIN number when a staff member leaves.

This manual explains all aspects of system operation as well as detailing the various programming options available to you. We ask that you take the time to read this manual carefully and that you have your installer explain the basic system operation and configuration to you when the installation is complete.

Warnings

1) This product must be installed by a qualified and licensed security installer.
2) This product may not perform as expected if installed incorrectly.
3) Some features of this product, including but not limited to Back to Base reporting, SMS and Email Reporting and Automatic Time and Date Adjustments require a working telephone line to operate and telephone communication service provider charges are applicable.
4) Australian standard AS 2201 requires regular service by qualified and licensed security persons and regular user testing. Please consult your security alarm company for further details.
5) Incorrect programming of parameters can result in operation contrary to what may be desired.
6) Leave the mains adapter plugged in at all times.
7) Leave the telephone line plugged in at all times under normal conditions.
8) The Product Identification Label for this product which is supplied in the resistor pack, must be affixed to the outside of the enclosure during installation.
9) This equipment shall not be set up to make automatic calls to the Telecom ‘111’ Emergency Service.
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Program Menu Tree

Table 1: shows all of the system options in a tabular format. Each option can be access by pressing the Menu key and then drilling down using the arrow and OK keys until the required option is listed on the display. A quick way to jump to a particular option is to press the Menu key followed by the specific option number. You may be asked to enter your PIN when accessing some options and some options are only available to users with Master Code authority.

Example:
To change the exit time, enter programming mode, then enter [MENU] + [2] + [8] + [0] and follow the on screen prompts.

1-0 Commands
1-0-0 Erase User

1-1 PIN Codes
1-1-0 Change Own PIN
1-1-1 Change Other PIN
1-1-2 Add PIN
1-1-3 Delete PIN

1-2 Token
1-2-0 Add Token
1-2-1 Delete Token
1-2-2 Token Status
1-2-3 Edit Token

1-3 RF Keyfob
1-3-0 Add Keyfob
1-3-1 Delete Keyfob

1-4 User Properties
1-4-0 User Name
1-4-1 Area Assignment
1-4-2 User Options
1-4-4 TimeZone Access
1-4-5 Door Assignment
1-4-6 User Expire Date

1-8 Fingerprint
1-8-0 Add Fingerprint
1-8-1 Delete Fingerprint
1-8-2 Fingerprint Status

5 Comms
5-0 Commands
5-0-1 Call/Answer RAS
5-0-2 Call Forward On/Off
5-0-3 Check Web Email
5-0-4 Email System Log
5-0-5 Start Direct Link
5-0-6 Voice Setup
5-0-8 Register Customer

6 Devices
6-0 Commands
6-0-0 Device Status
6-0-7 Keypad Volume
6-0-8 Keypad Contrast
6-0-9 Keypad Backlight

7 System
7-0 Commands
7-0-0 Panel Status
7-0-1 System Trouble
7-0-2 History Log
7-0-6 TimeZone Array

5-1 Telephone Numbers
5-1-1 Destination 1
5-1-2 Destination 2
5-1-6 Call Forward On
5-1-7 Call Forward Off

5-5 MyAlarm
5-5-8 Email Address
5-5-9 Email Options

5-7 IP Remote Access
5-7-0 IP Address
5-7-1 IP Port

5-9 Comms Test
5-9-0 Send Test Report

Table 1: Control Panel Menu Tree
Introduction

Your system helps to secure life, property and investments against fire, theft and bodily harm. It consists of a keypad (or keypads), sensors such as motion detectors or devices located on doors and windows, and other sensing devices designed to detect the presence of smoke or combustion. The location and quantity of sensing devices will have already been discussed with you by your alarm installer.

Control of your security system is achieved through the unique graphic keypad, which displays all system information in written text and graphical symbols. Its versatility and ease of operation, make it ideal for any home or business application.

Features

Listed below are the main features of the Solution 6000 control panel.

- Up to 144 Fully Programmable Zones
- Up to 16 Access Doors
- Fire Alarm Verification
- Up to 256 User PINs
- Up to 37 Programmable Outputs
- Email and SMS Alarm Reporting
- Optional Fingerprint Readers
- Supervised Siren Driver
- 16 Programmable Time Zones
- Up To 8 Areas (Common Area Programmable)
- Built-In Dialer
- Up To 16 Fully Supervised Keypads / Readers
- National Broadband Network / IP Ready
- Keyswitch Input (Programmable)
- 1000 Event History Memory
- EMI / Lightning Transient Protection
- Programmable Via Keypad
- Remote Programmable Via RAS Software
- Automatic Test Reports
- Built-In Telephone Line Fail Monitor

User’s Guide

This user’s guide shows you how to use and maintain your security system. It covers basic functions, such as turning the system on and off as well as some general programming. More complex programming and system configuration should be performed by your installer.

Many of the programming functions described in this guide will have already been programmed by your alarm installer while others may need to be programmed or changed by you. Depending on your particular system configuration some features described in this manual may not be available. Please discuss this with your alarm installer.

Functions outlined in this user guide may require you to enter your PIN (Personal Identification Number), so make sure you choose a number that is easy for you to remember but hard for someone else to guess. For security reasons do not write this PIN down or give it to anyone else. If more than one person needs to operate the system then you should create a different PIN code for them if this has not been done by your installer. This guide will explain how to do this. See “MENU 1-1-2” on page 12.

Please take the time to familiarise yourself with the following terms before reading the rest of this guide.

Zones

A ‘Zone’ is a detection device, or group of devices connected to your security system. Zones are identified by the area they monitor, such as a front door, bedroom window or hallway.

Faulted Zones

When a zone (such as a door or window) is closed, it is said to be ‘normal’. When the door or window is open, the zone is said to be ‘faulted’. When you turn your system on, you will usually want all of the zones in your system to be normal, although, you can turn your system on with faulted zones.

Zones Types

There are two basic types of zones, Non 24-hour and 24-hour. See below.

Non 24-Hour Zones

Non 24-hour zones respond to alarm conditions depending upon whether the system is turned on or off. They are programmed to either respond instantly to alarm conditions or to provide a delay for you to reach the keypad and turn the system off. Various zones will be located throughout your premises.

When you turn your system on, you have the option of turning on all zones (All On), or just some of the zones (Part On). Refer to the basic system operation section for more information.

Bypassed Zones

A zone which has been bypassed will remain unarmed when the system is armed. You may need to bypass a zone when doing renovations in the building or if a sensor becomes faulty. Bypassed zones will reset the next time the system is disarmed.

24-Hour Zones

24-hour zones are always on and cannot be turned off, even when the system is turned off (disarmed). There are two types of 24-hour zones, fire zones and non-fire zones.

What Is An Area?

The control panel comes defaulted and programmed for a single area configuration (Area 1), therefore, all zones are assigned to Area 1. The alarm system can be divided into 8 individual areas. In this case, the security company would assign different sensors (zones) to each area according to the area they belong.

Example:

Partitioning a commercial business to 4 individual areas may be as follows:

- Area 1 – Main entry/exit area
- Area 2 – Sales
Area 3 – Administration
Area 4 – Dispatch

Each area can be controlled individually as if they were separate alarm systems.

**All On**
When you turn an area All On, you are turning on all non 24-hour zones, both interior (motion detectors) and perimeter (doors and windows) of the building.

**Part On**
When you turn an area Part On, you only turn on some of the non 24-hour zones. Your security company will program which zones are included in this mode. Part zones may include only the perimeter (doors and windows) of your system, or sensors in other areas of your premises. Check with your security company to learn which zones are Part zones.

**Reporting Alarms**
Your system may be programmed to send reports to your security company. Once the report is complete, the system returns the telephone to normal operation (check with your security company).

Your system makes repeated attempts to send reports to your security company. If your system fails to report, the keypad will display the ‘service’ symbol.

**About the Keypad**
Your keypad has 20 keys or buttons. The buttons allow you to input instructions and navigate the menu screens as required. Some buttons have a secondary function which is activated by holding them down for two seconds.

Each button’s function is described below:

<table>
<thead>
<tr>
<th>Keypad Keys</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Key</strong></td>
<td><strong>Description</strong></td>
</tr>
<tr>
<td>0 to 9</td>
<td>The numeric keys allow you to enter you numbers when required.</td>
</tr>
<tr>
<td>[MENU]</td>
<td>Use the [MENU] and the numeric keys to enter commands. The [MENU] key is also used to go back one level when navigating through menus or to exit a programming location without saving changes.</td>
</tr>
<tr>
<td>[ON]</td>
<td>The [ON] key allows you to turn an area or output on. If your system has been partitioned press and hold the [ON] key for two seconds to turn all areas on at the same time.</td>
</tr>
<tr>
<td>[PART]</td>
<td>The [PART] key allows you to turn an area Part On. This key can also be used to bypass a zone or multiple zones when you press and hold for two seconds.</td>
</tr>
<tr>
<td>[OFF]</td>
<td>The [OFF] key allows you to turn an area or output off. If your system has been partitioned press and hold the [OFF] key for two seconds to disarm to disarm all areas.</td>
</tr>
<tr>
<td>[OK]</td>
<td>The [OK] key allows you to save any changes and exit the command.</td>
</tr>
<tr>
<td>[MAIL]</td>
<td>The [MAIL] key allows you to read stored mail. This key can also be used to initiate a dialler test when you press and hold for two seconds.</td>
</tr>
<tr>
<td>[←]</td>
<td>The [←] key allows you to move the cursor left when programming text or telephone numbers.</td>
</tr>
<tr>
<td>[→]</td>
<td>The [→] key allows you to move the cursor right when programming text or telephone numbers.</td>
</tr>
<tr>
<td>[↑]</td>
<td>The [↑] key allows you to navigate through menus or to toggle characters when programming telephone numbers etc.</td>
</tr>
<tr>
<td>[↓]</td>
<td>The [↓] key allows you to navigate through menus or to toggle characters when programming telephone numbers etc. Pressing The [↓] key will display current trouble conditions when the area that the keypad is displaying is disarmed.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Key + Key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>[+][↑] for 2 sec</td>
<td>Pressing the [+][↑] keys together and holding them down for 2 seconds will cause a Panic alarm to be triggered. If programmed the sirens will sound and the monitoring station will be notified.</td>
</tr>
<tr>
<td>[+][→] for 2 sec</td>
<td>Pressing the [+][→] keys together and holding them down for 2 seconds will cause a Fire alarm to be triggered. If programmed the sirens will sound and the monitoring station will be notified.</td>
</tr>
<tr>
<td>[+][↓] for 2 sec</td>
<td>Pressing the [+][↓] keys together and holding them down for 2 seconds will cause a Medical alarm to be triggered. If programmed the sirens will sound and the monitoring station will be notified.</td>
</tr>
</tbody>
</table>

Table 2: Keypad Keys and Their Function
Status Icons / LED’s

The following table describes the function of each of the status icons and indicator lights. Some keypads and readers also include a blue indicator which is used when controlling doors or user access.

### Table 3: Status ICONs, LED Indicator’s and Their Meanings

<table>
<thead>
<tr>
<th>Icon</th>
<th>Status</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Green LED On" /></td>
<td>On</td>
<td>Area is not All On</td>
</tr>
<tr>
<td><img src="image2" alt="Green LED Flashing" /></td>
<td>Flashing</td>
<td>Zone is Faulted</td>
</tr>
<tr>
<td><img src="image3" alt="Red &amp; Green LED Flashing" /></td>
<td>Flashing</td>
<td>Installer programming mode is active</td>
</tr>
<tr>
<td><img src="image4" alt="Red LED Off" /></td>
<td>Off</td>
<td>User Programming Mode is Active</td>
</tr>
<tr>
<td><img src="image5" alt="Red LED On" /></td>
<td>On</td>
<td>Door Locked</td>
</tr>
<tr>
<td><img src="image6" alt="Red LED Fast Flash" /></td>
<td>Fast Flash</td>
<td>Door Unlocked</td>
</tr>
<tr>
<td><img src="image7" alt="Red LED 2 Flashes" /></td>
<td>2 Flashes</td>
<td>Door Unlocked by TimeZone</td>
</tr>
<tr>
<td><img src="image8" alt="Red LED Off" /></td>
<td>Off</td>
<td>Access Group not programmed</td>
</tr>
<tr>
<td><img src="image9" alt="Yellow LED On" /></td>
<td>On</td>
<td>System power is normal</td>
</tr>
<tr>
<td><img src="image10" alt="Yellow LED Off" /></td>
<td>Off</td>
<td>System power is missing</td>
</tr>
<tr>
<td><img src="image11" alt="Red &amp; Green LED On" /></td>
<td>On</td>
<td>A fire alarm is active</td>
</tr>
<tr>
<td><img src="image12" alt="Red &amp; Green LED Off" /></td>
<td>Off</td>
<td>No fire alarm</td>
</tr>
<tr>
<td><img src="image13" alt="Red &amp; Green LED Flashing" /></td>
<td>Flashing</td>
<td>Fire alarm in memory (Turn the area All On and Off to clear).</td>
</tr>
<tr>
<td><img src="image14" alt="Blue LED On" /></td>
<td>On</td>
<td>The existing service or trouble condition has been acknowledged</td>
</tr>
<tr>
<td><img src="image15" alt="Blue LED Off" /></td>
<td>Off</td>
<td>No service or trouble conditions exist</td>
</tr>
<tr>
<td><img src="image16" alt="Blue LED Flashing" /></td>
<td>Flashing</td>
<td>A service or trouble condition is present that has not been acknowledged</td>
</tr>
<tr>
<td><img src="image17" alt="Red LED On" /></td>
<td>On</td>
<td>The area is turned Part On</td>
</tr>
<tr>
<td><img src="image18" alt="Red LED Off" /></td>
<td>Off</td>
<td>The area is not turned Part On</td>
</tr>
<tr>
<td><img src="image19" alt="Red LED On" /></td>
<td>On</td>
<td>The area is turned off</td>
</tr>
<tr>
<td><img src="image20" alt="Red LED Off" /></td>
<td>Off</td>
<td>The area is turned All On or Part On</td>
</tr>
<tr>
<td><img src="image21" alt="Red LED On" /></td>
<td>On</td>
<td>The area is turned All On</td>
</tr>
<tr>
<td><img src="image22" alt="Red LED Off" /></td>
<td>Off</td>
<td>The area is turned Off</td>
</tr>
<tr>
<td><img src="image23" alt="Red LED On" /></td>
<td>On</td>
<td>You have mail waiting to be read</td>
</tr>
<tr>
<td><img src="image24" alt="Red LED Off" /></td>
<td>Off</td>
<td>No Mail</td>
</tr>
<tr>
<td><img src="image25" alt="Red LED On" /></td>
<td>On</td>
<td>Area is ready to turn All On /Part On</td>
</tr>
<tr>
<td><img src="image26" alt="Red LED Off" /></td>
<td>Off</td>
<td>Not ready, Zone Open</td>
</tr>
<tr>
<td><img src="image27" alt="Red LED Flashing" /></td>
<td>Flashing</td>
<td>Alarm</td>
</tr>
</tbody>
</table>

Keypad Tones

Your keypad emits several distinct tones and displays text to alert you to system events. Additional bells or sirens may also be connected to your system. Bells or sirens mounted on the exterior of your premises alert neighbours to emergencies and provide an audible guide for police and fire fighters.

### Table 4: Keypad Tones

<table>
<thead>
<tr>
<th>Type</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Alarm Tone</td>
<td>When a fire zone sounds an alarm, the keypad will sound 3 seconds on and 2 seconds off (repeat).</td>
</tr>
<tr>
<td>Burglary Alarm Tone</td>
<td>When a burglary zone activates while your system is turned on, your keypad emits a continuous siren tone. It sounds for the time set by your security company.</td>
</tr>
<tr>
<td>Trouble Tone</td>
<td>When a system component is not functioning properly, your keypad sounds 4 fast short beeps followed by a 5 second pause (repeat).</td>
</tr>
<tr>
<td>Key Press Tone</td>
<td>Pressing any key on the keypad sounds one short beep, indicating that the key press is accepted.</td>
</tr>
<tr>
<td>Entry Delay Tone</td>
<td>When you enter the premises through a zone programmed for entry delay, the keypad sound a Hi/Low tone to remind you to turn off the area. If the area is not turned off before the entry delay expires, an alarm condition will sound and a report may be sent to your alarm company.</td>
</tr>
<tr>
<td>Exit Delay Tone</td>
<td>After you turn an area All On, the keypad will sound 1 short beep every second. During the last 10 seconds fast short beeps will be heard. If you don’t exit before the delay time expires and an exit delay door is faulted, an alarm occurs.</td>
</tr>
</tbody>
</table>
### Turning An Area All On

Use this function to turn an area All On. The control panel is factory defaulted for one area. As soon as you turn an area on, exit time will start. Exit time allows you to exit the premises without sounding an alarm. Your security company or a master PIN user can program the length of exit delay time.

1. **Make sure that all zones are normal (not faulted).**
2. **Enter your PIN, then press the [ON] key.**
   
   If your PIN is valid and if all zones are normal, exit delay time will start. You should leave now. If your control panel detects a faulted zone, you should return it to normal, or bypass the faulted zone.

   During exit delay, you may stop the area from turning on by entering your PIN followed by the [OFF] key.

3. **To turn the system (or area) off, enter your PIN, then press [OFF].**

### Turning An Area Part On / Part 2 On

Use this function to turn an area Part On or Part 2 On. The control panel is factory default only for one area. Part On and Part 2 On turns on only part of the area, leaving the rest of the area turned off.

Only the security company can program which zones are monitored for Part On. A master user can program which zones are monitored when a user turns an area Part 2 On.

Once you have turned an area Part On or Part 2 On, exit delay time starts to count down. You should leave all zones that are active before exit delay time expires. Leaving active zones after exit delay expires causes an alarm event. Use Part On or Part 2 On only when you want part of an area turned on.

1. **Make sure that all zones are normal (not faulted).**
2. **Enter your PIN, then press the [PART] key.**
   
   If your PIN is valid and if all zones are normal, the keypad will prompt you to select Part On or Part 2 On.

3. **Using the arrow keys, highlight Part On or Part 2 On then press [OK].**

   Exit delay time will start. You should leave now. If your system has a faulted zone, you should return it to normal, or bypass the faulted zone.

   During exit delay, you may stop the system from turning Part On by entering your PIN followed by the [OFF] key.

4. **When exit time has expired, the keypad will display the Part On icon.**
5. **To turn the system off, enter your PIN, then press [OFF].**

### Turning The System Off

When the system is on, you must enter through a designated entry door to prevent an alarm. Opening a designated door (e.g. front door) will start entry time. During entry time, the keypad will sound the Hi/Lo tone to remind you to turn the system off. To turn off, enter your PIN followed by the [OFF] key before the entry delay time expires.

If you enter through the wrong door or fail to turn the system off before the entry delay time expires, you may cause a false alarm. If this situation arises, silence the alarm by entering your PIN followed by the [OFF] key and call your security company to let them know that it is not an emergency situation.

1. **Enter your PIN + [OFF] to turn the system (or area) off. The keypad will no longer display the ‘Lock’ or ‘Part’ icons.**
Silencing Alarms
When the control panel has registered an alarm, the keypad (s) and sirens will sound to alert personnel that an alarm occurred. The keypad will scroll in the display all alarms on the keypad display for visual feedback. If you enter your PIN before the system dials your security company, the alarm report is cancelled (if programmed).

1. Enter your PIN + [OFF] to silence any alarm and turn the system off.
   The keypad will continue to scroll all alarm events that caused the alarm. This is called alarm memory.
2. To clear alarm memory, turn the area on and off again (eg. PIN + [ON] + PIN + [OFF]).

Automatic Arming
Your system may have been programmed to automatically arm itself at a certain time of the day.
If for some reason you are still in the building when the auto arming is taking place then it is possible to extend or delay the auto-on time (automatic arming time) by one hour simply by entering your PIN + [OFF] during the auto-on pre-alert time. The auto-on pre-alert time sounds the keypad buzzer to warn you that the system will automatically turn All On.

Example:
If the control panel is programmed to automatically turn All On at 6:00pm and the auto-on pre-alert time starts beeping the keypad at 5:55pm, entering your PIN between 5:55pm and 6:00pm will delay the auto-on time by one hour and the auto-on pre-alert time will again commence at 6:55pm. Therefore the system will automatically turn All On at 7:00pm.

Remote Arming - Quick Arm
If you forget to arm your system it may be possible for you to remotely arm it using a touch tone telephone if the remote arm option has been enabled by your installer.
To arm the system call the number which the panel is connected to and when the panel answers you will hear 3 beeps in ascending frequency if the panel is in the disarmed condition. Press [0] + [#] to arm. You will hear 3 beeps in decending order when the panel arms.
All areas on the system will be armed regardless of there condition when using the DTMF quick arm function.

DTMF Control Functions
Your system includes comprehensive DTMF control of individual areas and outputs with full user PIN and timezone access verification. Some features like DTMF disarming and output control need to be enabled by your installer.

How to Use DTMF Control
1. Once the panel answers the incoming call, the panel will play a short welcome jingle. You now have approximately 5 seconds to enter a valid PIN and log onto the panel.
2. Enter PIN followed by the [#] key on your phone. If the PIN is valid the system will respond with two short beeps. If the PIN is invalid then a single long beep will be heard.
   If a valid PIN is not entered in time, the panel will attempt to establish a modem connection as if connecting to the Solution Link software.
   If this happens you will need to hang up for approximately 60 seconds before trying again.
3. Once validated, the following commands can be performed.
   If no keys are pressed for 20 seconds or the user presses [#, #], the control panel will play the exit jingle and terminate the session.

<table>
<thead>
<tr>
<th>Operation</th>
<th>Command</th>
<th>Tone Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Arm All Areas</td>
<td>[0] + [#]</td>
<td>High, Medium, Low</td>
</tr>
<tr>
<td>Log In OK</td>
<td>[PIN] + [#]</td>
<td>Low, High</td>
</tr>
<tr>
<td>Error</td>
<td>Incorrect Entry</td>
<td>Long Beep</td>
</tr>
<tr>
<td>Turn Area All On</td>
<td>[1] + [Area Nº] + [#] + [1]</td>
<td>Low, High</td>
</tr>
<tr>
<td>End Session</td>
<td>[#] + [#]</td>
<td>High, Medium, Low</td>
</tr>
</tbody>
</table>

Table 5: DTMF Remote Control Functions

DTMF EXAMPLES
Each example below shows the log on step for clarity. In practise is only necessary to log on once per DTMF control session.
To log on and turn Area 1 All On, enter the following:
[2] [5] [8] [0] + [#] = Log ON
To log on and turn Output 8 on, enter the following:
[2] [5] [8] [0] + [#] = Log ON
To log on and turn Output 6 off, enter the following:
Note
If the DTMF Quick Arm option is enabled then it is possible to remotely turn on all areas without logging onto the panel. Simply enter [0] + [#] following the welcome jingle.

Make sure that the telephone being used to remotely control the panel is set to transmit DTMF tones when keys are pressed during the call. This option is disabled by default on some telephones.

Programming Text Using The Keypad
When programming text via the keypad, various keys on the keypad operate differently.
A group of characters is assigned to each of the numeric keys on the keypad. Pressing the same numeric key again will toggle to the next character assigned to the key (eg. Press the [2] key will display the ‘A’ character, press the [2] key again will toggle to the ‘B’ character, press the [2] key again will toggle to the ‘C’ character etc).
Once the correct character is display use the arrow keys to move to the next letter of the word you are entering. The key assignments are identical to those found on most fixed and mobile phones.
When programming text, each numeric key represents a different group of characters.
Pressing the same numeric key repeatedly will step you through the available characters assigned to the key. The text key layout is the same as most phones. Refer to the table below for detailed character information.
Refer to the following table for more information.

<table>
<thead>
<tr>
<th>Key</th>
<th>Characters Assigned To Each Numeric Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>. , ? ! - &amp; ',' 1</td>
</tr>
<tr>
<td>2</td>
<td>A B C a b c 2</td>
</tr>
<tr>
<td>3</td>
<td>D E F d e f 3</td>
</tr>
<tr>
<td>4</td>
<td>G H I g h i 4</td>
</tr>
<tr>
<td>5</td>
<td>J K L j k l 5</td>
</tr>
<tr>
<td>6</td>
<td>M N O m n o 6</td>
</tr>
<tr>
<td>7</td>
<td>P Q R s p q r s 7</td>
</tr>
<tr>
<td>8</td>
<td>T U V t u v 8</td>
</tr>
<tr>
<td>9</td>
<td>W X Y w x y z 9</td>
</tr>
<tr>
<td>0</td>
<td>SPACE 0</td>
</tr>
<tr>
<td></td>
<td>Scroll Up through entire character list</td>
</tr>
<tr>
<td></td>
<td>Scroll Down through entire character list</td>
</tr>
<tr>
<td></td>
<td>Move to left one character position</td>
</tr>
<tr>
<td></td>
<td>Move to right one character position</td>
</tr>
<tr>
<td></td>
<td>Clear from cursor position to end of line</td>
</tr>
</tbody>
</table>

Table 6: Text Keypad Character Set

Once the desired character is displayed press the right [→] arrow key to move to the next character position. To save programming changes, press [OK], or press [MENU] to exit without saving.
The following additional special characters are available by scrolling using the up and down arrow keys.

<table>
<thead>
<tr>
<th>Characters</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ - @ # $ &quot; &amp; % * : ( ) / &lt; &gt; =</td>
<td></td>
</tr>
</tbody>
</table>

Duress or Silent Alarms
A Duress or Silent Panic alarm can be easily triggered via the keypad if you are being forced to operate the system against your will.

To trigger a duress, enter your normal user PIN followed by the last 2 digits of your user PIN followed by the ON or OFF key. See the following examples.
1. If your PIN is 2580, to send a duress report when the area is off, Enter, [2] + [5] + [8] + [0] + [8] + [0] + [OK] or [ON].
2. If your PIN is 2580, to send a duress report when the area is on, Enter, [2] + [5] + [8] + [0] + [8] + [0] + [OFF].

Duress alarms are triggered by entering the user PIN followed by the last 2 digits of the user PIN followed by the ON or OFF key.

System Programming
Some of the examples shown in the following section assume that you are already in programming mode. To enter programming mode simply enter your PIN and press the MENU key on the keypad.

Access > Commands > Erase User

This menu allows the installer or master user, to erase another user. When a user is erased, it will return back to factory default all information relating to the following:

- PIN
- Token ID
- RF Keyfob ID
- Fingerprint ID
- Name
- TimeZone Access
- Door Assignment
- Area Assignment

Enter [MENU] + [1] + [0] + [0].
Use the arrow keys to highlight the user to be erased then press [OK].

Verify the user name to be erased and press [OK]. To abort press [MENU].
PIN Numbers

Access > PIN Codes >

Change Own PIN  MENU 1-1-0

This menu lets you change your own PIN. It is recommended that you write down your old PIN and the new one before you begin. The new PIN must have the same number of digits as your old PIN unless your installer has enabled the variable length PIN option. Once the change is complete you should destroy the written copy.

At factory default, each PIN is fixed to 4 digits in length. The default PIN for User 1 (Master user) is 2580. Only the security installer can change the PIN length.

Enter programming mode (PIN + MENU) then,

1. Ensure that the system (or area) is turned off.
2. Enter your PIN, and then press [MENU] + [1] + [1] + [0]. The keypad will prompt you to enter a new PIN.
3. Enter your new PIN, and then press [OK]. If an error tone sounds, try a different PIN. The keypad will now prompt you to enter your new PIN again.
4. Enter your new PIN again.
5. Press [OK] to save and exit, or press [MENU] to exit without saving.

Access > PIN Codes >

Change Other PIN  MENU 1-1-1

If you have a master PIN, this command allows you to change somebody else's PIN. It is recommended that you write down the old PIN and the new one before you begin. Once the change is complete you should destroy the written copy. The new PIN must have the same number of digits as the old PIN.

At factory default, each PIN is fixed to 4 digits in length. The default PIN for User 1 (Master user) is 2580.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [1] + [2]. A list of users will display on the keypad.
2. Use the [1] and [4] keys to select the user that you want to change the PIN, then press [OK] to select. Alternatively, you can enter the user number you want to change, then press [OK].
3. Enter the new PIN.
without saving.

Access > PIN Codes >

Delete PIN

MENU 1-1-3

This menu allows a Master user the ability delete other users PIN’s. A Master user can only delete a PIN for those users that have been assigned to the same area(s) as the Master user. A Master user cannot delete their own PIN.

Enter programming mode (PIN + MENU) then,

1. Make sure that the system is turned off.
2. Press [MENU] + [1] + [1] + [3].
   The keypad will list all users that you can delete.

   | Ur1 John Smith |
   | Ur2 Debbie Smith |
   | Ur3 User 3 Name |
   | Press ▲▼ OK or MENU |

3. Use the [▲] and [▼] keys to highlight the user whose PIN you want to delete, then press [OK] to select. Alternatively, you can enter the user number you want to delete, then press [OK].

   Press OK To Delete PIN
   For Ur2
   Debbie Smith
   Press OK or MENU

4. Press [OK] again to delete the PIN, or press [MENU] to cancel.

Tokens

This section outlines how to add and delete token cards that allow an alternate method for users to turn the system on and off via a prox reader enabled keypad. The system can also be configured to automaticall open a door if it has been fitted with an electric door lock. You should discuss this feature with your installer for more details on your particular installation.

A token is a small plastic tag card that has a unique ID. A user can place the token card in front of a keypad that has a built-in token reader to turn the system or specific areas on and off.

Access > Token >

Add Token

MENU 1-2-0

This menu allows a Master user the ability to add a new token for those users that have been assigned to the same area(s) as the Master user.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [2] + [0].
   A list of users will display on the keypad.

   | Ur1 John Smith |
   | Ur2 Debbie Smith |
   | Ur3 User 3 Name |
   | Press ▲▼ OK or MENU |

2. Use the [▲] and [▼] keys to select the user who's token you want to delete, then press [OK] to select.

   Press OK To Delete Token
   For Ur1
   John Smith
   Press OK or MENU

3. When prompted press the [OK] key to confirm token deletion.

Access > Token >

Token Status

MENU 1-2-2

This menu allows a Master user the ability to identify a token which has been programmed into the system. Only tokens that have been assigned to the same area(s) as the Master user can be identified.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [2] + [2].
   The system will prompt you to present the token to the keypad.

   To add token for Ur1
   JOHN SMITH present new token
   Press OK or MENU
2. Once the token is presented the system will display the owner of the token.

Token belongs to Ur2
Debbie Smith

Press OK or MENU

Access > Token >

Edit Token

This menu allows a Master user the ability to delete a token for those users that have been assigned to the same area(s) as the Master user.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [2] + [3].
   A list of users will display on the keypad.
2. Use the [1] and [1] keys to select the user who's token you want to delete, then press [OK] to select.

Edit Token Ur2
000000000
Press ▼▲ OK to SAVE

3. When prompted press the [OK] key to confirm token deletion.

RF Keyfob

This section outlines how to add and delete RF keyfobs which provide an alternate method for users to turn an area(s) on and off. The RF keyfob must be compatible with the RF Receiver that has been installed by the security company.

Access > RF Keyfob >

Add Keyfob

This menu allows the security installer or a master user to program the user's keyfob ID number.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [3] + [0].
   A list of users will display on the keypad.
2. Use the [1] and [1] keys to select the user that you want to add the RF keyfob ID, then press [OK] to select.

Enter Keyfob ID Ur16
User 16 Name
000000000
Press OK or MENU

3. Enter the RF Keyfob ID Number

Delete Keyfob

This menu allows the security installer or a master user to delete the RF keyfob ID that has been assigned to a user.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [3] + [1].
   A list of users will display on the keypad.
2. Use the [1] and [1] keys to select the user that you want to delete the keyfob, then press [OK] to select. Alternatively, you can enter the user number, then press [OK].

Press OK To Delete
Keyfob For Ur1
009553507
Press OK or MENU

3. Press [OK] to delete the RF Keyfob ID number and exit, or press [MENU] to exit without saving.

Access > User Properties >

User Name

This menu allows the master user to program the user's name. A maximum of 20 characters can be entered.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [4] + [0].
   A list of users will display on the keypad.
2. Use the [1] and [1] keys to select the user that you want to program, then press [OK]. Alternatively, you can enter the user number you want to program, then press [OK].
The keypad will display the current user name.

<table>
<thead>
<tr>
<th>User Name</th>
<th>Url1</th>
</tr>
</thead>
<tbody>
<tr>
<td>User 1 Name</td>
<td>Press ▶️◀️◀️ OK to SAVE</td>
</tr>
</tbody>
</table>

3. Use the [←] and [→] keys to scroll the cursor left and right across the user name text. Use the [↑] and [↓] keys to scroll through the different characters available. To clear all text from the cursor position, press the [OFF] key.

4. When the user name is complete, press [OK] to save and exit, or press [MENU] to exit without saving.

---

1. Enter your Master PIN + [MENU].
2. Enter [1] + [4] + [2] + [OK].

The keypad will display the list of current options. Options with a preceeding tick mark are selected.

<table>
<thead>
<tr>
<th>Master User</th>
<th>Reserved</th>
<th>Arm Only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press ▶️◀️OK ON OFF MENU</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Use the [↑] and [↓] keys to highlight the feature that you want to program, then use the [ON] and [OFF] keys to turn on and off the features as required.

4. When all user options are programmed, press [OK] to save and exit, or press [MENU] to exit without saving.

---

### Area Assignment

This menu allows the master user to program which areas (1 to 8) a user can access. Each user can be assigned to one or multiple areas. The master user is restricted and can only assign another user to any one or multiple areas that the master user has been assigned to. At factory default, each user is assigned to operate Area 1.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [4] + [1].
   A list of users will display on the keypad.
2. To assign areas to a user, use the [↑] and [↓] keys to select the user that you want to program, then press [OK] to select. Alternatively, you can enter the user number you want to program, then press [OK].

   The keypad will display which areas the user has been assigned to.

<table>
<thead>
<tr>
<th>Security System</th>
<th>Area 2 Name</th>
<th>Area 3 Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press ▶️◀️ OK ON OFF MENU</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Use the [↑] and [↓] keys to select the area that you want to assign to the user. Press the [ON] key to assign the user to the area (√ will display) or press the [OFF] key to disable the user from the corresponding area (√ will no longer display).

4. Repeat Step 3 until you have assigned the user to all areas that are required.

5. Press [OK] to save and exit, or press [MENU] to exit without saving.

---

### TimeZones

Timezones can be used to restrict users from operating doors or from controlling the alarm system outside given times of the day, days of the week or during holidays. A master code holder is able to change the timezone parameters so they can control the access times for a given user. If a restricted user tries to operate the system outside their assigned timezone then access will be denied.

See MENU 7-5-0 for more information on timezone programming.

---

### TimeZone Access

This menu is used to assign a user to a timezone. Timezones can be used to restrict a users access to be within specific times of the day and or days of the week. Each User can only be assigned to one timezone. Setting this option to timezone 1 will give the user 24 hour access to the system.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [4] + [4] and select the user from the list then press [OK].

<table>
<thead>
<tr>
<th>Ur1 John Smith</th>
<th>Ur2 Debbie Smith</th>
<th>Ur3 User 3 Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press ▶️◀️ OK or MENU</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Using the numeric keys, enter the timezone. Valid entries are 1 – 16 or 0 to disable.

<table>
<thead>
<tr>
<th>TimeZone Access</th>
<th>Ur1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press ▶️◀️ 0-9 OK to SAVE</td>
<td></td>
</tr>
</tbody>
</table>

Visit the Bosch Security Systems online store to upgrade your security system.
Access > Fingerprint >

Add Fingerprint  MENU 1-8-0

This menu allows a master user to add a new fingerprint for users that have been assigned to the same area(s) as the Master user.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [8] + [0].
   A list of users will display on the keypad.

2. Use the [1] and [i] keys to select the user that you want to add a fingerprint for, then press [OK] to select.

3. The system will prompt you to present the finger to the reader. If more than 1 fingerprint reader is installed then the system will prompt you to select the reader to learn from.

4. You must hold your finger on the reader without moving until you hear a confirmation beep which could take up to 5 seconds.

   Only one fingerprint can be assigned to each user. To change a fingerprint for an existing user, you will need to first delete the old fingerprint first.

Access > Fingerprint >

Delete Fingerprint  MENU 1-8-1

This menu allows a Master user the ability to delete a fingerprint for those users that have been assigned to the same area(s) as the Master user.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [8] + [1].
   A list of users will display on the keypad.

2. Use the [1] and [i] keys to select the user who’s fingerprint you want to delete, then press [OK] to select.

3. When prompted press the [OK] key to confirm fingerprint deletion.

Access > Fingerprint >

Fingerprint Status  MENU 1-8-2

This menu allows a master user the ability to identify a fingerprint which has been programmed into the system. Only fingerprints that have been assigned to the same area(s) as the Master user can be identified.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [1] + [8] + [2].
   The system will prompt you to present the finger to the reader.

2. Once the presented the system will display the user assigned to the fingerprint.

Areas

The control panel has the ability to be partitioned up to 8 individual areas. This section outlines various commands that control individual areas.

Areas > Commands >

Area Status  MENU 2-0-0

This menu allows users the ability view the area status of the current area or the status of a different area. This menu is only available via a keypad who’s corresponding area is turned off.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [0] + [0].
   A list of available areas will display on the keypad.
2. Use the [1] and [↓] keys to select the area that you want to view the status information, then press [OK] to select. Alternatively, you can enter the area number, then press [OK]. The keypad will display the area status information.

If the area is turned All On, the keypad will display the following. Note in this example 1 zone has been bypassed.

Main Office A1
Armed All On
1 Zones Bypassed
Press OK or MENU

If the area is turned Part On, the keypad will display:

Main Office A1
Armed Part On
Press OK or MENU

3. To exit, press [OK].

Areas > Commands >
Turn Area On/Off

This menu allows you to turn an area All On or off. Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [0] + [1].

A list of different areas will display on the keypad.

If an area has already been turned All On or Part On, a ‘tick’ (✓) will be displayed on the right side of the name description (see A2 Sales Dept above).

2. Use the [1] and [↓] keys to select the area that you want to turn on or off, then press [OK] to select. Alternatively, you can enter the area number you want to turn on or off, then press [OK].

Areas > Commands >
Turn All Areas On

This menu allows you to turn on all areas that your PIN has been assigned to at the same time All On. The keypad display below shows the area icons 1 through to 8. Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [0] + [2].

The keypad will display the exit time bar to prompt you to exit all areas. You should leave all areas now.

When exit time has expired, the keypad will display that all areas are turned All On (Armed).

Areas > Commands >
Turn All Areas Off

This menu allows you to turn off all areas that your PIN has been assigned to at the same time. However, this menu requires at least one area that has a keypad assigned to it to be disarmed before you can access this command. Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [0] + [3].

Areas > Commands >
Move To Area

This menu allows you to operate multiple areas from the same keypad when the system has been partitioned. Before operating a different area, you will need to move the keypad to the area that you want to operate. Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [0] + [4].

A list of different areas will display on the keypad.

Note

Area icons will only display if programmed to do so by your security installer.
2. Use the [↑] and [↓] keys to select the area that you want to move the keypad display to, then press [OK] to select. Alternatively, you can enter the area number that you want to move the keypad display to, then press [OK].

3. Press the [ON] key to turn chime mode on, or, press [OFF] to turn chime mode off.

4. Press the [OK] key to exit.

**Note**

- Holding down the 4 key on the keypad for 2 seconds will also turn chime mode on and off.

**Areas > Commands >**

**Chime On/Off**

MENU 2-0-5

Chime mode allows you to monitor a zone (or group of zones) and to sound the keypad buzzer or activate a programmable output when the a zone programmed for chime is open and the system is in the disarmed state. This can be useful when you need to monitor the front or back entrance to the premises.

This menu allows a user to turn chime mode on or off.

Only keypads programmed to sound the chime tone will be heard when a zone programmed for chime is faulted.

The master user can set which zone are to be chime zones via MENU 3-0-3. If no zones are programmed for chime then chime mode will not activate.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [0] + [5].
   
   A list of different areas will display on the keypad.

2. Use the [↑] and [↓] keys to select the area that you want to turn chime mode on or off, then press [OK] to select. Alternatively, you can enter the area number that you want to turn chime mode on or off, then press [OK]. The keypad will display the following when chime mode is turned off:

   **Reception Area A1**
   
   Chime is OFF.
   
   To turn ON, Press ON.
   
   To Go Back Press OK

   The keypad will display the following when chime mode is turned on:

   **Reception Area A1**
   
   Chime is ON.
   
   To turn OFF, Press OFF.
   
   To Go Back Press OK

3. Press the [ON] key to turn chime mode on, or, press [OFF] to turn chime mode off.

4. Press the [OK] key to exit.

**Areas > Commands >**

**Chime Mode**

MENU 2-0-6

This menu allows you to program how the chime alert behaves when a chime zone is triggered. There are four different modes available: - Chime Always, Chime After ???, Seconds, Chime For ???, Seconds and Latching.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [0] + [6].
   
   A list of different areas will display on the keypad.

2. Use the [↑] and [↓] keys to select the area that you want to program the chime mode for, then press [OK] to select. Alternatively, you can enter the area number that you want to program the name, then press [OK].

   The keypad will display the following:

   **Chime Mode A1**
   
   Chime For 000 Seconds
   
   Press ••••• OK to SAVE

3. Use the [↑] and [↓] keys to scroll through the different options available. If the mode selected requires you to enter a time then use the [←] and [→] keys to move to the time field and then use the [↑] and [↓] keys to scroll through the available time options.


**Areas > Area Properties >**

**Area Name**

MENU 2-1-0

This menu allows you to program the name for each area. Each area name can be programmed with up to 20 characters. At factory default, only Area 1 is used. The control panel can have a maximum of 8 independent areas programmed.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [1] + [0].
   
   A list of different areas will display on the keypad.

2. Use the [↑] and [↓] keys to select the area that you want to program the name, then press [OK] to select. Alternatively, you can enter the area number that you want to program the name, then press [OK].
The keypad will display the following:

```
<table>
<thead>
<tr>
<th>Area Name</th>
<th>A1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Security System</td>
<td></td>
</tr>
<tr>
<td>Press ▼ OK to SAVE</td>
<td></td>
</tr>
</tbody>
</table>
```

3. Use the [←] and [→] keys to scroll the cursor left and right across the area name text. Use the [↑] and [↓] keys to scroll through the different characters available. To clear all text from the cursor position to the right, press the [OFF] key.

4. When the user name is complete, press [OK].

Areas > Area Properties >
Part Mode 1 Name  MENU 2-1-6

This menu allows you to program a name for the part mode 1. Each area can have its own part mode 1 name if required. Up to 20 characters can be entered to help explain the behaviour of the area when it is armed in part mode 1. For example, Downstairs all armed or Shed Disarmed.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [1] + [6]. A list of different areas will display on the keypad.

2. Use the [↑] and [↓] keys to select the area that you want to program the part mode 1 name for, then press [OK] to select. Alternatively, you can enter the area number that you want to program the name, then press [OK].

The keypad will display the following:

```
<table>
<thead>
<tr>
<th>Part Mode 1 Name</th>
<th>A1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part 1 Area 1 Name</td>
<td></td>
</tr>
<tr>
<td>Press ▼ OK to SAVE</td>
<td></td>
</tr>
</tbody>
</table>
```

3. Use the [←] and [→] keys to scroll the cursor left and right across the name text. Use the [↑] and [↓] keys to scroll through the different characters available. To clear all text from the cursor position to the right, press the [OFF] key.

4. When the name is complete, press [OK].

Areas > Area Properties >
Part Mode 2 Name  MENU 2-1-7

This menu allows you to program a name for the part mode 2. Each area can have its own part mode 2 name if required. Up to 20 characters can be entered to help explain the behaviour of the area when it is armed in part mode 2. For example, Downstairs all armed or Shed Disarmed.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [1] + [7]. A list of different areas will display on the keypad.

2. Use the [↑] and [↓] keys to select the area that you want to program the part mode 2 name for, then press [OK] to select. Alternatively, you can enter the area number that you want to program the name, then press [OK].

The keypad will display the following:

```
<table>
<thead>
<tr>
<th>Part Mode 2 Name</th>
<th>A1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part 2 Area 1 Name</td>
<td></td>
</tr>
<tr>
<td>Press ▼ OK to SAVE</td>
<td></td>
</tr>
</tbody>
</table>
```

3. Use the [←] and [→] keys to scroll the cursor left and right across the name text. Use the [↑] and [↓] keys to scroll through the different characters available. To clear all text from the cursor position to the right, press the [OFF] key.

4. When the name is complete, press [OK].

Areas > Area Properties >
Auto Arming  MENU 2-1-8

This menu allows you to program which timezone will be used by the system to auto arm and or, auto disarm the system or area. Before setting this option you should make sure the timezone has been configured in MENU 7-5-0. Generally a timezone configured for auto arming should be given a name that indicates its function.

The system has a maximum of 16 available timezones and only one timezone can be programmed for each area. The auto arm function can only be used to fully arm the area. There is currently no way to auto arm the area in part mode.

The area will automatically arm when the start time in the selected timezone is reached provided the day of the week is also set.

The area will automatically disarm when the stop time in the selected timezone is reached provided the day of the week is also set.

If auto disarming is not required then you should not set the stop time in the selected timezone. See MENU 7-5-0 for more information on configuring timezones.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [1] + [8]. A list of available areas will display on the keypad.

2. Use the [↑] and [↓] keys to select the area that you want to program the auto arm time for, then press [OK] to select. Alternatively, you can enter the area number that you want to program, then press [OK].

The keypad will display the following:
3. Use the [1] and [4] keys to scroll through the list of timezones until you reach the required one for the chosen area.


**Areas > Timers >**

**Exit Time**

This menu allows the master user to modify the exit timer for the selected area. Each area in the system can have a different exit time if required. The exit time is the amount of time you have to leave the area once it has been turned on. The keypad will sound an exit warning beep during this time to let you and other users know that the area is arming. An alarm cannot be triggered until the exit time has expired.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [8] + [0].

A list of available areas will display on the keypad.

<table>
<thead>
<tr>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 Reception Area</td>
</tr>
<tr>
<td>A2 Sales Dept</td>
</tr>
<tr>
<td>A3 Administration Dept</td>
</tr>
</tbody>
</table>

2. Use the [1] and [4] keys to select the area that you want to program the exit time for, then press [OK] to select. Alternatively, you can enter the area number that you want to program, then press [OK].

The keypad will display the following:

<table>
<thead>
<tr>
<th>Exit Time A1</th>
</tr>
</thead>
<tbody>
<tr>
<td>060 Seconds</td>
</tr>
<tr>
<td>Press 0-9 OK to SAVE</td>
</tr>
</tbody>
</table>

3. Use the numeric keys to enter the required time in seconds and then press [OK]. Exit time can be set from 0 to 255 seconds.

**Areas > Timers >**

**Entry Time 1**

This menu allows the master user to modify the entry timer number 1 for the selected area. Each area in the system can have a different entry time if required. Your installer will have set up one or more entry zones per area on your system and the zones may have been programmed to follow either entry time 1 or entry time 2.

The entry time is the amount of time you have to turn your alarm system off once the entry zone have been triggered or opened.

The keypad will sound an entry warning beep during this time to let you and other users know that the area needs to be disarmed. If the area is not disarmed before the entry time expires then an alarm will occur.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [8] + [1].

A list of available areas will display on the keypad.

<table>
<thead>
<tr>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 Reception Area</td>
</tr>
<tr>
<td>A2 Sales Dept</td>
</tr>
<tr>
<td>A3 Administration Dept</td>
</tr>
</tbody>
</table>

2. Use the [1] and [4] keys to select the area that you want to program the entry time for, then press [OK] to select. Alternatively, you can enter the area number that you want to program, then press [OK].

The keypad will display the following:

<table>
<thead>
<tr>
<th>Entry Time 1 A1</th>
</tr>
</thead>
<tbody>
<tr>
<td>020 Seconds</td>
</tr>
<tr>
<td>Press 0-9 OK to SAVE</td>
</tr>
</tbody>
</table>

3. Use the numeric keys to enter the required time in seconds and then press [OK]. Entry time 1 can be set from 0 to 255 seconds.

**Areas > Timers >**

**Entry Time 2**

This menu allows the master user to modify the entry timer number 2 for the selected area. Each area in the system can have a different entry time if required. Your installer will have set up one or more entry zones per area on your system and the zones may have been programmed to follow either entry time 1 or entry time 2.

The entry time is the amount of time you have to turn your alarm system off once the entry zone have been triggered or opened.

The keypad will sound an entry warning beep during this time to let you and other users know that the area needs to be disarmed. If the area is not disarmed before the entry time expires then an alarm will occur.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [8] + [2].

A list of available areas will display on the keypad.

<table>
<thead>
<tr>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 Reception Area</td>
</tr>
<tr>
<td>A2 Sales Dept</td>
</tr>
<tr>
<td>A3 Administration Dept</td>
</tr>
</tbody>
</table>

2. Use the [1] and [4] keys to select the area that you...
want to program the entry time for, then press [OK] to select. Alternatively, you can enter the area number that you want to program, then press [OK].

The keypad will display the following:

3. Use the numeric keys to enter the required time in seconds and then press [OK]. Entry time 2 can be set from 0 to 255 seconds.

Areas > Timers >
Part Entry Time

This menu sets the time period which a keypad will sound its warning tone after a zone is triggered in Part On or Part 2 On modes. The user must disarm the area before the Part Entry Time expires, otherwise an alarm condition will be triggered.

At factory default, when an area has been turned Part On or Part 2 On and exit time has finished, violating a non 24hr burglary zone will start the part entry time. The keypad will sound the hi/lo tone for a period of 60 seconds before the control panel sound an alarm or until the user turns the area off.

The part entry time will start when any of the following zone types area faulted and set to be monitored for Part On or Part 2 On.

- Burglary Delay 1
- Burglary Delay 2
- Burglary Instant
- Burglary Inst No Exit
- Burglary Handover

Only the installer or a master user can set the part entry time for each area (001 to 255 seconds). Programming 001 seconds allows all non 24 hour burglary zones (including delay zones) to act as if they were all instant zones when the area is turned Part On or Part 2 On. Programming 000 seconds allows all non 24 hour burglary zones to operate as they would if the area has been turned All On.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [2] + [8] + [3].

A list of available areas will display on the keypad.

A1 Reception Area
A2 Sales Dept
A3 Administration Dept
Press ▲▼ OK or MENU

2. Use the [1] and [1] keys to select the area that you want to program the entry time for, then press [OK] to select. Alternatively, you can enter the area number that you want to program, then press [OK].

The keypad will display the following:

<table>
<thead>
<tr>
<th>Part Entry Time A1</th>
</tr>
</thead>
<tbody>
<tr>
<td>060 Seconds</td>
</tr>
<tr>
<td>Press 0–9 OK to SAVE</td>
</tr>
</tbody>
</table>

3. Use the numeric keys to enter the required time in seconds and then press [OK]. Part entry time can be set from 0 to 255 seconds.

Inputs

Each panel can have up to a maximum 144 zones. When the optional radio receiver is fitted any available zone may be programmed as a wireless zone. Your installer will advise you on the exact makeup and configuration of your system.

Inputs > Commands >
Zone Status

This menu allows you to view the zone status of each zone (i.e. Normal, Open or Short).

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [3] + [0] + [0].

A list of different zones will display on the keypad.

2. Use the [1] and [1] keys to select the zone that you want to turn view the status information then press [OK] to select. Alternatively, you can enter the zone number that you want to view status information, then press [OK].

The keypad will display the following zone status information:

<table>
<thead>
<tr>
<th>Zone 1 Name Zn1</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOL=Normal 06523 ohms</td>
</tr>
<tr>
<td>Press OK or MENU</td>
</tr>
</tbody>
</table>

3. Press the [OK] key to exit.

Inputs > Commands >
Zone Array

This menu allows you to view zones in groups of sixteen. The top two rows of the display show the zone number, the third row displays the zone status.

N = NORMAL
S = SHORTED
A = ALARM
T = TAMPER
- = DISABLED

If a 100 is displayed at the right hand side of the top line, it means that you are displaying zones 97 to 112 or zones 113 to 128 etc. See example.

Enter programming mode (PIN + MENU) then,
1. Enter [MENU] + [3] + [0] + [1] and use the up and down arrows to select the zone group to view.

2. Use the up and down arrows at any time to move to a new group. The keypad will display the following zone array information for zones 1 to 16.

In the above example screen,
N = Zone 01 and 06 are Normal (Sealed)
S = Zone 02 is Shorted
A = Zone 03,05,07 are in Alarm (Unsealed)
T = Zone 08 is in Tamper Alarm (Unsealed)
- = Zone 04, 09-16 are Disabled (Unused)

The keypad will display the following zone array information for Zones 97 to 112.

The keypad will display the following zone array information for Zones 113 to 128.

In the above example screen,
N = Zone 01 and 06 are Normal (Sealed)
S = Zone 02 is Shorted
A = Zone 03,05,07 are in Alarm (Unsealed)
T = Zone 08 is in Tamper Alarm (Unsealed)
- = Zone 04, 09-16 are Disabled (Unused)


Inputs > Commands >
Bypass Zones MENU 3-0-2

This menu allows you to bypass or un-bypass a single or multiple zones before you turn the area All On, Part On or Part 2 On. When bypassing zones, it disables the ability for a zone to detect intrusion and sound an alarm.

A burglary zone will automatically become un-bypassed when you turn the corresponding area off (disarm). Any 24-Hr fire or 24-Hr non fire zones will need to be manually un-bypassed.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [3] + [0] + [2].

A list of zones that can be bypassed will display on the keypad. A ‘√’ displayed on the right side of the zone name indicates that the zone is already bypassed.

2. Use the [↑] and [↓] keys to select the zone that you want to bypass, then press [OK]. Alternatively, you can enter the zone number that you want to bypass, then press [OK].

If the zone is bypassed, the keypad will prompt:

If the zone is not bypassed, the keypad will prompt:

3. Press [ON] or [OFF] to toggle the zone to be bypassed/un-bypassed.


Repeat steps 1 to 4 to bypass or un-bypass additional zones.

Inputs > Commands >
Set Chime Zones MENU 3-0-3

This menu allows you to program zones to be monitored when the system is turned off. Chime mode is ideal to monitor a front door to sound the keypad buzzer when opened (faulted).

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [3] + [0] + [3].

A list of areas will display on the keypad.

2. Use the [↑] and [↓] keys to select the area that you want to program zones for chime mode, then press [OK]. Alternatively, you can enter the area number that you want to program chime zones, then press [OK].

The keypad will list all zones that can be programmed for chime mode. A ‘√’ displayed on the right side of the zone name indicates that the zone is already set for chime.

1. Enter [MENU] + [3] + [0] + [2].

A list of zones that can be bypassed will display on the keypad. A ‘√’ displayed on the right side of the zone name indicates that the zone is already bypassed.
3. Use the [↑] and [↓] keys to select the zone that you want to set for chime, then press [OK]. Alternatively, you can enter the zone number that you want to set for chime, then press [OK].

If the zone is not programmed for chime, the keypad will prompt:

```
Zone 1 Name Zn1
Zone Chime is OFF,
To turn ON, Press ON.
To Go Back Press OK
```

If the zone is programmed for chime, the keypad will prompt:

```
Zone 1 Name Zn1
Zone Chime is ON.
To turn OFF, Press OFF.
To Go Back Press OK
```

4. Press [ON] or [OFF] to toggle the zone to be monitored when chime mode is turned on.

5. Press [OK] to save and exit, or press [MENU] to exit without saving.

Inputs > Commands >
Smoke Sensor Reset
MENU 3-0-5

This menu allows you to reset smoke sensors.
Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [3] + [0] + [5].
A list of different areas will display on the keypad.

2. Use the [↑] and [↓] keys to select the area that you want to reset the smoke detectors, then press [OK] to select. Alternatively, you can enter the area number, then press [OK].

The keypad will display the following:

```
Smoke Detector reset in progress. Please wait
```

3. The keypad will automatically return to the menu when all smoke detectors in the area has been reset.

Inputs > Zone Properties >
Zone Name
MENU 3-1-0

This menu allows you to program up to 20 characters for the name of each zone.
Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [3] + [1] + [0].
A list of different zones will display on the keypad.

2. Use the [↑] and [↓] keys to select the zone name that you want to change, then press [OK]. Alternatively, you can enter the zone number that you want to change, then press [OK].

The keypad will display the following:
3. Use the [←] and [→] keys to scroll the cursor left and right across the zone name text. Use the [↑] and [↓] keys to scroll through the different characters available. To clear all text from the cursor position to the right, press the [OFF] key.


Inputs > Input Testing >
Walk Test All Zones
This menu allows you to test all zones within an area at the same time. To successfully walk test each zone, you must open and close each zone.

Enter programming mode (PIN + MENU) then,
1. Press [MENU] + [3] + [9] + [0].
   The keypad will display a list of areas that are available to walk test zones.
2. Use the [↑] and [↓] keys to select the area that you want to do walk test, then press [OK] to select.
   Alternatively, you can enter the area number, then press [OK].
   The keypad will scroll all zones that you can test.

3. Open and close each zone that needs to be tested. A zone that has been successfully tested will no longer scroll on the keypad display.

When all zones have been tested, the keypad will display:

   All zones have been successfully tested
   Press OK or MENU


Inputs > Input Testing >
Walk Test A Single Zone
This menu allows you to select a single zone to be tested via walk test.

Enter programming mode (PIN + MENU) then,
1. Press [MENU] + [3] + [9] + [1].
   The keypad will display a list of zones that are available to be tested via walk test.
2. Use the [↑] and [↓] keys to select the zone that you want to walk test, then press [OK] to select.
   Alternatively, you can enter the zone number, then press [OK].
   The keypad will display the zone to be tested.

3. Open and close the zone that needs to be tested.
   When the zone has been successfully faulted and restored, the keypad will display:

   Zn1 Zone 1 Name
   Test Successful
   Press OK or MENU


Outputs
The control panel can have up to a maximum of 37 outputs. Five outputs are available as standard with an additional 32 available when the optional output expanders are fitted. Your installer will advise you on the exact makeup and configuration of your system.

Outputs > Commands >
Output Status
This menu allows you to view the status of each output.

Enter programming mode (PIN + MENU) then,
1. Ensure that the system is turned off.
2. Press [MENU] + [4] + [0] + [0].
   The keypad will display a list of outputs that the status may be viewed.
3. Using the [↑] and [↓] keys, highlight the output that you want to view the status information, then press [OK] to select. Alternatively, you can enter the output number and then press [OK].
   The keypad will display the following when the output is off and OK:
The keypad will display the following when the output is off and missing:

**External Siren Op1**
*Is OFF and Ready*

Press OK or MENU

The keypad will display the following when the output is ON and OK:

**External Siren Op1**
*Is ON and Ready*

Press OK or MENU

The keypad will display the following when the output is ON and missing:

**External Siren Op1**
*Is ON and Ready, Connection Trouble*

Press OK or MENU


### Outputs > Commands >

#### Turn Output On/Off

MENU 4-0-1

This menu allows you to turn outputs that have been programmed by your security company on or off. These outputs can be programmed to control outside lighting, pool pumps, watering systems etc.

Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [4] + [0] + [1].

   If a valid PIN is required, the keypad will prompt you to enter your PIN.

2. Use the [↑] and [↓] keys to select the output name that you want to change, then press [OK] to select. Alternatively, you can enter the output number, then press [OK].

3. To toggle the output on or off, use the [ON] and [OFF] keys.

   The keypad will display the following when the output is off:

   **External Siren Op1**
   *Output is OFF, To turn ON, Press ON.*
   
   To Go Back Press OK

   To turn the output on, press [ON].

   The keypad will display the following when the output is on:

   **External Siren Op1**
   *Output is ON, To turn OFF, Press OFF. To Go Back Press OK*

   To turn the output off, press [OFF].


### Outputs > Commands >

#### Output Array

MENU 4-0-2

This menu allows master users to view the status of outputs on the system in groups of 16. Outputs are continuously being updated while the array is being displayed so that real-time status can be seen. The top two rows of the display show the output number when read vertically and the third row displays the output’s status as per below list.

<table>
<thead>
<tr>
<th>N</th>
<th>T</th>
<th>F</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORMAL</td>
<td>TRIGGERED</td>
<td>FAULT</td>
<td>DISABLED</td>
</tr>
</tbody>
</table>

1. Enter [MENU] + [4] + [0] + [2] and use the up and down arrows to select the output group to view.

2. Use the up and down arrows at any time to move to a new group. The keypad will display the following output array information for outputs 1 to 16.

```
0000000001111111
1234567890123456
NNNNN---TF------
```

Press ▲▼ OK or MENU

In the above example screen,

- **N** = Outputs 01 to 05 are Normal (Off)
- **F** = Output 10 has a Fault (Overload)
- **T** = Output 09 is Triggered (On)
- **-** = Outputs 05 to 08 and Outputs 11 to 16 are Disabled or Not Available

3. Press the [↓] key and the keypad will display the output array information for outputs 17 to 32.

```
1112222222222333
7890123456789012
-------------
```

Press ▲▼ OK or MENU

4. Use the [↑] and [↓] keys to move up and down the output array and when finished press [OK] or [MENU] to exit.
Outputs > Commands >

Door Status

This menu allows the master user to view the status of a selected door.

1. Enter [MENU] + [4] + [0] + [3].
   
   A list of available doors will display on the keypad.

2. Use the [↑] and [↓] keys to select the door that you want to check the status of, then press [OK] to select. Alternatively, you can enter the door number then press [OK].

   The keypad will display the following:

3. The following door states can be displayed in the door status menu.
   
   - Door Locked
   - Door Unlocked
   - Unlocked by TimeZone
   - Locked by TimeZone
   - Overridden Unlocked
   - Overridden Locked


Outputs > Commands >

Door Array

This menu allows the master user to view the status of doors on the system. Up to 16 doors are supported on this system. Doors will continuously be updated during the display so that real time status can be seen. The top two rows of the display show the door number, the third row shows the door status

   L = Door Locked
   U = Door Unlocked
   O = Override
   - = Disabled or Not Available

1. Enter [MENU] + [4] + [0] + [4]. The keypad will display the following door array information for doors 1 to 16.

   In the above example screen,

   L = Doors 01 to 05 are Locked
   O = Door 13 has a Override condition
   U = Doors 09 to 12 area Unlocked
   - = Doors 06 to 08 and Doors 14 to 16 are Disabled or Not Available

2. When finished press [OK] or [MENU] to exit.

Outputs > Commands >

Door Override

This menu allows the master user to override the current state of the selected door.

1. Enter [MENU] + [4] + [0] + [5].

2. Use the [↑] and [↓] keys to select the door that you want to override, then press [OK] to select. Alternatively, you can enter the door number then press [OK].

   The keypad will display the following:

3. The following door states can be displayed in the door status menu.

   - Door Locked
   - Door Unlocked
   - Unlocked by TimeZone
   - Locked by TimeZone
   - Overridden Unlocked
   - Overridden Locked

Outputs > Properties >

Output Name

This menu allows you to program the name for each output. Each output name supports up to 20 characters.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [4] + [1] + [0].

A list of available outputs will display on the keypad.

2. Use the [↑] and [↓] keys to select the output name that you want to change, then press [OK] to select. Alternatively, you can enter the output number, then press [OK].

The keypad will display the following:

```
Output Name Op1
External Siren
Press ◄▲▼ OK to SAVE
```

3. Use the [←] and [→] keys to scroll the cursor left and right across the output name text. Use the [↑] and [↓] keys to scroll through the different characters available. To clear all text from the cursor position to the right, press the [OFF] key.


Outputs > Door Control >

Door Name

This menu allows you to program the name for each door on the system. Each door name can be up to 20 characters long.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [4] + [2] + [0].

A list of available doors will display on the keypad.

2. Use the [↑] and [↓] keys to select the door name that you want to change, then press [OK] to select. Alternatively, you can enter the door number, then press [OK].

The keypad will display the following:

```
Door Name Dr3
Door 3 Name
Press ◄▲▼ OK to SAVE
```


Outputs > Output Testing >

External Siren Test

This menu allows you to test any external sirens which have been connected by your installer. The test will last for 5 seconds.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [4] + [9] + [0].

If the system has multiple areas, the keypad will display a list of areas.

```
A1 Security System
A2 Area 2 Name
A3 Area 3 Name
Press ▲▼ OK or MENU
```

2. Use the [↑] and [↓] keys to select the area that you want to test the external sirens in, then press [OK]. Alternatively, you can enter the area number, then press [OK].

The keypad will display the following during the siren test.

```
External Audible Testing
Press any key to abort Press OK or MENU
```

When the siren test is complete, the keypad will display the following:

```
Testing Complete. Press OK to continue Press OK or MENU
```


Outputs > Output Testing >

Internal Siren Test

This menu allows you to test any internal sirens which have been connected by your installer. The test will last for 5 seconds.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [4] + [9] + [1].

If the system has multiple areas, the keypad will display a list of areas.

```
A1 Security System
A2 Area 2 Name
A3 Area 3 Name
Press ▲▼ OK or MENU
```

2. Use the [↑] and [↓] keys to select the area that you want to test the internal sirens in, then press [OK]. Alternatively, you can enter the area number, then press [OK].
The keypad will display the following during the internal siren test.

<table>
<thead>
<tr>
<th>Internal Audible Testing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press any key to abort</td>
</tr>
<tr>
<td>Press OK or MENU</td>
</tr>
</tbody>
</table>

When the test is complete, the keypad will display the following:

<table>
<thead>
<tr>
<th>Testing Complete. Press OK to continue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press OK or MENU</td>
</tr>
</tbody>
</table>


Outputs > Output Testing >

Strobe Test         MENU 4-9-2

This menu allows you to test the external strobe light.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [4] + [9] + [2].
   
   If the system has multiple areas, the keypad will display a list of areas.

   | A1 Security System          |
   | A2 Area 2 Name              |
   | A3 Area 3 Name              |
   | Press ▲▼ OK or MENU         |

2. Use the [▲] and [▼] keys to select the area that you want to test the strobe in, then press [OK]. Alternatively, you can enter the area number, then press [OK].

   The keypad will display the following during the strobe test.

   | Strobe Activated. Will Reset on exit |
   | Press OK or MENU                   |

   Check and verify that the strobe light is on.


Communication / Reporting

Programming options in this section relate to how you alarm system will communicate alarm information. Your installer will advise you on the exact makeup and configuration of your system.

Comms > Commands >

Call/Answer RAS         MENU 5-0-1

This menu allows you to initiate a modem call to the installer’s off-site computer for programming changes or updates. Your installer may request that you enter this command so that they can remotely service and configure your system. You should not enter this command unless requested to do so.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [5] + [0] + [1].

Comms > Commands >

Call Forward On/Off      MENU 5-0-2

This menu allows you to turn on and off the call forward feature. When you turn on call forwarding, the control panel will automatically activate and de-activate the call forward on and call forward off sequence accordingly when you turn Area 1 All On and off (arm and disarm).
Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [5] + [0] + [2].
   If the call forward status is off, the keypad will display:
   
   **Call Forward On/Off**
   Call Forward is OFF.
   To turn ON, Press ON.
   To Go Back Press OK

   If the call forward status is on, the keypad will display:
   
   **Call Forward On/Off**
   Call Forward is ON.
   To turn OFF, Press OFF.
   To Go Back Press OK

2. To toggle call forward on, press the [ON] key or press the [OFF] key to turn call forward off.

   *Note*
   
The call forward on/off can be used to automatically divert your home phone to your mobile phone when the system is armed and automatically cancel the diversion when the system is turned off. See MENU 5-1-6 for more details.

Comms > Commands >
Check Web Email **MENU 5-0-3**
Reserved for future use

Comms > Commands >
Email System Log **MENU 5-0-4**
Reserved for future use

Comms > Commands >
Start Direct Connect **MENU 5-0-5**
This menu allows the master user to start a direct link session. You should discuss this option with your installer.
Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [5] + [0] + [5].

Comms > Commands >
Voice Setup **MENU 5-0-6**
This menu allows the master user to record their own customised greeting and zone description messages that will be played back to users that are programmed to receive voice reports from the alarm system.

Messages should clearly describe the premises and zones so that the user receiving the telephone call from the control panel can then take the appropriate action.

This feature requires an optional voice module to be fitted to the system by your installer. Additional programming information is included with the voice module.

Comms > Commands >
Register Customer **MENU 5-0-8**
Reserved for future use

Comms > Telephone Numbers >
Destination 1 **MENU 5-1-1**
The installer may have configured your system to report alarm messages using one of the self monitoring formats such as SMS, Domestic or Voice reporting. When one of these formats has been configured the system will send alarm reports to a phone number or numbers belonging to you and or other family members.

Depending on the selected format the system is capable of reporting alarm messages to 5 different numbers on destination 1 and an additional 5 numbers on destination 2 if required. Each number can be up to 32 digit long.

When SMS format is selected the system will send alarm reports to all numbers programmed in the destination.

**SMS CALL-ALERT**

When entering the mobile telephone number you wish to send the SMS report to you can append *00* to the number which tells the system to call the mobile number first then send the SMS report. This is especially useful at night when a simple SMS message may not be satisfactory to get your attention but a phone call to your mobile will. With many smart phones your able to tailor the ring depending on the caller and you could use an appropriate alarm sound to indicate your alarm system is trying to contact you. We refer to this feature as a ping to the number and it can be selected for one or all the mobile numbers in the list as well as being able to select the number of seconds (1-99) that the phone will ring for.

**Examples:**

Phone 1:
0408249351 (this will only send SMS to this number)

Phone 2:
0412400922* (this will call the number first for 20 seconds then send the SMS)

Phone 3:
0408249351*35* (This will call the number first for 35 seconds then send the SMS)

When voice reporting is selected the user who answers the
call can choose whether the message is also sent to other numbers in the destination 1 list or not.

When reporting in domestic format, the call must be acknowledged by the user who answers the incoming call. If the user fails to acknowledge the call, the system will call the next number in the list until the maximum number of call attempts are reached.

To acknowledge the call, the user needs to press the [#] key on their telephone.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [5] + [1] + [1].
   If the control panel is not programmed to report using one of the self monitoring formats, the keypad will display the following:
   
   Reporting format does not allow user changes. Contact installer for further information

   If the control panel has been configured to report via a self monitoring format, the keypad will display information for telephone number 1.
   
   Phone 1= 0453287306
   Phone 2=
   Phone 3=
   Press ▲▼ 0-9 OK to SAVE

2. Use the [↑] and [↓] keys to select the phone number to add or change, then press [OK] to select.
   The keypad will display the following:
   
   Destination 1 Phone 1
   0453287306
   Press ▲▼ 0-9 OK to SAVE

3. Use the [←] and [→] keys to scroll the cursor left and right across the phone number. Use the [↑] and [↓] keys to change the individual digit in the number or press the [OFF] key to clear the whole number and then enter the new number using the 0-9 keys.


Comms > Telephone Numbers >

Call Forward On

When you leave your premises, you no longer need to remember to manually activate the Call Forward On feature via the telephone. These addresses allow you to program the Call Forward On sequence that the control panel will automatically use to divert your phone when you turn Area 1 ‘On’.

In Australia, a typical sequence of activating the Call Forward On – After Time (All Calls) is described below:

For other countries please substitute the appropriate commands after consultation with your telephone company.

*61 (To turn Call Forward On – After Time).
Telephone number that you want calls to go to (e.g. 0416123456).

*5# (End of Call Forward sequence after 5 seconds).
Therefore, you would program as per the following steps to program the call forward on number as: *61046123456*5#.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [5] + [1] + [6].

The keypad will display information for telephone number 1.

```
Call Forward On
*61,*20#
Press ↑↓ OK to SAVE
```

2. Using the numeric keys, enter all the digits of the call forward on sequence.

You can change a single digit by scrolling the cursor left [←] and right [→]. For special characters (eg., pause, * or # etc), use the [1] and [1] keys.


Call Forward Off
#61#_
Press ↑↓ OK to SAVE

Comms > Telephone Number >

When you enter your premises, you no longer need to remember to manually deactivate the Call Forward feature via the telephone. These addresses allow you to program the Call Forward Off sequence that the control panel will automatically use to un-divert your phone when you turn Area 1 ‘Off’.

In Australia, a typical sequence of activating the Call Forward Off feature is described below:

```
#61 (To turn Auto-Forward After Time - Off).
# (End of Call-Forward sequence).
```

Therefore, you would program as per the following steps to program the call forward off number as: #61#.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [5] + [1] + [7].

The keypad will display the current call-forward off sequence.

```
Call Forward Off
#61#
Press ↑↓ OK to SAVE
```

2. Using the numeric keys, enter all the digits of the call forward off sequence.

You can change a single digit by scrolling the cursor left [←] and right [→]. For special characters (eg., = pause, * or # etc), use the [1] and [1] keys.


Email Reporting

In addition to Back to Base monitoring you can also configure your alarm system to send selected reports to an email address of your choice. To activate email reporting, simply enter the email address in MENU 5-5-8 and then select the required report types in MENU 5-5-9.

The Site Name in MENU 7-7-7 is used in the email subject line when email reporting. You should also program this name to make it easier to identify email sent by your alarm system.

To cancel email reporting simply remove the email address by going to MENU 5-5-8 and then pressing the [OFF] key followed by the [OK] key.

Currently email reporting functionality is only available for panels located in Australia.

Comms > MyAlarm >

This menu allows the master user to program an email address that the system will send email reports to. A maximum of 80 characters can be used to program the email address.

1. Enter your Master PIN + [MENU].

2. Enter [5] + [5] + [8] + [OK].

The keypad will display the current email address.

```
Email Address

Press ↑↓ OK to SAVE
```

3. Use the numeric, [0] to [9], [←] and [→] keys to enter or change the email address as required.

At any time you can use the [1] and [1] keys to scroll through the complete list of available characters.

To clear all characters from the cursor position to the right, press the [OFF] key.

4. When the email address is complete, press [OK] to save and exit, or press [MENU] to exit without saving.

To stop email reporting simply remove the email address or disable all of the email options in MENU 5-5-9.
When entering an email address the @ symbol is represented on the keypad display as \( \circ \). To enter this character press the 1 key repeatedly until the symbol appears in the display.

**Note**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Open Close Reports</td>
<td>Send Reports</td>
</tr>
<tr>
<td>2</td>
<td>Zones Reports</td>
<td>Send Reports</td>
</tr>
<tr>
<td>3</td>
<td>System Reports</td>
<td>Send Reports</td>
</tr>
<tr>
<td>4</td>
<td>Access Reports</td>
<td>Send Reports</td>
</tr>
<tr>
<td>5</td>
<td>Reserved</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Reserved</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Reserved</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Reserved</td>
<td></td>
</tr>
</tbody>
</table>

*Table 7: Email Options*

1. Enter your Master PIN + [MENU].
2. Enter [5] + [5] + [9] + [OK].

   The keypad will display the list of current options. Options with a preceeding tick mark are selected.

   ![List of Options](https://example.com/options.png)

3. Use the ↑ and ↓ keys to highlight the feature that you want to program, then use the [ON] and [OFF] keys to turn on and off the features as required.
4. When all email options are programmed, press [OK] to save and exit, or press [MENU] to exit without saving.

**Comms > MyAlarm > Email Options**

This menu allows the master user to select which event types will be reported using the email reporting function. By default the first 4 options are set to report via email. Follow the procedure below to configure the required options.

**Comms Testing In Progress ..Please Wait..**

Press OK or MENU

If the test is successful, the keypad will prompt:

**Comms Test Successful**

Press OK or MENU

If the test is NOT successful, the keypad will prompt:

**Test Report Failed.. Please Call For Service**

Press OK or MENU


**Devices and Optional Modules**

Programming options in this section relate to the keypads and other devices which may be connected to your alarm system. Your installer will advise you on the exact makeup and configuration of your system.

**Devices > Commands > Device Status**

This option provides a listing of all of the devices and modules connected to your system. Using this option it is possible to view the voltage, temperature and other information about each of the modules.

Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [6] + [0] + [0].

   ![Device Status](https://example.com/status.png)

2. Use the ↑ and ↓ keys to select the device that you want to view, then press [OK] to select.

The display will show each parameter for the device one at a time on the third line of the screen.

Devices > Commands >

Keypad Volume  

This menu allows you to adjust the volume of the keypad's buzzer. Each keypad will need to have their volume adjusted separately.

Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [6] + [0] + [7].
   The keypad will display:

   Keypad 001 Volume
   Press ▲▼OK to SAVE

2. Use the [←] and [→] keys to adjust the bar until the desired volume has been reached.

Devices > Commands >

Keypad Contrast  

This menu allows you to adjust the contrast of the keypad's LCD display. Each keypad can have their display adjusted separately.

Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [6] + [0] + [8].
   The keypad will display the contrast screen.

   Keypad 001 Contrast
   Press ▲▼OK to SAVE

2. Use the [←] and [→] keys to adjust the bar until the desired contrast is reached.

Devices > Commands >

Keypad Backlight  

This menu allows you to adjust the brightness of the keypad's LCD display backlight. Each keypad can have their display adjusted separately.

Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [6] + [0] + [9].
   The keypad will display the backlight screen.

   Keypad 001 Backlight
   Press ▲▼OK to SAVE

2. Use the [←] and [→] keys to adjust the bar until the desired backlight is reached.

Devices > Keypads & Readers >

Name  

This menu allows you to program the name for each keypad or reader connected to your system. Each name can be up to 20 characters. You should program a name that helps to identify where the device is located in the building, eg. Front Door Reader.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [6] + [1] + [0].
   A list of available devices will display on the keypad.
2. Use the [←] and [→] keys to select the device name that you want to change, then press [OK] to select.
   The keypad will display the following:

   Name Kp1
   Keypad 1 Name
   Press ▲▼OK to SAVE

3. Use the [←] and [→] keys to scroll the cursor left and right across the device name text. Use the [↑] and [↓] keys to scroll through the different characters available. To clear all text from the cursor position to the right, press the [OFF] key.

Devices > GSM/GPRS Module >

CLI Triggers  

This menu allows you to program two separate trigger tables each of which can contain up to 10 phone numbers. These numbers can then be used to remotely operate one or more outputs on the system which have been configured by your installer. This function could be used to open a gate or roller door by simply calling the phone number of the GSM radio module that is connected to.

This feature requires that the optional GSM radio module be installed on your system.

When the GSM phone is ringing, the system will check if the incoming call is from a number which has been entered into one of the trigger tables and if the numbers...
match then any outputs programmed to operate by CLI match will operate.

Enter programming mode (PIN + MENU) then,
1. Enter [MENU] + [6] + [5] + [5]. The system will then display the trigger table list on the keypad.

   M6550 Trigger Table 1
   M6551 Trigger Table 2
   Exit
   Press ▲▼ OK or MENU

2. Use the [▼] and [▲] keys to select the trigger table to edit, then press [OK] to select.

   Phone 1= +61423474345
   Phone 2= 0296438451
   Phone 3=  
   Press ▲▼ OK or MENU

3. Use the [▼] and [▲] keys to select the phone number to add or change, then press [OK] to select.
   The keypad will display the following:

   Trigger Table 1 Phone 1
   +61423474345
   Press ▲▼ 0-9 OK to SAVE

4. Use the [▼] and [▲] keys to scroll the cursor left and right across the phone number. Use the [▼] and [▲] keys to change the individual digit in the number or press the [OFF] key to clear the whole number and then enter the new number using the 0-9 keys

5. Press [OK] to save and exit, or press [MENU] to exit without saving.

Your phone must be set to send the caller line identification (CLI) information or the trigger function will not work.

System Events

Options in this section relate to programming of system wide options and interpretation of system trouble events when and if they occur. Some events such as open zones will appear as single events while others may be grouped together. In this case you need to drill down to see the specific detail for each event.

Your installer will advise you how to interrogate system trouble events.

Devices > GSM/GPRS Module >

SMS Control

If your system has the optional GSM module fitted various commands can be sent to your system via SMS text messages.

This menu allows you to select the phone or phones which can send these messages to your system. If no numbers are programmed in this location then SMS commands cannot be sent to your system.

Up to 10 phone numbers can be programmed to allow SMS commands to be sent the GSM module.

Enter programming mode (PIN + MENU) then,
1. Enter [MENU] + [6] + [5] + [6].
   A list of programmed phone numbers will display on the keypad.

   Phone 1= +61423474345
   Phone 2= 0296438451
   Phone 3=  
   Press ▲▼ OK or MENU

2. Use the [▼] and [▲] keys to select the phone number to add or change, then press [OK] to select. The keypad will display the following:

   SMS Control Phone 1
   +61423474345
   Press ▲▼ 0-9 OK to SAVE

3. Use the [▼] and [▲] keys to scroll the cursor left and right across the phone number. Use the [▼] and [▲] keys to change the individual digit in the number or press the [OFF] key to clear the whole number and then enter the new number using the 0-9 keys


Your phone must be set to send the caller line identification (CLI) information or the SMS restriction function will not work.

Your phone must be set to send the caller line identification (CLI) information or the trigger function will not work.

You must enter the full phone number including the area code and or country code or the trigger table will not work. To check the number sent by your phone call another phone and check the caller ID received.

System > Commands > Panel Status

The panel status menu displays the panel software version information as well as highlighting any system troubles that are currently in effect. This is a view only location.

Line 1 Displays:
The panel number that you are getting information from. The Solution 6000 is only configured to work with one panel.

Line 2 Displays:
The panel name and firmware version number.

Line 3 Displays:
The current panel temperature, panel power supply voltage and any system troubles which are in effect. This line scrolls all events continuously.
Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [7] + [0] + [0] to view the panel status.

2. Press [OK] to exit when finished.

If viewing non-system trouble conditions, the keypad will display similar to the following:

```
Zone 1 Name Zn1
EOL=Open 55968 ohms
Press OK or MENU
```

3. Press [OK] or [MENU] to exit the system trouble menu command:

If there are no system troubles, the keypad will display:

```
There are no system troubles.
Press ▲▼ OK or MENU
```

Refer to the Trouble Messages table for a complete list of trouble events and their meanings.

The System Trouble Menu displays all current system troubles in a list format. Some trouble events require you to drill down to fully interpret while others such as an unsealed zone can be interpreted at the top level. “Table 8: Control Panel Trouble Messages” on page 37 lists the various trouble conditions that may be displayed and their meanings.

Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [7] + [0] + [1].

The keypad will display a list of all current system and non system trouble conditions.

To determine the system trouble condition, highlight the panel number (P001 to P002) that you want to view using the [↑] and [↓] keys, then press [OK] to select.

```
System Trbl
Zn1 Zone 1 Name
Op3 Output Trouble
Press ▲▼ OK or MENU
```

To determine the non system (zone) trouble condition, highlight the zone number Zn1 to Z016) that you want to view using the [↑] and [↓] keys, then press [OK] to select.

```
System Trbl
Zn1 Zone 1 Name
Zn2 Zone 2 Name
Press ▲▼ OK or MENU
```

2. If viewing system trouble conditions, the keypad will display similar to the following:

```
Panel 1
Solution 6000 Ver 2.00
Date And Time
Press OK or MENU
```

The third line of the keypad display scrolls between all current system trouble events.
<table>
<thead>
<tr>
<th>Trouble Condition</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Missing</td>
<td>The system has detected that the AC mains supply has failed or is disconnected on the control panel. If there is not a general power outage in your area then you should contact your security company.</td>
</tr>
<tr>
<td>AC Missing</td>
<td>The system has detected that the AC mains supply has failed or is disconnected on a power supply module. If there is not a general power outage in your area then you should contact your security company.</td>
</tr>
<tr>
<td>Battery Low</td>
<td>The backup battery has failed the periodic test which the system performs on a regular basis. You should contact your security company as the battery may need replacing.</td>
</tr>
<tr>
<td>Battery Missing</td>
<td>The system has detected that its backup battery has been disconnected.</td>
</tr>
<tr>
<td>Low Battery</td>
<td>The system has detected that an RF sensor has a low battery condition. You should contact your security company as the battery may need replacing.</td>
</tr>
<tr>
<td>Box Tamper</td>
<td>The system has detected that the tamper circuit on a power supply module is faulted.</td>
</tr>
<tr>
<td>Temperature Alert</td>
<td>The system has detected that the keypad temperature has exceeded the global temperature high and/or temperature low settings.</td>
</tr>
<tr>
<td>Receiver Missing</td>
<td>The system has detected that the RF receiver is disconnected.</td>
</tr>
<tr>
<td>Case Tamper</td>
<td>The system has detected that the tamper circuit on the RF receiver is faulted.</td>
</tr>
<tr>
<td>Receiver Jam</td>
<td>The system has registered a jamming fault from the RF receiver. This situation may prevent certain parts of your system from working correctly. You should contact your security company.</td>
</tr>
<tr>
<td>Comms Fail Route 1</td>
<td>The system has failed to send reports to the primary report contact. You should contact your security company.</td>
</tr>
<tr>
<td>Comms Fail Route 2</td>
<td>The system has failed to send reports to the secondary report contact. You should contact your security company.</td>
</tr>
<tr>
<td>Sensor Watch Alert</td>
<td>The control panel has detected a zone has failed to detect a change of state within the sensor watch period set by the installer.</td>
</tr>
<tr>
<td>Comms BUSS Trble</td>
<td>The system has failed to communicate to a system device (e.g. keypad etc).</td>
</tr>
<tr>
<td>Default PIN Trble</td>
<td>The system has detected that either the Installer PIN or User 1 PIN has not been changed from the factory default codes. These codes should be changed immediately to prevent a security risk.</td>
</tr>
<tr>
<td>Date &amp; Time</td>
<td>The system date and time needs to be set.</td>
</tr>
<tr>
<td>Cabinet Tamper</td>
<td>The system has detected that someone has tampered with its metal enclosure or that it has been forced open. Inspect and contact your security company if necessary.</td>
</tr>
<tr>
<td>Connection Trouble</td>
<td>The system has detected that an output device (e.g. external siren) has failed or has been disconnected from the system.</td>
</tr>
<tr>
<td>Overload Condition</td>
<td>The system has detected that an output has an over current condition.</td>
</tr>
<tr>
<td>Zone Was In Alarm</td>
<td>A zone was previously in alarm and requires alarm memory reset to clear. Turn the area on and then off again to clear alarm memory.</td>
</tr>
<tr>
<td>Telco Line Fail</td>
<td>The system has detected that its telephone line has been disconnected for a minimum of 30 seconds.</td>
</tr>
<tr>
<td>LAN+ Overload</td>
<td>The system has detected that the current load has exceeded the maximum LAN rating. You should contact your security company.</td>
</tr>
<tr>
<td>COMM+ Overload</td>
<td>The system has detected that the current load has exceeded it’s maximum COMM+ rating. You should contact your security company.</td>
</tr>
<tr>
<td>ACC+ Overload</td>
<td>The system has detected that the current load has exceeded it’s maximum ACCS+ rating. You should contact your security company.</td>
</tr>
<tr>
<td>Service Required</td>
<td>The system displays this trouble condition to remind you that a service call is due.</td>
</tr>
<tr>
<td>Memory Checksum</td>
<td>The system has detected an error with its internal memory. You should contact your security company.</td>
</tr>
<tr>
<td>Phone Line In Use</td>
<td>The system is using the phone line.</td>
</tr>
<tr>
<td>Battery Trouble</td>
<td>The system has detected that the Real Time Clock Module backup battery voltage is low or missing</td>
</tr>
</tbody>
</table>

**Table 8: Control Panel Trouble Messages**
System > Commands >

History Log  MENU  7-0-2

This menu allows you to review the last 1000 recorded history events on your system. The information for each event may be displayed over a number of pages or screens depending on the actual event recorded.

When you enter this menu the system will show you the most recent event first. Once the log reaches the maximum event capacity each new event will replace the oldest event in the log in a first in, first out fashion.

To move from one log event to the next use the [↑] and [↓] keys or if you know the event number you are looking for simply enter the number followed by the [OK] key and the system will display that event.

A left [◄] and right [►] arrow may be displayed at the end of the first line on each log screen. These indicate that the history log contains more than one page for the current event. To view these pages use the [◄] and [►] keys.

To review the History Log enter programming mode (PIN + MENU) then,

1. Press [MENU] + [7] + [0] + [2].

The keypad will display the most recent event stored in the history log.

To review the History Log enter programming mode (PIN + MENU) then,

2. Use the [↑] and [↓] keys scroll between history events and use the [◄] and [►] keys to view the pages within the event.


Some other examples of event in the history log are as follows:

1)  

E001 Mon,01Apr 02:00:00
Manual Test Report
Panel 1

E001 Dest= SL-----L
Dest 1 at 01-Apr 02:00:03

2)  

E405 Sun,01Apr 06:41:45
Burglary Zone Bypassed
Area 1 Name
Zn3 Zone 3 Name

E405 Dest= SLL------
Url1 User 1 Name
Panel 1
Dest 1 at 01-Apr 06:41:57

The Dest= field displays the various reporting route information for up to eight different reporting destinations. Your installer will have configured these during installation. The following letters will be displayed in the eight destination locations indicating the status of the report. The log will also show the actual time a report was sent.

Dest =
S = Sent
L = Logged
P = Pending
F = Failed
A = Aborted

System > Commands >

TimeZone Array  MENU  7-0-6

This menu allows you to view the true/false status of all 16 timezones at the same time. The timezone status will be continuously updated on the display so that real time status can be seen. The top two rows of the display show the timezone number, the third row displays the timezone status.

T = TimeZone is True
F = TimeZone is False
- = Not Used

Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [7] + [0] + [6].

The keypad will display the status of all 16 timezones.

0000000001111111
1234567890123456
TTTT----FFFF----
Press ▲▼ OK or MENU

In the example above,
T = TimeZones 01 to 05 are true.
F = TimeZones 09 to 12 are false.
- = TimeZones 06 to 08 and TimeZones 13 to 16 are disabled or not used.

**System > Clock >**

**Set Date And Time**  

Menu 7-1-0

This menu allows you to program and or adjust the date and time stored in the control panel. The date is entered in 24Hr format.

Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [7] + [1] + [0].

The keypad will display the current date and time.

<table>
<thead>
<tr>
<th>Set Date And Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-Jan-2012 20:37</td>
</tr>
<tr>
<td>Press ▶◀▲▼ OK to SAVE</td>
</tr>
</tbody>
</table>

2. Use the [↑] and [↓] keys to program the month, day, year, hour, and minute. Use [←] and [→] keys to scroll cursor left and right to between the month, day, year, hour, and minute.


**System > Siren >**

**Volume**  

Menu 7-4-2

This menu allows you to program the volume level of the arm / disarm beeps which are heard from the siren when the system is armed and disarmed using a radio keyfob.

1. Press [MENU] + [7] + [4] + [2].

The keypad will display the current siren volume (default = 15).

<table>
<thead>
<tr>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
</tr>
<tr>
<td>Press 0-9 OK to SAVE</td>
</tr>
</tbody>
</table>

2. Using the numeric keys, enter the new volume level. Valid entries are 0 to 15 where 15 = the loudest volume and 0 = no speaker beeps.


**System > TimeZones >**

**Name**  

Menu 7-5-0

This menu allows you to program 20 characters of text for each timezone name.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [7] + [5] + [0].

A list of timezones will display on the keypad.

**System > TimeZones >**

**Time**  

Menu 7-5-1

This menu allows you to program the start time and stop time of each timezone in 24Hr format HH:MM:SS. Up to 4 different periods are available for each timezone.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [7] + [6] + [2].

A list of timezones will display on the keypad.
2. Use the [↑] and [↓] keys to select the timezone that you want to change, then press [OK] to select. Alternatively, you can enter the timezone number, then press [OK].

The keypad will display the following:

```
Period 1
Period 2
Period 3
Press ▲▼ OK or MENU
```

3. Use the [↑] and [↓] keys to select the period in the timezone that you want to change, then press [OK] to select.

The keypad will display the following:

```
Period 1
Period 2
Period 3
Press ▲▼ OK or MENU
```

4. Press [↑] to [8] to enable/disable the days of the week that the timezone will operate.
5. Press [OK] to save and exit, or press [MENU] to exit without saving.

```
System > TimeZones >
TimeZone Options
MENU 7-5-3
```

This menu allows the master user to select various timezone options if required.
Enter programming mode (PIN + MENU) then,
1. Enter [7] + [5] + [3] + [OK].
2. Select the timezone to edit from the list and press [OK].
3. Select the period to edit from the list and press [OK].
The keypad will display the list of current options. Options with a preceeding tick mark are selected.

```
Press ▲▼ OK ON OFF MENU
```

4. Use the [↑] and [↓] keys to highlight the feature that you want to program, then use the [ON] and [OFF] keys to turn on and off the features as required.
5. When all options are programmed, press [OK] to save and exit, or press [MENU] to exit without saving.

```
System > Holidays >
Name
MENU 7-6-0
```

This menu allows you to program 20 characters for the holiday name. Up to 8 holidays can be programmed and each holiday can span multiple days.
Enter programming mode (PIN + MENU) then,
1. Enter [MENU] + [7] + [6] + [0].
A list of holiday names will display on the keypad.
2. Use the [↑] and [↓] keys to select the name that you want to change, then press [OK] to select. Alternatively, you can enter the holiday number, then press [OK].
The keypad will display the following:

```
Period 1
Period 2
Period 3
Press ▲▼ OK or MENU
```

3. Use the [↑] and [↓] keys to select the period in the timezone that you want to change, then press [OK] to select.
The keypad will display the following:

```
Press ▲▼ OK to SAVE
```

3. To program the holiday name, use the [←] and [→]
keys to scroll the cursor left and right across the user name text. Use the [↑] and [↓] keys to scroll through the different characters available. To clear all text from the cursor position to the right, press the [OFF] key.


System > Holidays >

Start / Stop Day

This menu allows you to program the start date and the stop date of each holiday period.

Enter programming mode (PIN + MENU) then,

1. Enter [MENU] + [7] + [6] + [1].
   A list of holiday names will display on the keypad.
2. Use the [↑] and [↓] keys to select the holiday that you want to change, then press [OK] to select. Alternatively, you can enter the holiday number, then press [OK].

The keypad will display the holiday start date:

<table>
<thead>
<tr>
<th>Holiday Dates H1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Start 12am</td>
<td>Stop 12am</td>
</tr>
<tr>
<td>01 Jan</td>
<td>01 Jan</td>
</tr>
</tbody>
</table>

3. Use the [←] and [→] keys to scroll the cursor left and right between the holiday day and month. Use the [↑] and [↓] keys to scroll the day and month.


System > System Options >

Keypad Hi/Lo Temp

The keypad Hi/Lo temperature option allows you to program the minimum (0 °C) and maximum (50 °C) temperatures the keypad will monitor (tolerance = +/- 2 °C).

If the temperature falls below the minimum temperature, the keypad will display ‘Low Temp xx°’. If the temperature increases above the maximum temperature, the keypad will display ‘High temp xx°’. (xx = programmed temperature to be monitored).

Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [7] + [7] + [3].
   The keypad will display the current temperature settings.

<table>
<thead>
<tr>
<th>Keypad Hi/Lo Temp</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>High Temp</td>
<td>Low Temp</td>
</tr>
<tr>
<td>000</td>
<td>000</td>
</tr>
</tbody>
</table>

2. Use the [↑] and [↓] keys to program the ‘High’ and ‘Low’ temperatures. To toggle between the ‘High’ and ‘Low’ temperature, use the [←] and [→] keys (Range = 0 °C to 50 °C).


System > System Testing >

Site Name

This menu allows the master user to program or modify the site name. The site name can be used to name the entire system rather than relying on area names alone. Eg. Site name could be “Acme Plumbing”. When the email reporting option has been enabled the site name will be sent as the message subject line to help identify which system has reported to the receiving party.

A maximum of 32 characters of text can be entered in this field. Use the [←] and [→] keys to scroll the cursor left and right to view the entire name. The default site name is “MyAlarm”.

1. Enter your Master PIN + [MENU].
2. Enter [7] + [7] + [7].
   The keypad will display the current Site Name.

<table>
<thead>
<tr>
<th>Site Name</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MyAlarm</td>
<td></td>
</tr>
</tbody>
</table>

3. Using the numeric keys, enter the description of the control panel’s site name. You can change a single character by scrolling the cursor left [←] and right [→].

   At any time you can use the [↑] and [↓] keys to scroll through the complete list of available characters.

   To clear all text from the cursor position to the right, press the [OFF] key.

4. When the site name is complete, press [OK] to save and exit, or press [MENU] to exit without saving.

System > System Testing >

Walk Test All Zones

This menu allows you to test all zones within an area at the same time.

Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [7] + [9] + [0].
   If the system has more than 1 area then the keypad will display a list of areas that are available to walk test zones.

2. Use the [↑] and [↓] keys to select the area that you want to do walk test, then press [OK] to select. Alternatively, you can enter the area number, then press [OK].
The keypad will scroll all zones that you can test.

To test zone Zn1
open then close
Zone 1 Name
Press OK or MENU

To test zone Zn2
open then close
Zone 1 Name
Press OK or MENU

2. Press [OK] to exit.

3. Open and close each zone that needs to be tested. A zone that has been successfully tested will no longer scroll on the keypad display.

When all zones have been tested, the keypad will display:

All zones have been successfully tested
Press OK or MENU


System > System Testing >

Battery Test

This menu allows you to manually test the systems back up battery. The system will automatically test the battery every four hours and every time the system is armed.

The battery test can take up to two minutes to complete and the keypad will display the voltage of the battery during the test.

Enter programming mode (PIN + MENU) then,

1. Press [MENU] + [7] + [9] + [1].

The keypad will display current voltage whilst under test:

Battery test in progress.
Please wait..
Voltage = 13.4V
To Go Back Press OK

If the battery has passed the test, the keypad will display:

Battery Test Passed
Press OK To Continue
To Go Back Press OK

If the battery has failed the test, the keypad will display:
### Installation Details

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSTALLED BY:</td>
<td></td>
</tr>
<tr>
<td>DATE:</td>
<td></td>
</tr>
<tr>
<td>PHONE:</td>
<td></td>
</tr>
<tr>
<td>FAX:</td>
<td></td>
</tr>
<tr>
<td>EMAIL:</td>
<td></td>
</tr>
<tr>
<td>SERVICE:</td>
<td></td>
</tr>
<tr>
<td>PHONE:</td>
<td></td>
</tr>
<tr>
<td>FAX:</td>
<td></td>
</tr>
<tr>
<td>EMAIL:</td>
<td></td>
</tr>
<tr>
<td>MONITORED BY:</td>
<td></td>
</tr>
<tr>
<td>PHONE:</td>
<td></td>
</tr>
<tr>
<td>FAX:</td>
<td></td>
</tr>
<tr>
<td>EMAIL:</td>
<td></td>
</tr>
<tr>
<td>WARRANTY EXPIRES:</td>
<td></td>
</tr>
<tr>
<td>NOTES:</td>
<td></td>
</tr>
</tbody>
</table>
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