


# homelink<sup>75</sup> WIRE-FREE SECURITY SYSTEM



## user guide

# Contents

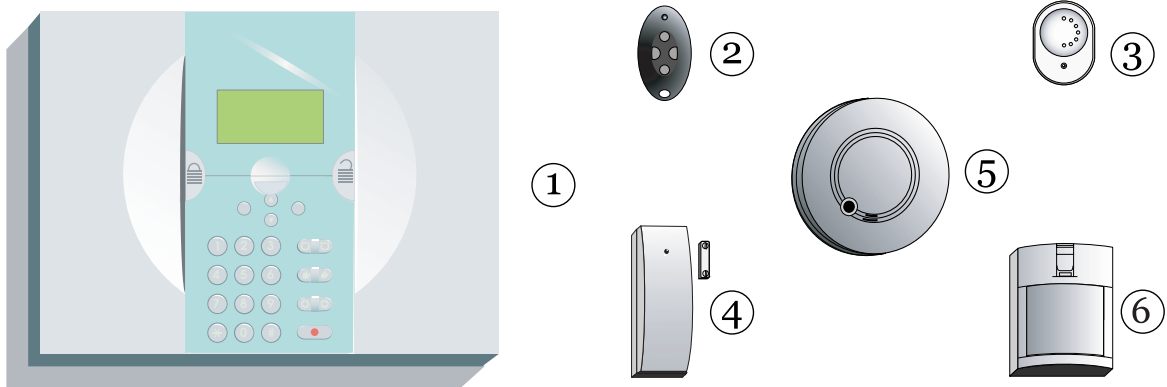
<b>Introduction</b> .....	<b>3</b>
Controls and Displays .....	4
Key Functions: .....	5
Access to the System.....	5
Special Icons Used on the Display .....	6
<b>Setting</b> .....	<b>7</b>
Full Setting (Using Access Code or Tag) .....	7
Quick Set .....	8
Setting Partitions.....	9
Setting with Forced Omit.....	10
Setting With a Telecommand .....	11
<b>Unsetting</b> .....	<b>12</b>
Full Unset (with Access Code or Tag) .....	12
What does  Mean? .....	12
Quick Unset.....	12
Unsetting Partitions: .....	13
Unsetting With a Telecommand.....	13
<b>Alarms</b> .....	<b>14</b>
Types of Alarm.....	14
Silencing an Alarm.....	15
Social Care Alarms .....	16
Inactivity Alarms .....	16
<b>Special Functions - User Menu</b> .....	<b>17</b>
Entering the User Menu,.....	18
Voice Memo .....	19
Recording a Voice Memo .....	19
Deleting a Voice Memo.....	20
Omit Zones .....	20
User Codes .....	21
Adding Users .....	21
Editing Existing Users .....	28
Deleting Users .....	28
View Log .....	29
Facilities On/Off .....	30
Test.....	31
System Configuration .....	33
Set Date and Time.....	33
Outputs.....	33
Re-Programming Telecommands for Users.....	34
Starting a Call To Downloader.....	36
Summer/Winter Time.....	36
Message Volume .....	37
Installer Access.....	37
About Comms .....	37
Follow Me .....	38
Outputs.....	38
Telephone Call .....	39
List of Menu Options .....	40
<b>Glossary of Terms</b> .....	<b>41</b>

## **Introduction**

The 7500r is the control unit for a wireless intruder alarm system that also provides several additional features for domestic use. These include social alarm monitoring, inactivity alarm monitoring, direct communication to mobile telephones and voice messaging.

Fitted within a plastic enclosure are a keypad, graphic display, high output siren, power supply and stand-by batteries. Supplementing these features, and also fitted as standard, are an integral speech dialler and modem communicator supporting all major alarm formats, a proximity tag reader, speech recording and playback facilities, user voice prompts and a microphone providing remote listen-in capabilities.

Several wireless peripherals are available for operation with the control panel. These include a door contact/universal transmitter, a passive infra red detector, smoke detector, 4 button telecommand, single button panic button and various output modules. The panel supports 32 wireless alarm zones, 2 hardwired zones, 32 wireless outputs, 2 hardwired relay outputs, 16 four button telecommands, 16 panic buttons and 50 users.



1. Control Unit
2. Four button telecommand
3. Single button panic button

4. Door Contact/Universal Transmitter
5. Smoke Detector
6. Passive Infra Red

Figure 1. 7500r and Peripherals

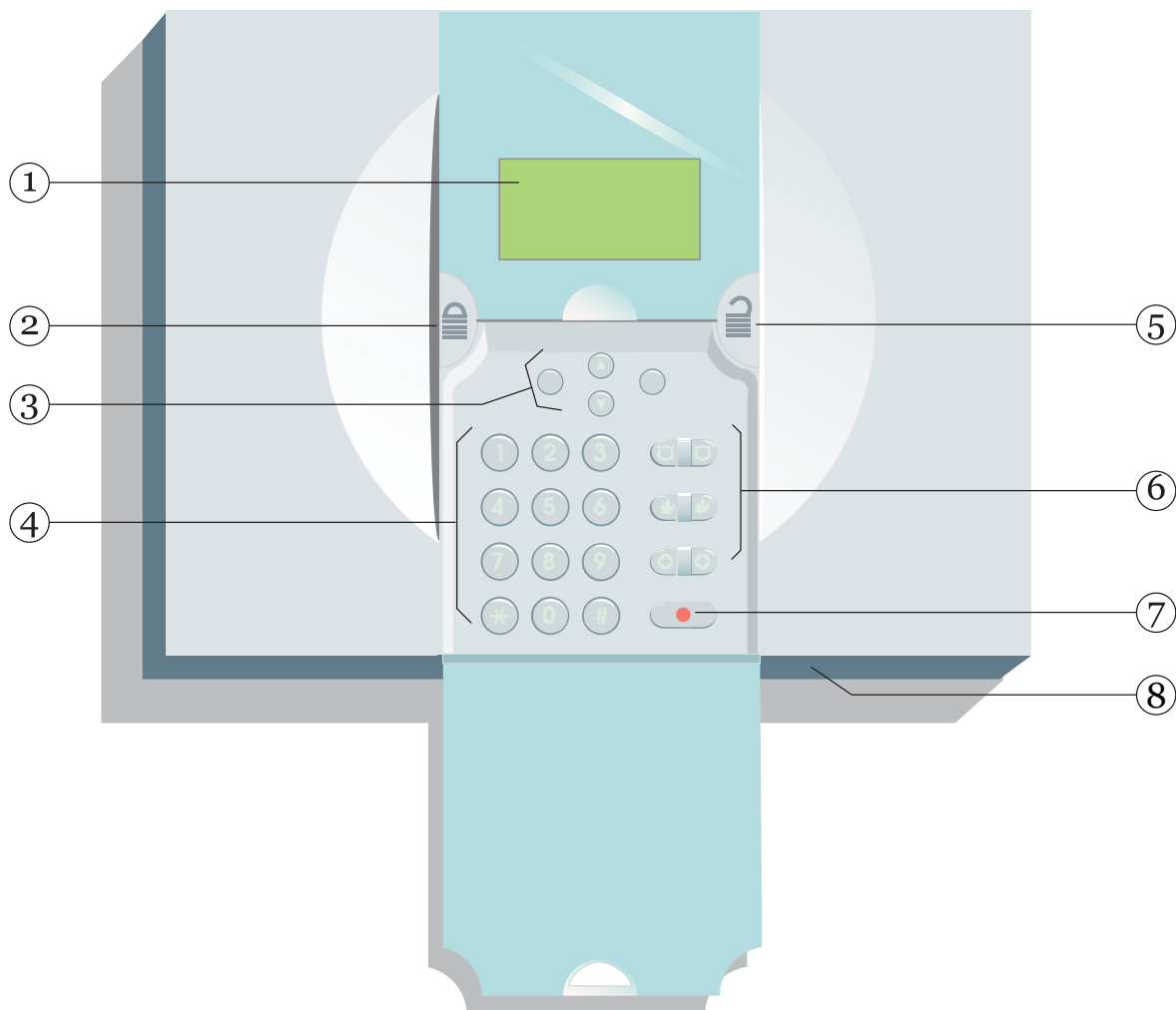
## Introduction

Optional devices include a plug on ISDN communicator, a plug-on GSM/SMS communicator and a PC based Downloader programme for remote configuration, fault analysis and servicing.

This manual shows the simple procedures required to operate the control unit.

## **Controls and Displays**

Figure 2 shows the controls and displays available on the control unit.



- |   |                           |
|---|---------------------------|
| 1. LCD display (monochrome, 128x64 pixels). | 5. Unset key.             |
| 2. Set key.                                 | 6. Emergency keys.        |
| 3. Navigation keys.                         | 7. Social care alarm key. |
| 4. Numeric keypad.                          | 8. Microphone.            |

Figure 2. Controls and Displays

**Key Functions:**

- ☰ Full sets the system.
  - ☰ Unsets the system.
  - ▲ Scroll up.
  - ▼ Scroll down.
  - (no markings) These keys are called "soft keys". The function of these keys depends on the guiding text shown on the bottom line of the display above the keys.  
In the instructions on the following pages a name shown in capitals, for example SELECT or DONE, means the soft key under the same word appearing in the bottom line of the display.
  - 1 to 0, \*, # Used when keying in user codes and telephone numbers.
  - # When keying in text for names (see page ) press # to change between capitals or small letters. The top right corner of the display shows "ABC" for capitals and "abc" for small letters.
  - ⦿ Press to start a social care alarm.
- To operate the following keys press both at the same time:
- 🔥 To start a Fire alarm.
  - 🛡️ To start a PA alarm.
  - ✚ To start a Medical alarm.

**Access to the System**

To operate the system the user must identify themselves, by either entering a four digit code on the keypad or presenting a proximity tag to the top left corner of the case.

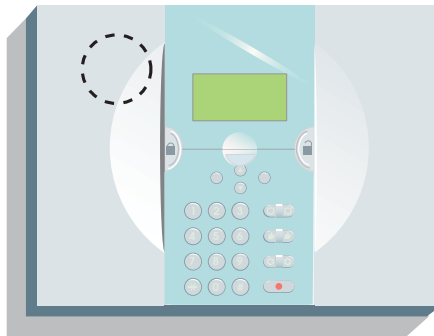


Figure 3. Proximity Tag Sensor.

## Introduction

Code and tag act as unique identifiers for users, and may be used interchangeably at any time.

When delivered from the factory the control unit recognises just one user, and this user has Administrator privileges (see page 18). This user's default access code is "1234", and they do not have any tag or other device registered to their account.

Cooper Security Limited recommend that you change the default access code as soon as possible (see page 28).

### **Special Icons Used on the Display**







The display shows messages and prompts to help guide you through setting, unsetting and programming the system.

When the system is idle (either while set or unset) the display shows the "standby screen", comprising the time and date:



The word "Menu" on the bottom left indicates that if you press the left hand soft key then you can gain access to the User Menu (see page 17).

To draw your attention to special events the standby screen may also display the following icons:

-  A voice memo is waiting (see page 12 and 19).
-  The social care activity monitor is working (see pages 14 and 30).
-  The control unit has some information for you to look at (see page 15).
-  A partition is set.
-  A partition is unset.
-  A partition is part set.

## Setting

### Full Setting (Using Access Code or Tag)

Make sure the system is idle. Secure all your windows and doors.

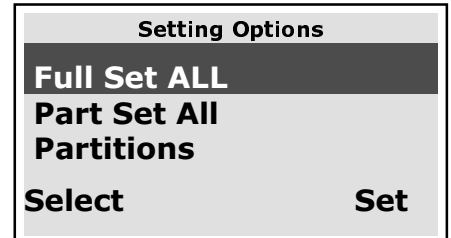
1. EITHER: Key in your access code.

OR Present a proximity tag to the keypad.

The display shows the Settings Options menu:

Press SET.

The display shows how many seconds remain for you to leave.

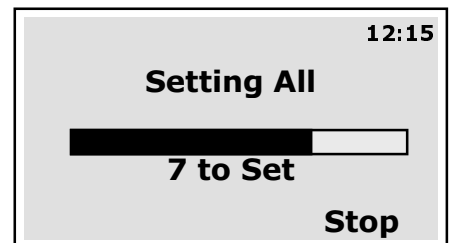


2. Leave by the exit door and make sure it is closed properly.

At the end of the exit time the display shows the message "System Set" for a few seconds.

Note: The control unit sets all the partitions you have access to, not necessarily the complete system.

While the system is set the display shows the standby screen.



#### *Notes:*

*If you decide you want to stop setting then press STOP.*

*If your system is full set, then you cannot go directly to part set. You must unset the system first.*

*If your system is part set, then you cannot go directly to full set. You must unset the system first.*

## **Quick Set**

Quick Setting does not require the use of an access code or tag. (The Installer must enable this facility during installation.)

Make sure the system is idle. Secure all your windows and doors.

1. Press **⏏** .

The display shows how much time you have left to leave.

2. Leave by the exit door and make sure it is closed properly.

At the end of the exit time the display shows the message "System Set" for a few seconds.

While the system is set the display shows the standby screen.

*Note:*

*If you decide you want to stop setting then press STOP.*

## **Part Set**

When programming your system, the installer can mark some of the zones "Part Set". If, when setting the system, you select the Part Set All option shown on the previous page then the control unit sets the zones selected by the installer, and none of the others. This feature is designed so that you can protect, for example, the perimeter of your house while you remain inside it. Ask your installer for details.



## **Setting Partitions**

The installer may have created several "partitions" in your system. You may set and unset each partition independently of all the others. First, secure all windows and doors in the partition that you wish to set.

1. Key in your access code.

The display shows the Settings Options menu.

2. Select Partitions.

The display shows a list of the partitions, with symbols indicating their status: U for unset, S for set, and P for part set. Note: The control unit shows the partitions you have access to, not necessarily the complete system.

Partition	
<b>1. Partition 01</b>	<b>U</b>
<b>2. Partition 02</b>	<b>U</b>
<b>3. Partition 03</b>	<b>U</b>
<b>4. Partition 04</b>	<b>U</b>
<b>Change</b>	<b>Done</b>

3. Press ▲ or ▼ to highlight the partition you wish to set.

4. Press CHANGE.

5. The display shows the letters "U>S" or "U>P" at the end of the highlighted partition.

Partition	
<b>1. Partition 01</b>	<b>U&gt;S</b>
<b>2. Partition 02</b>	<b>U</b>
<b>3. Partition 03</b>	<b>U</b>
<b>4. Partition 04</b>	<b>U</b>
<b>Change</b>	<b>Done</b>

6. Press DONE.

The display shows how much time remains for you to leave.

At the end of the exit time the display shows the message "System Set" for a few seconds.

While the system is set the display shows the standby screen.

### **Notes:**

*If you decide you want to stop setting then press STOP.*

*If a partition is full set, then you cannot go directly to part set. You must unset the partition first.*

*If your partition is part set, then you cannot go directly to full set. You must unset the partition first.*

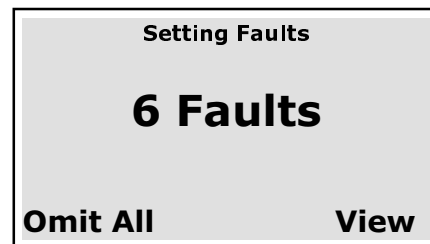
## **Setting with Forced Omit**

There may be times when you wish to set the system, even though one or more of the detectors are not working correctly. To do this you make the system "omit" those zones. You can omit zones either while you are setting the system (see below) or beforehand (see page 20 for instructions on how to omit zones before setting the system).

Secure all windows and doors in the partition that you wish to set.

1. Follow the instructions on pages 7 or 9 to set the whole system or a partition.

If any detectors are not yet ready to be set (other than Final Exit or Entry Route) then the display shows the number of affected zones.



2. EITHER Press OMIT ALL.  
OR Press VIEW to see the first items in the list of faulty zones.

3. EITHER Press STOP.  
The display returns to the standby screen.



- OR Press OMIT ALL to omit the zones.  
The system sets with the faulty zones omitted.

### **Note:**

*You can stop the setting process by either pressing STOP or by pressing  $\equiv$ .*

## **Setting With a Telecommand**

*Note: You must program the control unit to recognise ("learn") a telecommand, see page 25.*

Make sure the system is idle.

Secure all your windows and doors.

1. Press the appropriate button on the telecommand (either full set or partition set, see page 25).

The display shows how much time you have left to leave.

2. Leave by the exit door and make sure it is closed properly.

At the end of the exit time the display shows the message "System Set" for a few seconds.

While the system is set the display shows the standby screen.

# Unsetting

## Full Unset (with Access Code or Tag)

1. Enter by the designated entry door.

The control unit starts the entry tone.

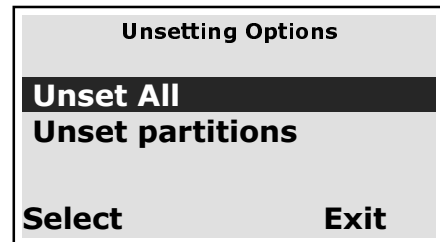
2. EITHER Key in your access code.

OR Present a prox tag to the keypad.

The display shows:


3. Press SELECT.

The system unsets all those Partitions that you have access to.



The system displays the standby screen.

## What does Mean?

If you see a  icon in the top left hand side of the display when you unset, then there is a voice memo waiting. The display will ask if you wish to play the memo. Follow the prompts on the display.

## Quick Unset

1. Enter by the designated entry door.

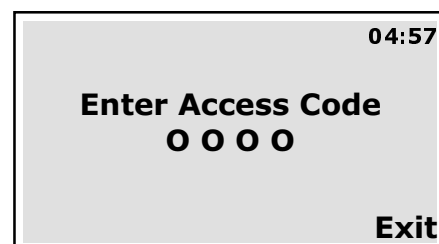
The control unit starts the entry tone.

2. Press  .

The display shows:

3. Key in your access code.

The system unsets all those Partitions that you have access to.



The system displays the standby screen.

**Unsetting Partitions:**

1. Enter by the designated entry door.

The control unit starts the entry tone.

2. EITHER Key in your access code.

OR Present a prox tag to the keypad.

The display shows:

3. Select Unset Partitions.

The display shows a list of the partitions, with symbols indicating their status: U for unset, S for set, and P for part set. Note: The control unit shows the partitions you have access to, not necessarily the complete system.

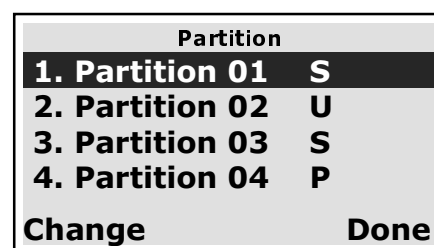
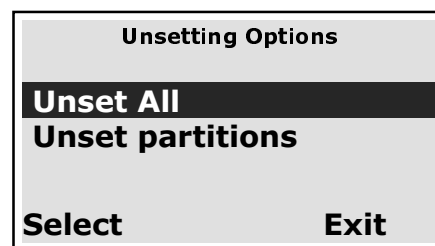
4. Press ▲ or ▼ to highlight the partition you wish to unset.

5. Press CHANGE.

The display shows the letters "S>U" or "P>U" at the end of the highlighted partition.

6. Press DONE.

The system unsets the selected Partitions and displays the standby screen.

**Unsetting With a Telecommand**



1. Enter by the designated entry door.
2. Press the appropriate button on your telecommand.

The system unsets. At this point the system displays the standby screen.

## Alarms

### Types of Alarm


The 7500r normally raises an alarm when it receives an alarm signal from one of its detectors. In addition, you can start some types of alarm from the keypad. The table below shows the different kinds of alarms the 7500r can raise.


<b>Type of Alarm</b>	<b>Signal (see note)</b>	<b>Started by:</b>
Intruder	Loud warbling tone from siren.	Normal alarm or entry route zone activated when system is set. 24 hour zone activated at any time.
Fire	Repeated "Dee Dah" from siren.	Fire zone activated at any time. 🔥 pressed on keypad.
Panic	Loud warbling tone from siren	PA zone or Panic Alarm transmitter activated at any time. 🛡️ Pressed on keypad.
Medical	No audible tone. (see note)	⚕️ pressed on keypad.
Social Care Or Activity Alarm	Loud interrupted tone from siren and the  key glows red.	Normal alarm zone with Inactivity attribute, activated during monitoring time. Social Care pendant activated at any time.  Pressed on keypad
Technical	Loud warbling tone from siren.	Technical alarm zone activated at any time.

Note: As well as any audible signal, the installer can program the 7500r to send electronic messages over the telephone network. These messages can go to an Alarm Receiving Centre, or to a person nominated to monitor alarm calls. The electronic messages can take the form of special codes, SMS

text messages, or pre-recorded voice messages. Ask your installer for more details.

### **Silencing an Alarm**

In an alarm the 7500r gives a tone from the siren (except for medical alarms) and shows a small "Alert" icon (  ) at the bottom left of the display. The siren runs for a limited time set by the installer (a maximum 20 minutes for intruder and PA alarms).

If you return to system after the siren has stopped then the  icon at the bottom right of the display tells you that an alarm has occurred. Press the right hand softkey to see information about the alarm. Press OK to restore the display to normal.

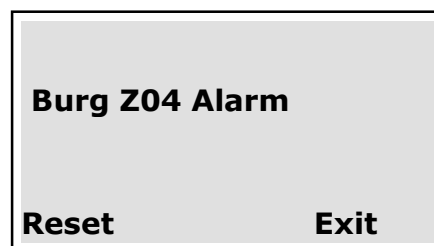
If you return to the system while the siren is running you can silence the siren as follows:

1. Key in your access code.

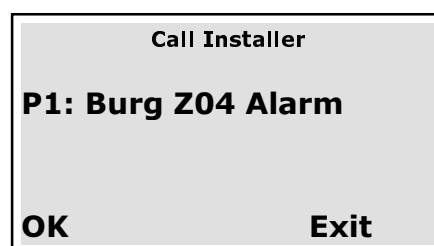
The siren stops and the screen shows the first zone to cause the alarm, for example:.

2. Press RESET.

The display returns to normal.



The installer may have programmed your system so that you cannot reset. The screen will still tell you where the alarm occurred, but it will also show a message asking you to call the installer.




Press OK to clear the message and the display returns to normal. Call your installer and tell them that an alarm has occurred. You may still set and unset the system while waiting for the installer to arrive.

If you wish to see any other zones that were triggered during the alarm, look in the log (see page 29).

## **Social Care Alarms**

When someone presses the Social Alarm button on the keypad, presses a button on a Social Care transmitter or starts an Inactivity Alarm, then the control unit:

1. Starts a loud interrupted tone from the siren and makes the  button glow red.
2. Starts a guard timer.

During the guard time you can cancel the alarm by keying in an access code twice. The light in the button goes out and the control unit returns to standby.

If you do not key in an access code twice within the guard time then the control unit carries on to signal the alarm over the telephone network, as programmed by the installer.

## **Inactivity Alarms**

The installer can select a detector in your system to act as an "Inactivity Detector". This means that during a selected part of the day, if nothing activates the detector within a given period then the control unit will start a Social Care alarm (described above). If someone triggers the Inactivity Detector during the guard time while the siren is running then the control unit will cancel the alarm. Otherwise, the control unit will signal the alarm over the telephone network, as programmed by the installer.



## **Special Functions - User Menu**

The User Menu lets you control many of the functions provided by the 7500r. The menu is divided up into several main options as follows:

<b>Option:</b>	<b>Function:</b>
Voice Memo	Record, play and delete voice memos.
Omit Zones	Temporarily omit zones (for example, if they are not responding or need repair).
User Codes	Add, edit and delete users. This is also the option to employ for assigning or deleting telecommands, Panic Alarms, Pendants and proximity tags to users.
View Log	View a record of the setting and unsetting of the system, and any alarms that have occurred.
Facilities On/Off	Switch on or off the Chime, voice prompts or activity monitoring.
Test	Test all the detectors of the system, including identifying who owns telecommands, panic alarms, pendants or tags.
System Config	Set the control unit's internal clock and calendar, reprogram (some) outputs, program telecommand buttons, call the Downloader, change over between winter and summer time, adjust the voice prompt and voice memo volume, control access by the installer, and find out what communication option you have fitted.
Follow Me	Change the phone number the panel calls for some messages.
Outputs	Switch individual outputs on or off.
Telephone Call	Make limited calls to automated answering services, for example to register a SIM card (if you have the GSM communicator fitted) and check it's credit.

## Special Functions

Access to the User Menu depends on what type of user you are: Administrator or Normal User.

An Administrator has access to all the options of the User Menu.

A Normal User:

Can change their own password.

**Cannot** add or delete other users.

**Cannot** use the System Config option

### **Entering the User Menu,**

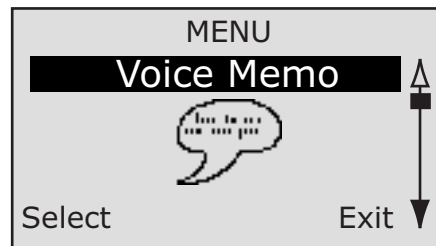
1. Make sure the display shows the standby screen.

2. Press MENU.

3. Key in an Administrator access code.



The display shows the first item in a list of options. The slider bar on the right of the screen indicates how far down the list you are. (See page 40 for a complete list of options.)




4. Press ▲ or ▼ to scroll through the list of options available, followed by SELECT to gain access to an option.

5. Press EXIT to leave an option when you have finished making changes.

6. Press EXIT again to leave User Menu.

See the rest of this guide for a description of each function.

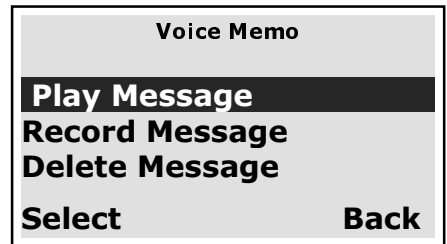
## **Voice Memo**

You can leave a short voice message on the system. Any user can play back the message, either when they unseat the system or by entering User Menu – Voice Memo – Play Message. The standby screen shows a small icon (  ) to indicate that a message is waiting (see page 6).

### **Recording a Voice Memo**

1. Enter the User Menu and select Voice Memo.

The display shows a short menu: (you will see “Record Message” by itself if there is no message already recorded).



2. Select Record Message and start speaking.

As you talk a progress bar shows how much time you have left.

Press DONE to finish recording.

3. Select Play Message to hear the message.

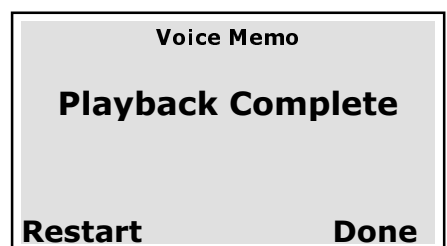
Press ▲ or ▼ to increase or decrease the volume.)

Press CANCEL to stop playing the message.

At the end of the message the display shows “Playback Complete”.

4. EITHER press RESTART to play the message again.  
OR press DONE to return to the Voice Memo menu.

When you press DONE the display asks if you wish to save the recording.



5. Press OK to save the message.

## **Deleting a Voice Memo**

Select User Menu – Voice Memo – Delete Message to delete a stored voice memo.

## **Omit Zones**

You may wish to prevent a zone causing an alarm. For example, if you have a fire door that is normally closed and protected by a detector you may wish to leave it open for fresh air or to move goods in and out. To do this the control unit allows you to "Omit" a zone.

The control unit allows you to omit a zone for one setting/unsetting cycle. You will have to omit the zone again for the next setting/unsetting cycle.

1. Enter the User Menu and select Omit Zones.

The display shows the first of a list of zones.

2. Press ▲ or ▼ to highlight the zone you wish to omit.
3. Press CHANGE to mark the zone for omission.

The character at the end of the line changes to an "O" to show that the zone will be omitted.

If you change your mind then press CHANGE until the end of the line shows an "I".

4. Repeat steps 2 and 3 for any other zone you wish to omit (or include).
5. Press DONE to store the changes you have made.

OMIT ZONES	
1. Entry door	I
2. Hallway	I
<b>3. Front room</b>	<b>I</b>
4. Back door	I
<b>Change</b>	<b>Done</b>

## **User Codes**

The control unit can recognise up to 50 individual users. Select User Codes in the User Menu to add new users, change their details, or delete them from the system.

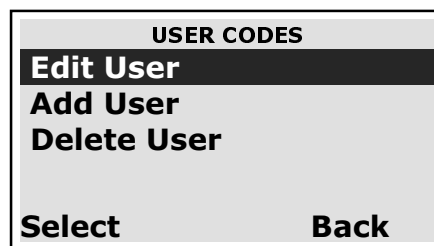
### **Adding Users**

To add a new user:

1. Enter the User Menu and select User Codes.

The display shows the options for the User Codes menu.

2. Select Add User.



The display shows the current name given to the user, and places a cursor at the end of the name.

3. Press DELETE to remove letters to the left of the cursor. (See Note.) Key in the new name from the keypad. Press each key one or more times to obtain the letter you want (see Figure 4, the letters of the alphabet appear on the keys in the same arrangement as on many mobile phones.)

▲ moves the cursor left, ▼ moves the cursor to the right.

Press # to change between capitals and small letters.

4. Press OK when finished.

Note: If you keep pressing DELETE until the whole name is gone, and then press DELETE once more the control unit assumes you do not wish to add a new user.

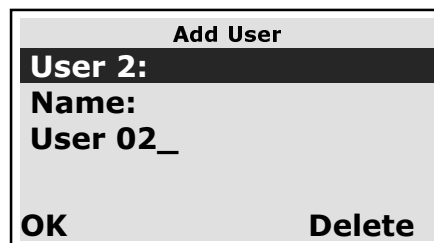
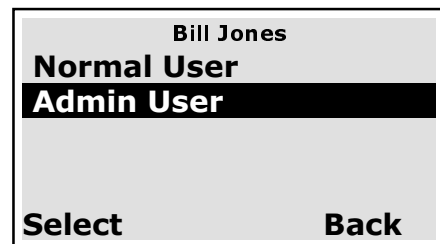




Figure 4. Letters Assigned to Keys

### User Types

When you complete the user name, the display shows which user types are available. The highlighted line shows which type is currently assigned to the user.



6. Highlight the user type you wish to give the user and press SELECT.

See page 18 for a brief explanation of Administrator and Normal User.

## Partitions

Once you have selected the user type, the display shows a list of partitions that you can assign to the user.

YES at the end of the line means that the user can set and unset that partition.

(In your system the installer may have given each partition its own name.)

7. Press ▲ or ▼ to highlight a partition and then press CHANGE to assign the user to or remove them from the partition.
8. Press OK when you have assigned the user to all the partitions they need.

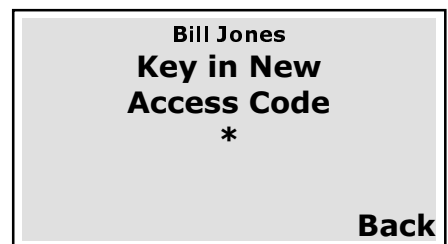
Bill Jones	
<b>Partition 1</b>	<b>YES</b>
<b>Partition 2</b>	<b>YES</b>
<b>Partition 3</b>	<b>YES</b>
<b>Partition 4</b>	<b>YES</b>
<b>Change</b>	<b>Done</b>

## Access Code

After assigning users to one or more partitions, the display requests you to assign an access code to the user.

9. Key in an access code for the user.

When you press the last digit of the access code the display asks you to key in the same access code again. Make sure that you key in the same digits in the same order.



## Proximity Tags

A proximity tag is a small plastic token with a low powered radio transmitter inside. Each tag contains a unique identity code. Inside the control unit, at the top left corner of the case, is a sensor. When you present the tag within about 10mm of the front of the case, at the top left corner, the control unit senses the presence of the tag and reads its identity code.

If a user presents a tag that the control unit recognises then the control unit allows the user to access the system in the same way as if they had keyed in a recognised access code.

When you have finished giving the new user an access code, the control unit then gives you the opportunity of registering an proximity tag for the same user.



10. Present a tag to the top left corner of the case.

The control unit learns the identity of the tag, and the display asks you to register a telecommand (see below).

You cannot register more than one tag per user. If you present a tag that the control unit has already registered to another user then you will hear a single low tone and the display will remain asking you to present the tag.

If you do not wish to register a tag for the user then press "NO TAG"



## Telecommands

A telecommand is a small remote control that you can attach to a keyring. The telecommand has four buttons and a small light that glows when the telecommand transmits a signal. When delivered from the factory three of the buttons are dedicated to setting or unsetting the system (see Figure 5).

1. Button 1 (Full Set).
2. Button 2 (Part Set).
3. Button 3 (Not programmed).
4. Button 4 (Unset).
5. Transmit LED.

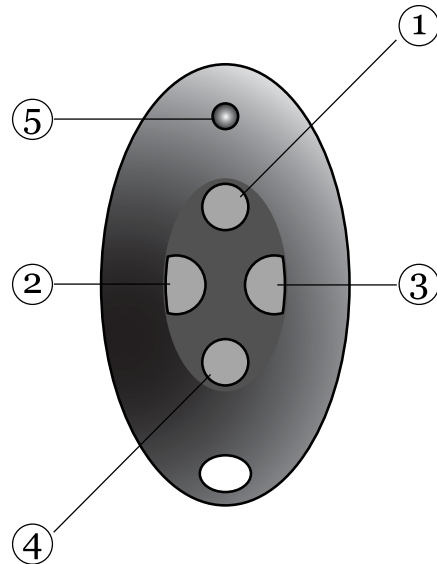


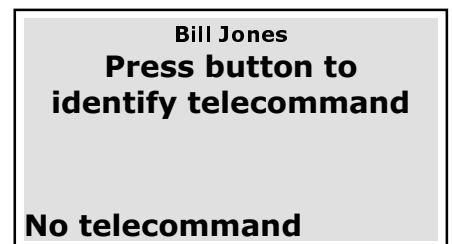
Figure 5. Telecommand Buttons.

You can program Button 3 to switch outputs on or off. (If you wish, you can program any of the buttons to any function, see page 34.)

When adding a new user you may register one telecommand to that user. If you wish to register more telecommands to a user employ the Users - Edit User option.

After asking if you wish to add a tag, the control unit gives you the opportunity to register a telecommand for the user.

11. Press any button on the telecommand that you wish to register.



## Special Functions

- When you press the button the control unit learns the identity of the telecommand and registers it to the user. (The display then asks if you wish to register a pendant.)

If you do not wish to register a telecommand press "NO TELECOMMAND".

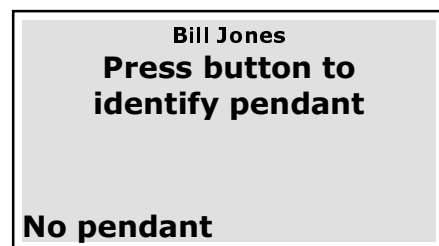
You cannot register more than one telecommand to a user. If the control unit has already learned that telecommand then you will hear a low tone and the display tells you that the telecommand is already in use.

### **Pendants**

A pendant is a single button telecommand, used as a social care alarm button.

After asking if you wish to learn a telecommand, the control unit gives you the opportunity to register a pendant.

*Note: While you are registering a new pendant the control unit will not respond to an alarm signal from any pendant or panic alarm (PA) it has already learned.*



12. Press the button on the pendant.

When you press the button on the pendant the control unit learns the identity of the pendant and registers it to the user. The display changes to ask you if you wish to register a PA (Panic Alarm, see below).

If you do not wish to register a pendant press "NO PENDANT".

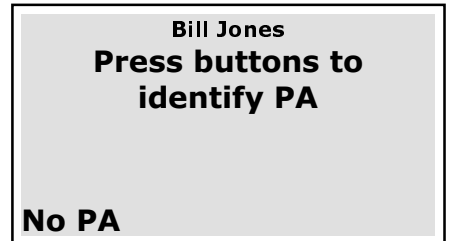
You cannot register more than one pendant to a user. If the control unit has already learned that pendant then you will hear a low tone and the display remains unchanged, asking you to press a button on the pendant.

## PA (Panic Alarms)

A PA is a two button telecommand, used to start a Panic Alarm. To activate the transmitter you must press both buttons at the same time. A third button acts as a lock so that you can prevent the PA going off when carrying it in your pocket.

After asking if you wish to learn a pendant, the control unit gives you the opportunity to register a PA.

*Note: While you are registering a new PA the control unit will not respond to an alarm signal from any pendant or PA it has already learned.*



### 13. Squeeze both buttons on the PA.

When you squeeze the buttons the control unit learns the identity of the PA and registers it to the user.

If you do not wish to register a pendant press "NO PA".

You cannot register more than one PA per user. If the control unit has already learned that PA then you will hear a low tone and the display remains unchanged, asking you to press the buttons on the PA.

## **Editing Existing Users**

If you wish to change the details for an existing user then:

1. Enter the User Menu and select Users - Edit User

The display shows a list of the users already programmed into the control unit, one user per screenfull.

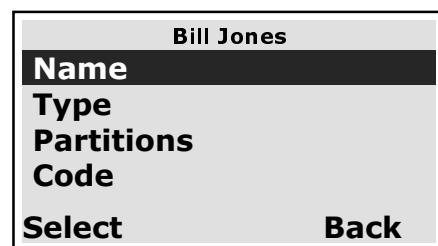
2. Press ▲ or ▼ to display the user you wish to edit, and then press Select.

The display shows a list of the options that you can edit. Use the ▲ or ▼ keys to see more options.

3. Select the option you wish to edit.

The options available are the same as those shown when adding a user.

3. Press DONE when you have finished.



Note that you can delete tags, telecommands, pendants and PAs from each user. If you wish to reprogram the function of telecommand buttons see page 34.

## **Deleting Users**

To remove a user from the system:

1. Enter the User Menu and select Users - Delete User.

The display shows a list of the users.

3. Press ▲ or ▼ until the display highlights the user you want to delete.

4. Press DELETE and then OK.

Once you delete a user, the system does not respond to their access code or to their proximity tag. In addition, the control unit "forgets" the identity of all telecommands and pendants and PAs registered to the user.

## **View Log**


The control unit keeps a log of the last 250 events (for example, alarms and setting/unsetting). You can read the log when the system is completely unset.

1. Enter the MENU and select View Log.  
The display shows you the most recent log event.
2. Press ▲ or ▼ to scroll through the log.  
▼ shows earlier events.  
▲ shows more recent events.
3. Press EXPANDED to see details of the time and date.
4. Press Back when you have finished reading the Log.

## **Facilities On/Off**

You can switch the following facilities on or off:

When you switch The control unit:  
on:

Chime	Gives a tone whenever something triggers a zone programmed with the Chime attribute.
Voice Prompts	Uses a pre-recorded voice message to announce the setting and unsetting stages of the system
Activity Monitor	Monitors zones that the installer has programmed as Activity Monitor zones. If nothing triggers these zones for a specified number of hours then the control unit raises an alarm. While Activity Monitoring is on the display shows a small  icon in the top left corner.

To switch these one of these facilities on or off:

1. Enter the User Menu and select Facilities On/Off.
2. Select the facility you want to switch on or off.
3. Press CHANGE until the word ON or OFF appears at the end of the line.
4. Press DONE.

## **Test**

If you think that part of the system is not working correctly then you can use the Test option to test various peripherals. If the test confirms that part of the system is not working then contact your installer.

The Test option also lets you check the identity of Telecommands, Pendants and Tags.

To start testing, make sure the system is idle then:

1. Enter the User Menu and select Test.

The display shows the Test menu.

2. Select the part of the system that you wish to test.

You can test each part listed in the Test menu as follows:

Siren	Press On/Off to turn the siren on and off again. The word "On" or "Off" at the top right of the display shows whether you should be hearing the siren.
Loudspeaker	Press On/Off to play a test message from the loudspeaker. The word "Playing" appears at the top right of the display when you should be hearing the message.
Keypad	Press each key once. The display shows a character in response. Press both dual keys together to test. Press OK to end the test.)
Walk test	The display shows a list of all the detectors installed on the system. Walk round and trigger each detector. Every time you trigger a detector the control unit gives a double tone and the display shows an "A" at the end of the line for that detector.  Note that you cannot test 24 hour or fire zones.

## *Special Functions*

- Outputs**            The display shows a list of the outputs installed on the system. Select the output you wish to test. Press DONE to finish the test.
- NOTE: Make sure no one tries to activate the radio output module using a telecommand or pendant when you perform the test.
- When you complete the test check that the output is still in the state you wish it to be in.
- Telecommands**    Press any button on the telecommand. The display shows the identity and user of the telecommand, and the button that the control unit believes you pressed. Press all the buttons on the telecommand in turn.
- Pendants**            Press the button on the pendant. The display shows the identity and user assigned to the pendant.
- Panic Alarms**      Press both buttons on the panic alarm transmitter. The display shows the identity of the user assigned to the panic alarm.
- Tag**                  Present the tag to the top left hand corner of the front of the control unit. The display shows the user assigned to the tag.



## **System Configuration**

The System Configuration option allows you to set up parts of the system to suit your particular needs. If you need more extensive changes to the operation of the system then you can select Menu - Call to Downloader to connect your control unit to an installer's PC. Downloader software on the PC provides more extensive programming facilities.

Make sure the system is idle.

1. Enter the User Menu and select System Config.

The display shows the System Configuration menu.

2. Select the item you wish to configure.

## **Set Date and Time**

When setting the date use ▲ or ▼ to adjust the day number. Press NEXT to highlight the month. Again, use ▲ or ▼ to adjust the month number. Press NEXT to select the year and use ▲ or ▼ to adjust the year number. Press NEXT to move on to setting the time.

When setting the time use ▲ or ▼ to adjust the hours. Press NEXT to highlight the minutes and use ▲ or ▼ to adjust the minutes. Press OK to store the new setting.

## **Outputs**

The 7500r can control several radio output modules, each of them capable of switching an attached electrical device on or off on command.

The control unit operates a radio output module by broadcasting a message every time it wants the module to react. Each message contains the identity of the control unit, a channel number, and an instruction to either "Activate", "Deactivate" or "Toggle". Every radio output module in range hears the broadcast. To make sure that only selected modules respond the installer makes them learn the identity of the control unit, and which channel number they are supposed to respond to.

During programming the installer may allocate some outputs some so that they can be reprogrammed by an Administrator. The following section describes how the Administrator can use those outputs.

## **Programming an Output Channel**

If you wish to program an output that an installer has allocated for use by an Administrator:

1. In the User Menu select System Config - Outputs - Edit Output.  
The display shows the Edit Output menu, with a list of the outputs.
2. Select the output Channel you wish to edit  
The display shows a menu that allows you to change the name of the selected output, and to set an "On" and "Off" time for the output.
3. Select Name to give the output a meaningful name. The keypad allows you to enter letters as shown in Figure 4.  
The name you give the output appears in all the other menus the display offers for controlling outputs.
4. Select "On Time" to set a time when the control unit will switch the output on. Select "Off Time" to set a time when the control unit will switch the output off. If you do not wish the output to switch on and off at set time then leave these two options set to "00:00".

*Note: You can switch the output on and off from the User Menu by selecting Outputs On/Off (see page 38).  
If you want to program a telecommand to control the output, see page 34.*

## **Re-Programming Telecommands for Users**

The System Config - Telecommands option allows you to re-program buttons on a telecommand.

1. Enter the User Menu and select System Config - Telecommands - Edit.
2. Press the button you want to reprogram on the telecommand.

*Note: If you do not have the telecommand press "NO TELECOMMAND".  
The display presents a list of the registered telecommands and their users. Select the telecommand*

*you want to edit. Press ▲ or ▼ to select the button you wish to re-program.*

Once you have selected the button you wish to re-program the display gives you the option of re-programming the button to either set/unset some part of the system, or to operate one of the outputs. Select the option you wish to use from the display.

### **Deleting Telecommands**

If a user has lost a telecommand you should delete it from the system to make sure that no unauthorised person can use it to gain access. Also, if you wish to reassign a device to another user, you must first delete it from the system.

1. Enter the User Menu and select System Config.
2. Select Telecommand – Delete.

The display shows a message asking you to identify the telecommand you wish to delete.

2. Press a button on the device that you wish to delete.

*Note: If you do not have the device press "NO TELECOMMAND".*

*The display shows a list of the registered devices. Select the device you wish to delete.*

The display shows the details of the device you have selected.

3. Press YES to confirm that you wish to delete the device.

The control unit will let you delete all telecommands in one operation. Think carefully before you use this feature.

1. Enter the User Menu and select System Config - Telecommand - Delete All.

the display asks you for confirmation.

2. Press Yes.

The control unit "forgets" all telecommands that were registered to it.

To register telecommands with users once again enter the User Menu and select Users - Edit User.

## **Starting a Call To Downloader**

Your Installer may be using a personal computer connected to the telephone network in order to program your alarm system. The software the Installer uses to program your alarm system is called <Downloader>.

There may be times when your Installer asks you to make your alarm system start a telephone call out to the Installer's <Downloader>. Your alarm system is programmed to call two different telephone numbers. You do not have to know these numbers, your Installer will tell you to select one of them.

To start the call:

1. Enter the User Menu and select System Config - Call Downloader.

The display shows the Call to Downloader menu.

2. Select Telephone Number 1, or 2 as instructed by your installer.

The control unit calls the installer's computer on the telephone number you selected.

Your system may be connected to Downloader for several minutes.

When Downloader has finished and the connection is broken the display shows the time and date.

## **Summer/Winter Time**

The 7500r can alter its internal clock to allow for the change over to or from daylight saving time in spring and autumn. However, if you live in a region where the change over does not take place at the customary time (last weekend of March or last weekend of October) then you can change the time yourself.

1. Enter the User Menu and select System Config – Summer/Winter Time.

The display shows the Summer/Winter Time menu.

2. Either: Select "Automatic" to allow the 7500r to change between Summer and Winter time on its own.  
Or: Select "Manual" to change the time at a date of your own choosing.

If you select manual you must change to Summer or Winter time using System Config – Set Time menu.

### **Message Volume**

If you have voice prompts switched on (see page 30), then you may wish to adjust their volume.

1. Enter the User Menu and select System Config – Message Volume.

The display shows “Message Volume – Set Volume”

2. Press ▲ to make voice prompts louder, or ▼ to make them quieter. Every time you press one of those keys the 7500r plays a beep to demonstrate its new volume.
3. Press Done to accept the volume you have selected.

### **Installer Access**

You may wish to ensure that an installer or maintainer cannot gain access to program your system unless a user is present. To do this:

1. Enter the User Menu and select System Config – Installer Access.

The display shows “User code to prog” with either the letter Y or N at the end of the line.

2. Press CHANGE to change Y to N or N to Y.

A “Y” means that after the installer/maintainer enters their access code, the system asks for a user access code before allowing access to the Installer Menu.

A “N” means that the installer/maintainer can enter the Installer Menu by simply keying in their own code.

3. Press Done to confirm your choice.

### **About Comms**

If you wish to check what type of telecommunication line your control unit has, enter the User Menu and select System Config – About Comms.

The display shows “PSTN” if your control unit is connected to a land line, “GSM” if you have a GSM module, or “ISDN” if your control unit is connected to an ISDN line.

## *Special Functions*

If your 7500r has a GSM module fitted, the screen displays the IMEI number, the signal strength, network provider and GSM telephone number. (Note that some mobile phone service providers withhold the GSM number from the display.)

### **Follow Me**

Your alarm system can be programmed to call one or more telephone numbers to report alarms. However, you may intend to stay at another address and would like alarm calls diverted to a telephone at that address. The control unit allows you to enter one telephone number that it will use temporarily for reporting alarms.

1. Enter the User Menu and select Follow Me.  
The display shows the current "Follow Me" telephone number.
2. Key in the new "Follow Me" telephone number and press OK.

### **Outputs**

You can operate radio output modules from the keypad, as well as by using a telecommand. To operate an output:

1. Enter the User Menu and select Outputs.  
The display shows a list of outputs.
2. Use the ▲ or ▼ keys to select the output you want to operate and then press CHANGE.  
The selected output shows the word ON or OFF at the end of its line
3. Press DONE.  
The display returns to the list of outputs, and the control unit sends a signal to the radio output module to operate the appropriate output.

## **Telephone Call**

If your 7500r is connected to a telecommunications line, then you can start and end a telephone call from the keypad. However, depending on the type of line connected to your 7500r, you may not have complete two way speech. If you are connected to:

- PSTN** You can dial out and listen to the remote end, and also send DTMF tones from the 7500r keypad. You can use this service for choosing options from an automated answering service, or to control equipment at the far end of the line. If you attempt two way speech the person at the far end of the line may find it difficult to hear you well.
- ISDN** You can dial out and have a complete two way speech with a person at the far end. You can also send DTMF tones from the keypad.
- GSM** You can dial out and listen to the remote end, and also send DTMF tones from the 7500r keypad. This type of line should work with an automated answering service, such as those used by many mobile phone providers to register SIM cards and check their credit level. If you attempt two way speech then a person at the far end of the line may find it difficult to hear you well.

To start a telephone call:

1. Enter the User Menu and select Telephone Call.
2. Key in the telephone number you wish to dial and then press OK.

The control unit makes the telephone call. When the called party answers you will be able to hear them. If the called party is operating an automatic answering service, you can press the number keys on the control unit keypad to generate tones to control the answering service.

## **List of Menu Options**

<b>Option:</b>	<b>See page</b>	<b>Option:</b>	<b>See page</b>
<b>Voice Memo</b>	<b>19</b>	<b>System Config</b>	<b>33</b>
Play	19	Set Date & Time	33
Record	19	Ouputs	33
Delete	20	Edit	
<b>Omit Zones</b>	<b>20</b>	Telecommands	34
<b>User Codes</b>	<b>23</b>	Edit	34
Edit User	28	Delete	35
(for each user:)		Delete All	35
Name	21	Call Downloader	36
Type	22	Summer/Winter Time	36
Partitions	23	Message Volume	37
Code	21	Installer Access	37
Tag	24	About Comms	37
Telecommands	25	<b>Follow Me</b>	<b>38</b>
Pendants	25	<b>Outputs</b>	<b>38</b>
PA	27	<b>Telephone Call</b>	<b>39</b>
Add User	21		
Delete User	28		
<b>View Log</b>	<b>29</b>		
<b>Facilities On/Off</b>	<b>30</b>		
Chime	30		
Voice prompts	30		
Activity monitor	30		
<b>Test</b>	<b>31</b>		
Siren	31		
Loudspeaker	31		
Keypad	31		
Walk test	31		
Outputs	32		
Telecommands	32		
Pendants	32		
Panic Alarms	32		
Tags	32		



## **Glossary of Terms**

Access Code	A four digit, private code, used to set, unset and program the system.
Communication Device	An optional unit fitted within the control unit and connected to your alarm company central station.
Walk Test	A routine test of all alarm detectors and warning devices.
Chime (optional)	Opening a zone programmed as Chime causes the internal speaker to emit a warning tone (programmed by the installer).
Entry Time Entry Timer	A preset time delay to allow the user to reach the control unit and unset the system. The timer within the control unit that measures this time.
Exit/Entry Door	A door selected by the installer to be the exit and entry for are protected by your alarm system. The door will be guarded by a detector that signals the control unit when to start the entry time and when to complete the exit process.
Entry Route	A detector on the route from the Entry/Exit door to the control unit. The control unit will ignore an Entry Route detector if the Entry Timer is running.
Exit Time Exit Timer	A preset time delay to allow the user time to leave the premises after setting. The timer within the control unit that measures this time.
Event Log	The system memory which stores a record of alarm events.
Final Door	The last door closed by the user on exit.

## *Glossary of Terms*

GSM	Groupe Special Mobile. The generic name for the mobile phone service used throughout Europe.
Instant Set	A system function (programmed by the installer) which over-rides the exit time when the user is remaining on the premises with the system Part Set.
ISDN	Integrated Services Digital Network. A type of telephone connection using a landline that also offers data transmission.
Medical Alarm	A silent alarm that sends an electronic message to a pre-programmed destination (programmed by the installer).
Omit	Intentionally setting the system with alarm zone(s) not included.
PA	(Panic Alarm). Emergency buttons used to set off an alarm. Will result in instantaneous transmission of alarm signal if remote signalling is fitted.
Part Set	To set only part of the alarm system.
Partition	A group of detectors designated by the installer as belonging together. All detectors in the group become active when a user sets the partition.
Proximity Tag	A small radio device with no buttons (or battery). The control unit can detect its presence when a user holds the tag next to the top left hand corner of the case.
Reset	Acknowledge an Alert and make sure the alarm system is ready for setting again.
Set	To arm the system or a partition.

SMS	Short Message Service. The generic name for text messaging over the mobile phone network.
Standby	The control unit may be set or unset, but a user is not actively programming or operating the system.
Technical	A type of detector that is armed whether the system is set or unset. This detector type is often used to guard things like freezers or other machinery that you wish to be warned about if they malfunction.
Tag	See "Proximity Tag".
Telecommand	A small radio transmitter with one or more buttons that can be used to remotely control the system.
Unset	To disarm the system a partition.
Zone	A holding slot within the control unit's memory for a detector.
24Hr Zone	A detector which has been programmed to be armed continuously whether the system is set or not.

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Note:

The 7500r control unit complies with EN50131 Environmental Class I (Tested -10°C to +55°C) and Security Grade II.