

MANAGER'S MANUAL

95

85

65

HARDWIRED CONTROL PANELS

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Introduction

About your Alarm System

Your intruder alarm comprises several components, such as keypads and sensors, linked to a control unit, which is concealed from view but accessible for maintenance. There are three versions of the control unit: the 95EN, 85EN and the 65EN. The 95EN can have up to eight partitions, while the 85EN and 65EN can have up to four partitions. Ask your alarm company which one you have.

About this Manual

This manual describes the functions available from the user menu. The manual is intended for those people responsible for carrying out tasks such as adding new user codes, viewing the log and omitting zones from the setting procedure. Note that some of the procedures described on pages 30 to 34 are slightly different for the three control units.

Other Manuals

Please refer to the *User's Guide* for details of how to set, unset and reset your alarm system.

The *Engineering Manual* (available only to installation engineers) describes how to set up the system.

Making Changes

To ensure problem-free operation, discuss the system with your alarm company before making significant changes. It is good practice to maintain a paper record of how the system is set up, using the record sheets at the back of this manual.


Accessing the User Menu

```
BANNER TEXT
17:30 Sun 01 JAN
```

```
Set Partition?
Ptns > ***.....
```

```
User Menu
1: Omit Zones
```

To access the user menu:








1. Enter your user code or present your proximity tag.
2. Press .

The first option, Omit Zones, is displayed.


 Access to options depends on user type (page 23).

Selecting Options

You can select options in two ways:

1. Press  and  until the required option is displayed, then .
2. Press a numeric "hot" key ( to )
e.g. press  to display Omit Zones, then  to select the option.

Exiting from the User Menus

To return the system to its normal operating state, press  to step back through the menus until the time and date are displayed.

Four / Six digit User Codes

Normally the system accepts user codes that are four digits long. For added security the installer may have programmed the system accept six digit user codes¹.

When first installed the default user code for the system manager is 1234 (123400 if using six digit codes). Please remember to change this user code to something more secure as soon as possible.

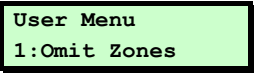
¹ Option 47 in Engineer menu.

Options in the User Menu

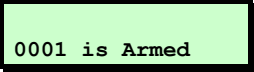
Option 1: Omitting Zones

Sometimes you may need to omit zones when you set your system, e.g. if a zone is to remain occupied while the rest of the system is set. This option enables you to select which zones to omit.

- ➔ When the system is unset, any selections made here are cleared. This prevents zones from being omitted inadvertently.
- ➔ You can omit only zones that have been set up as omissible (Engineer option 11).



User Menu
1:Omit Zones



0001 is Armed



0002 is Armed

1. Press ENT to select **Omit Zones**.
2. Select the zone to omit by using ↑ or ↓, or by entering the four-digit zone number. Refer to page 36 for details of zone numbering.
3. Press ↵ to change the omit status of the zone ("Omitted" indicates that the zone will be omitted).
4. Press ENT to view the next zone, or ESC to exit.

Option **[2]**: Shunting 24hr Zones

This option enables you to shunt (disable) all 24 Hour zones in selected partitions that have been set up as shuntable in Engineer option 11. Shunting disables a zone and the shuntable attribute identifies whether this is permissible.

- Zones remain shunted until you use the Reinststate 24hr option (see below).
- Reinstating zones may start the exit timer, depending on whether Unshunt, No Exit or Unshunt & Exit is selected (Engineer option 45).

```
User Menu
2:Shunt 24hr Zns
```

```
1=Shunt 24Hr
2=Reinststate 24hr
```

```
Shunt partitions
Ptns > 1*.....
```

1. Press **[ENT]** to select **Shunt 24hr Zns**.
2. Press **[1]** to shunt zones or **[2]** to reinststate zones that have been previously shunted.
3. Use the numeric keys to select the partitions to shunt/reinststate, then press **[ENT]**. Any partition numbers shown will be shunted/reinstated. (A “*” indicates that the partition will not be shunted/reinstated, and “.” indicates that you have no access to the partition.)

Option **3**: Setting System Options

Option **3-1**: Enabling Chimes

This option enables you to select which of your partitions (if any) use the chime feature. In a partition with this feature enabled, zones that have a Chime Tone attribute (Engineer option 11) and are in a selected partition will generate a chime tone when activated. The partitions then remain chime-enabled until you deselect them with this option.

A zone may generate a single, double or triple chime, depending on the Chime Tone attribute selected in Engineer option 11.

The chime occurs only at keypads and extension loudspeakers assigned to the same partition(s) as the zone.

When a chime occurs, keypads display the zone number if configured by the Chime Visible setting in Engineer option 45-08.

```
User Menu
3: System Options
```

```
System Options 1
Enable Chime
```

```
Chime On Prtns:
Ptns > 1*.....
```

1. Press **ENT** to select **System Options**.
2. Press **ENT** to select **Enable Chime**.
3. Use the numeric keys to select the partitions you want to have chime enabled, then press **ENT**. Any partition numbers shown will be chime enabled. (A “*” indicates that the partition will not be chime enabled, and “.” indicates that you have no access to the partition.)

Option [3]-[2]: Setting the Speaker Volume

```
User Menu
3:System Options
```

```
System Options 2
Adjust Volume
```

```
Adjust Volume
>>>>>> (MAX)
```

This option enables you to adjust the volume level of the extension loudspeaker connected to the control unit.

1. Press **[ENT]** to select this option.
2. Use **[↑]** or **[↓]**, or press **[2]** to select **Adjust Volume**, then press **[ENT]**.
3. Press **[↑]** and **[↓]**, or enter a value (0 to 7), to adjust the volume, from 'Off' up to maximum.
4. Press **[ENT]** to accept the displayed value or **[ESC]** to exit without change.

Option [3]-[3]: Setting Up Time Switches

This option enables you to define up to three time switches, which can be used to switch outputs of the alarm system on or off at selected times. The outputs may, for example, control internal or external lighting or other electrical equipment.

You can define each time switch to have up to three pairs of switch on/off times. You can also choose the days of the week that each of these operate.

The outputs controlled by the time switches are specified in Engineer option 30.

```
User Menu
3:System Options
```

```
System Options 3
Time Switches
```

1. Press **[ENT]** to select **System Options**.
2. Use **[↑]** or **[↓]**, or press **[3]** to select **Time Switches**, then press **[ENT]**.

```
Time Switch 1
```

```
Time Switch 1  
On (1) 00:00
```

- Use **↑** or **↓**, or press a hot key (e.g. **4**) to select the time switch to edit, then press **ENT**.
- Use **↑** or **↓**, or press a hot key (**1** to **9**) to select the on/off time or days of operation to edit, then press **ENT**.

Each time switch has three pairs of switch on/off times. For each of these, you will notice that there is an option to specify the on time, one to specify the off time and another to specify the days of operation.

You can manually override a time switch by pressing **0, then pressing **↻** to toggle its current status.**

```
Time Switch 1  
On (1) >00:00
```

- You will see a screen similar to the one shown opposite if you have chosen to edit an on/off time. The number in brackets indicates whether it is in the first, second or third pair of on/off times.

Enter the time in 24-hour format, (e.g. **2100** for 9:00pm), then press **ENT**. Continue from step 4 or press **ESC** to exit.

```
1 Operates On :-  
> .....
```

- You will see a screen similar to the one shown opposite if you have chosen to edit the days of operation. The number in the top-left corner indicates whether it is associated with the first, second or third pair of on/off times.

Press **1** to **7** to toggle days on/off, then press **ENT**. Continue from step 4 or press **ESC** to exit.

Option **3-**4**: Setting Up Auto-Set Timers**

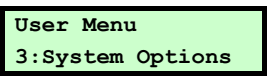
Use this option to make the control unit set or unset selected partitions at specified times. The control unit has three auto-set timers. You can allocate each timer to one or more partitions, which the control unit sets and unsets at the times you chose.

For each auto-set timer you can specify up to three events. Each event comprises a switch on (set) time, an off (unset) time, and a day of the week.

When a timer reaches the “on” time for an event the control unit operates the keypad sounders for one minute and then sets the allocated partition(s). Note that the control unit will not set any partition where there is an active detector.

During the one minute warning a user can defer setting for a short period by entering their user code¹.

When a timer reaches an “off” time, the control unit unsets the allocated partition(s).



1. Press **ENT** to select this option.

¹ Engineer menu 44 option 16 specifies the length of the defer time.

```
System Options 4
Auto Sets
```

```
Auto Set      1
```

```
Auto Set      1
On (1)       00:00
```

```
Auto Set      1
On (1)       >00:00
```

- Use **↑** or **↓**, or press **[4]** to select **Auto Sets**, then press **[ENT]**.
- Use **↑** or **↓**, or press a hot key (**[1]** to **[3]**) to select the auto-set timer to edit, then press **[ENT]**. (The display shows the timer number at the top right.)

Each auto-set timer has three events. The display shows the event number in brackets on the bottom left. For each event, you can specify the on (set) time, the off (unset) time and the days of operation.

- To select the on/off time or days of operation to edit,

EITHER

Use **↑** or **↓** then press **[ENT]**.

OR

Press a hot key (**[1]** to **[9]**) then press **[ENT]**.

The table below shows the hot keys for each item:

Event	1	2	3
ON	[1]	[2]	[3]
OFF	[4]	[5]	[6]
Days	[7]	[8]	[9]

- When editing times, enter the time in 24-hour format, (e.g. **[2][1][0][0]** for 9:00pm), then press **[ENT]**.

```
1 Operates On :-  
> .....
```

When editing the days press **[1]** to **[7]** to toggle days on/off, then press **[ENT]**.

On the days screen the event number is in the top-left corner. (Note that day 1=Sunday.)

```
Auto Set      1  
Ptns > **
```

6. Repeat steps 4 and 5 for each event you wish to program.

7. To allocate partitions to the auto-set timer press **[↵]**.

Use the numeric keys to select the partitions then press **[ENT]**. The control unit allocates any partition numbers shown on the bottom line to the auto-set timer shown on the top line. (A “*” indicates that the partition will not be allocated, and “.” Indicates that you have no access to the partition.)

8. Repeat steps 3 to 7 for all the auto-set timers you wish to edit, or press **[ESC]** to exit.

👉 You can stop or restart an auto-set timer at any time, whether the timer has set the system or not.

a) Enter User Menu **[3]**-**[4]**.

b) Select the auto-set timer you wish to stop.

c) Press **[0]**, then **[↵]** to toggle the timer’s current status.

If the timer has set a partition, then when you toggle the timer off, the control unit will unset that partition.

Option **4**: Testing the System

Option **4-1**: Performing a Walk Test

This option enables you to check that zones are operating correctly. You can test only those partitions that you have access to.

Each zone tested is added (once) to the event log, which you can review using User option 9-1 (page 31).

```
User Menu
4:Test Options
```

```
Test Options 1
Walk Test
```

```
Walk Test
Ptns > 1*.....
```

```
Esc To Stop Test
& View Zones
```

```
0003 Active
```

```
Panel Zone 1
0001 Healthy
```

1. Press **ENT** to select this option.
2. Press **ENT** to select **Walk Test**.
3. Use the numeric keys to select the partitions to test, then press **ENT**. Any partition numbers shown will be tested. (A "*" indicates that the partition will not be tested, and "." indicates that you have no access to the partition.
4. Walk through your partitions and operate all detection devices.

As you activate each zone, the internal sounders will emit a chime tone and the display will identify the activated zone.
5. When you have finished the test, press **ESC**.
6. The status of the lowest zone number tested is displayed. Press **ENT** to view the next lowest zone tested.
7. Press **ESC** to exit.

Option **4-2**: Testing the Bell

```
User Menu
4:Test Options
```

```
Test Options 2
Bell Test
```

```
Bell Test
Ptns > 12.....
```

```
Bell Test      1
Bell Only
```

```
Bell Test      2
Bell & Strobe ON
```

```
Bell Test      3
Strobe Only
```

```
Bell Test      4
Alarm Sounder On
```

```
Bell Test      0
Bell/Strobe OFF
```

This option enables you to test the internal sounder, strobe and external sounder.

1. Press **ENT** to select this option.
2. Use **↑** or **↓**, or press **2** to select **Bell Test**, then press **ENT**.
3. Use the numeric keys to select the partitions to test, then press **ENT**. Any partition numbers shown will be tested. (A "*" indicates that the partition will not be tested, and "." indicates that you have no access to the partition.)
4. The external sounder should activate. Press **ENT** to carry out the next test.
5. The external sounder and strobe should be active. Press **ENT** to carry out the next test.
6. Only the strobe should be active. Press **ENT** to carry out the next test.
7. The internal sounder should activate. Press **ENT** to carry out the next test.
8. The sounders and strobe should switch off. Press **ENT** to repeat the tests, or **ESC** to exit.

Option **4**-**3**: Telecommand Batteries

User Menu
4:Test Options

Test Options 3
Telecmd Batts

No batteries low

2:01:01 Batt Low
Martha's

This option enables you to check if any telecommands have reported a low battery.

1. Press **ENT** to select this option.
2. Use **↑** or **↓**, or press **3** to select **Telecommand Batts**, then press **ENT**.

Either:

The display shows that all telecommands are OK.

OR

The display shows the number of any telecommands that have reported a low battery. If you have programmed a text name for the telecommand, the display shows that text on the bottom line.

3. Press **ENT** to repeat the tests, or **ESC** to exit.

Option [4]-[4]: Telecommand Test

```
User Menu
4:Test Options
```

```
Test Options 4
Telecmd Test
```

```
2:01:1 RNode
Martha's
```

```
2:01:3 RNode
9(5) Bat-H
```

This option enables you to test a telecommand, or identify an unknown telecommand.

1. Press **[ENT]** to select this option.
2. Use **[↑]** or **[↓]**, or press **[4]** to select **Telecmd Test**, then press **[ENT]**.
3. Either:
Use **[↑]** or **[↓]** to select the telecommand you want to test, and press **[ENT]**.
OR:
Press any button on the telecommand you are testing and press **[ENT]**.

The top line of the display shows the number of the telecommand you are testing. The bottom line of the display shows (from left to right):

Current signal strength.

Previous lowest signal strength in brackets.

"Bat-" (for Battery) followed by H for healthy or L for low.

4. Either:
Press **[ESC]** to exit, leaving the record of lowest signal strength as it is.
OR:
Press **[ENT]** to exit, resetting the record of lowest signal strength to the current signal strength, ready to record a new value.

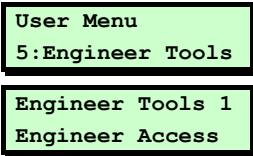
Option **5**: Using the Engineer Tools

Option **5-1**: Configuring Engineer Access

This option enables you to define a period during which an engineer can log into the alarm system. Once the period has expired, the engineer can continue working if logged in but will not be able to log in again.

The period starts from the time you set it and can be four hours or five minutes. You can terminate the period at any point.

👉 The default setting is **Infinite**.



1. Press **ENT** to select this option.
2. Press **ENT** to select **Engineer Access**.
3. Use **↑** or **↓**, or press a hot key (**1** to **4**), to select the required option, then press **ENT**.

If you select **4 Hour Window** or **5 Min Window**, the engineer will be able to log in at any time within a 4-hour/5-minute period from now.

Selecting **Infinite** allows the engineer access at any time.

Selecting **Close Window** terminates any period currently running.

Option 5-2: Starting a Call Back

You can use this option to initiate a connection over the telephone line to a remote site that is running the Downloader software. Once the communication link is established, the remote site can upload data and change settings in the control panel. The link continues until the remote site disconnects it.

- Select this option only if requested by your alarm company.
- Your alarm company may be able to initiate the link, depending on the Access Mode (Engineer option 51-3).

```
User Menu
5:Engineer Tools
```

```
Engineer Tools 2
Call Service?
```

```
Start CallBack 1
```

```
Calling On : 1
Hit ESC to abort
```

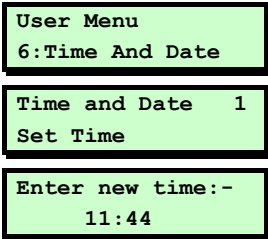
1. Press **ENT** to select this option.
2. Use **↑** or **↓**, or press **2** to select **Call Service?**, then press **ENT**.
3. Use **↑** or **↓**, or press a hot key (**1** to **4**) to select the number to call (as defined in Engineer option 51-4), then press **ENT** to begin the call.
4. If the connection is established successfully, the system automatically returns to its original state. If the connection is not established successfully, press **ESC** to abandon the call.

Option **6**: Setting the Time and Date

Option **6-1**: Setting the Time

This option enables you to set the system time.

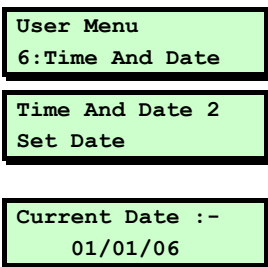
- ☛ The system automatically advances/retards the time by one hour at 2am on the standard summer/winter changeover dates.



1. Press **ENT** to select this option.
2. Press **ENT** to select **Set Time**.
3. To change the time, enter four digits (hhmm) for the current time, e.g. 1810 for 6:10pm.
4. Press **ENT** to accept the displayed time, or **ESC** to exit without saving.

Option **6-2**: Setting the Date

This option enables you to set the system date.



1. Press **ENT** to select this option.
2. Use **↑** or **↓**, or press **2** to select **Set Date**, then press **ENT**.
3. To change the date, enter six digits (ddmmyy) for the current date, e.g. 181006 for 18th October 2006.
4. Press **ENT** to accept the displayed date/time, or **ESC** to exit without saving.

Option **7**: Customising Text

Option **7-1**: Editing the Zone Text

```
User Menu
7:Custom Text
```

```
Custom Text  1
Zone Text
```

```
Zone 0001
```

```
^one 0001
```

This option enables you to edit the text displayed to identify zones to users.

1. Press **ENT** to select this option.
2. Press **ENT** to select **Zone Text**.
3. Use **↑** or **↓**, or press a hot key to select the zone name to edit, then press **ENT**.
4. Use the text editing keys (page 35) to change the text if required. Press **ENT** to accept the displayed text or **ESC** to exit without change.

Option **7-2**: Editing the Partition Text

```
User Menu
7:Custom Text
```

```
Custom Text  2
Prtn Text
```

```
Viewing Prtn  1
```

```
^iewing Prtn  1
```

This option enables you to edit the text displayed to identify partitions to users.

1. Press **ENT** to select this option.
2. Use **↑** or **↓**, or press **2** to select **Prtn Text**, then press **ENT**.
3. Use **↑** or **↓**, or press a hot key to select the partition name to edit, then press **ENT**.
4. Use the text editing keys (page 35) to change the text if required. Press **ENT** to accept the displayed text or **ESC** to exit without change.

Option 7-3: Editing Telecommand Names

This option enables you to edit the text displayed to identify telecommands and PAs.

```
User Menu
7:Custom Text
```

```
Custom Text 3
Telecommand Name
```

```
martha's
>Telecmd 2:01:01
```

```
martha's
^Telecmd 2:01:03
```

1. Press **ENT** to select this option.
2. Use **↑** or **↓**, or press **3** to select **Telecommand Name**, then press **ENT**.
3. Either:
Use **↑** or **↓**, to select the telecommand name to edit, then press **ENT**.
Or:
Press a button on the telecommand you want to change, then press **ENT**.
4. Use the text editing keys (page 35) to change the text if required. Press **ENT** to accept the displayed text or **ESC** to exit without change.

Option **8**: Setting Up Users

This option allows you to define users to operate the alarm system. When setting up a user, you need to specify:

- A user number. The system uses this to identify each user in the log.
- A user code. This is the code that the user enters at keypads (e.g. to set or unset the system).
- A user type (e.g. Manager). This determines, for example, the range of user options the person can access (see the next section).

The user's access to menu options is initially determined by the user type selected, but can be customised, if required (see page 28).

- The partitions the user is assigned to. Users can set, unset and reset only the partitions assigned to them.
- A user cannot set up or modify users with a lower user number (e.g. User 03 cannot modify User 02).
 - To delete a user, set the user type to "Not in use".

In addition to users, option 8 also allows you to define the function of any telecommands or personal alarm (PA) transmitters. For both telecommands and PAs you can allocate individual partitions to transmitters. For telecommands you can specify which buttons set and unset individual partitions.

About the User Types

The following user types are available.

Manager

Users of this type have access to all user menus and options. They can set and unset assigned partitions from any keypad.

By default, user 001 is set up as a manager, with a default user code of 1234 (4 digits used) or 123400 (6 digits used).

Standard Global

Users of this type have access to User options 1, 2, 4, and 5. They can set and unset the system from any keypad.

Standard User

Users of this type have access to User options 1, 2, 4 and 5. They can only set and unset assigned partitions from a keypad assigned to the partitions being set or unset, e.g. if a user is assigned to partitions 1 and 2, and uses a keypad assigned to partition 2 only, the user can set or unset partition 2 only.

Prox Tag User

Users of this type present a proximity tag to the keypad instead of entering a user code. They have access to User options 1, 2, 4 and 5. They can set and unset assigned partitions from any keypad. When unsetting, all associated partitions are unset and the keypad displays no options.

Easy Set

When setting/unsetting, all associated partitions are set/unset and the keypad displays no options. The user can set/unset from any keypad. The user code will unset all assigned partitions if at least one is set.

Reset Only

Users of this type have access to User options 1 and 2. They can reset 24-hour alarms from any keypad.

Panic Code

Users of this type have no access to user menus and cannot set or unset the system. Entering a user code of this type generates a Panic Alarm and activates a full alarm (causing internal and external sounders and strobe lights to operate).

- To set up a Panic code, Duress Allow in Engineer option 45-24 must be set to YES.

Duress Code

Users of this type have the same abilities as a standard global user but, when the user code is entered, a silent alarm is generated¹, which could be sent to an alarm receiving centre. This enables the user to appear to operate the alarm system normally if being coerced.

- To set up a Duress code, Duress Allow in Engineer option 45-24 must be YES.

Access

Users of this type have no access to user menus and cannot set or unset the system. Entering a user code of this type temporarily activates outputs of type "Code Accepted", Access or "Access Code", which could be used to operate electric door strikes or similar mechanisms.

¹ Outputs of type "Duress Alarm" are activated if the system is being set. Outputs of type "Duress Alarm" or "Panic Alarm" are activated if the system is being unset.

Shunt

Users of this type have no access to user menus and cannot set or unset the system. Entering a user code of this type isolates the zones in the shunt group(s) to which it is assigned using Engineer option 13. Entering the code again reinstates the zones.

Set Only

Users of this type can set assigned partitions from any keypad but cannot unset them.

Not in use

This user type has no rights. Select this type to delete an existing user.

About User Numbers

The total number of users you can define depends on the type of control unit.

- If you have a 95EN or 85EN control unit then you can define up to 99 users.
- If you have a 65EN control unit you can define up to 49 users.

The control unit reserves some user numbers for special purposes:

User	Number		
	65EN	85EN	95EN
Engineer	000	000	000
Manager	001	001	001
Downloader	050	100	100
Keypad PA	051	101	101
System	052	102	102

If you are not sure what type of control unit your system has, don't worry. The control unit will not let you use one of the reserved numbers.

Option **8-1**: Configuring the User Codes

User Menu
8:Set Up Users

User Codes 1
Code

Define new users
User no. 05

Prox Tag or Code

User 05 is type
Not in use

This option enables you to set up or modify users. For each user, you specify information such as the user type and the partitions the user has access to.

1. Press **ENT** to select this option.
2. Press **ENT** to select **Code**.
3. The display shows the lowest available user number. You can press **ENT** to select this user. Alternatively, you can select a different user by entering a number or by using **↑** or **↓**.

➤ Pressing **↵** shows the number of users currently set up. Press any key to return to the previous display.

4. Enter the user code¹ and press **ENT**, or present the user's proximity tag. Pressing **ENT** without entering a code maintains the previously-chosen code.

➤ If you see "NOT ACCEPTED try a different code"; the code is already in use. Press **↵** and try again with a different code.

5. Use **↑** or **↓** or press a hot key (**0** to **9**) to select the user type (page 23), then press **ENT**.

¹ 4 or 6 digits (giving up to 100,000 code combinations, with none disallowed), as set up in Eng option 47.

```
User 05 Prtns
Ptns > 1*.....
```

6. Use the numeric keys to select the partitions you want the user to have access to, then press **ENT**. Any partition numbers shown will be allocated to the user. (A "*" indicates that the partition will not be allocated, and "." indicates that you have no access to the partition.)

➔ If the Local Setting option is selected in Engineer option 45-11, a user can set a partition only if the keypad is assigned to that partition.

7. Continue from step 3, or press **ESC** to exit.

Option **8-2**: Defining User Names

This option enables you to specify a name for each user. When viewing the event log (page 31), pressing **F2** toggles between displaying user number and user name for appropriate log entries.

```
User Menu
8:Set Up Users
```

```
User Codes      2
User Name
```

```
User 01
User 01
```

```
User 01
^ser 01
```

1. Press **ENT** to select this option.
2. Use **↑** or **↓** or press **2** to select **User Name**, then press **ENT**.
3. Select the user by using **↑** or **↓** or by entering the user number, then press **ENT**.
4. Use the text editing keys (page 35) to edit the user name, then press **ENT**.
5. Press **ESC** to exit.

Option **8**-**3**: Customising Access to Menu Options

```
User Menu
8:Set Up Users
```

```
User Codes      3
Customise Menus
```

```
User  01
User  01
```

```
Menu Options:-
> .123456789
```

Access to options is initially determined by user type but individual users can be granted or denied access using the Customise Menu option.

1. Press **ENT** to select this option.
2. Use **↑** or **↓** or press **3** to select **Customise Menus**, then press **ENT**.
3. Select the user by using **↑** or **↓** or by entering the user number, then press **ENT**.
4. Select the user options to which the user should have access, then press **ENT**. Pressing **1** to **9** selects (option number displayed) and deselects (“*” displayed) options. The options are:
 - 1 = Omit Zones
 - 2 = Shunt 24hr Zns
 - 3 = System Options
 - 4 = Test Options
 - 5 = Engineer Tools
 - 6 = Time And Date
 - 7 = Custom Text
 - 8 = Set Up Users
 - 9 = Log
5. Press **ESC** twice to exit.

Option **8-4**: Programming Telecommands

```
User Menu  
8:Set Up Users
```

```
User Codes      4  
Telecommands
```

```
2:01:1 RNode  
Telecmd 1
```

```
>Telecmd Type  
Global
```

```
Telecmd Type  
>Global
```

Use this option to allocate telecommand or PA buttons to individual partitions.

Cooper Security Limited recommend that you take advice from your alarm installer before modifying any of these options.

1. Press **ENT** to select this option.
2. Use **↑** or **↓** or press 4 to select **Telecommands** then press **ENT**.
3. Select the telecommand or PA by using **↑** or **↓** or by entering the telecommand/PA number (see page 37), then press **ENT**.

➡ At this point you can press a telecommand or PA button to make its details appear on the display. Press **ENT** to proceed to step 4.

4. Use **↑** or **↓** to select an option (see steps 5 to 9 below).
5. Press **ENT** to select this option. Use **↑** or **↓** to select either:
Global: The telecommand can set or unset any partition allocated to its buttons, anywhere on site (depending on radio range and conditions). A PA can start an alarm in its allocated partition, anywhere on site. OR:
Local: The telecommand can set or unset partitions allocated to its buttons (or the PA can start an alarm in its

allocated partition) only when in range of a specific MRNode receiver¹. OR: **Unused:** The control unit will ignore any telecommand programmed as Unused, even though it may still be learned by an MRNode. (Hint: Use this option to disable telecommands that have been lost.) Press **ENT** to save your changes.

```
Button 1 ^Set
Prtns > 1*****
```

```
Button 4 vUnset
Prtns >1*****
```

```
Button      PA
Ptns      1*****
```

```
Telecmd 1
^telecommand Name
```

6. Press **ENT** to select this option. (Or, use **↑** or **↓** to select other buttons.) Press **1** to **8** (**1** to **4** for the 65EN/85EN) to select the partitions that will be set by the button (page 37.) Press **ENT** again to save your changes.
7. Press **ENT** to select this option. Press **1** to **8** (**1** to **4** for the 65EN/85EN) to select the partitions that will be **unset** by button 4. Press **ENT** again to save your changes.
8. Press **ENT** to select this option. Press **1** to **8** (**1** to **4** for the 65EN/85EN) to select the partitions that will be sent into alarm by a PA (button 1 and 4). Press **ENT** again to save your changes.
9. Press **ENT** to select this option. Use the text editing keys (page 35) to edit the telecommand name, then press **ENT** to save your changes.

➡ *722r and 727r telecommands can start PAs, 723r and 728r cannot start PAs.*

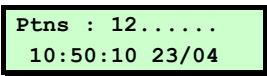
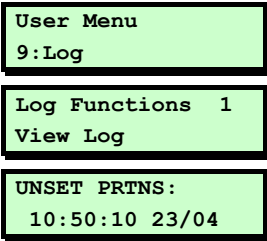
¹ The installer must allocate partitions to individual MRNodes.

Option **9**: Using the Log

Option **9-1**: Viewing the Log

This option enables you view the contents of the system log. The log contains the date and time of system events, such as partitions being unset, zones omitted, duress code activations and communications problems. For more information about the event codes displayed, see page 37.

The number of events recorded in the log is model specific.



1. Press **ENT** to select this option.
2. Press **ENT** to select **View Log**.
3. Press **↑** or **↓** to scroll through the events (**↑** displays earlier events). To move to the next event of a given type, press:
 - 1** Alarms **6** User codes
 - 2** 24 Hour Alarms **7** Set Partitions
 - 3** Fire Alarms **8** UnSet Partitions
 - 4** PA Alarms **9** Entry
 - 5** Zone Tamper
4. If appropriate, press **(?)** to display further details of the event. Pressing **0** allows you to view events from a specified offset (position) in the log.
5. Press **ESC** to exit.

Option 9-2: Printing the Log

If a printer is connected to the control unit, you can print some or all of the events recorded in the log.

➡ It is not possible to connect a printer to the 65EN.

User Menu
9:Log

Log Functions 2
Print Log

How many events?
0030

With offset of:-
0030

1. Press to select this option.
2. Use or , or press to select **Print Log**, then press .
3. Choose the number of events to print by using or , or by entering the four-digit value, then press .
4. Specify an offset by using or , or by entering the four-digit value, then press . If, for example, you choose to print 10 events and an offset of 50, the system will print events 50-59 (with event number 1 being the most recent).

➡ There may be more than one printed line per log event.

If you want to stop the current print job, re-print the log, specifying zero events to print.

Once you have used the **Print Log** option, the system goes into online printing mode, where every action is immediately printed. Switch off the printer to stop all printing.

Option **[9]**-**[3]**: Viewing the Access Log

You can use this option to view the content of the access log, which stores every use of a user code of type Access (which is used to open doors).

```
User Menu
9:Log
```

```
Log Functions 3
View Access Log
```

```
Name :- User 02
02:35:48 01/05
```

1. Press **[ENT]** to select this option.
2. Use **[↑]** or **[↓]**, or press **[3]** to select **View Access Log**, then press **[ENT]**.
3. Use **[↑]** or **[↓]** to scroll through the events (**[↑]** displays earlier events).
4. Press **[ESC]** to exit.

Option [9]-[4]: Printing the Access Log

You can use this option to print the content of the access log, which stores every use of a user code of type Access (which is used to open doors).

➡ It is not possible to connect a printer to the 65EN.

User Menu
9:Log

Log Functions 4
Print Access Log

How many events?
0030

With offset of:-
0030

1. Press to select this option.
2. Use or , or press to select **Print Access Log**, then press .
3. Choose the number of events to print by using or , or by entering the four-digit value, then press .
4. Specify an offset by using or , or by entering the four-digit value, then press . If, for example, you choose to print 10 events and an offset of 50, the system will print events 50-59 (with event number 1 being the most recent).

➡ There may be more than one printed line per access log event.

If you want to stop the current print job, re-print the log, specifying zero events to print.

Once you have used the **Print Access Log** option, the system goes into online printing mode, where every action is immediately printed. Switch off the printer to stop all printing.

Text Keys

The following tables show how to obtain characters when entering text at the keypad. For example, press **2** twice to obtain the "B" character.

Once you have chosen the character you require, press **↵** to move the cursor to the right to edit the next character. The **⬅** key moves the cursor to the left.

Note: When you reach the end of the character sequence, the next press of the same key takes you back to the beginning of the sequence. For example, the eighth press of the **2** key displays the "A" character.

Note: <sp> represents the space character.

Key	Characters Generated (in Sequence)									
1	.	,	?	!	1	@	"	-	&	'
2	A	B	C	2	a	b	c			
3	D	E	F	3	d	e	f			
4	G	H	I	4	g	h	i			
5	J	K	L	5	j	k	l			
6	M	N	O	6	m	n	o			
7	P	Q	R	S	7	p	q	r	s	
8	T	U	V	8	t	u	v			
9	W	X	Y	Z	9	w	x	y	z	
0	<sp>	0	,	#	*					

Zone Numbering

Each zone has a unique 4-digit number. The meaning of the number is as follows:

- The first digit is the network number. This is the network number of the device that the zone is connected to (0 for zones connected to the control unit PCB). All three control units have two networks.
- The next two digits specify the device address that the zone is connected to (00 for zones connected to the control unit PCB). For devices such as keypads, the device address is determined by a link on the device PCB.
 - ➡ The first eight zones on an ID Node have device address 01, the next eight have device address 02, etc.
- The final digit specifies the zone number on the selected device.

Example: 2031 is (reading right to left): zone 1 of device address 03 connected to network 2.

Only valid zone numbers are displayed as you scroll. For example, the next number displayed after 0008 (panel zone 8) is 1011 (network 1, device 01, zone 1).

Telecommands and PA Transmitters

Telecommand Numbering

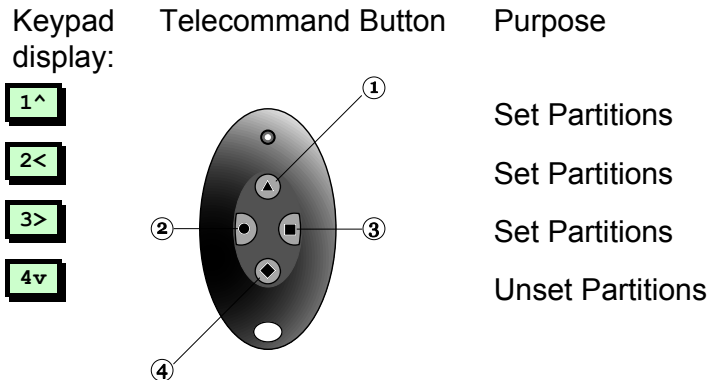
Each Telecommand and PA has a unique number. This number is separate from the scheme used to number zones, but works in the same way:

- The first digit is the network number. This is the network number of the receiver (MRNode) that the telecommand reports to.
- The next two digits specify the device address of the receiver. (The device address is determined by a link on the receiver PCB.)
- The final digit specifies the telecommand or PA number on the receiver.

Example: 2031 is (reading right to left): telecommand (PA) 1 of receiver address 03 connected to network 2.

Telecommand Buttons

The 722r, 723r, 727r and 728r telecommands each have four buttons, which can be used to set/unset partitions within the system. When selecting individual buttons to program, the keypad displays them as numbers:



- You must hold the buttons down for more than two seconds in order to start a transmission. When the telecommand is transmitting, it briefly flashes the small LED above button 1.

The 722r and 727r telecommands also allow the user to start a PA by pressing buttons 1 and 4 together.

PA Buttons

There are several models of PA transmitter. Some have two buttons and some have one button. Your installer will recommend the model that suits your application.

To start a PA on two button transmitters press both buttons at the same time for more than one second.

When you are programming PA transmitters you cannot program the buttons to set or unset partitions. Use the “Button PA” screen in option 8-4 to allocate PA transmitters to partitions, and the “Telecommand Name” screen to give the PA a meaningful name.

Log Events

Event	Description
--- NO EVENT ---	Not used
#### LECS or REMS	The number of LEC or keypads logged on to system after a re-learn
#### NODE R# ADD	Keypad added to MSNode. First # is the network No. Next ## is the device No. R# is the keypad No.
#### NODE R# LOST	Keypad removed from MSNode
#### NODE R# TAMP	Tamper on keypad attached to MSNode
#### NODE'S	The number of Nodes logged on to the system after a re-learn
#### MSNODE'S	The number of MSNodes logged on to the system after a re-learn
#### OFF TEST	Zone number ##### taken off test
#### OMITTED	Zone number ##### omitted
#### REINSTATED	Zone number ##### reinstated
#,## LEC LOST	Network #, device No. ## is a LEC that has been removed
#,## LEC TAMPER	Network #, device No. ## is a LEC that has a tamper condition
#,## NODE ADDED	Network #, device No. ## is a Node that has been added to the system
#,## NODE FUSE	Network #, device No. ## is a Node that has a tripped fuse
#,## NODE LOST	Network #, device No. ## is a Node that has been removed
#,## NODE TAMPER	Network #, device No. ## is a Node that has a tamper condition
#,## PSU FUSE	There is a fuse failure on a Smart PSU
#,## PSU TAMP	There is a tamper on a Smart PSU
#,## RADIO TAMP	There is a tamper on a radio node
#,## REM ADDED	Network #, device No. ## is a remote keypad that has been added to the system
#,## REM LOST	Network #, device No. ## is a remote keypad that has been removed
#,## REM TAMPER	Network #, device No. ## is a remote keypad that has a tamper condition
#,## RF JAMMED	Radio Node jammed
#,## RF CLEAR	Radio Node not jammed
#,## MSNODE ADDED	Network #, device No. ## is an MSNode that has been added to the system
#,## MSNODE FUSE	MSNode fuse failed
#,## MSNODE LOST	Network #, device No. ## is an MSNode that has been removed
#,## MSNODE TAMP	MSNode lid tamper
24 Hr PRTNS:-	24 Hour Alarm in partitions
24H RESTORE #####	24 Hour Alarm on zone ##### reset
24Hr ALARM #####	24 Hour alarm from zone number #####
24HR OMIT:-	Zones omitted using Shunt 24hr Zones option
24HR REINST:-	Zones omitted using Shunt 24hr Zones option have been reinstated
ABORT ON PRTN:-	Alarm aborted on partitions
ACCESS	Access code entered for user number #####
ACCESS FAILED	Access failed due to code lock in operation
ACCESS ZONE #####	Entry zone ##### activated
ALARM #####	Alarm from zone number #####
ALARM PRTNS:	Alarm in partitions

ATE L.F. ALL	All networks from a communicator to an ARC are unavailable
ATE L.F. RESTORE	The network connection from a communicator to an ARC has been restored
ATE L.F. SINGLE	A network connection from a dual-path communicator to an ARC is unavailable
AUTOSET # OFF	Autoset timer off
AUTOSET # ON	Autoset timer on
AUX RESTORE #####	Technical alarm from zone number ##### reset
AUX/BELL TAMPER	Aux/bell tamper
AUXILIARY #####	Technical alarm from zone number #####
AUXILIARY # TAMP	Not used
AUXILIARY FUSE	Auxiliary Fuse failed
BATTERY FAULT	Not used
BATTERY LOAD TST	Battery load test carried out
BATTERY LOW	Battery voltage is low
BATTERY MISSING	Battery is not connected
BATTERY RESTORE	Battery restored to healthy condition
BEAM PAIR #####	First activation of a beam pair zone number #####
BELL BOX TAMPER	Not used
BELL FUSE	Bell fuse tripped
BELL TAMP OMIT	Bell tamper omitted after confirmation timer has expired
BELL TESTED:-	Bell tested for partitions
BELLS ACTIVE:-	Bell active for partitions
CHANGE CODE ##	User code for user ## changed
CHANGE TAG ##	User tag changed for user ##
CNFG CHANGE ###	Configuration change for user ###
CODE #####	Access code entered for user number #####
CODE LOCK # OFF	Code lock number # is off
CODE LOCK # ON	Code lock number # is on
CODE LOCKED #####	User number ##### attempted to use their code whilst locked-out
CODE TAMPER	Keypad locked out for 5 minutes due to invalid entry of passcode
COMMS FAILED	On-board modem failed to communicate with ARC
COMMS TEST CALL	Communications test call started
CONFIG CHANGE ##	Configuration change for user ##
DATE CHANGED AT	System date changed at
DATE CHANGED TO	System date changed to
DEFAULT USER	User 01 (manager) code defaulted
DEFAULT USER #####	Not used
DEFERRED SET:-	Deferred set on partitions
DL DISCONNECT (FL)	Downloader disconnected incorrectly
DL DISCONNECT OK	Downloader disconnected
DURESS CODE #####	Duress alarm from user number #####
ENG HW DEFAULTED	Panel factory reset
ENGINEER ARRIVES	Engineer is logged on the system
ENGINEER DEPARTS	Engineer is logged off the system
ENTRY TIME-OUT:-	Entry mode timed out for partitions
ENTRY ZONE #####	Entry mode started from zone number #####
EXIT CANCELLED:-	Exit mode cancelled for partitions
EXIT STARTED:-	Exit mode started for partitions

EXT LINE FAULT	Not used
EXT LINE RESTORE	Not used
FACTORY RESTART	Factory default loaded
FAULT 4K4 #####	Zone has 4K4 fault
FIRE ALARM #####	Fire alarm from zone number #####
FIRE PRNTS:-	Fire alarm on partitions
FIRE RESET:-	Fire Alarm reset
FIRST KNOCK #####	First activation of zone number ##### (zone with Double-Knock attribute)
FROM REMOTE #,##	Not used
HI-SECURITY SET:	Partitions set using "High Security" feature
ID LOOP RESTORED	Short circuit cleared from ID loop
ID LOOP SHORTED	ID loop is short-circuited
KEYPAD PANIC ###	Panic alarm raised from keypad (buttons 1 and 3 pressed)
KEYSWITCH ###	Keypad zone ##### activated
LOCAL ON LINE	Local connection with Downloader
LOCAL SERV CALL	Local connection with Downloader
LOCAL SERV END	Not used
LOCKSET ##### ON	Lock set zone ##### activated
LOCKSET ##### OFF	Lock set zone ##### deactivated
LOCKSET PRTN ON	Lockset for partition enabled
MAIN POWER ON	Mains power applied to control panel
MAINS POWER OFF	Mains power removed from control panel
MASK ALRM S #####	Mask set alarm
MASK ALRM U #####	Mask unset alarm
MASK FLT S #####	Zone ##### masked while set
MASK FLT U #####	Zone ##### masked while unset
MASK TMP S #####	Masking zone ##### masked when set
MASK TMP U #####	Masking zone ##### masked when unset
MENU TIMEOUT ##	System timed out user ##, and returned to the normal standby screen
MENU TIMEOUT ###	System timed out user ###, and returned to the normal standby screen
MENU TIMEOUT #####	System timed out user #####, and returned to the normal standby screen
MODEM LOCKOUT	Modem locked-out (4 failed attempts made via Lineload)
NETWORK # FUSE	Network # polyfuse tripped
NODE TAMP OMIT	MSNode tamper omitted after confirmation timer expired
NORM. REST. #####	Normal alarm restore
OCCUPANCY SET	System set with people on site
ON LINE TO #	Online to remote PC
ON-SITE RESTART	On-site restart
PA PRNTS:-	PA alarm on partitions
PANEL LID TAMPER	Control panel lid tamper
PANEL STARTED	System powered up
PANEL TAMP OMIT	Panel lid timer omitted after confirmation timer expired
PANIC ALARM #####	PA Alarm from zone number #####
PANIC CODE #####	PA code from user number #####
PANIC REST. #####	Panic Alarm on zone ##### restored
PRTN CONFIRMED:-	Partition confirmed alarm
PRTN ENTRY:-	Partition entry

PRTN SET FAIL:-	Partition failed to set
PRTN TAMPER:-	Partition in tamper condition
PRTNS LOCKED:-	Partitions locked via security key zone
PRTNS UNLOCKED:	Partitions unlocked via security key zone
PAYMENT EXPIRED	System payment timer has expired
PSTN FAULT	Telephone line fault detected
PSTN RESTORE	Telephone line fault restored
PSU BATT A #####	PSU Battery zone ##### active
PSU BATT H #####	PSU Battery zone ##### healthy
PSU FUSE A #####	PSU Fuse zone ##### active
PSU FUSE H #####	PSU Fuse zone ##### healthy
PSU PWR A #####	PSU Power zone ##### active
PSU PWR H #####	PSU Power zone ##### healthy
REARM ,OMIT #####	Zone ##### omitted after confirmation timer has expired
REARM PRTNS:-	Partitions re-armed
REARM SYSTEM	System rearmed
REARM TAMP OMIT	
REINST PRTNS:-	Partitions reinstated
REM RESET ACTIVE	Remote reset via the REM RESET input terminal (RedCARE)
REM RESET FAILED	Remote reset failed
REM RESET PASSED	Remote reset successfully carried out
REM SERVICE CALL	Remote service call in progress
REM TAMPER	Not used
RESET PRTNS:-	User or engineer has reset partitions
RF PA ###.#	Telecommand PA button pressed
RF SET #.##.#	Telecommand set button pressed
RF UNSET #.##.#	Telecommand unset button pressed
SEC KEY NO #####	Security key operated on zone number #####
SERVICE CALL END	Not used
SERVICE REQUIRED	System requires a service visit (Service Timer expired)
SET EXT L.FAULT	System set with external line fault
SET FAIL #####	Set fail caused by zone #####
SET FAIL PRTNS:-	Set fail for partitions
SET GENERAL FLT	System set with a general fault present
SET NO ACTIVITY	Not used
SET PRTNS:-	Partitions set
SET PSTN FAULT	System set with a line fault present
SET PSU BATT FLT	System set with a PSU Battery fault present
SET PSU FUSE FLT	System set with a PSU Fuse fault present
SET PSU PWR FLT	System set with a PSU Power fault present
SET WITH AC FAIL	Partitions set with a mains fault present
SET WITH FLT 4K4	System set with 4K4 zone fault
SET WITH MSK FLT	System set with zones masked
SET SUPER WARN:-	Log message displayed when the panel has been set with supervision warning on radio zones(s).
SH.KEY OFF #####	Shunt key zone ##### deactivated
SH.KEY ON #####	Shunt key zone ##### activated
SHNT ##### REINST	Shunted zone ##### reinstated
SHUNT CODE #####	User ##### of type "Shunt" entered access code to isolate zones
SHUNT END #####	Not used

SHUNT GROUP ##	Shunt Group ## used to isolate zones
SHUNT START #####	Not used
SHUNT ZONE #####	Zone ##### shunted
SILENT PA #####	Silent Panic Alarm zone ##### activated
SUMMER CHANGED	Not used
SUMMER TIME SET	Time changed at Summer changeover date
T.SWITCH # OFF	Time switch number # off
T.SWITCH # ON	Time switch number # on
TAMP 1 OMIT	Not used
TAMP ZONE #####	Not used
TAMP. REST. #####	Not used
TAMPER #####	Tamper alarm from zone number #####
TC #.##.# BAT OK	Telecommand has a healthy battery
TC #.##.# BAT LO	Telecommand has a low battery
TECHNICAL #####	Technical zone ##### activated
TEST FAIL #####	Zone number ##### failed whist on test
TEST TOTAL 00##	Total number of zone tested during walk test
TEST ZONE #####	Not used
TIME CHANGED AT	Time changed at specified time
TIME CHANGED TO	Time changed to specified time
TX #.##.# SUP FL	Supervision failure on radio zone
TX ##### SUP OK	Supervision is no longer warning on a radio zone
TX #.##.# SUP OK	Supervision is no longer failed on a radio zone
TX ##### SUP WARN	Supervision warning on radio zone
TX #.##.# BAT OK	Radio zone reports transmitter low battery
TX #.##.# BAT LO	Radio zone reports transmitter low battery
UNSET PRTNS:-	Partition unset
UNSHUNT GROUP ##	Shunt Group ## used to reinstate zones
USER ##### DELETED	User number ##### deleted
WALK TESTED LOG	Not used
WALK TESTED:-	Partitions walk tested
WINTER CHANGED	Not used
WINTER TIME SET	Time changed at Winter changeover date
WLK TST FAIL LOG	Not used
ZONE TESTED #####	Zone number ##### tested during walk test routine

System Records

General System Details

Timers								
	Partitions							
	65EN, 85EN and 95EN				95EN only			
	1	2	3	4	5	6	7	8
Entry Time								
Exit Time								
Exit Mode								
Bell Delay								
Bell Duration								

Shunt Groups								
Group	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8

Time Switch 1										
Timer	On at	Off at	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
1										
2										
3										

Time Switch 2									
Timer	On at	Off at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									

Time Switch 3									
Timer	On at	Off at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									

Auto-Set Timer 1									
Timer	Set at	Unset at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									
Set Partitions:									

Auto-Set Timer 2									
Timer	Set at	Unset at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									
Set Partitions:									

Auto-Set Timer 3									
Timer	Set at	Unset at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									
Set Partitions:									

Installer Information

Installation Engineer:

Installation Company:

Address:

Telephone Number:

Reset Message:

Alarm Receiving Centre:

Telephone Number:


Remote Reset Message:

Quick Reference

BANNER TEXT
17:30 Sun 01 JAN

1. At the keypad, enter your user code or present your proximity tag.

Set Partition?
Ptns > **.....

2. Press  to access the user menu.

Main Option

User Menu
1:Omit Zones

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User Menu
2:Shunt 24hr Zns

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User Menu
3:System Options

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4:Test Options

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