M-Series

Manager's
Manual

COOPER Security

Contents

Introduction

About your Alarm System

Your intruder alarm system provides comprehensive and flexible protection for domestic or commercial premises. The system comprises several components, such as keypads and sensors, linked to a control unit, which is concealed from view but accessible for maintenance.

About this Manual

This manual describes the functions available from the two user menus. The manual is intended to be used by people who are responsible for carrying out tasks such as adding new user codes, viewing logged messages and omitting zones from the setting procedure.

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 Menus

To access the user menus:

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

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

```
0=Set Selection
[Ent]=User Level
```

2. Press ᴱᴺᵀ.

```
User Level 1
Press [Ent]or[2]
```

3. Press ᴱᴺᵀ if you want to enter User Menu 1. If you want to enter User Menu 2, press ⬆, ⬇ or 2 until "User Level 2" is displayed, then press ᴱᴺᵀ.

```
User 1 Menu 1
Test Menu
```

The first option in the selected menu is displayed. The example shown opposite is the first option in User Menu 1.

☞ Access to options depends on user type (page 22).

Selecting Options

You can select options in two ways:

1. Press ⬆ and ⬇ until the required option is displayed, then ᴱᴺᵀ.

2. Press a numeric "hot" key (0 to 9), e.g. press 2 to display Omit Zones, then ᴱᴺᵀ to select the option.

Exiting from the User Menus

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

Option 1-1: Testing

Option 1-1-1: Testing the Bell

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

```
User 1 Menu 1
Test Menu
```

1. Press ENT to select this option.

```
Test Menu        1
Bell Test
```

2. Press ENT to select **Bell Test**.

```
Bell test wards:
Ward  > 1*......
```

3. Use the numeric keys to select the wards to test, then press ENT. Any ward numbers shown will be tested. (A "*" indicates that the ward will not be tested, and "." Indicates that you have no access to the ward.)

```
Bell Test        1
Bell Only
```

4. The external sounder should activate. Press ENT to carry out the next test.

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

5. The external sounder and strobe should be active. Press ENT to carry out the next test.

```
Bell Test        3
Strobe Only
```

6. Only the strobe should be active. Press ENT to carry out the next test.

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

7. The internal sounder should activate. Press ENT to carry out the next test.

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

8. The sounders and strobe should switch off. Press ENT to repeat the tests, or ESC to exit.

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

Each zone tested is added (once) to the event log, which you can review using User option 2-9 (page 37).

Zones triggered on a walk test are not communicated to the ARC, if used.

```
User 1 Menu 1
Test Menu
```

1. Press ⟨ENT⟩ to select this option.

```
Test Menu        2
Walk Test
```

2. Use ⟨↑⟩ or ⟨↓⟩, or press ⟨2⟩ to select **Walk Test**, then press ⟨ENT⟩.

```
Walk test wards:
Ward > 1*......
```

3. Use the numeric keys to select the wards to test, then press ⟨ENT⟩. Any ward numbers shown will be tested. (A "*" indicates that the ward will not be tested, and "." Indicates that you have no access to the ward.

```
ESC To Stop Test
& View Zones
```

4. Walk through your wards and operate all detection devices.

```
0003 Active
```

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, press ⟨ESC⟩.

```
Panel Zone 1
0001 Healthy
```

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.

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

```
User 1 Menu 1
Test Menu
```

1. Press ENT to select this option.

```
Test Menu 3
Telecmd Batts
```

2. Use ⬆ or ⬇, or press 3 to select **Telecommand Batts**, then press ENT.

```
No batteries low
```

Either:
    The display shows that all telecommands are OK.

```
2:01:01 Batt Low
Martha's
```

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 1 - 1 - 4 : Telecommand Test

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

```
User 1 Menu 1
Test Menu
```

1. Press ENT to select this option.

```
Test Menu       4
Telecmd Test
```

2. Use ⬆ or ⬇, or press 4 to select **Telecmd Test**, then press ENT.

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

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.

```
2:01:3  RNode
9(5)   Bat-H
```
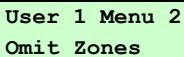
The top line of the display shows the number of the telecommand you are testing. The bottom line of the display shows (from left to right):
Current signal strength.
Previous lowest signal strength in brackets.
"Bat-" (for Battery) followed by H for healthy or L for low.

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.
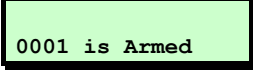
Option ①-②: Omitting Zones

Sometimes you may need to omit zones when you set your wards, e.g. if a zone is to remain occupied while the rest of the ward is set. This option enables you to select which zones to omit.
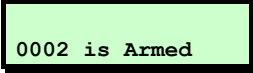
☞ When the system is unset, any selections made here are cleared. This prevents zones from being omitted inadvertently.

☞ You can omit only zones that have been set up as omittable (Engineer option 1-1).

```
User 1 Menu 2
Omit Zones
```

1. Press ENT to select this option.

```
0001 is Armed
```

2. Select the zone to omit by using ⬆ or ⬇, or by entering the four-digit zone number. Refer to page 49 for details of zone numbering.

```
0002 is Armed
```

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 ⬚1-⬚3: Shunting 24hr Zones

This option enables you to shunt (disable) all 24 Hour zones in selected wards that have been set up as shuntable in Engineer option 1-1. Shunting disables a zone and the shuntable attribute identifies whether this is permissible.

☞ Zones remain shunted until you use the Reinstate 24hr option (see below).

☞ Reinstating zones may start the exit timer, depending on whether Unshunt, No Exit or Unshunt & Exit is selected (Engineer option 1-9-1).

```
User 1 Menu 3
Shunt 24hr Zones
```
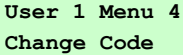
1. Press ENT to select this option.

```
1=Shunt 24Hr
2=Reinstate 24hr
```
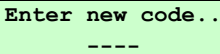
2. Press ⬚1 to shunt zones or ⬚2 to reinstate zones that have been previously shunted.

```
Shunt Wards
Ward  > 1*......
```

3. Use the numeric keys to select the wards to shunt/reinstate, then press ENT. Any ward numbers shown will be shunted/reinstated. (A "*" indicates that the ward will not be shunted/reinstated, and "." Indicates that you have no access to the ward.)

Option 1-4: Changing your User Code

This option enables you to change your own user code. To make changes for other users, refer to page 21.

```
User 1 Menu 4
Change Code
```

1. Press ᴱᴺᵀ to select this option.

```
Enter new code..
      ----
```

2. Enter your new code,
   e.g. press 5 6 7 8, then ᴱᴺᵀ.

☞ If your new code is not accepted, the display shows "NOT ACCEPTED try a different code". This usually means that the code is already in use. Press Ⓧ enter the code again.

☞ Your system may be set up to use six digit user codes. If so, then the default user code is 5 6 7 8 0 0 [1].

---

[1] Requires option 01 to be set to "6 digit codes" in Engineer menu 1-9-3.

Option ①-⑤: Enabling Chimes

This option enables you to select which of your wards (if any) use the chime feature. In a ward with this feature enabled, zones that have a Chime Tone attribute (User option 2-5) and are in a selected ward will generate a chime tone when activated. The wards 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 User option 2-5.

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

When a chime occurs, keypads display the zone number if configured by the Chime Visible setting in Engineer option 1-9-1.
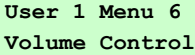
```
User 1 Menu 5
Enable Chime
```

```
Chime on wards:
Ward > 1*......
```
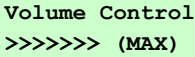
1. Press ᴱᴺᵀ to select this option.

2. Use the numeric keys to select the wards you want to have chime enabled, then press ᴱᴺᵀ. Any ward numbers shown will be chime enabled. (A "*" indicates that the ward will not be chime enabled, and "." Indicates that you have no access to the ward.)

Option 1-6: Setting the Speaker Volume

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

```
User 1 Menu 6
Volume Control
```

```
Volume Control
>>>>>>> (MAX)
```

1. Press ENT to select this option and display the current setting.

2. Press ↑ and ↓, or enter a value (0 to 7), to adjust the volume, from 'Sound Off' up to maximum.

3. Press ENT to accept the displayed value or ESC to exit without change.
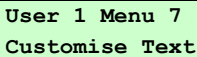
Option ①-⑦: Customising Text

This option enables you to edit the following text strings:
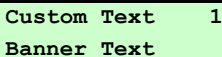
Banner Text This message is shown on the top line of the display when the keypad is in normal "standby" mode (i.e. waiting for a code to be entered).

Group Names These are the names of the ward groups (see page 36). The names are displayed when setting ward groups (see the *User's Guide*).

Telecommand Text These are the names of any telecommands that the installer has allocated to your system.
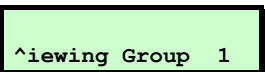
```
User 1 Menu 7
Customise Text
```

1. Press ENT to select this option.

```
Custom Text      1
Banner Text
```

2. Use ⬆ or ⬇, or press a hot key (①, ②, or ③), to select the text string to edit, then press ENT.

```
Viewing Group  1
```

3. If you have chosen to edit group names, use ⬆ or ⬇, or press a hot key to select the group name to edit, then press ENT.

```
^iewing Group  1
```

4. Use the text editing keys (page 48) to change the text if required. Press ENT to accept the displayed text or ESC to exit without change.

Option ⒈-⒏: Setting Up Silent Set Wards

This option enables you to select which of your wards (if any) set silently, without emitting an exit tone, when the system is set normally. The wards remain enabled for silent setting until you deselect them in this option.

☛ Pressing ⒏ when the display shows "0=SET WARDS" can set all your wards silently, irrespective of their setting here[1].

```
User 1 Menu 8
Silent Set Wards
```

1. Press ᴇɴᴛ to select this option.

```
Silent set wards
Ward > **......
```

2. Use the numeric keys to select the wards you want to enable for silent setting, then press ᴇɴᴛ. Any ward numbers shown are enabled for silent setting. (A "*" indicates that the ward will not be silent set, and "." Indicates that you have no access to the ward.

---
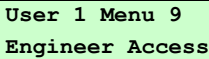
[1] Requires **P.Set Hotkey** in Engineer option 1-9-1 to be set to **NO**

Option ①-⑨: 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.

```
User 1 Menu 9
Engineer Access
```

1. Press ᴇɴᴛ to select this option.

2. Use ⬆ or ⬇, or press a hot key (①to④), to select the required option, then press ᴇɴᴛ.

   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 ⒈-⓪: Accessing the Set/Unset Menu

The set/unset menu is displayed whenever you enter your user code or present your proximity tag. This option enables you to access this menu from User Menu 1.

The Set/Unset Menu has several options, but only relevant ones are shown, e.g. if all wards are unset, the option to unset wards is not shown.

For information about setting, unsetting and resetting the system, refer to the *User's Guide*.

Option ②-①: Viewing Zones

This option enables you to view the status of each zone, which may be:

Healthy The normal status of a zone (e.g. a door is closed or a detector inactive).

Active The alarm status of a zone (e.g. a door is open or a detector is triggered).
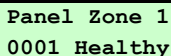
Tamper The interference status of a zone (e.g. a cable has been cut or a cover has been removed from a detector).

Shorted The short-circuit status of a zone (e.g. a cable has been shorted or damaged).

Masked The sensor is masked by some obstruction (e.g. boxes stacked near the sensor).

```
User 2 Menu 1
View Zones
```

1. Press ᴇɴᴛ to select this option.

```
Panel Zone 1
0001 Healthy
```

2. Press ⬆ or ⬇ to scroll to the zone you want to view, or enter the zone's four-digit number. See page 49 for details of zone numbering.

   ☞ You can press Ⓞ to choose the zone on the next network. However, if you keep scrolling, you will reach all zones anyway.

3. Press ᴇꜱᴄ to return to User Menu 2.

Option ②-②: Setting the Time and Date

This option enables you to set the system time and date.

☞ The system automatically advances/retards the time by one hour at 1 am GMT on the standard summer/winter changeover dates.

```
User 2 Menu 2
Time and Date
```

1. Press ENT to select this option.

```
Time and Date    1
Set Time
```

2. Use ⬆ or ⬇, or press a hot key (1 or 2) to select **Set Time** or **Set Date**, then press ENT.

```
Enter new time:-
     11:44
```

3. If you need to change the date/time:
   - For the current time, enter four digits (hhmm), e.g. 1810 for 6:10pm.
   - For the current date, enter six digits (ddmmyy), e.g. 181005 for 18th October 2005.

4. Press ENT to accept the displayed date/time, or ESC to exit without saving.

Option ②-③: Setting Up Shunt Groups

Shunt groups provide a simple way to isolate zones until further notice. Each shunt group can contain up to eight zones, and each group can be allocated to a "Shunt" user code. When the code is first entered, the zones are isolated. When the code is entered again, they are reinstated.

Although 24-hour zones are most commonly isolated, any zone can be assigned to a shunt group.

☛ Any zone selected must have the Shuntable attribute set in Engineer option 1-1.

☛ Entering a shunt code to reinstate zones may start the exit timer, depending on whether Unshunt, No Exit or Unshunt & Exit is selected (Engineer option 1-9-1).

```
User 2 Menu 3
Edit Shunts
```

1. Press ENT to select this option.

```
Edit Shunt Grps
Group        01
```

2. Select the shunt group by using ⬆ or ⬇, or by entering the group number (01 to 10), then press ENT.

```
Group 01 Zone >1
Zone  ----
```

3. The first zone assigned to the group is displayed. This is indicated by ">1" in the top-right corner. The bottom line indicates the zone number, or "----" if a zone number has not yet been specified. (See page 49 for details of zone numbering.)

You can view any of the eight possible zones assigned to the group by using ⬆ or ⬇, or pressing the hot key (①) to ⑧).

If you want to delete the displayed zone from the shunt group, press (〇), then ᴇsᴄ. You can delete more than one zone by scrolling to each in turn and pressing (〇), then finally pressing ᴇsᴄ.

```
Group 01 Zone >1
Zone >----
```

4. Press ᴇɴᴛ if you want to edit the zone number. You will see that the bottom line contains a ">" to indicate that you are in edit mode.

5. After entering the zone number, press ᴇɴᴛ to save changes. Alternatively, press ᴇsᴄ to exit without saving.

6. Now you can do one of the following:

   - Continue from step 3 to specify more zones in the shunt group.
   - Press ᴇsᴄ to return to step 2, which allows you to set up another shunt group.
   - Press ᴇsᴄ twice to exit from the option.

Option ②-④: Setting Up User Codes

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

- 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.

  The user's access to menu options is initially determined by the user type selected, but can be customised, if required (see page 27).
- The wards the user is assigned to. Users can set, unset and reset only the wards assigned to them.
- Whether certain wards set or unset automatically during a set/unset.

☞ 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".

This option also allows you to program the functions of telecommand buttons. You can program individual buttons to set various setting groups, and unset wards. You can allocate the PA function to specific wards, and give the telecommand a meaningful name.

About the User Types

The following user types are available. (Press the key shown next to the type name to select a type directly.)

Manager ⟨1⟩

Users of this type have access to all user menus and options. They can set and unset assigned wards from any keypad. By default, user 001 is set up as a manager, with a default user code of 5678 (567800 when using six-digit codes).

Standard Global ⟨2⟩

Users of this type have access to User Menu 1, options 0, 1, 2, 3, 4, 5, 8 and 9. They can set and unset assigned wards from any keypad.

Standard Ward ⟨3⟩

Users of this type have access to User Menu 1, options 0, 1, 2, 3, 4, 5, 8 and 9. They can only set and unset assigned wards from a keypad assigned to the wards being set or unset, e.g. if a user is assigned to wards 1 and 2, and uses a keypad assigned to ward 2 only, the user can set or unset ward 2 only.

Prox Tag User ⟨4⟩

Users of this type present a proximity tag to the keypad instead of entering a user code. They have access to User Menu 1, options 0, 1, 2, 3, 4, 5, 8 and 9. They can set and unset assigned wards from any keypad. When unsetting, all associated wards are unset (regardless of any programmed auto-unset wards) and the keypad displays no options.

☞ User01 cannot be a prox tag user.

Easy Set 5   When unsetting, all associated wards are unset and the keypad displays no options. The system sets with no options, providing auto-set wards are set up. The user can set/unset from any keypad.

☛   You must set up wards assigned to an Easy Set user as auto-set and auto-unset, see page 26 onwards.

Reset Only 6   Users of this type have access to User Menu 1, options 1, 2, 3, 4, 5, 8 and 9. They can reset 24-hour alarms from any keypad.

Panic Code 7   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 1-9-1-24 must be set to YES.

Duress Code 8   Users of this type have the same abilities as a standard global user but, when the user code is entered, a silent alarm is generated[1], 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, the Duress

---

[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.

Allow setting in Engineer option 1-9-1-24 must be set to YES.

Access ⑨   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.

Shunt
(No hotkey available.)   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. Entering the code again reinstates the zones. See page 19 for details of shunt groups.

Set Only
(No hotkey available.)   Users of this type can set assigned wards from any keypad but cannot unset them. They can also disarm sounders and acknowledge alerts.

Not in use
(No hotkey available.)   This user type has no rights. Select this type to delete an existing user.

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

```
User 2 Menu 4
Edit Codes
```

1. Press ᴱᴺᵀ to select this option.

```
User Codes     1
Code
```

2. Press ᴱᴺᵀ to select **Code**.

```
Define new users
User no. 05
```

3. The lowest available user number is displayed. 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.

```
Prox Tag or Code
        ----
```

4. Enter the user code[1] 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.

```
User 05 is type
Not in use
```

5. Use ⬆ or ⬇ or press a hot key (⓪ to ⑨) to select the user type (page 22), then press ᴱᴺᵀ.

---

[1] 4 or 6 digits (giving up to 1,000,000 code combinations, with none disallowed), as set up in Eng option 1-9-3.

```
User 05 wards
Ward > 1*......
```

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

☞   If the Local Setting option is selected in Engineer option 1-9-1, a user can set a ward only if the keypad is assigned to that ward.

```
05 Auto Sets:-
Ward > 1*......
```

7. Choose the wards that should auto-set, then press ENT. The wards you choose at this prompt are automatically selected when the user sets the alarm system. This means that the user will not have to choose the wards when setting the system.

```
05 Auto Unset:-
Ward > 1*......
```

8. Choose the wards that should auto-unset, then press ENT. The wards you choose at this prompt are automatically selected when the user unsets the alarm system. This means that the user will not have to choose the wards when unsetting the system.

    This option is not relevant for Prox Tag users, since when unsetting, all associated wards are unset.

9. Continue from step 3, or press ESC to exit.

Option 2-4-2: Defining User Names

This option enables you to specify a name for each user. When viewing the event log (page 37), pressing 〔Ω〕 toggles between displaying user number and user name for appropriate log entries.

```
User 2 Menu 4
Edit Codes
```

```
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 Names**, 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 48) to edit the user name, then press ENT.

5. Press ESC to exit.

Option 2-4-3: Customising Access to Menu Options

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

```
User 2 Menu 4
Edit Codes
```

```
User Codes      3
Customise Menus
```

```
User  01
User 01
```

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.

```
Menu 1 Options:-
> 0123456789
```

4. Select the User Menu 1 options to which the user should have access, then press ⏎(ENT). Pressing ⓪ to ⑨ selects (option number displayed) and deselects ("*" displayed) options. The options are:

   0 = Set/Unset Menu
   1 = Test Menu
   2 = Omit Zones
   3 = Shunt 24hr Zones
   4 = Change Code
   5 = Enable Chime
   6 = Volume Control
   7 = Customise Text
   8 = Silent Set Wards
   9 = Engineer Access

```
Menu 2 Options:-
> 0123456789
```

5. Select the User Menu 2 options to which the user should have access, then press ⏎(ENT).

   0 Timers
   1 View Zones
   2 Time and Date
   3 Edit Shunts
   4 Edit Codes
   5 Edit Chime Zones
   6 Communications
   7 Configure Wards
   8 Edit Groups
   9 Log

6. Press ⎋(ESC) twice to exit.

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

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

```
User 2 Menu 4
Edit Codes
```

```
User Codes      4
Telecommands
```

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

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 🔽, 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.

```
>Telecmd Type
Global
```

```
Telecmd Type
>Global
```

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 ward 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 wards allocated to its buttons (or the PA can start an alarm in its

allocated ward) only when in range of a specific MRNode receiver[1]. 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
Group 1> 1*******
```

6. Press ᴱᴺᵀ to select this option. (Or, use ⬆ or ⬇ to select other buttons.) Press 1 to 4 to select the group that will be set by the button. Press ᴱᴺᵀ again to save your changes.

```
Button 4 vUnset
Ward >1*******
```

7. Press ᴱᴺᵀ to select this option. Press 1 to 8 to select the wards that will be **unset** by button 4. (By default button 4 unsets all wards.) Press ᴱᴺᵀ again to save your changes.

```
Button        PA
Ward  1*******
```

8. Press ᴱᴺᵀ to select this option. Press 1 to 8 to select the wards that will be sent into alarm by a PA (button 1 and 4). Press ᴱᴺᵀ again 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.

```
Telecmd 1
^elecommand Name
```

9. Press `ENT` to select this option.
   Use the text editing keys (page 48) to edit the telecommand name, then press `ENT` to save your changes.

Option ②-⑤: Setting Up Chime Zones

This option enables you to select which zones generate a chime if activated when unset, or to switch chimes off. The chime occurs only at keypads and extension loudspeakers assigned to the same ward(s) as the zone. Chimes must be enabled in User option 1-5.

When a chime occurs, keypads display the zone number if configured by the Chime Visible setting in Engineer option 1-9-1.

```
User 2 Menu 5
Edit Chime Zones
```

1. Press ᴱᴺᵀ to select this option.

```
Chime Zone:
0001   Disabled
```

2. Select the zone by using ⬆ or ⬇, or by entering the zone's four-digit number, then press ᴱᴺᵀ. See page 49 for details of zone numbering.

    ☞ You can press Ⓐ to choose the zone on the next network. However, if you keep scrolling, you will reach all zones anyway.

```
Chime Zone:
0001 >Disabled
```

3. Use ⬆ or ⬇, or press a hot key (⓪ to ③) to select the required chime (or "Disabled"), then press ᴱᴺᵀ.

    Chime 1 is a single two-tone sound, chime 2 is a double two-tone sound and chime 3 is a triple two-tone sound.

4. Repeat from step 2 to select another zone, or press ᴱˢᶜ to exit.

Option ②-⑥: Using Communications

You can use this option to initiate a connection over the telephone line to a remote site that is running the Downloader software[1]. 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 2-5-1-3).

```
User 2 Menu 6
Communications
```

1. Press ENT to select this option.

```
Communication  1
Start Call Back
```

2. Press ENT to select **Start Call Back**.

```
Start CallBack 1
08700543678
```

3. Use ⬆ or ⬇, or press a hot key (① to ④) to select the number to call (as defined in User option 2-6-2), then press ENT to begin the call.

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

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.

---

[1] Not available on M750 and M550 systems

This option allows you to define or edit up to four telephone numbers for communication with a PC running the Downloader software[1].

```
User 2 Menu 6
Communications
```

1. Press ⟨ENT⟩ to select this option.

```
Communication   2
Edit Call Back
```

2. Press ⟨ENT⟩ to select **Edit Call Back**.

```
Edit Call No.   1
08700543678
```

3. Use ⟨↑⟩ or ⟨↓⟩, or press a hot key (⟨1⟩ to ⟨4⟩) to select the number to edit, then press ⟨ENT⟩.

```
08700543678
^dit Call No.
```

4. Enter the telephone number.

   Pressing the ⟨()⟩ key toggles between deleting the digit above the cursor and adding a comma (to indicate a 4-second pause). A pause may be needed between certain digits if the system mis-dials using the panel's normal dialling speed.

   Press ⟨ENT⟩ when you have finished.

```
Edit Call No.   1
08700543679
```

5. Press ⟨ESC⟩ to exit.

---

[1] Not available on M750 and M550 systems

Option ②-⑦: Assigning Zones to Wards

The assignment of zones to wards is usually carried out by your alarm company. Change these assignments only if you have detailed knowledge of your alarm system and the way that wards are used in it.

☞ You can assign zones only to wards assigned to your user code.

```
User 2 Menu 7
Configure Wards
```

1. Press ENT to select this option.

```
0001
Ward : 1.......
```

2. Press ⬆ or ⬇ to scroll to the zone, or enter the zone's four-digit number, then press ENT. See page 49 for details of zone numbering.

   ☞ You can press ⟨⟩ to choose the zone on the next network. However, if you keep scrolling, you will reach all zones anyway.

```
0001
Ward > **......
```

3. Use the numeric keys to select the zone's wards, then press ENT. The ward is selected if its number is displayed. (A "*" indicates that the ward is not selected, and "." Indicates that you have no access to the ward.)

4. Continue from step 2 to select another zone, or press ESC to exit.

Option ②-⑧: Setting Up Ward Groups

This option enables you to allocate wards to groups, which you can then set or unset with a single operation (as described in the *User's Guide*).

☛ You can select only those wards that are assigned to your user code.

☛ You can name each ward group using User option 1-7 (page 13).

```
User 2 Menu 8
Edit Groups
```

1. Press ENT to select this option.

```
Viewing Group    1
Ward : ........
```

2. Use ⬆ or ⬇, or press a hot key (e.g. ④) to select the ward group to edit, then press ENT.

```
Editing Group    1
Ward > **......
```

3. Use the numeric keys to select the wards to assign to the group, then press ENT. Any ward numbers shown are assigned to the group. (A "*" indicates that the ward will not be assigned, and "." Indicates that you have no access to the ward.)

4. Continue from step 2 to select another ward group, or press ESC to exit.

Option ②-⑨: Using 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 wards being unset, zones omitted, duress code activations and communications problems. For more information about the event codes displayed, see page 52.

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

```
User 2 Menu 9
Log
```

1. Press ENT to select this option.

```
Log Functions  1
View Log
```

2. Press ENT to select **View Log**.

```
UNSET WARDS:
 10:50:10 23/04
```

3. Press ⬆ or ⬇ to scroll through the events (⬆ displays earlier events). To move to the next event of a given type, press:
   - ① Alarms
   - ② 24 Hour Alarms
   - ③ Fire Alarms
   - ④ PA Alarms
   - ⑤ Zone Tampers
   - ⑥ User codes
   - ⑦ Set Wards
   - ⑧ UnSet Wards
   - ⑨ Entry

```
Ward : 12......
 10:50:10 23/04
```

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.

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

```
User 2 Menu 9
Log
```

1. Press ENT to select this option.

```
Log Functions   2
Print Log
```

2. Use ↑ or ↓, or press ② to select **Print Log**, then press ENT.

```
How many events?
        0030
```

3. Choose the number of events to print by using ↑ or ↓, or by entering the four-digit value, then press ENT.

```
With offset of:-
        0030
```

4. Specify an offset by using ↑ or ↓, or by entering the four-digit value, then press ENT. 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 ②-⑨-③: 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 2 Menu 9
Log
```

1. Press ᴱᴺᵀ to select this option.

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

2. Use ⬆ or ⬇, or press ③ to select **View Access Log**, then press ᴱᴺᵀ.

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

3. Use ⬆ or ⬇ to scroll through the events (⬆ displays earlier events).

4. Press ᴱˢᶜ to exit.

Option ②-⑨-④: Printing the Access Log

You can use this option to print the access log.

```
User 2 Menu 9
Log
```

1. Press ᴱᴺᵀ to select this option.

```
Log Functions    4
Print Access Log
```

2. Use ⬆ or ⬇, or press ④ to select **Print Access Log**, then press ᴱᴺᵀ.

```
How many events?
      0030
```

3. Follow the same procedure as for option 2-9-2.

Option 2-0: Setting Up Timers

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 1-4.

```
User 2 Menu 0
Timers
```

1. Press ENT to select this option.

```
Timers          1
Time Switches
```

2. Press ENT to select **Time Switches**.

```
Time Switch     1
```

3. Use ↑ or ↓, or press a hot key (e.g. 3) to select the time switch to edit, then press ENT.

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

4. 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 ⟨Ω⟩ to toggle its current status.

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

5. 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. ⟨2⟩⟨1⟩⟨0⟩⟨0⟩ for 9:00pm), then press ⟨ENT⟩. Continue from step 4 or press ⟨ESC⟩ to exit.

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

6. 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.

Use this option to make the control unit set or unset selected wards at specified times. The control unit has three auto-set timers. You can allocate each timer to one or more wards, 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 ward(s). Note that the control unit will not set any ward where there is an active detector.

During the one minute warning a user can defer setting for a short period by entering their user code[1].

When a timer reaches an "off" time, the control unit unsets the allocated ward(s).

To set up the auto-set timers:

```
User 2 Menu 0
Timers
```

1. Press ENT to select this option.

```
Timers        2
Auto-Sets
```

2. Use ⬆ or ⬇, or press ② to select **Auto-Sets**, then press ENT.

---
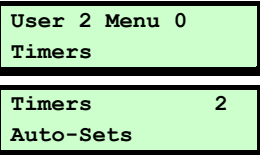
[1] Engineer menu 1-5-2 option 16 specifies the length of the defer time.

```
Auto Set        1
```

3. 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.)

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

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.

4. 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

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

5. 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.)

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

```
Auto Set       1
Ward > **
```

7. To allocate wards to the auto-set timer press (·).
    Use the numeric keys to select the wards then press ENT. The control unit allocates any ward numbers shown on the bottom line to the auto-set timer shown on the top line. (A "*" indicates that the ward will not be allocated, and "." Indicates that you have no access to the ward.)

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 2-0-2.
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 ward, then when you toggle the timer off, the control unit will unset that ward.

Option 2-0-3: Setting Up Code-Locks Timers

Use this option to lock out one or more users at specified times.
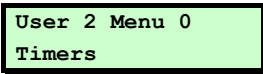
The control unit has three code-lock timers. You can allocate each timer to up to ten users. Each timer prevents the system from accepting the allocated users' codes at the specified times.

If a user enters his/her user code while the code-lock timer is on, the display shows "Sorry. Your code is locked out".

Each code lock timer has up to three events. Each event contains a switch on time (codes not accepted), a switch off time (codes accepted), and one or more days of the week.

To set up a code lock timer:

```
User 2 Menu 0
Timers
```

1. Press ENT to select this option.

```
Timers          3
Code Locks
```
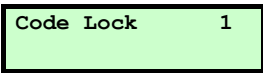
2. Use ⬆ or ⬇, or press 3 to select **Code Locks**, then press ENT.

```
Code Lock       1
```

3. Use ⬆ or ⬇, or press a hot key (1 to 3) to select the code-lock timer to edit, then press ENT.
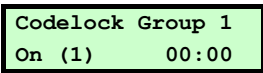
```
Codelock Group 1
On (1)     00:00
```

Each code lock timer has three events. The display shows the event number in brackets on the bottom left. For each event, you can specify the on (locked) time, the off (unlocked) time and the days of operation.

4. 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

```
Codelock Group 1
On (1)     >00:00
```

5. Enter the time in 24-hour format, (e.g. 2100 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.)

```
Lock 1    User>03
 99  Not used
```

6. Press (), then use ⬆ or ⬇ (or enter a two-digit number) to select which of the ten user "slots" to edit, then press ENT. The number shown in the top-right corner shows which of the ten you are editing.

    Select the user by entering his/her user number (or use ⬆ or ⬇ to scroll), then press ENT.

You can now:

- Continue with step 6 to specify other users as necessary.
- Press ⎋ESC and continue from step 4.
- Press ⎋ESC twice to exit.

Text Keys

The following table shows 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.

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	,	#	*					
[0]	<sp>	0	,	#	*					

☛ Note: <sp> represents the space character.

Zone Numbering

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

For all zones except those using iD Plus biscuits (on an M800iD Plus):

- 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). The number of available networks depends on the type of control unit.
- 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.

For zones using iD Plus biscuits (on an M800iD Plus):

- The first digit is always "2" (represents an imaginary network number of 2).
- The next three digits specify the zone number.

Only valid zone numbers are displayed as you scroll. For example, if you are programming an M1000, the next number displayed after 0008 (panel zone 8) is 1011 (network 1, device 01, zone 1).

Radio Systems

You security system may be fitted with a radio receiver (called an MRNode) that 'listens' for signals from wire-free detectors and other transmitters, and reports their activity to the control unit.

The control unit treats the wire free detectors as standard zones. All the options described in the existing Manager's Manual work with wire free detectors in the same way as with wired detectors.

Telecommands and PAs

The MRNode also detects signals from small portable transmitters, called "telecommands" and "PAs". PA is short for "personal attack", "panic alarm", or "personal assistance".

A telecommand is a remote control for your security system. By pressing buttons on a telecommand you can set and unset the system from outside the premises. Later sections of this booklet tell you how to program the buttons of individual telecommands. (Note that the installer may put some restrictions on exactly how you can use a telecommand.)

A "PA" is a transmitter whose function is purely to start a PA alarm. This type of transmitter cannot set or unset the system. Frequently PA transmitters have only one or two buttons. You do not have to carry out

any programming of PA buttons, but you can give them a name and allocate them to individual wards.

Telecommand Buttons
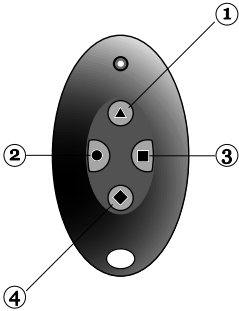
The 722r, 723r, 727r and 728r telecommands have four buttons that you may program for separate functions.

The control unit identifies each button on a telecommand by a number. The keypad display indicates these buttons by showing the numbers followed one of the symbols "^, <, > or v" to indicate the position of the button on the telecommand, as shown on the left.

On a 722r and 727r, pressing buttons 1 and 4 at the same time generates a PA signal. This feature is not present on a 723r and 728r.

Telecommand/PA Numbering

The keypad display shows the identity of a telecommand or PA as a unique number, accompanied by a text name. The number has the format Network:Node:Device. For example, the first telecommand learned by MRNode 2 on Network 1 has the number: 1:02:1. In many options you can select a telecommand or PA by keying in this number (without the ":").

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 MNode/XNode. First # is the network No. Next ## is the device No. R# is the keypad No.
### NODE R# LOST	Keypad removed from MNode/XNode
### NODE R# TAMP	Tamper on keypad attached to MNode/XNode
### NODE'S	The number of Nodes logged on to the system after a re-learn
### XNODE'S	The number of XNodes logged on to the system after a re-learn
#### OFF TEST	Zone number #### taken off test
#### OMITTED	Zone number #### omitted
#### REINSTATED	Zone number #### reinstated
#,## AUX FAULT	Network #, device No. ## MSPSU Aux fuse active (this record may appear together with "#,## PSU FUSE")
#,## 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	Network #, device No. ## MSPSU keypad or Network fuse active
#:## PSU TAMP	There is a tamper on a smart PSU
#,## 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 CLEAR	Radio node not jammed
#:## RF JAMMED	Radio node jammed
#,## XNODE ADDED	Network #, device No. ## is a XNode/MNode that has been added to the system
#,## XNODE FUSE	XNode/MNode fuse failed
#,## XNODE LOST	Network #, device No. ## is a XNode/MNode that has been removed
#,## XNODE TAMP	XNode/MNode lid tamper
24 Hr WARDS:-	24 Hour Alarm on wards
24H RESTORE ####-	24 Hour Alarm on zone #### reset
24Hr ALARM ####	24 Hour alarm from zone number ####
24HR OMIT:-	24 Hour group omitted in wards
24HR REINST:-	24 Hour group reinstated in wards
ABORT ON WARDS:-	Alarm aborted on wards
ACCESS ##	Passcode entered for user number ##
ACCESS ###	Passcode entered for user number ###
ACCESS ####	Passcode 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 WARDS:	Alarm in wards
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
BELL TAMPER	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

Event	Description
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 wards
BELLS ACTIVE:-	Bell active for wards
CHANGE CODE ##	User code for user ## changed
CHANGE CODE ###	User code for user ### changed
CHANGE TAG ##	User tag changed for user ##
CHANGE TAG ###	User tag changed for user ###
CHNG CODE ####	User code changed for user ####
CHNG TAG ####	User tag changed for user ####
CNFG CHANGE ###	Configuration change for user ###
CNFG CHANGE ####	Configuration change for user ####
CODE ##	Passcode entered for user number ##
CODE ###	Passcode entered for user number ###
CODE ####	Passcode 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 passcode whilst locked-out
CODE LOCKED ###	User number ### attempted to use their passcode whilst locked-out
CODE LOCKED ####	User number #### attempted to use their passcode 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
DEFAULT USER ###	Not used
DEFAULT USER ####	Not used
DEFERRED SET:-	Deferred set on wards
DL DISCONNECT FL)	Downloader disconnected incorrectly
DL DISCONNECT OK	Downloader disconnected
DURESS CODE ##	Duress alarm from user number ##
DURESS CODE ###	Duress alarm from user number ###
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 wards
ENTRY ZONE ####	Entry mode started from zone number ####
EXIT CANCELLED:-	Exit mode cancelled for wards
EXIT STARTED:-	Exit mode started for wards
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 RESET:-	Fire Alarm reset
FIRE WARDS:-	Fire alarm on wards
FIRST KNOCK ####	First activation of zone number #### (zone with Double-Knock attribute)
FROM REMOTE #,##	Not used
HI-SECURITY SET:	Wards 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)

Event	Description
KEYSWITCH ###	Keyswitch 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 WARD ON	Lockset for ward 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 when set
MASK FLT U ####	Zone #### masked when 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	MNode/XNode 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 WARDS:-	PA alarm on wards
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 CODE ###	PA code from user number ###
PANIC CODE ####	PA code from user number ####
PANIC REST. ####	Panic Alarm on zone #### restored
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 SYSTEM	System rearmed
REARM TAMP OMIT	
REARM WARDS:-	Wards re-armed
REINST WARDS:-	Wards 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 WARDS:-	User or engineer has reset wards
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)

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Event	Description
SET EXT L.FAULT	System set with external line fault
SET FAIL ####	Set fail caused by zone ####
SET FAIL WARDS:-	Set fail for wards
SET GENERAL FLT	System set with a general fault present
SET NO ACTIVITY	Not used
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 SUPER WARN:-	Log message displayed when the panel has been set with supervision warning on radio zone(s)
SET WARDS:-	Wards set
SET WITH AC FAIL	Wards 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
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 passcode to isolate zones
SHUNT CODE ###	User ### of type "Shunt" entered passcode to isolate zones
SHUNT CODE ####	User #### of type "Shunt" entered passcode 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 LO	Telecommand has a low battery
TC #:##:# BAT OK	Telecommand has a healthy 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 OK	Supervision is no longer warning on a radio zone
TX #### SUP WARN	Supervision warning on radio zone
TX #:##:# BAT LO	Radio zone reports transmitter low battery
TX #:##:# BAT OK	Radio zone reports transmittery battery healthy
TX #:##:# SUP FL	Supervision failure on radio zone
TX #:##:# SUP OK	Supervision no longer failed on radio zone
UNSET WARDS:-	Ward unset
UNSHUNT GROUP ##	Shunt Group ## used to reinstate zones
USER ## DELETED	User number ## deleted
USER ### DELETED	User number ### deleted
USER #### DELETED	User number #### deleted
WALK TESTED LOG	Not used
WALK TESTED:-	Wards walk tested
WARD CONFIRMED:-	Ward confirmed alarm
WARD ENTRY:-	Ward entry
WARD SET FAIL:-	Ward failed to set
WARD TAMPER:-	Ward in tamper condition
WARDS LOCKED:-	Wards locked via security key zone

Event	Description
WARDS UNLOCKED:-	Wards unlocked via security key zone
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

	Wards							
	1	2	3	4	5	6	7	8
Entry Time								
Exit Time								
Setting Mode								
Bell Delay								
Bell Duration								

	Wards							
Entry Time								
Exit Time								
Setting Mode								
Bell Delay								
Bell Duration								

Remote Servicing (Downloading)		
Site	Telephone No	Details
1		
2		
3		
User Authorised Y/N		

Ward Groups						
Group	Name	Wards	Group	Name	Wards	
1			6			
2			7			
3			8			
4			9			
5			0			

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 Wards:									

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

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

Code Lock Timer									
Timer	On at	Off at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									
Users:									

User Details

No.	Name	Type	Wards	Auto-set	Auto-Unset
1		Manager			

Zone Details

Zone No.	Location	Chime Y/N	Wards

Service Record

Date	Engineer	Action

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.

```
0=Set Selection
[Ent]=User Level
```

2. Press ⎘ENT to access the user menus.

```
User Level 1
Press [Ent]or[2]
```

3. Press ⬆ or ⬇ to display user menu 1 or 2, then ⎘ENT to select that menu.

User Menu 1

User Menu 2

NOTES