

USER GUIDE

9750

9850

HARDWIRED CONTROL PANELS

Contents

1. Introduction	3
The Alarm System	3
The Keypads	3
The 725r Remote Setting Device	6
About This Guide	6
2. Everyday Operation	7
How Do I Know if the System is Working?	7
Setting the System	7
Timed Set	8
Exceeding the Exit Time	8
Final Door Set	9
Using an Exit Terminate Button to Set the System	9
Part Setting	10
Instant Set	10
Setting From an Arming Station ...	11
Keyswitch Setting	11
Setting From a 725r	12
If the System Will Not Set	12
Unsetting the System	13
Unsetting From a Keyswitch	13
Unsetting From the Keypad, Arming Station	13
Unsetting from a 725r	13
If You Exceed the Entry Time	13
Starting a PA Alarm	14
Duress Code	14
3. After an Alarm	15
Fire Alarm	15
Disarming the System	15
Resetting the System	15
Customer Reset	16
Remote Reset	16
4. Special Functions	17
Introduction	17
Omitting Zones	17
Omitting 24 Hour Detector Zones	18
Access Codes	18
Duress Code	19
Changing Access Codes	19
Using the Log	19
Table 1. Log Event Codes	20
Setting the Time and Date	21
Turning the Chime On/Off	22

Testing the System	22
Bell Test	22
Walk Test	22
Starting a Call Out to <Downloader>	23

9750/9850 Hardwired Control Panel User Guide.

© Cooper Security Ltd. 2000

Every effort has been made to ensure that the contents of this book are correct. However, neither the authors nor Cooper Security Limited accept any liability for loss or damage caused or alleged to be caused directly or indirectly by this book. The contents of this book are subject to change without notice.

Printed and published in the U.K.

1. Introduction

The Alarm System

The 9750 and 9850 alarm systems comprise a control unit, one or more keypads, and various detectors.

The control unit is a steel box that houses the main controller, power supply, stand-by battery, and any remote communicator. The control unit is normally fitted out of sight in a safe place (for example under the stairs).

The detectors are installed at various places, or **zones**, around the premises. If something triggers a detector then the detector signals back to the control unit. How the control unit reacts depends on whether the system is **set** or **unset**.

When **set** the control unit raises an alarm whenever a detector is triggered. The alarm might be a bell or strobe on the outside of your premises, or it might be a silent signal from the communicator over the telephone line to an Alarm Receiving Centre (ARC). When **unset** the system does not raise an alarm if a detector is triggered.

The system provides different setting **Levels**, labelled A, B, and C. Level A sets the whole system, protecting all of the premises covered by the alarm system. Levels B and C set part of the system, protecting part of the premises while the rest is in use. (Note that the 9750 does not provide a Level C.) The system raises an alarm when a detector belonging to a set Level is triggered. The Installer allocates zones to Levels B and C during installation. Ask your Installer to tell you which zone is allocated to each Level.

Your premises may be fitted with **24 hour** zones and **panic alarm** zones. If these zones are triggered the system will raise an alarm whether or not any Level is set.

The Keypads

Your alarm system can be fitted with two different types of keypad: the 9930 with a liquid crystal display (LCD), and the 9925 arming station. You can set and unset the system from both 9930 and 9925. In addition, from the 9930 you can read the event log and make minor changes to the way the system operates.

You must enter an **access code** before the system will accept commands from the 9930 and 9925. The system can store up to 8 different access codes, providing secure access for 8 users.

Figures 1 and 2 on the next page show the 9930 and 9925 in detail.

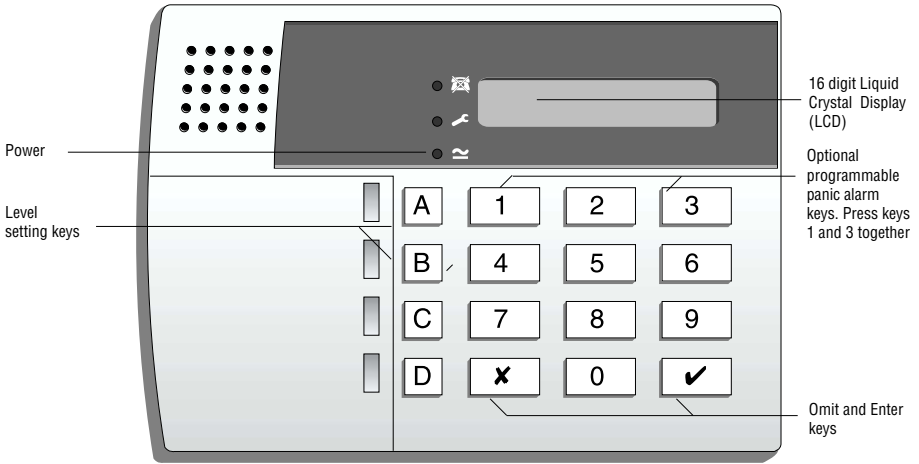





Figure 1. 9930 LCD Remote Keypad.

On the 9930 keypad the display shows the state of detector zones, the anti-tamper wiring, and other information as necessary.

-  Glows steadily if the connected telephone line is not working correctly.
-  Glows steadily if the system needs attention from an Engineer or Installer.
-  Glows steadily when mains power is present. Flashes if the system is working off its stand-by battery.

The keys allow you to enter your access code to set and unset the system. In addition, individual keys let you start or stop various functions. These are:

Key Used to:

- A Set the system to Level A (Full Set).
- B Set the system to Level B.
- C Part set the system to Level C (9850 only).
- 4 Change the user access codes.
- 5 Display the last 250 log events.
- 6 Set the internal clock/calendar, which provides a time stamp on log entries.
- 7 Enable or disable the Chime facility.
- 8 Start a test of the sounders and strobe.
- 9 Start a test of the detectors. (See "4. Special Functions".)

- ✘ Set the system with individual zones temporarily omitted.
- ✔ Enter programming and setting/unsetting commands.

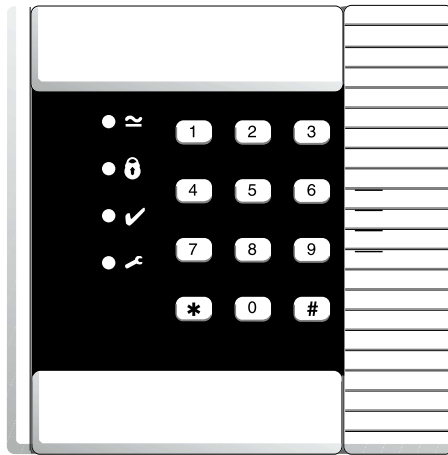


Figure 2. 9925 Arming Station.

On the 9925 arming station:

- ≈ Glows steadily when mains power is present. Flashes if the system is working off its standby battery.
- 🔒 Glows steadily when the system is set (depending on how the Installer has programmed your system).
- ✔ Glows when the system is ready to set (all zones closed).
- 🔧 Glows steadily if the system needs attention from an Engineer or Installer.

The keys allow you to enter your access code to set and unset the system. In addition, individual keys let you start or stop various functions. These are:

Key Used to:

- 1 Set the system to Level A (Full Set).
- 2 Set the system to Level B.
- 3 Part set the system to Level C (9850 only).

The 725r Remote Setting Device

If your alarm system has a 9955 radio expander connected to it then you will be able to use a 725r remote setting device.

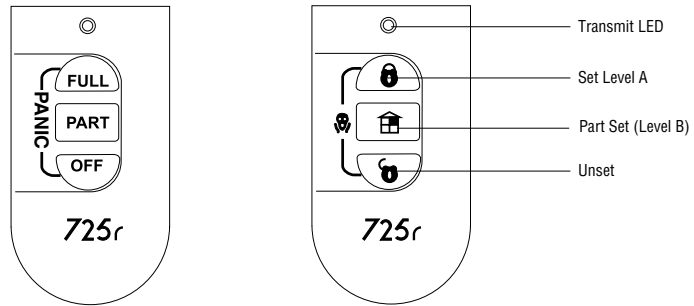







Figure 3. 725r Remote Setting Device

On the 725r the transmit LED glows when the device is sending a signal to the alarm system. The buttons have the following functions:

-  (FULL) Sets the system to Level A.
-  (PART) Part sets the system to Level B.
-  (OFF) Unsets the system.
-  +  (FULL + OFF) Pressing both these buttons at the same time starts a PA alarm.

About This Guide

The rest of this guide tells you how to use the system in more detail:




- 2. Everyday Operation Describes how to set and unset the system.
- 3. After an Alarm Tells you how to switch off the sounders after an alarm, how to see what caused the alarm, and how to reset the system so that it can be used again.
- 4. Special Functions Tells you how to use the more advanced features of the system.

2. Everyday Operation


There are several different ways of setting the system. For all methods (except using a **keyswitch**) you must enter your access code at the keypad or arming station. The Keyswitch method uses a key in a special switch fitted to your premises. "Setting the System" below describes each method. Ask your Installer to provide the method that suits your site best.

During installation the Installer programs the system to create an **exit route** for your premises. When setting the system you must follow this route to leave the premises. You must also follow a specified **entry route** when going into the premises in order to unset the system. If you stray from these routes you may cause a false alarm.

How Do I Know if the System is Working?

The  lamp always glows when the mains power is present. If the  lamp flashes slowly then mains power is off, and the system is working from its internal battery. If the  lamp is dark then the system is dead.

If you have a 9930 keypad then, when the system is set, the display shows which Level is set. **However**, the Installer can program the system to hide this display. Ask your Installer how the system is set up.

If you have a 9925 arming station then the  lamp glows when the system is set.

If you wish to test the system and its detectors, see "4. Special Functions - Testing the System" on page 22.

Setting the System

Your alarm system provides several different methods for setting:

- Timed Set.
- Final Door Set.
- Exit Terminate Button.
- Part Setting.
- Keyswitch Setting.

Ask your Installer which method is fitted, and then use the following pages for detailed instructions.

Timed Set

With Timed Set the system sets after a programmed **exit time** has expired. Ask your Installer to make sure the exit time is long enough for you to leave the premises and close the final door.

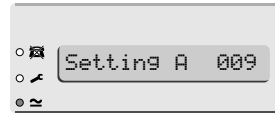
1. Close all doors and windows.
2. Key in your access code at the keypad.
3. Press the appropriate Level key.

Note: If you press ✓ at this point the system sets at Level A.

The exit time starts when you press the ✓ or the Level key. During the exit time the keypads give a continuous **exit tone** to warn you that the timer is running.



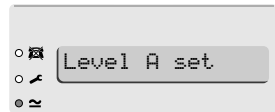
Exit Tone



If you hear an interrupted tone from the keypads or internal sounder then something is triggering one of the detectors. (See also "If The System Will Not Set" on p12.)

4. Leave via the designated exit route. Close the final door.

At the end of the exit time the system sets, and stops the exit tone. The 9930 display shows which Level is set.



Note: If you change your mind about setting the system then key in your access code again.

Exceeding the Exit Time

If something is triggering a detector at the end of the exit time then the system starts an alarm and **does not set**. You can cancel this false alarm by entering your access code immediately.

When you have cancelled the alarm you will have to reset the system (see "Resetting the System" on p15) and restart the setting procedure.

Final Door Set

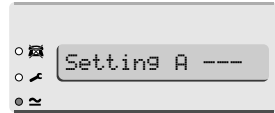
With Final Door Setting the system sets when you close the last door. There is no fixed exit time.

1. Close all doors and windows.
2. Key in your access code at the keypad.
3. Press the appropriate Level key.

The keypad starts the continuous exit tone.



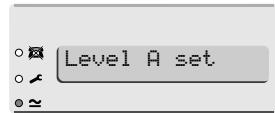
Exit Tone



4. Leave via the designated exit route and close the final door.

The system sets seven seconds after you close the door.

The 9930 display shows which Level is set.



Using an Exit Terminate Button to Set the System

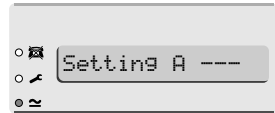
An Exit Terminate Button is usually a button mounted outside the premises by the final door. Pressing the button completes setting the system.

1. Close all doors and windows.
2. Key in your access code at the keypad.
3. Press the appropriate Level key.

The keypad starts the continuous exit tone.



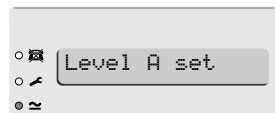
Exit Tone
(see note)



4. Leave via the designated exit route. Close the final door.
5. Press the exit terminate button.

The exit tone stops and the system sets seven seconds after you press the button.

The 9930 display shows which Level is set.



Note: The Installer may have programmed your system to set after a fixed time even if you do not press the exit terminate button. This is to make sure your premises are protected even if you forget to press the exit terminate button. Ask your Installer how your system is set up.

Part Setting

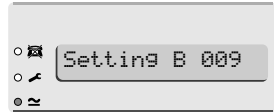
The Installer may have programmed your system so that you can protect part of the premises while the rest is in use. Level keys B and C give different part set areas. (Note that the 9750 does not use Level key C.) Level key A always sets the full system. Ask your Installer which zones keys B and C cover. To part set:

1. Close doors and windows in the protected area.
2. Key in your access code at the keypad.
3. Press B (or C).

The keypad starts the quiet Part Set exit tone (see "Instant Set").



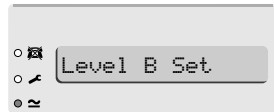
Part Set
Exit Tone



Note: Some Levels on your system may be programmed for **Silent Set**. When setting these Levels the system does not give any tones from the keypads or internal sounder.

4. Leave via the designated exit route and if necessary close the final door.

The exit tone stops and the system sets. The 9930 display shows which Level is set.



Instant Set

The area protected by a part set system may not need an exit route or final exit door. For these areas the Installer may program the B or C keys as Instant Set. With Instant Set the system sets as soon as you press B or C.

Note:

1. Instant set is not available for key A (Full Set).
2. The 9750 does not use key C.

Setting From an Arming Station

The 9925 arming station allows you to set and unset the system in much the same way that 9930 keypad does. However, the arming station does not have a display, or keys A to D.

To full set the system:

1. Close all doors and windows.
2. Key in your access code and then press 1 (or #).
3. Leave the premises and close the final door.

The system completes the programmed exit mode and sets.

To part set the system.

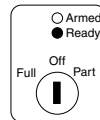
1. Close all doors and windows.
2. Key in your access code and then:
 - Either** press 2 to set Level B
 - Or** press 3 to set Level C (9850 only).

The system completes the programmed exit mode and sets.

Keyswitch Setting

1. Close all doors and windows.

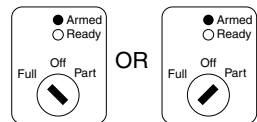
The Ready lamp on the keyswitch should be glowing to indicate that all the detectors are closed. (Some types of keyswitch do not have lamps.)



2. **Either** turn the keyswitch to "Full" to set Level A
Or turn the keyswitch to "Part" to set Level B.

3. Leave the premises and close the final door.


The system sets. The Armed lamp glows.



Setting From a 725r


If your system is fitted with a radio expander, you can use a 725r remote setting device (sometimes called a "telecommand") to set the system.

To full set the system:

1. Close all doors and windows.
2. Press .
3. Leave the premises and close the final door.

The system completes the programmed exit mode and sets.

To part set the system.

1. Close all doors and windows.
2. Press .

The system completes the programmed exit mode and part sets in Level B.

If the System Will Not Set

If you try to set the system while something is triggering one of the detectors in the protected area (for example a door or window is still open) then the keypads or internal sounder will give an interrupted tone and the display will show the zone number of the detector.

1. Go to the zone shown on the display and find out what is triggering the detector. If possible remedy the fault.
2. Return to the keypad and set the system again.
If no other detectors are active the system sets.
3. Repeat steps 1 to 3 if the display shows other zones.
4. If you still cannot set the system then call the Installer.

Unsetting the System

WARNING: If you enter your premises and an internal alarm starts then there may be an intruder.

Unsetting From a Keyswitch

Turn the keyswitch to OFF. The system unsets immediately.

Unsetting From the Keypad or Arming Station

The system has a programmed **entry time**. Ask your Installer to make sure the entry time is long enough for you to enter by the designated entry route, get to the keypad or arming station and unset the system.

The entry time starts when you open the designated entry door. During the entry time the keypads give a "galloping" **entry tone** to warn you that the timer is running.

1. Enter through the designated entry door and go to the keypad or arming station.

As you enter the premises the system starts the entry timer and the keypads and arming stations give the entry tone.



Entry tone

2. Key in your access code.

The entry tone stops. **The system is now unset.**

Unsetting from a 725r

1. Open the designated entry door.

The system starts the entry timer and entry tone.

2. Press  on the telecommand.

The entry tone stops. **The system is now unset.**



Entry tone

If You Exceed the Entry Time

If you regularly have problems exceeding the entry time, ask your Installer about "Dual Ply Entry" and "Alarm Abort".

If your system is programmed for **Dual Ply Entry**, then the control unit adds a 30 second grace period to the end of the entry time. During that grace period the keypads and arming stations give a high pitched continuous tone to warn you that the entry time has run out.

If your system is connected to an ARC and you accidentally create an intruder alarm yourself then you normally have at least 90 seconds to cancel the alarm before the Centre calls the police. This feature is called **Alarm Abort**, ask your Installer for more details.

Starting a PA Alarm

(Note that the Installer must program your system to enable this function.)

The alarm system allows you to start a Panic Alarm yourself from the keypads, arming stations, or 725r telecommands. To do this you must press two keys at the same time. Remember:

To start a Panic Alarm:

On a keypad press 1 & 3 together.

On a 725r press  and  together.

Duress Code

There may be a time when an intruder forces you to unset your alarm system. There is a special duress code designed to allow you to unset the system while you are being watched. When you use the code the alarm system sends a silent panic alarm to the ARC. The alarm system gives no other indication that you are using the duress code.

Note that you must ask your Installer to make sure the duress code facility is available. To create the duress code see page 19.

3. After an Alarm

When your system raises an alarm you must **disarm** it in order to switch off the sounders and strobes. The system keeps a record of which zone(s) triggered the alarms, and shows the zone number(s) on the keypad display. Once you have disarmed the system, you must **reset** the system before you can start using it again.

Fire Alarm

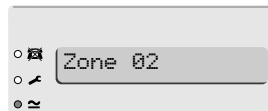
The system gives a fire alarm by sounding a warbling tone from the keypads and alarm sounder. The 9930 display shows the letters "Fire".

1. Evacuate the premises and call the Fire Brigade. Do not attempt to unset the alarm.
2. When the premises are safe, follow the instructions below.

Disarming the System

1. Go to the keypad or arming station via the entry route.
2. Key in your access code.

The sounders go quiet. The 9930 display shows alarm and the zone number of the first detector to be triggered. You may also see the Service lamp glowing.



3. Establish the cause of the alarm.
4. Carry on to reset the system.

Resetting the System

There are three different methods for resetting. You can tell which method your system uses by looking at the 🔑 lamp after an alarm.

- If the 🔑 lamp is dark then the system uses **Customer Reset**. You can reset the system yourself from the keypad or arming station.
- If the 🔑 lamp glows after an alarm then your system uses **Engineer Reset**. Call your alarm company and ask for an engineer to visit the premises to reset the system.
- If the 🔑 lamp glows after an alarm **and** your system is connected to an ARC then your system may use **Remote Reset**. Your alarm company will give you instructions over the phone and a special code so that you can reset the system from the keypad.

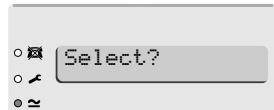
Customer Reset

1. Key in your access code and press ✓ .
The display clears.
2. You can now use your system as normal.

Remote Reset

Before starting this process, make sure you have a pen and paper to hand. You will need to write down some information shown on the keypad. If you have not carried out a remote reset before, read the instructions through before starting.

1. Key in your access code.
The display shows:

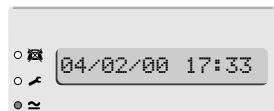


2. Press ✓ .
The display shows a four digit Reset Code.



3. Write down the four digit Reset Code. Note that the system will display the Reset Code for 30 seconds and then return to showing the first detector to alarm. If you miss the Control Code repeat steps 1 to 3.
4. Contact your alarm company's ARC.
The ARC will ask a few questions to make sure you are who you say you are. They will then ask for the circumstances of the alarm, and for the Control Code. If they do not need to send an Engineer to check the system they will give you a "Reset Code".

5. Key in the Reset Code on the keypad.
The display clears and the Service lamp goes out.



6. You can now use your system as normal.

Note: Your alarm company may use "RedCare Reset". Ask your Installer for more information about this form of reset.

4. Special Functions

Introduction

From the 9930 keypad (but not the 9925 arming station) you can perform a number of other functions, apart from setting and unsetting the system.

These functions are:

[Access code] + A (B or C) + ✖	Omit zone while setting.
[Access code] + ✖	Omitting 24 hour zones.
[Access code] + 4	Changing access codes.
[Access code] + 5	Reading the system log.
[Access code] + 6	Setting the time and date.
[Access code] + 7	Turning the chime on or off.
[Access code] + 8	Testing the sounders.
[Access code] + 9	Testing the zones.
[Access code] + 0	Call out to <Downloader>.

To use these functions you must key in your access code and then press a number key. The rest of this section describes each function in turn.

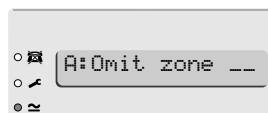
Omitting Zones

Your system may be programmed so that you can omit individual detectors when setting the system. Ask your Installer which zones can be omitted. Note that omission is not permanent. You must omit the zone every time you set the system.

To set with a zone omitted:

1. Key in your access code.
2. Press the appropriate Level key, and then within 5 seconds press ✖.

The display shows:

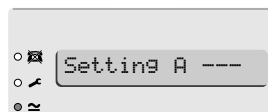


3. **For zones 1 to 9** press the number of the zone you want to omit (for example, key in 2 to omit zone 2).

For zones 10 to 16 press ✖ followed by a number 0 to 6 (for example, key in ✖ 2 to omit zone 12).

The display shows:

To omit more zones press ✖ again within 5 seconds.



The system carries on to set as normal. The system will not raise an alarm if the omitted zone is triggered.

Note: The next time you set the system the zone will operate as normal; omission only lasts for one setting/unsetting cycle.

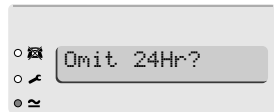
Omitting 24 Hour Detector Zones

If your system is fitted with 24 Hour Detector Zones, you may be able to omit them if necessary. For example, your premises may have a fire door that you occasionally open. Ask your Installer if this is possible.

If your system is programmed to allow you to omit a 24 hour zone, then:

1. Key in your access code and press **X**.

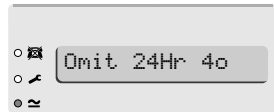
The display shows:



2. **For zones 1 to 9** press the number of the zone you want to omit (for example, key in 7 to omit zone 7).

For zones 10 to 16 press **X** followed by a number 0 to 6 (for example, key in **X 2** to omit zone 12).

The display shows the zone number followed by a "o":



To reinstate a 24 hour zone:

1. Key in your access code.
2. Press **X** followed by the zone number and then **✓**.

Access Codes

The system can store up to 8 different user access codes. For security you should give one code to each person who has responsibility for setting and unsetting the system. Do not allow users to share codes.

Every time someone enters an access code on the keypad the system records the event in its log. To distinguish all the users and keep their access codes hidden, the log shows each user as a number, for example "User 02", "User 03" and so on.

When delivered from the factory all access codes are set to default numbers. User 01 default access code is "1234". You should change this immediately to a code that only you know.

User 02 default access code is "**X** 002", User 03 is "**X** 003" and so on up to User 08 (**X** 008). However, the default access codes for these users cannot set or unset the system, or use any of its special functions.

Note: 9850 systems can use four- or six- digit access codes, ask your Installer for more information. This feature is not available on 9750 alarm systems.

Duress Code

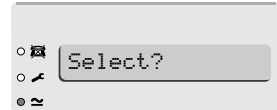
If your system is connected to an ARC, you may want to give some of the users a **Duress Code** as well as their normal access code. Anyone with the Duress Code can use any of the system facilities. However, if a user enters the Duress Code to unset the system, then the control unit sends a silent alarm call to the ARC. The Duress Code is designed for times when a user is being forced to unset the alarm system by an intruder.

When the control unit is delivered from the factory the Duress Code is "X009". This code is inactive until you change it.

Changing Access Codes

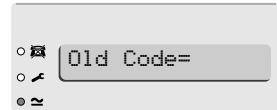
1. Enter User 01 access code.

The display shows:



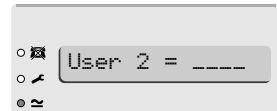
2. Press 4.

The display shows:



3. Key in the access code you wish to change and press ✓ .

The display shows
(for example):

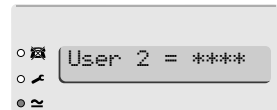


4. Key in the new access code that you wish to use.

Note: Do not use 0 (zero) as the first digit of the code.

If you wish to delete a code, key in "0000".

5. Press ✓ to store the new code.

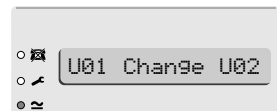


Using the Log

The system keeps a log of the last 250 events. You can examine this log from the keypad. To use the log:

1. Key in your access code.
2. Press 5.

The display shows the most recent event, for example:



The display shows a short message for each type of event. Table 1 on the next page shows each of the messages that you might see, and their meaning.

4. Special Functions

3. Press ✓ to toggle the display between the time and date of the event and the log report. Press 1 to see earlier events in the log. Press 3 to see more recent events.
4. Press ✕ to stop using the log.

Table 1. Log Event Codes

Message	Meaning
EEProm Fail	Internal error, contact Installer.
Codes Defaulted	The access codes have been reset to default values.
Clear Log	The system programming has been returned to default values.
System Startup	System was started (power applied).
System Tamper	Control unit lid opened.
System Tamp Rst	System tamper reset.
Sounder Tamper	Sounder lid opened.
Sounder Tamp Rst	Sounder tamper reset.
Unn On-Site	User nn (see next page) put system into programming mode.
Unn Off-Site	User nn (see next page) put system out of programming mode.
Unn Change	User nn (see next page) changed their user code.
Unn Delete	User nn (see next page) deleted their user code.
Unn L# Set	User nn (see next page) set Level #.
Unn L# UnSet	User nn (see next page) unset Level #.
U12 L# Set	Telecommand set Level #.
U12 L# UnSet	Telecommand unset Level #.
U13 L# Set	Keyswitch set Level #.
U13 L# UnSet	Keyswitch unset Level #.
System Rearmed	System auto rearmed.
Unn Znn Omit	User nn (see next page) omitted zone nn.
Unn Znn Unomit	User nn (see next page) re-instated zone nn.
Fire Znn Alarm	Fire alarm at zone nn.
Fire Znn Rstr	Fire alarm at zone nn restored.
Fire Znn Reset	Fire alarm at zone nn reset.
PA Znn Alarm	Panic alarm at zone nn.
PA Znn Rstr	Panic alarm at zone nn restored.
Unn System Unset	User nn (see next page) unset system.
PA Knn Alarm	Panic alarm started at keypad nn.
Burg Znn Alarm	Intruder alarm at zone nn.
Set Fail Znn	Setting failed because of zone nn.
Burg Znn Rstr	Intruder alarm at zone nn restored.
Tamper Znn	Tamper at zone nn.
Knn Missing	Keypad nn missing.
Knn Restore	Keypad nn restored.
Knn Tamper	Tamper at keypad nn.
Knn Excess Keys	Too many keys pressed at keypad nn (someone may be trying to guess the access code).
Low Bat Znn	Radio detector nn has reported a low battery.
Low Bat Znn Rstr	Low battery report from zone nn restored.
RF Jamming	Radio jamming detected.
RF Jamming Rstr	Radio jamming stopped (restored).
RF Sup Fail Znn	Radio detector nn is not responding.
RF Sup Rstr Znn	Radio detector nn is responding again (restored).
Tel Line Fault	Communications (telephone line) fault detected.

Tel Line Rstr	Communications restored.
Comms Fail	The communicator failed to report.
AC Fail	Mains failed.
AC Restore	Mains restored.
Low Battery	Standby battery is low.
Low Batt Rstr	Standby battery restored.
Batt Missing	12V supply from standby battery not present.
Batt Missing Rstr	12V supply from standby battery restored.
Batt Load Fail	Standby battery has failed load test. Call Installer.
Aux DC Fail	Power supply to wired detectors has failed.
Aux DC Fail Rstr	Power supply to wired detectors restored.

In the log user codes are represented by numbers as follows:

U00	Installer	U06	User code 6	U13	Keyswitch
U01	User code 1	U07	User code 7	U14	Remote Reset
U02	User code 2	U08	User code 8	U15	Download
U03	User code 3	U09	Duress code		
U04	User code 4	U11	(For future use)		
U05	User code 5	U12	Telecommand		

Note that neither the Installer nor the user can erase the log.

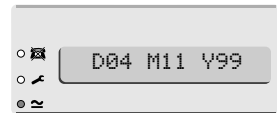
Setting the Time and Date

The control unit contains an internal clock/calendar that runs as long as there is power present (mains or stand-by battery). The system uses this clock to mark the time and date on the system log. If the power supply fails for any reason, and the stand-by battery is low, then the system loses track of the correct time and date. You may also need to change the time if you live in a country that uses summer/winter time.

To set the time and date:

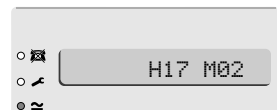
1. Key in your access code.
2. Press 6.

The display shows the date.



3. Key in two digits for the day followed by ✓ .
4. Key two digits for the month (01 for January, to 12 for December) followed by ✓ .
5. Key in two digits for the year, followed by ✓ .

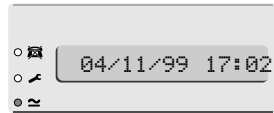
The display shows the time.



4. Special Functions

6. Key in two digits for the hour followed by ✓. (Use the 24 hour clock.)
7. Key in two digits for the minutes, followed by ✓.

The display shows the new time and date:



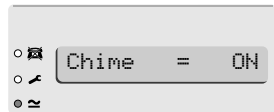
Turning the Chime On/Off

Your system may be programmed so that a chime tone sounds whenever certain doors are opened while the system is unset. To turn Chime on or off:

1. Key in your access code.
2. Press 7.

The display shows:

(Press 7 again to toggle Chime OFF.)



3. Press ✓.

Testing the System

Bell Test

You can test that the internal and external sounders, and the strobe, are all working as follows:

1. Key in your access code.
2. Press 8.

The system turns the external sounder, strobe, internal sounder(s) and keypad sounders on for three seconds each, one after the other. Note: The strobe flashes for 10 seconds in order to give you time to see it.

Walk Test

You can set the system so that it will allow you to walk round the premises and test each of the detectors (a **walk test**). Choose a time when the premises are empty to carry out the test, otherwise people may trigger any movement detectors before you do, and confuse the results of the test.

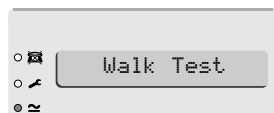
If any detector fails the test then call your alarm company and ask them to check the system.

Note: *If your system is fitted with 24 hour or personal attack detectors, you cannot walk test them. If you wish to test them call your alarm company.*

1. Key in your access code.

This display shows:

2. Press 9.

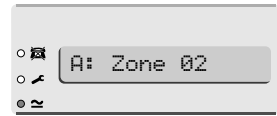


- Walk round your premises and trigger each detector in turn (except 24 hour or personal attack detectors).

As you trigger a detector the keypad and internal sounder give a short tone. The display shows the zone number of any detector(s) that you have triggered. If there is more than one detector triggered then the display show the number of each detector in turn.



"beep"



- Press ✓ to stop the test when you have triggered all the detectors.

Note:

- You can abandon the test at any time by pressing ✓ .
- You cannot test Fire or PA zones with this command.
- You cannot test tamper circuits with this command.

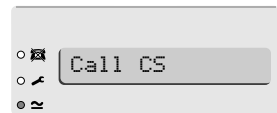
Starting a Call Out to <Downloader>

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

There may be times when your Installer asks you to make your alarm system start a telephone call out to <Downloader> . To do this:

- Key in your access code.
- Press 0 then ✓ .

The display shows:



Your alarm system may be connected to <Downloader> for several minutes.

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

ZONE	DESCRIPTION	WHOLE SYSTEM (A)	PART SET B	PART SET C (9850 ONLY)	OMIT ALLOWED	CHIME
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Bell Duration	
Engineer Reset	
Communicator Fitted	
Exit time	
Entry time	
Keypad PA	

Day contact Tel: _____

Night contact Tel: _____

<p>Company Name:</p>
