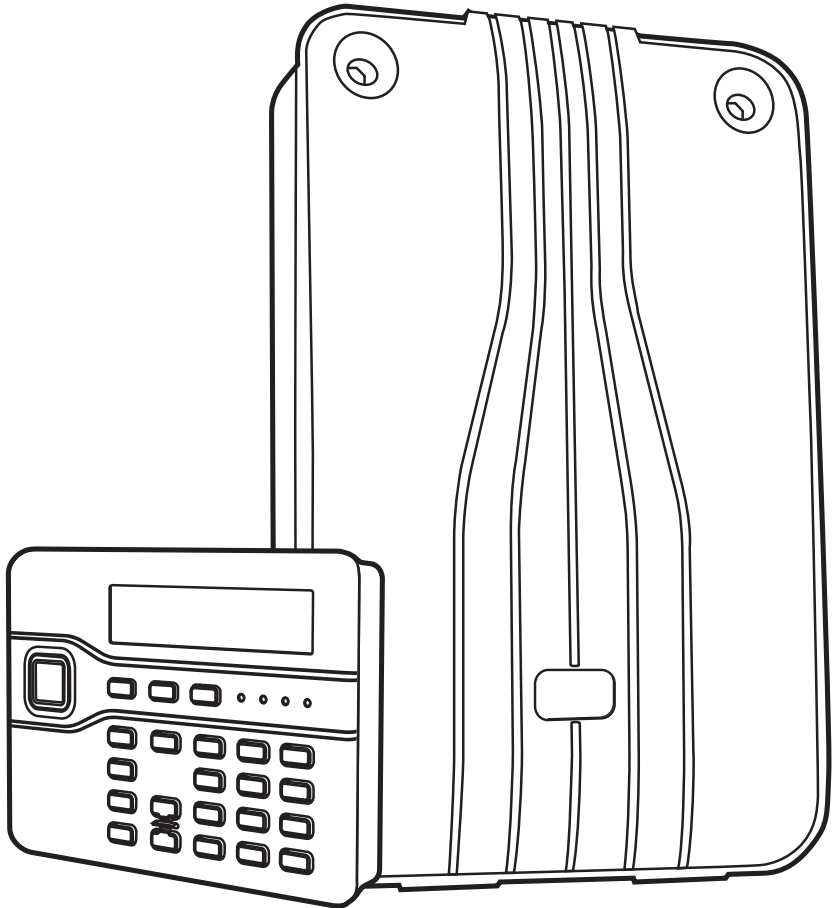


# i-on 40

## Security System User Guide



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**Warning:** Mains voltages are present inside control unit. No user serviceable parts inside.

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# After an Alarm

If the siren is sounding then the system has started an alarm. If you have one, the strobe will also be flashing.

**Take Care! Intruders may be present.**

## To Silence the Siren:

1. **Make sure it is safe to enter the premises:**

2. **Either** key in your access code



Enter Access Code  
( \* \* )

**OR** present your tag.



Press tick to Reset  
Burg Z04 Alarm

The siren stops.

**The bottom line of the display shows the first zone to alarm.**

## Before you can set the system again:

3. Press ✓ to reset the system.

4. The system returns to standby, and is ready to set again.

i-on40  
12:20 11/09/2009

(The top line may show the installer's name.)

## If the display shows:

Call Installer:  
Burg Z04 Alarm

Contact your alarm installer. They will reset the system for you.

Call ARC: Quote 1234  
\*\*\*\*

Make a note of the number on the display after the word "Quote" and contact your alarm receiving centre (ARC). They will ask you for the number and tell you what to do next.

### Notes:

*The alarm system may be connected to a communications network, and send alarm messages to one or more alarm receiving centres. If the alarm started by accident, phone the relevant centres and tell them.*

*The control unit logs the alarm information. You can reset the system (step 4 above) without losing information about the cause of the alarm. See page 11 for instructions on how to read the log.*

# Setting the System Using an Access Code or Tag:

## Do this:

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

2. **Either** key in your access code



**OR** present your tag.



3. Press ▲ or ▼ to select the option you want.



4. Press ✓.



5. Leave by the designated exit door.

6. At the end of the exit time the system sets.

## The display shows:

```
i-on40
12:20 11/09/2009
```

(The top line may show the installer's name.)

```
Enter Access Code
(** )
```

As you key in your code the display shows a "\*" for each digit.

```
Setting Options  ↑
A : Full Set
```

The bottom line of the display shows the first item in the setting options menu.

```
Setting Options  ↑
B : Part Set B
```

The bottom line of the display shows each item from the rest of the menu in turn.

```
Setting: Part Set B
10 to set
```

The keypad sounds the exit tone (a continuous tone). The top line of the display shows the part of the system being set, the bottom line shows the remaining exit time (in seconds).

*Note: If the system is programmed to set instantly make sure you are outside the protected area before pressing ✓.*

```
System Set
```

followed by:

```
i-on40
12:20 11/09/2009
```



One of four LEDs glows to show which part of the system is set.

*Note: The installer may have disabled the LEDs to ensure that the alarm system meets the appropriate standards.*

*Note: if you want to stop setting then press unset.*



# Unsetting the System:

When unsetting the system do not stray from the entry route designated by the installer. If you do so then you will cause an alarm.

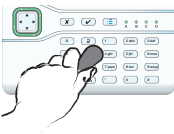
## Do this:

1. Enter by the designated entry door or route.  
**Go directly to the keypad.**

2. **Either** key in your access code



**OR** present your tag.



## The display shows:

```
i-on40
12:20 11/09/2009
```

The keypad sounds the entry tone (an interrupted tone). The system starts the entry timer.

```
Enter Access Code
(** )
```

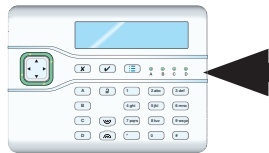
As you key in your code the display shows a "\*" for each digit.

```
System Unset
```

The keypad stops the entry tone. The system is unset.

followed by:

```
i-on40
12:20 11/09/2009
```



LEDs "A" to "D" should be dark, showing that the system is unset.  
*Note: The installer may have disabled the LEDs to ensure that the alarm system meets the appropriate standards.*

## Notes:

*You might not be familiar with some of the terms used in this book.*

*"Full Set" means that **all** the detectors in the system are being monitored. If there is any activity on any detector then the system will start an alarm.*

*"Part Set" means that the system is monitoring some detectors but not others. The installer selects those detectors that should be monitored during a Part Set.*

*"Partition" is a segment of the whole system that may not be accessible to some users. Some users can only set a single Partition. Other users may be able to set two, three or all four Partitions. See the next page for instructions on how to set and unset individual Partitions.*

# Setting/Unsetting Partitions:

If the installer has split your system into "partitions" you may be allocated to more than one of them. In that case you can set (or unset) each partition independently of all the others.

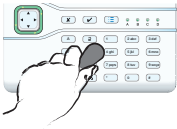
## Do this:

1. Make sure the system is idle. If you want to set a partition, secure all the windows and doors in that partition.

2. **Either** key in your access code



**OR** present your tag.



3. Press ▲ or ▼ to show "Partitions".



4. Press ✓.



5. Press ► or ◀ to select the change that you want.



6. Press ▲ or ▼ to show any other Partitions to which you have access.



## The display shows:

```
i-on40
12:20 11/09/2009
```

(The top line may show the installer's name.)

```
Enter Access Code:
(** )
```

As you key in your code the display shows a "\*" for each digit.

```
Setting Options ↑
Full Set All
```

The bottom line of the display shows the first item in the setting options menu.

*Note: If you enter a partition and start the entry timer (you can hear the entry tone) then as soon as you enter a valid access code or tag the system unsets that partition. See the previous page.*

```
Setting Options ↑
Partitions >
```

"Partitions" is the second or third item down on the setting options menu.

```
Partitions: ↑
Partition 1 U
```

The bottom line of the display shows the possible states of the first partition:  
 U = Unset  
 S = Full Set  
 P = Part Set

```
Partitions: ↑
Partition 1 U>P
```

"U>P" = change to Part Set.  
 "U>S" = change to Full Set.  
 "S>U" = change to Unset  
 "P>U" = change to Unset

```
Partitions: ↑
Stores S
```

*Note that the installer may have given the Partition a name.*

# Setting/Unsetting Partitions (Continued):

## Do this:

- Press ◀ or ▶ to select the change you want for the Partition.



- Press ✓ when you have finished changing all the Partitions to which you have access.



- Leave by the designated exit door (if necessary).

- at the end of the exit time the selected Partition(s) set.

## Notes:

*If you want to stop setting then press Unset. If a Partition is Full Set then you cannot go directly to Part Set. You must unset the Partition first. If the Partition is Part Set then you cannot go directly to Full Set. You must unset the Partition first.*

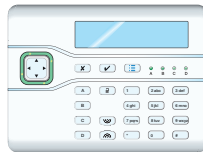
## The display shows:

```
Partitions:      ↓
Stores          S>U
```

*Note: If a partition is programmed to set instantly make sure you are outside the protected area before pressing ✓.*

```
Setting
10 to set
```

```
i-on40
12:20 11/09/2009
```



```
✕ ✓ ☰
```



"U>P" = change to Part Set.  
 "U>S" = change to Full Set.  
 "S>U" = change to Unset  
 "P>U" = change to Unset

Partitions you have chosen to **unset**, unset immediately. Partitions you have chosen to **set** start their exit timer (or set immediately - see note.).

The keypad sounds the exit tone (a continuous tone). The top line of the display shows the part of the system being set, the bottom line shows the remaining exit time (in seconds).

One or more of LEDs marked "A" to "D" glows to show which partitions are set. If a LED flashes the Partition is Part Set. (There may be a short delay before all the appropriate LEDs glow.)  
*Note: The installer may have disabled the LEDs to ensure that the alarm system meets the appropriate standards.*

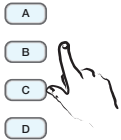
## Quick Set:

Quick setting does not require the use of an access code or tag. The installer must enable this facility for you. (Note that in order to make the alarm system comply with certain regulations the installer may not be allowed to provide this facility.)

### Do this:

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

2. Press A, B, C or D



3. Leave by the designated exit door.

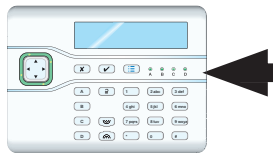
4. At the end of the exit time the system sets.

### The display shows:

```
i-on40
12:20 11/09/2009
```

```
Setting: Part Set B
10 to set
```

```
i-on40
12:20 11/09/2009
```



(The top line may show the installer's name instead of "i-on40".)

The keypad sounds the exit tone (a continuous tone). The top line of the display shows the part of the system being set, the bottom line shows the remaining exit time (in seconds).

While the system is set the display shows the time and date.

One or more of the LEDs marked glow to show which part of the system is set. If a LED flashes then a Partition is Part Set.

*Note: The installer may have disabled the LEDs to ensure that the alarm system meets the appropriate standards.*



# Using a Radio Keypad

## Setting

Secure all your windows and doors. Make sure the system is idle, and that you can hear the warning tones from the sounders.

1. Key in a valid access code.
2. Press either A, B, C or D to set the portion of system that you require.  
(If you wish to stop setting while the exit tone sounds, then press **⏏**.)  
The left hand LED glows to show that the keypad is transmitting.
3. Leave by the exit door and make sure that it is closed properly.

## Unsetting

1. Enter by the designated entry door.
2. Key in a valid access code.
3. Press **⏏**.

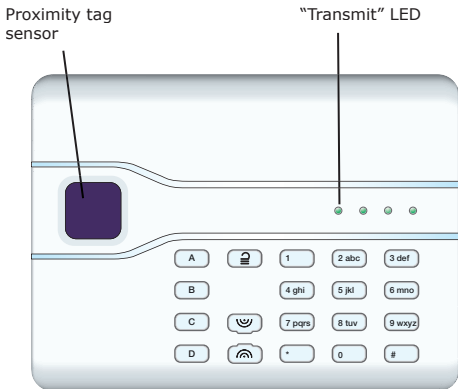
## Silencing an Alarm

1. Key in a valid access code.
2. Press **⏏**.

## Using a Proximity Tag With a Radio Keypad

If you wish to use a Proximity Tag with the radio keypad in place of an access code, then hold the tag up against the proximity tag sensor.

The keypad glows blue and gives a "click" to show that it has recognised the tag.



*Note: The radio keypad does not show the status of the alarm system at all. The left hand "Transmit" LED glows only to show that the keypad is sending a command to the control unit.*

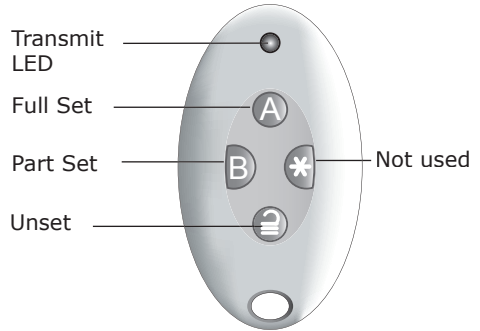
# Setting by Remote Control

*Note: You must ask your Administrator to provide a suitably programmed remote control, see i-on40 Administrator's Guide.*

Secure all your windows and doors.

Make sure the system is idle, and that you can hear the warning tones from the sounders.

1. Press the appropriate button on the remote control, either full set (A) or part set (B).



2. The keypad sounds the exit warning tone. Leave by the exit door and make sure it is closed properly (if you have not already done so).

At the end of the exit time the exit tone stops you should hear a double "beep" confirmation tone. The keypad display shows the message "System Set" for a few seconds. The installer may also have programmed your external sounder/strobe to flash briefly, and one of the keypad LEDs to glow to indicate which part of the system is set.

## Unset by Remote control

1. Enter by the designated entry door.
  2. Press **⏏** on your remote control.
- The system unsets. At this point the system displays the standby screen.

## If The System Will Not Set

If one of the detectors is still active when you try to set the system then you will not hear the exit warning tone.

What happens next depends on how the installer has set up your system.

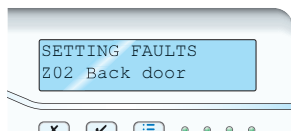
- a) Try pressing A once more on your remote control. If the installer has programmed the system to do so then it will carry on and set, omitting the active detector.
- b) If the system will not set on the second press of button A then you will have to go to the keypad and set the system from there.

## If the System Will Not Set

Normally, the system will set only when all the detectors are "quiet", that is: not reporting any activity.

If you have the final exit door open, or if you trigger one of the detectors on your exit route, then the keypad and internal sounder will give an interrupted setting tone (this is normal). Make sure that you close all the doors on your exit route and the final exit door as you leave. The interrupted tone will change to a continuous exit tone, and the system will set normally.

If you try to set when one or more detectors NOT on your exit route are still active then the display shows the words "SETTING FAULTS". The bottom line of the display tells you which zone is active, for example:



You can make the system "omit" those active zones, either while you are setting the system (see below) or beforehand (see page 11 for instructions on how to omit zones before setting the system).

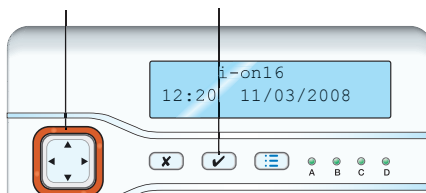
1. Follow the instructions on pages 4 to 7 to as necessary to set the system.  
If any detectors are not yet ready to be set then the top line of the display shows  
SETTING FAULTS
2. EITHER Press ✓ to carry on setting.  
The system sets with the active zones omitted.  
OR Stop the setting process by pressing X.

## Alerts (Why is it Beeping?)

From time to time the control unit may detect that there is a problem with the system. It will try to inform you of this by starting an alert. During an alert the rim of the navigation pad glows red, and the keypad will give a short "beep" every few seconds.

Red means Alert

Press ✓



### To see the cause of the alert:

1. Make sure the system is unset and that the keypad display shows the standby screen.
2. Press ✓ .  
The display asks you to key in an access code.
3. Key in a user access code (or present a tag).  
The bottom line of the display shows a message describing the most recent active alert.  
If you press ▲ or ▼ then the system will show you any other alerts that may be active.
4. **Either:**  
Press ✓ to acknowledge that you have read the alert.  
If there are no other alerts the rim of the navigation pad will glow green and the keypad will return to its' standby screen. In addition the keypad will stop beeping.  
**Or** press X. The rim of the navigation pad will stay red and the system will show the text of the alert the next time you key in an access code.

Note:

1. The keypad(s) will not beep for short interruptions of mains power. If the cause of an alert goes away, then the system will remove the alert message.
2. The system records all alerts in the log, with the time when you acknowledged them.

# Administration

The **≡** button lets you carry out some administrative tasks, for example changing your access code. Your degree of access to these tasks depends on what type of user you are:

Normal user	Can change your own access code. Can turn the Chime feature on or off. Can operate outputs (if they have been programmed for you). Can view the log.
Guard	Can unset their allocated partition when it is in alarm, then reset, and set it again.
Set only user	Can set (but not unset) their allocated partition.

Master Users and Administrators have access to other functions. For more information please see the i-on40 Administrator's Guide.

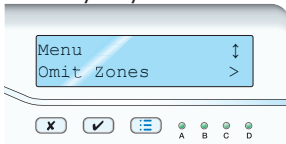
## Entering the Menu

1. Make sure the display shows the standby screen (time and date).
2. Press **≡** and key in your access code. The display shows the first item in a list of options.
4. Press **▲** or **▼** to scroll through the options available, followed by **▶** to gain access to an option.
5. Press **✓** to confirm an option when you have finished making changes.
6. Press **✕** (if necessary several times) to leave the User Menu.

## Omitting Zones

You may wish to prevent a zone causing an alarm. For example, if your garage door is protected by a detector, but you wish to leave it unlocked for the delivery of a parcel, you may wish to omit that detector when you set the rest of the system. To do this:

1. Press **≡** and key in your access code.



2. Press **▶** to select *Omit Zones*. The bottom line of the display shows the first of a list of zones.
2. Press **▲** or **▼** to display the zone you wish to omit.
3. Press **▶** to mark the zone for omission. The character at the end of the line

changes to an "O" to show that the zone will be Omitted.

If you change your mind then press **▶** again so that the end of the line shows an "I" (for Included).

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

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

## Change Your Access Code

To change your access code:

1. Press **≡** and key in your access code.
2. Press **▲** or **▼** until the display shows *Users*, then press **▶**. The bottom line of the display shows "Code".
3. Press **▶**. The top line of the display shows "Assign Access Code".
4. Key in your new access code. Access codes must be four digits long. When you press the last digit of the access code the display asks you to key in the same access code again.
5. Key in the same digits again, in the same order.

When you key the last digit the display confirms that you have changed the code, and returns you to the Menu.





## View the Log

The control unit keeps a log of the last 1000 events (for example, alarms and who has set/unset the system). To read the log:



1. Press **≡** and key in your access code.
2. Press **▲** or **▼** until the display shows *View Log* then press **▶**. The display shows you the most recent log event.
3. Press **▲** or **▼** to scroll through the log. **▼** shows earlier events, **▲** shows more recent events.
4. Press **▶** to see a more detailed description of the event (for example the names of zones or users, if they have been programmed in).
5. Press **✕** to finish viewing the log.

## **Turn the Chimes On/Off**

The installer may have set up your alarm system to give a chime tone whenever something triggers one or more detectors while the system is unset. If you wish to switch this feature off (or on) then:





1. Press  and key in your access code.
2. Press  or  until the display shows *System Config* then press .

The top line of the display shows *Facilities On/Off* and the bottom line of the display shows the current state of the chime feature, for example "Chime On" if chime is currently working.






3. Press  till the bottom line of the display shows the status you want (for example "Chime Off" if you want to silence the chime feature).
4. Press  to leave the option when you have finished making changes.

## **Activate User Output**

The installer may have connected some external equipment to one of the control unit's outputs, for example an external light or a gate opening mechanism. If so, and the installer has programmed the control unit to do this, then you can activate that output from the keypad:

1. Press  and key in your access code.
2. Press  or  until the display shows *Outputs On/Off* and then press .

The bottom line of the display shows the first of a list of outputs that you can activate.

3. Press  or  to select the output you want.
4. Press  to activate the output. Press  again to deactivate the output.
5. Press  when you have finished.

