i-on
Next Generation
Quick User Guide

Hold prox tag near face of keypad.

Display shows:
Time and date when system off (unset).
First zone to alarm after alarm
Read log here.

Glowing = On (set)
Off = Off (unset)
Flashing = Part Set
(part setting systems only)

Key in access code
here

Key in access code
here

Navigation:
up, down, left, right

} HUA/PA keys

✘	NO	
✔	OK	
☰	MENU	
⌷	UNSET	

A — FULL SET*

B
C } PART SET*
D
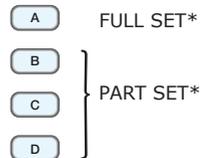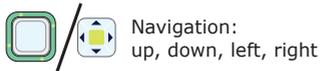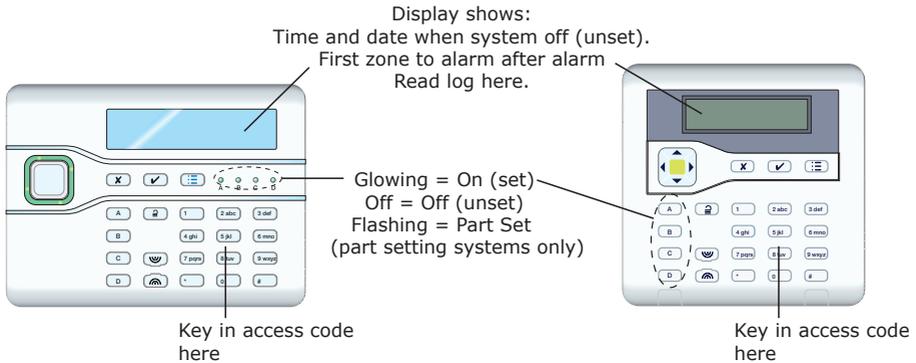
*Depends on programming.

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Setting the System:

1. Go to the keypad and key in your access code. (Alternatively, if you have a proximity tag, present your tag to the keypad.)
2. *If you have a Part-Setting System:*
   Press:
   > A - To set the system fully.
   > or
   > B, C or D - To part set the system.

   If you have a Partitioned System:
   Press:
   > A - To set partition 1.
   > or
   > B, C or D - To set partition 2, 3 or 4.

   Note: Your installer may have programmed A, B, C and D to have a different function.
3. Leave by the designated exit door or route.

The keypad sounds the exit tone and the display shows the remaining exit time in seconds; for example:

```
Setting:Full Set
    10 to set
```

At the end of the exit time, the warning tone stops; you should hear a double-beep confirmation tone. "System Set" is displayed for a few seconds. The installer may also have programmed your external sounder/strobe to flash briefly.

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

If programmed, the LEDs can glow to show if the system is full set (A) or part set (B, C or D).

Unsetting the System:

When unsetting the system, do not stray from the entry route designated by the installer. You may cause an alarm if you do.

1. Enter by the designated entry door or route. The keypad sounds the entry tone. The system starts the entry timer.
2. Go directly to the keypad and either:
   Key in your access code
   Or
   Present your tag to the keypad.
3. The keypad stops the entry tone. The system is unset.

To Silence the Siren:

1. In the event of an alarm, the siren sounds.
2. **If it is safe to enter the premises:**
   Go to the keypad and EITHER key in your access code OR present your tag.

The siren stops.
The display shows the first zone to alarm.

```
Press tick to Reset
Burg Z04 Alarm
```

3. Press ✔ to reset the system.
4. The system returns to standby, and is ready to set again.

If the System Will Not Set

Normally, the system will set only when all the detectors are "quiet", that is: not reporting any activity. (This does not apply to those detectors on your exit door or exit/entry route. The system expects these detectors to be active as you leave the protected area.)

If you try to set when one or more detectors are still active then the display shows the words "SETTING FAULTS" and which zones are active. You can make the system "omit" those active zones, either while you are setting the system (see below) or beforehand (see page 4 for instructions on how to omit zones before setting the system).

1. Follow the instructions in *Setting the System*. If any detectors are not yet ready to be set, the top line of the display shows (for example):

```
SETTING FAULTS
Z02 Back door
```

2. EITHER Press ✔ to carry on setting. The system sets with the active zones omitted.
   OR Stop the setting process by pressing ✗.

Set by Remote Control

Note: You must program the control unit to recognise ("learn") a remote control or two-way fob, see the Administrator's Guide.

Remote Control
(Default settings shown)

Transmit LED

Full Set*

Part Set*

Unset

Program-mable

*All partitions in a partitioned system
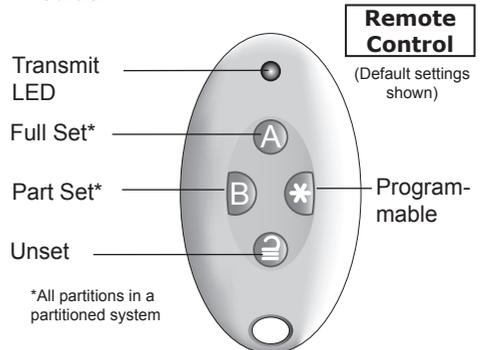
Secure all your windows and doors.

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

1. Press the appropriate button on the remote control, either full set (A) or part set (B). The keypad sounds the exit warning tone.
2. Leave by the exit door and make sure it is closed properly (if you have not already done so).

See *Setting the System* opposite.

Set by Two-Way Fob

Note: You must program the control unit to recognise ("learn") a two-way fob, see the i-on *Administrator's Guide.*

Two-Way Fob
(Default settings shown)

Full Set*

LEDs

Query

Unset*

LEDs

Part Set*

*In a partitioned system, the button sets/unsets only the partition the fob is assigned to.
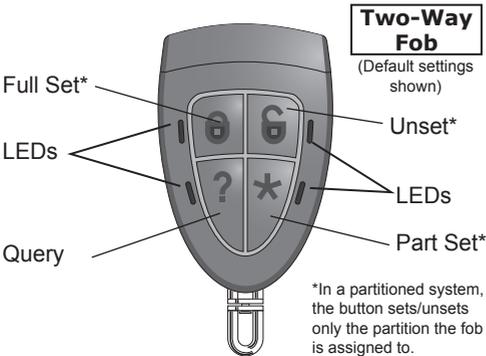
Secure all your windows and doors.

Make sure the system is idle, and leave the protected premises.

1. Press the appropriate button on the fob, either full set ⬤ or part set ✶.
   The LED by the button you pressed will flash red.
   The system sets immediately.
   After a few seconds the LED by the button you pressed will flash green to confirm that the system has 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.

Unset by Two-Way Fob

1. Press 🔓 on the two way fob.
   The LED by the button you pressed flashes red.
   The system unsets.
   After a few seconds the LED by the unset button flashes green to show that the system is unset.

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 (or ⬤ on the two way fob). 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 (or ⬤)then you will have to go to the keypad and set the system from there. (The two way fob will flash all of its LEDs red.)

Dealing with 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 navigation pad glows red, and the keypad will give an short "beep" every few seconds.

Red means Alert
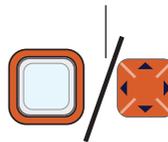
Press ✔

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 prompts you to key in an access code.
3. Key in a user access code.
   The bottom line of the display shows a message describing the most recent active alert. If you press ▲ or ▼, 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 ✘. 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.

Omit 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 to enter the User Menu.
2. Press ✔ to select *Omit Zones*.
   The bottom line of the display shows the first of a list of zones.
3. Press ▲ or ▼ to display the zone to omit.
4. 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, press ▶ again so that the end of the line shows an "I" (for Included).
5. Repeat steps 2 and 3 for any other zone you wish to omit (or include).
6. Press ✔ to store the changes.

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.

View Log

The control unit keeps a log of events (such as alarms and setting/unsetting). To read the log:

1. Press ☰ and key in your access code to enter the User Menu.
2. Press ▼ until the bottom line of the display shows *View Log.*
3. Press ✔.
4. Press ▲ or ▼ to scroll through the log.
5. Press ▶ to see a more detailed description.
6. Press ✘ to finish viewing the log.

WARNING: BEFORE INSTALLING THIS EQUIPMENT, ENSURE THAT THE MAINS SUPPLY FOR THE CONTROL UNIT IS DISCONNECTED AND ISOLATED. All electrical connections must be carried out by a qualified electrician and comply with current local regulations.

Standards and Compliance

The installer must remove or adjust any compliance labelling if he/she selects a non-compliant configuration.

Intrusion compliance: EN 50131-1:2007+A1:2009; EN 50131-3:2009; EN 50131-5-3:2005+A1:2008; EN 50131-3-10:2014; EN 50136-1:2012; BS8243:2010; PD 6662:2010; IA 1501:2015.

Environmental class: Class II.

Alarm transmission: When using either the built-in SIA-IP function or a plug-on communicator as a single-path solution, this meets EN 50136-1 ATS category SP2. When using the built-in SIA-IP function and a plug-on communicator as a dual-path solution, this meets EN 50136-1 ATS category DP1.

Security grade: Grade 2.

Radio frequency: 868.6625MHz narrowband.

Radio standards: EN 300-220-2, EN 300-489-1, EN 300-489-3.

Transmitter range: Up to 500m in free space. Also dependent on device type and environment; please refer to the radio device's installation instructions.

Mains power supply: 230VAC + 10%/-15%, 50Hz. This product complies with the requirements of EN50131-6 Type A power supply at Grade 2 and environmental class II.

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, Eaton Electrical Products Ltd declares that the radio equipment type i-on30R/40H is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
www.touchpoint-online.com