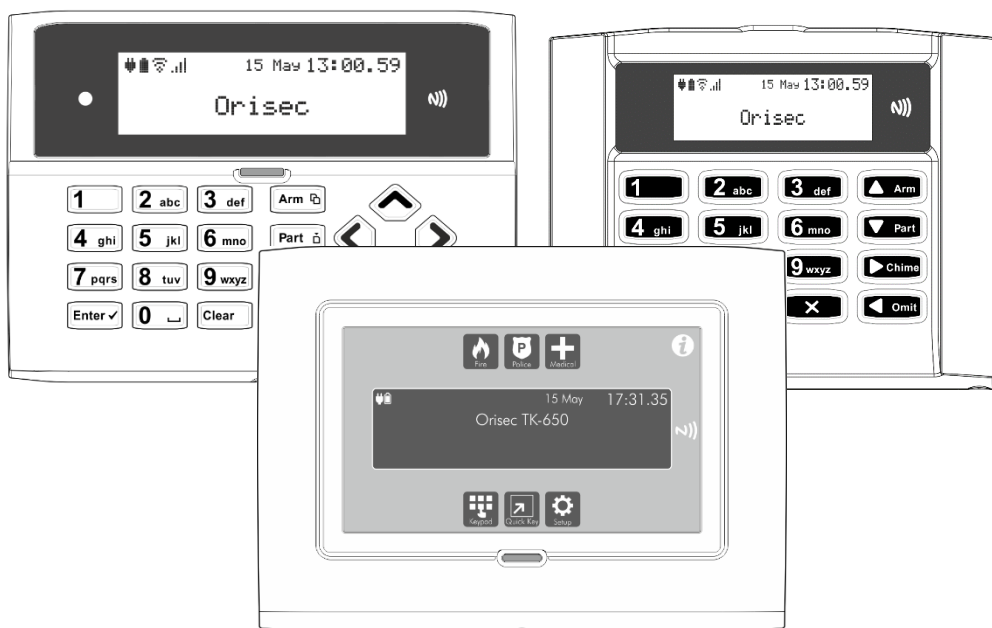


User Guide

CK-10, CT-10, CP-10, CK-20, CT-20, CP-20,
CP-30, CP-50, CK-60, CT-60, CP-60, CP-100 & CP-200



Designed and Manufactured
in the United Kingdom

Notes

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1. About your Security System

Introduction

Your security system is made up of several component parts comprising of a control panel, one or more remote keypads, external sounder and various detection devices that are connected to either the control panel or zone expansion modules. The control panel houses the system's electronics and stand-by battery and is normally installed out of sight in a utility room or under stairs cupboard etc.

The remote keypad provides the user interface for the system and is used to send commands to the system and to display the current system status via a graphic display. The remote keypad also provides audible feedback annunciation of fault and alarm tones. Remote keypads are normally mounted in convenient locations inside the protected premises, near to the points of entry and exit.

Please read this manual carefully and have your installer instruct you on your system's operation. Become familiar with the features that have been implemented on your system. All users of this system should be equally instructed in its use.

About this Manual

This manual provides a thorough explanation of all system functions that are available to the master user, including basic system operation, user code programming, remote control and troubleshooting.

Alarm Transmission System

Your security system maybe fitted with an automatic alarm transmission system, which will communicate alarms, faults and other events to a 24hr manned Alarm Receiving Centre (ARC). If you accidentally cause a false alarm activation, immediately call the ARC to prevent an unnecessary emergency response.

Zones and Areas

A zone is an input that is normally used to monitor a single detection device like a motion detector, glass-break detector, door contact or shock sensor etc. An area is one or more zones grouped together to allow independent arming and disarming of areas.

Access code

As a user of the security system, you will be assigned a 4, 5 or 6 digit access code. Access codes are used to arm and disarm the system. Some access codes can perform additional system functions, such as programming system options, omitting zones and performing system tests.

Your access code may not allow you to access certain system functions. For instance, if your code is only allowed to arm the system you will not be able to disarm the system, once the system is armed.

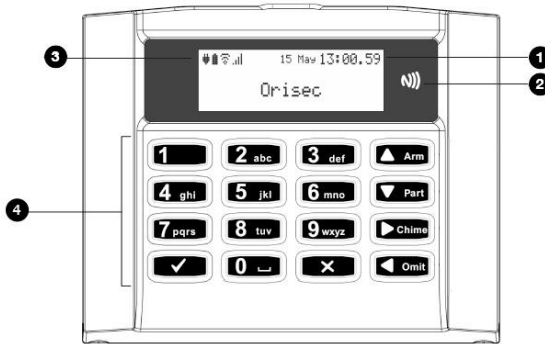
NFC Tags

NFC (Near Field Communication) tags can be assigned to users of the system. The tag behaves just like an access code when presented to the NFC reader built into the keypad. NFC technology is built into credit cards, bank cards, smart phones and other devices.








Keypads

One or more remote keypads will be installed throughout the protected premises, usually close to the entry and exit door.

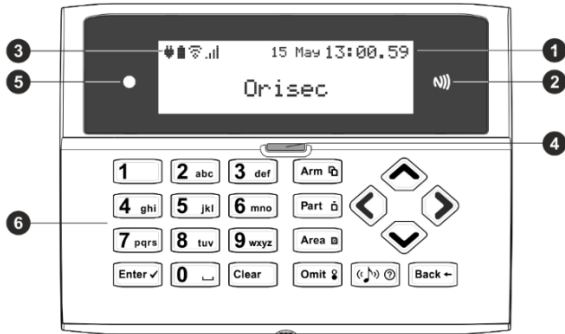
Keypad Layout: RK-400-LCD & RK-450-LCD



1. LCD display
2. NFC reader – present your NFC tag in this area (not on CK-10 or CT-10)
3. Status Icons
4. Keyboard – see below

Keyed Keypad buttons	Actions
 Arm	Arm system and to navigate upwards in the menu
 Part	Part arm system and to navigate down in the menu
 Chime	Chime tone selection and can be used to enter menu
 Omit	Omit zones and if held for 1 second can work to go 'back' in a menu
 0	If held for 1 second can be used to toggle options and outputs
	Selection button
	Cancel Button. Press and hold for 1 second to delete a selection.

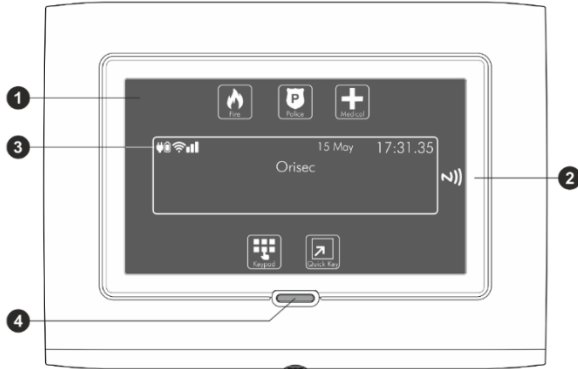
Keypad Layout: CK-10, CK-20, CK-60, RK-500, RK-550, MK-700 & RK-700










1. LCD display
2. NFC reader – present your NFC tag in this area (not on CK-10 or CT-10)
3. Status Icons
4. System status LED
5. Ambient light sensor – used automatically adjusts the keyboard and LCD backlight level
6. Keyboard – see below

Keyed Keypad buttons	Actions
	Arm system
	Part arm system
	Area arm system
	Selection button
	Chime tone selection
	Escape button
	Cancel button

Touchscreen Keypad Layout: CT-10, CT-20, CT-60, TK-650















1. Full colour touch display
2. NFC Reader – present your NFC tag in this area (not on CK-10 or CT-10)
3. Status Icons
4. System status LED

Touch Keypad buttons	Function
	Arm system
	Part arm system
	Area arm system
	Selection button
	Chime tone selection
	Escape button
	Cancel button

Status Icons

The system status area on the display is used to show the following information:

Status Icon	Indicates
	Battery is charging/ is charged
	Mains power is connected
	Mains power is disconnected
	External strobe is flashing
	External bell is sounding
	Chime is enabled
	WiFi module connected
	GSM module connected
	Ethernet module connected
	Phone line connected
	User programmed timer running
	User programmed alarm running


Status LED

The keypad has a single multi-colour LED and is used to indicate the following:

Colour	System Status
Blue	Normal operation, all zones are healthy
Green	User menu selected and system is ready for arming
Yellow	One or more zones are active, system may not arm
Red	Alarm active

Emergency Keys




The keypad provides 3 different emergency functions. Depending on the setup of your system, activation from these keys can alert the local police, key holders and security personal via your Alarm Receiving Centre (ARC).

-  The emergency keys for each keypad can be individual enabled or disabled and may not be enabled on your installation due to local standards and police requirements.

The Panic alarm (Police) function for each keypad can be programmed for either an audible or silent operation.

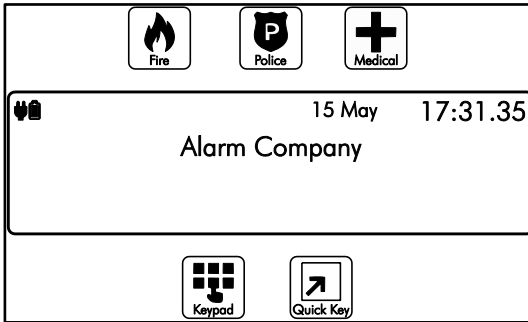
Keyed Keypad Emergency Keys

To activate the emergency functions, press together the keys shown below for a duration of 1 second:

Emergency Alarm		Keys
	Fire	Press 1 & 3 def
	Panic Alarm (PA)	Press 4 ghi & 6 mno
	Medical	Press 7 pqrs & 9 wxyz

Touch Keypad Emergency Keys

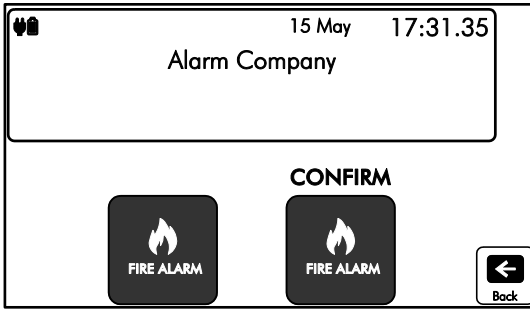
- To activate the emergency keys on your touch screen keypad you will need to be on the Home screen:



- From the top part of the screen select one of the emergency functions, for example 'Fire':



- You will then be prompted to press the Fire Alarm icon, and then select the icon again to confirm the activation. This is in place to ensure it is a confirmed event and not an accidental button press:



4. Press the 'CONFIRM' icon to generate the selected emergency or press the 'Back' icon to cancel.

2. Operating your Security System

Introduction

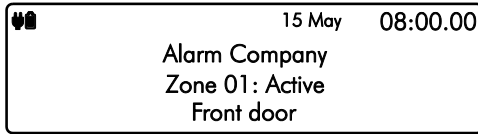
Before attempting to operate your security system, please ensure that you have familiarised yourself with the procedures covered in this section of the manual.


User Menu

On entering a valid access code or presentation of a tag the keypad will display the 'User Menu'. This menu is used to perform all system operations including arming, disarming, testing and system configuration.

Before Arming the Security System


Before attempting to arm your security system, ensure that all protected areas are secure by closing any doors and windows etc. If the system is not ready for arming the keypads show the zones that are active (if enabled by your installer) and the keypad status LED will illuminate in yellow:

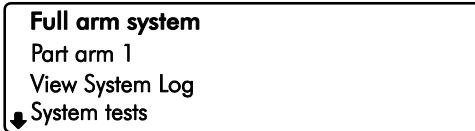



 If your system has the 'Global Keypad Information' option enable by your installer, the keypad will show zone status information for all zones. If the option is disabled, the keypad will only show zones status information for zones that are assigned to the same area as the keypad.

Full Arming Your Security System

The full arming mode is used for protecting all detection zones within your allocated areas and is normally used when leaving the premises or area unoccupied. Before attempting to full arm, check that your areas are ready for arming. To full arm your area(s), please proceed as follows:

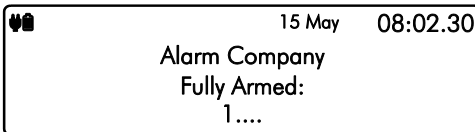
1. Enter code or present tag to select the user menu.
2. From the user menu, use the  /  and  /  keys to scroll to Full arm system:



3. Press  or  to full arm, the exit tone will start and the keypad will instruct you to exit the protected area:







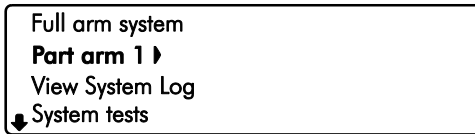
4. The keypad will then indicate that the system is Fully Armed.









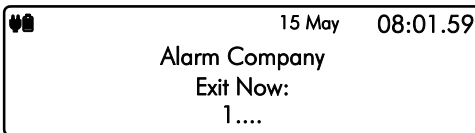
Part Arming your Security System

The part arming mode only protects predefined detection zones. The system has 3 'Part arm' modes which allows for flexible arming configurations, e.g., 'Part arm 1' could be configured to arm only downstairs zones, whereas 'Part arm 2' could be configured to arm only perimeter zones. To part arm your area(s), please proceed as follows:

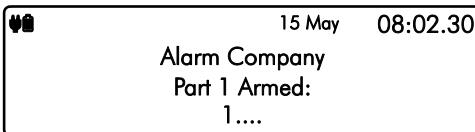
1. Enter code or present tag to select the user menu.
2. From the user menu, use the  /  and  /  keys to scroll to 'Part arm 1':



3. Use the  /  and  /  keys to change the part arm mode (1, 2 or 3), then press  or  to part arm.
4. The exit tone will start and the keypad will instruct you to exit the protected area:



5. The keypad will then indicate that the system is part armed:



 Part arm settings will be pre-programmed by your installation company.

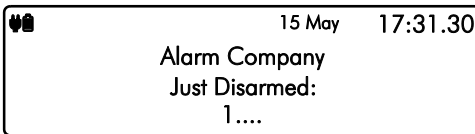
Disarming your security system

When the system or area is armed, you must enter the protected area via the designated entry route. Upon entering the premises, the entry timer and entry tone will start. To successfully disarm the alarm, a valid access code or tag must be entered before the entry timer expires. To disarm your area(s), please proceed as follows:

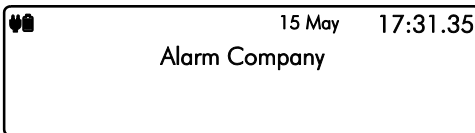
1. Enter the protected area by the designated entry point, the entry tone will sound and the keypad will show the following screen:



2. Enter your code or present tag, the entry tone will silence and the keypad screen will indicate that the system has just been disarmed:





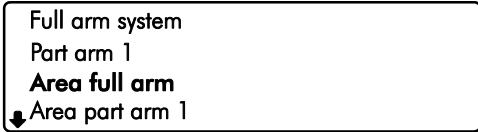
3. After a short delay the keypad will then return to normal operation:



Area full arming

Zones can be grouped together to make 'area sets'. Area sets are often used in multi tenanted buildings where there is a communal entrance and separate living spaces/areas of work. Users can arm individual or multiple area sets. To full arm selected areas, please proceed as follows:











1. Enter code or present tag to select the user menu.
2. From the user menu, use the  /  and  /  keys to scroll to 'Area full arm':



3. Press  or  to select, the 'arm areas' menu is now displayed:

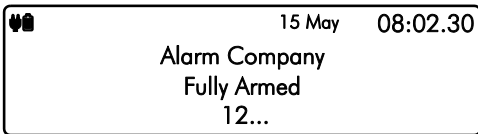


- Area will be armed
- Area will remain unarmed

4. Use the  /  and  /  keys to select the 'Area'. Then use the  /  and  /  keys to toggle the selected area on or off. Once you have selected the areas that you would like to arm, press  or  to confirm.
5. The exit tone will start and the keypad will instruct you to exit the protected area:





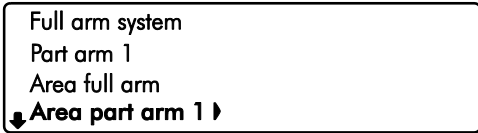
6. The keypad will then indicate that the areas that are fully armed:









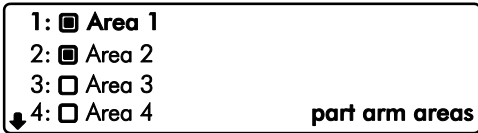
Area part arming

Zones can be grouped together to make 'Area Sets'. Area Sets are often used in multi tenanted houses where there is a communal entrance and separate living spaces. Users can arm individual or multiple area sets. To part arm selected areas, please proceed as follows:











1. Enter your code or present tag to select the user menu.
2. From the user menu, use the  /  and  /  keys to scroll to 'Area part arm 1':

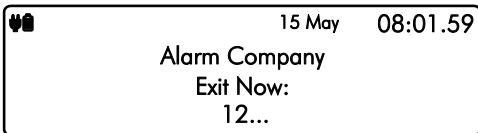


3. Use the  /  and  /  keys to change the part arm mode (1, 2 or 3), then press  or  to select, the 'part arm areas' menu is now displayed:

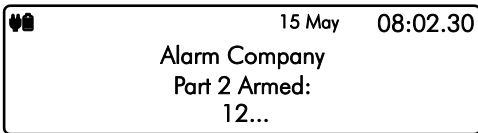


- Area will be part armed
- Area will remain unarmed

4. Use the  /  and  /  keys to select the 'Area'. Then use the  /  and  /  keys to toggle the selected area on or off. Once you have selected the areas that you would like to part arm, press  or  to confirm.
5. The exit tone will start and the keypad will instruct you to exit the protected area:



6. The keypad will then indicate that the areas that are part armed:

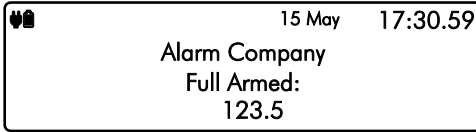


 Part arm settings will be pre-programmed by your installation company.

Area disarming

Normally when entering a protected area via the designated entry route, the area is disarmed after a valid access code or tag presentation. Sometimes it is desirable to disarm one or more areas before entering them via the designated entry route. To disarm your selected areas, please proceed as follows:

1. The keypad will show the areas that are currently full armed:



2. Enter your code or present tag, the 'disarm areas' menu is displayed:

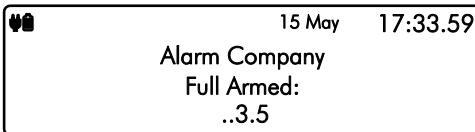


Area will be disarmed.

Area will remain armed.

3. Use the / and / keys to select the 'Area'. Then use the / and / keys to toggle the selected area on or off. Once you have selected the areas that you would like to disarm, press or to confirm.

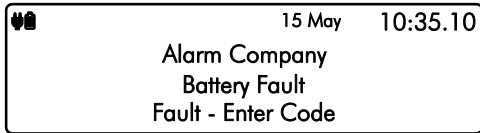
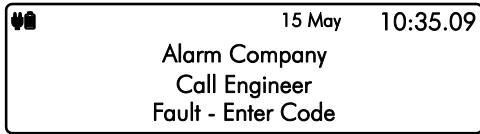
4. The selected areas are disarmed and the keypad displays any areas that have remained armed:



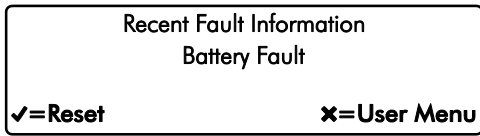
Resetting after a Fault Condition

To reset after a fault has occurred, please proceed as follows:

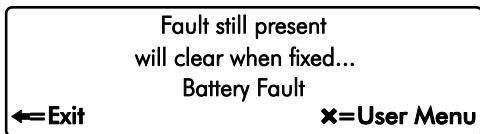
1. If your system has generated a fault condition, the display will indicate the fault that has occurred. For example, if there is a fault with the battery, the following will display:



2. Enter your code or present your tag to the keypad. This will silence any internal sounders, inform you of the reason for the fault and allow you to reset the fault as shown below:



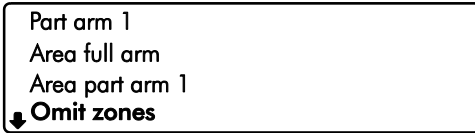
3. Once the fault condition has been rectified, press or ✓ to reset the system to normal operation.
4. If the following screen appears the fault is still present. Please contact your alarm installation company for further assistance:





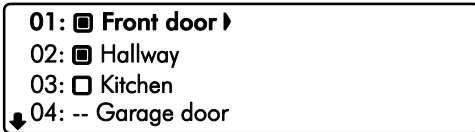
Omitting Zones

Zones can be omitted to temporarily prevent them from causing an alarm either during the disarmed mode (24hr zones) or prior to arming the system. Only the 'Master' and 'Manager' user types can omit zones. To omit one or more zones, please proceed as follows:


















1. Enter code or present tag to select the user menu.
2. From the user menu, use the  /  and  /  keys to scroll to 'Omit zones':

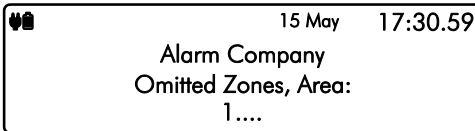



3. Press  or  to select, the 'Omit zones' menu is now displayed:



- Zone will be omitted
- Zone will continue to be monitored
- Zone cannot be omitted

4. Use the  /  and  /  keys to select the required zone then use the  /  and  /  keys to turn omit on or off.
5. When you've finished omitting the zone(s), press and hold for two seconds the  /  or  key to return to the user menu. If required, the system can be armed or part armed with selected zone(s) omitted by selecting the relevant arming menu.
6. If the system is not going to be armed now, then use the  /  and  /  keys to scroll to 'Exit menu' option then press  or  to return to the home screen. The keypad will display a reminder that zones are omitted:




-  If the "Reinstate on Disarm" option is enabled by your installer, the selected zones are automatically reinstated when the system is disarmed.

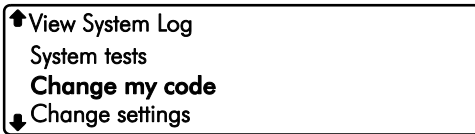
To reinstate a bypassed zone simply select the zone at step 3 in the above procedure.



Changing Your Code

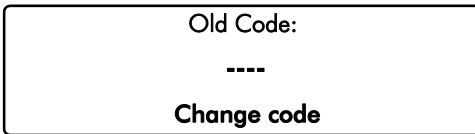
User codes are unique to each user and can be 4,5 or 6 digits in length. Users can change their code at any time by following the procedure below:

 Before changing your code, it is strongly recommended to note the new code. If you forget your code later it must be changed by a master user of the system or the installation company.

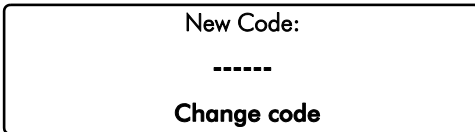
1. Enter code or present tag to select the user menu.
2. From the user menu, use the  /  and  /  keys to scroll to 'Change my code':



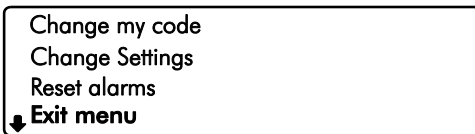
3. Press  or  to select, the 'Change code' menu is now displayed:





4. Enter your old passcode, if correct you will be prompted for a new code:



5. Enter your new code then press  or  to confirm. The system will return back to the user menu screen:



6. Use the  /  and  /  keys to scroll to 'Exit menu' option then press  or  to return to the home screen.

 If after entering your new code the screen returns to the 'Enter New Code' screen, the code you have entered is invalid. Please try again with a different code.












Turn chime on/off

This option allows the chime feature to be turned on or off for each area. If the chime feature is switched on, then monitored zones that are activated during the disarmed state will cause the system to generate a chime tone.

1. Ensure that the 'Turn chime on/off' menu is selected, see page 40.



- Area chime is on
- Area chime is off
- Area not available

2. Use the  /  and  /  keys to select the 'Area'. Then use the  /  and  /  keys to toggle the selected area on or off.
3. Hold the  /  or  key for 2 seconds to exit the menu.

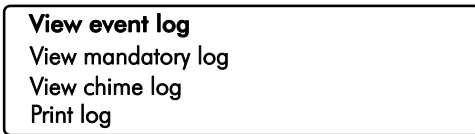
System Event Logs

The system event logs menu contains options for the viewing and printing of various event data that is recorded by your system. This menu is only available to the 'Master' and 'Manager' user types.

1. Enter your code or present your tag to select the user menu.
2. From the user menu, use the arrow keys to scroll down to 'View System Log':



3. Press or ✓ to select, the 'System Event Logs' sub menu is now displayed:



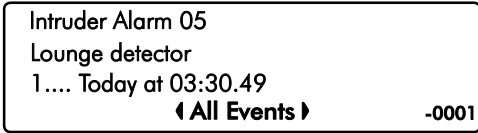
4. From the 'System Event Logs' menu, use the arrow keys to scroll to the required event log option:




- View event log:** Please refer to page 25.
- View mandatory log:** Please refer to page 25.
- View chime log:** Please refer to page 26.
- Print log:** Please refer to page 26.

View event log

All system events such as arming, disarming, alarm and faults are recorded in the system log along with the date and time.

1. Ensure that the 'View event log' option is selected from the 'System Event Logs' menu:



2. Scroll back and forward through the log using the  /  and  /  keys.

View Log Screen Information

Line 1: Event type, see page 27 for a complete list of event type and descriptions.

Line 2: Zone or user text.

Line 3: Event Area(s) then date and time.

Line 4: Event Type Filter, use the  /  and  /  keys to change the event filter type:

- All Events
- Alarms
- Tamper
- Faults
- Open & Close
- Tests
- Restore
- Custom

Then event number is displayed far right.

View mandatory log

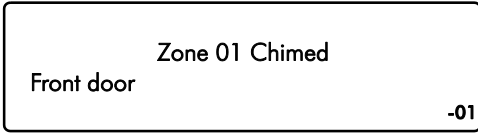
All mandatory events as defined in EN50131-1 are recorded in the mandatory event log.



Information displayed is as per the system event log above.

View chime log

Displays up to the last 50 zones that have chimed.

1. Ensure that the 'View chime log' option is selected from the 'System Event Logs' menu:



2. Scroll back and forward through the chime log using the  /  and  /  keys.

View Log Screen Information

Line 1: Not used.

Line 2: The zone number that has chimed.

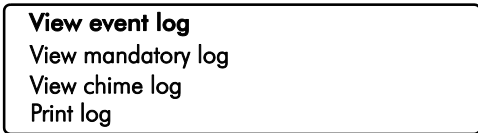
Line 3: The zone description.

Line 4: Then event number is displayed far right.

Print Log

This option allows the user to print a system log. To use this option a serial printer must be connected to the control panel by your alarm installer.

1. Ensure that the 'System Events Log' menu is selected:



Scroll down to the 'Print log' option, then press  or , if there is a serial printer connected to the system, the log will start to print.

Log Event	Description
Intruder Alarm XX	Intruder alarm activated by zone XX.
Intruder Restore XX	Intruder zone XX restore.
Perimeter Alarm XX	Perimeter alarm activated by zone XX.
Perimeter Restore XX	Perimeter zone XX restore.
24Hr Alarm XX	24-hour alarm activated by zone XX.
24Hr Restore XX	24-hour zone XX restore.
Entry Alarm XX	Entry alarm activated by zone XX.
Entry Restore XX	Entry zone XX restore.
Warning Alarm XX	Warning alarm activated by zone XX.
Warning Restore XX	Warning zone XX restore.
Medical Alarm XX	Medical alarm activated by zone XX.
Medical Restore XX	Medical zone XX restore.
Fire Alarm XX	Fire alarm activated by zone XX.
Fire Restore XX	Fire zone XX restore.
PA Alarm XX	Panic alarm activated by zone XX.
PA Restore XX	Panic alarm zone XX restore.
PA Silent Alarm XX	Silent panic alarm activated by zone XX.
PA Silent Restore XX	Silent panic alarm XX restore.
PA Confirmed XX	Confirmed PA alarm activated by zone XX.
PA Confirmed Restore XX	Confirmed PA zone XX restored.
PA Confirmed Silent XX	Confirmed Silent PA alarm activated by zone XX.
PA Con. Silent Restore XX	Confirmed Silent PA zone XX restored.
Aux Alarm XX	Auxiliary alarm activated by zone XX.
Aux Restore XX	Auxiliary zone XX restore.
Monitor Alarm XX	Monitor alarm activated by zone XX.
Monitor Restore XX	Monitor zone XX restore.
Zone XX Omitted	Zone XX Omitted.
Zone XX Reinstated	Zone XX Reinstated.
Tamper XX Alarm	Tamper alarm activated by zone XX.
Tamper XX Restore	Tamper zone XX restore.
Zone XX Fault Alarm	Fault alarm activated by zone XX.
Zone XX Fault Restore	Fault on zone XX has restored.
Zone XX Mask Alarm	Mask alarm activated by zone XX.
Zone XX Mask Restore	Mask alarm on zone XX has restored.

Log Event	Description
Low Battery Alarm XX	Low battery alarm from wireless device on zone XX.
Low Battery Restore XX	Low battery alarm on zone XX has restored.
Omit Key Active XX	Key omits activated by zone XX.
Omit Key Restore XX	Key omits by zone XX has restored.
Keyswitch Active XX	Keyswitch connected to zone XX is active.
Keyswitch Restore XX	Keyswitch connected to zone XX has restored.
Security Key Active XX	Security keyswitch connected to zone XX is active.
Security Key Restore XX	Security keyswitch connected to zone XX has restored.
Alarm Active	Intruder Alarm is active.
Bells Active	Bell output is active.
Re-arm Lockout Zone	Re-arm lockout has occurred and no more alarms can be generated for the armed period.
Confirmed Alarm	Confirmed alarm generated (two different zones activated).
Confirmed PA Alarm	Confirmed PA alarm generated.
Remote Access XX	Remote access via PC number XX.
User XX	User access by user XX.
Access XX	Access user code type by user XX.
Duress XX	Duress alarm by user XX.
User Tag XX	User XX proximity tag access.
User Remote XX	User XX wireless remote has accessed the system.
User XX Lockout	User XX has been locked out from using the system.
User Tag XX Lockout	User XX proximity tag has been locked out from using the system.
Code Tamper X	Code tamper (invalid code) generated at keypad X.
Userr XX DELETED	User XX deleted from the system.
Exit Started XX	Exit mode started by user XX.
Exit Started Timer X	Exit mode started by control timer X.
Exit Started Zone XX	Exit mode started by zone XX.
Exit Stopped	Exit mode stopped.
Exit Failed by zone XX	Exit mode failed by zone XX.
Entry Started XX	Entry mode started by zone XX.
Entry Timeout	Entry timeout alarm.
System Armed	System armed.
Keyswitch Arm	Keyswitch Armed.
Quick Armed	Quick Armed.
Part Armed 1	Part armed 1.
Part Armed 2	Part armed 2.

Log Event	Description
Part Armed 3	Part armed 3.
System Disarmed	System disarmed.
Arming Failed	Arming failed.
Armed With ATS Fault	The system was armed with an Alarm Transmission System (ATS) fault.
Auto Armed	The system was automatically armed.
Auto Disarmed	The system was automatically disarmed.
Remote Armed	The system was automatically armed remotely.
Remote Disarmed	The system was automatically disarmed remotely.
System Power Up	The system was powered up.
AC Failed	The mains AC supply has been switched off.
AC Restore	The mains ac supply has been restored.
Battery Fault #X	Battery fault #? (1: Presence Fail; 2: Load Test Fail).
Battery Restore	Battery fault restored.
Low Battery Alarm	The system standby battery voltage is low (The system is running on battery only).
Time/Date Changed	The system time and date has been changed.
Engineer on site	The engineer access code has been entered.
Engineer off site	The engineer has logged off.
Bell Fuse Alarm	The bell fuse has gone open circuit (electronic fuse).
Bell Fuse Restore	The bell fuse has restored.
Aux Fuse Alarm	The auxiliary 12V fuse has gone open circuit (electronic fuse).
Aux Fuse Restore	The auxiliary 12V fuse has restored.
Battery Fuse Alarm	The battery fuse has gone open circuit (electronic fuse).
Battery Fuse Restore	The battery fuse has restored.
Network Fuse Alarm	The network fuse has gone open circuit (electronic fuse).
Network Fuse Restore	The network fuse has restored.
Box Tamper Alarm	The control panel box tamper has been activated.
Box Tamper Restore	The control panel box tamper has restored.
Keypad X Tamper	Keypad X box tamper has been activated.
Keypad X Tamp Rest	Keypad X box tamper has restored.
Exp X Tamper Alarm	Expander X tamper alarmed.
Exp X Tamper Restore	Expander X tamper is restored.
Bell X Tamper Alarm	Network Bell X tamper alarmed.
Bell X Tamper Restore	Network Bell X tamper is restored.
Keypad XX Lost	Keypad XX on network lost.
Keypad XX Found	Keypad XX on network found.

Log Event	Description
Expander XX Lost	Expander XX on network lost.
Expander XX Found	Expander XX on network found.
Bell X Lost	Network Bell X on network lost.
Bell X Found	Network Bell X on network found.
Walktest Started	User walk test mode started.
Walktest Ended	User walk test mode ended.
Bell Test Started	User bell test started.
Bell Test Ended	User bell test ended.
Auto Test Call	An automatic test call was sent to the Alarm Receiving Centre (ARC).
Manual Test Call	A manual (user) test call was sent to the Alarm Receiving Centre (ARC).
Timer X On	Control Timer X is on.
Timer X Off	Control Timer X is off.
Zone Test XXX Days	Zone soak test has started and will run for XXX days.
Zone XX Test Fail	Zone XX has failed whilst on test.
First Knock XX	First activation from zone XX. The zone has the "Double Knock" attribute.
Beam Pair 1 st XX	First activation from zone XX. The zone has the "Beam Pair" attribute.
Alarm Aborted	The user has disarmed the system within the abort delay period.
Bell Tamper Alarm	The bell tamper alarm has been activated.
Bell Tamper Restore	The bell tamper has restored.
Bell X Fault Alarm	Network Bell X fault.
Bell X Fault Restore	Network Bell X restored
ATS Fault	The Alarm Transmission System (ATS) has detected a fault with the transmission path (telephone line/GSM/IP).
ATS Restored	The ATS Fault has restored.
Keypad PA X	A panic alarm was generated at keypad X by pressing keys 7 and 9.
Keypad Fire X	A fire alarm was generated at keypad X by pressing keys 1 and 3.
Keypad Medical X	A medical alarm was generated at keypad X by pressing keys 4 and 6.
Output XX Fault	The control panel has detected a fault on panel output XX.
Output XX Restore	The fault on panel output XX has restored.
Cleaner On-Site XX	A cleaner access code has been entered.
Cleaner Off-Site XX	A cleaner has logged off.
Com X Module Alarm	The communication module has been disconnected/lost from com port X
Com X Module Restore	The communication module has been connected/lost from com port X

Log Event	Description
Zone XX Count Alarm	Zone XX has reached the "Count Logging" threshold.
Tag PA XX Alarm	PA alarm triggered by XX tag.
Radio Output XX Flt	The control panel has detected a fault on radio output XX.
Alarm Reset	Alarm has been reset.
RNRR Reset	Random Number Remote Reset (A reset has been performed remotely)
Zone XX on Test	Zone XX has been put on soak test.
Exp X Bat Fault	Powered Expander X battery fault.
Exp X Bat Restore	Powered Expander X battery fault restored.
Exp X AC Fault	Powered Expander X AC fault.
Exp X AC Restore	Powered Expander X AC fault restored.

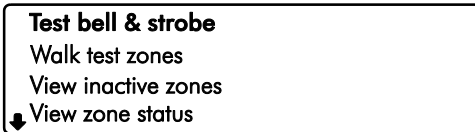
System Tests

The system tests menu contains multiple different tests and diagnostics that can be performed on the system to ensure correct operation of the security system. This menu is only available to the 'Master' and 'Manager' user types.

1. Enter your code or present tag to select the user menu.
2. From the user menu, use the arrow keys to scroll down to 'System tests':



3. Press or to select, the 'System tests' menu is now displayed:



4. From the 'System tests' menu, use the arrow keys to scroll to the required test menu:

- | | |
|--------------------------------|--------------------------|
| Test Bell & Strobe: | Please refer to page 33. |
| Walk test zones: | Please refer to page 34. |
| View Inactive zones: | Please refer to page 35. |
| View zone status: | Please refer to page 36. |
| View module status: | Please refer to page 37. |
| Do a test Call: | Please refer to page 38. |
| Review voice messages: | Please refer to page 38. |
| Send SMS Message: | Please refer to page 39. |

Test Bell & Strobe

This menu allows you to test the external bell, strobe, internal speaker, user controlled outputs and the backlight on external sounders.

1. Ensure that the 'Test bell & Strobe' menu is selected, see page 32:



2. Use the / and / keys to change between the options and then the / and / keys to toggle the selected option on and off.

1 Bell

- The external bell will trigger.
- The external bell will not trigger.

2 Strobe

- The external strobe will trigger.
- The external strobe will not trigger.

3 Speaker

- Any speakers connected to the control panel or expansion devices will trigger.
- The speaker connected to the control system and expansion devices will not trigger.

4 User Outputs

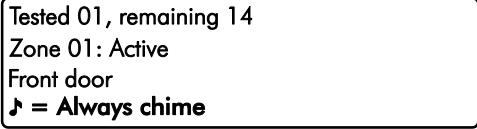
- Any output assigned the attribute 'User Output' will be triggered.
- User outputs will not be triggered.

- Hold the / or key for 2 seconds to exit the menu.

Walk Test Zones

This menu allows the programmed zones to be walk tested to ensure they are activating when required.

1. Ensure that the 'Walk test zones' menu is selected, see page 32:






2. Activate the zones by walking in front of movement detectors and opening doors or windows that have sensor fitted.

Walk Test Zones Screen Information

Line 1: How many zones have been 'walk tested' since entering the menu and how many zones remain to be walk tested (this is dependent on how many zones are programmed).

Line 2: A scrolling list of walk tested zones and the current zone status.

Line 3: A scrolling list of walk tested zones and the zone text (name).

Line 4: The system can be set to create a chime tone when a detector is activated. The different chime options are selected by pressing  /  or . The options available are as follows:

- Always chime
- New devices chime
- Silent
- Chime only zone ##

3. Hold the  /  or  key for 2 seconds to exit the menu.

View Inactive Zones

This menu allows zones that have been inactive for a period to be viewed.

1. Ensure that the 'View inactive zones' menu is selected, see page 32:



View Inactive Zones Screen Information




Line 1: How many zones have been inactive for the selected period.

Line 2: A scrolling list of inactive zones and the current zone status.

Line 3: A scrolling list of inactive zones and the zone text (name).

Line 4: The selected inactive period, use the  /  and  /  to change.

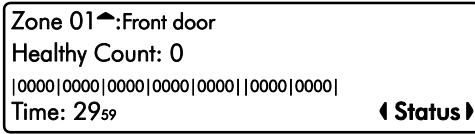
The options available are as follows:

- Over 15 minutes
 - Over 30 minutes
 - Over 1 Hour
 - Over 12 hours
 - Over 1 day
 - Over 1 week
 - Over 1 month
2. Hold the  /  or  key for 2 seconds to exit the menu.

View Zone Status

This menu allows each zone to be independently monitored and viewed.

1. Ensure that the 'View zone status' menu is selected, see page 32:



View Zone Status Screen Information

Line 1: Zone number and any programmed zone text.

Line 2: The status of the zone, including resistance (if applicable) and zone count (how many times the zone has activated).

Line 3: Each set of numbers represents a zone count for each day of the week. The first set of numbers represents Monday and the last set Sunday. Each time a zone activates on a Monday the first set of numbers will increment, on a Tuesday the second set etc. The zone must have the 'Record Activity' attribute to use this feature.

Line 4: The left side shows the last time the zone was activated. The right side shows the status screen mode, use the / and / keys to change the mode, the following modes are available:


- Status (View zone status)
 - Reset count (press or to reset zone count)
 - Reset Day (press or to reset zone day counts)
 - Reset All (press or to reset all counts)
2. Use the / and / keys to change the zone to view.
 3. Hold the / or key for 2 seconds to exit the menu.

View Module Status

This menu allows you to view the status of any communication modules installed on the system.

1. Ensure that the 'View module status' menu is selected, see page 32:

GSM Module Screen Information

Status: Fitted
Signal:  80%
Credit: £7.80

◀ GSM ▶


Line 1: If the module is currently 'Fitted' or 'Not fitted'.

Line 2: The most update signal reading from the sim card.

Line 3: The remaining credit on the sim card if using PAYG.

Line 4: The selected module, use the  /  and  /  keys to change.





Wi-Fi Module Screen Information

Status: Fitted
Signal:  100%
↓ Network: Orisec Wi-Fi

◀ Wi-Fi ▶

Line 1: If the module is currently 'Fitted' or 'Not fitted'

Line 2: A signal reading from the Wi-Fi module.

Line 3: The SSID of the network the unit is connected to. Use the  /  and  /  keys to display further information: IP Address, IP Mask and IP Gateway.



Ethernet Module Screen Information

Status: Fitted
IP Add: 192.168.0.99
↓ Mask: 255.255.255.0

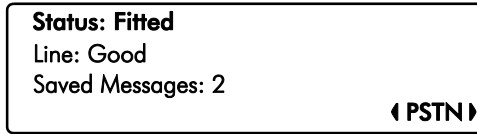
◀ Ethernet ▶

Line 1: If the module is currently 'Fitted' or 'Not fitted'

Line 2: The IP address assigned to the module.

Line 3: The IP Mask assigned to module. Use the  /  and  /  keys to display further information: Gateway Address and IP Port.

PSTN Module Screen Information



Line 1: If the module is currently 'Fitted' or 'Not fitted'

Line 2: The phonenumber status 'Good', 'Engaged' or 'Bad'.

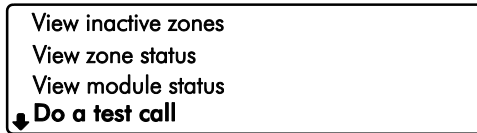
Line 3: The number of saved answer machine messages.

2. Hold the **Back** / **Omit** or **←** key for 2 seconds to exit the menu.

Do a Test Call

Selecting this option will cause connected communication device to send a test call to the alarm receiving centre using the programmed in information (contact number/ Account number/ protocol).

1. Ensure that the 'Do test call' menu is selected, see page 32:

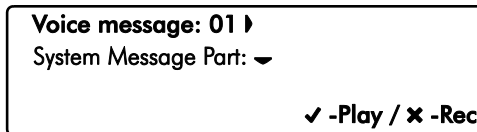


2. Press **Enter** or **✓** to initiate a test call.

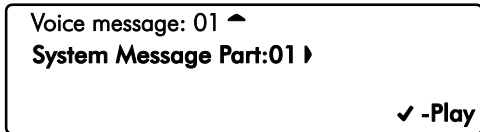
Review Voice Messages



The system has 15 programmable voice messages; each message can be up to 16 seconds long. The messages can be recorded using software and uploaded into the control panel. Alternatively, voice messages can be recorded from a telephone handset.

1. Ensure that the 'Review voice messages' menu is selected, see page 32:



2. Use the **◀** / **Omit** and **▶** / **Chime** keys to select the voice message (1-15). Press **Enter** or **✓** to play the message or press **Clear** or **✕** to clear and record a new message.
3. Press **◀** / **Part** to select System Message Part:

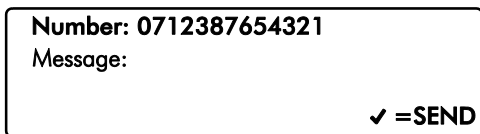




4. Use the /  and /  keys to select the system message (1-75). Press  or  to play the message.

Send SMS Message



This menu allows the user to send a SMS message to a telephone number of their choosing. The system must be fitted with either a GSM or PSTN module to use this feature.

1. Ensure that the 'Send SMS message' menu is selected, see page 32:







2. Use the number keys to enter a valid mobile telephone number.
3. Press /  to select Message:











4. Use the number keys to enter the message then press  or  to send the SMS message.

3. Additional Features

Additional features can be enabled by the installation company and as such some options may not be available on your security system.

To access the additional features whilst the system is in an unset state, press  /  and  /  from the home screen and scroll through all enabled additional features.

Please see a table for a full list off additional features available:

Feature	Keypad Text	Operation	Touch screen Icon
Control Outputs	User Control	Allows custom programmed outputs to be operated without the requirement of a user code i.e. opening garage doors.	
X10	X10 Control	Allows users to operate X10 outputs without the requirement of a user code. X10 is a home automation plug solution, this is a 3rd party peripheral that may be connected to the security system.	
Alarm Clock	Alarm Clock	Allows users to program an alarm clock using the control panels keypad. A useful application is for a keypad that is situated in the bedroom, an alarm can sound in the morning to wake the user up.	
Turn Chime on or off	Chime	Allows users to turn chime on or off for selected areas without the requirement of a user code. Chime is commonly used to create a tone when a front door is opened.	
Review voice Messages	Messages	Allows users to listen to voice messages they may have been left through the control panel – the user can play and delete these messages.	
Send a text message	Send SMS	Allows users to send text messages from the control panels PSTN/ GSM module – the user can add a mobile phone number and a 255-character message and send this message.	
Display LCD Message	LCD Message	Allows users to display a text message on the LCD of all keypads.	
Countdown timer	Timer	Allows users to start a countdown timer without the requirement of entering a user code. A common application would be when cooking or for an office complex when the building needs to be closed.	

4. Troubleshooting

Message displayed on screen	When I might see this message	Potential reasons for message	Suggested methods to resolve
Zone 01 Active	When attempting to arm	The zone is reporting back to the main control panel an open state	Check the device to ensure it is not a door/ window that has been left open
Zone 01 Masked	Normal operation	The zone is reporting that an object is potentially obstructing its view	Check the area where the detector is located for anything that may be obstructing the detector
Zone 01 Tamper	Normal operation	The zones lid is not making a tight connection	Check the lid of the device to ensure it is securely fastened
Zone 01 Alarm	After an alarm condition	The zone has recently been alarmed and is awaiting a reset	Enter your user code and select 'Reset Alarms'
Omitted Zones	Normal operation	A user has manually disabled certain zones from operating on the system	Ask an installer or master user to help reinstate the zones if required
Confirm Devices	Normal operation	A networked device on the security system has been removed	Contact the installation company
Battery Fault	Normal operation	The main panel battery has become low voltage or removed	The internal battery should be replaced every 2-3 years
AC Fail	Normal operation	The mains to the control panel has been disconnected or lost	Check to ensure there is not a power cut, or contact the installation company
Tamper (Bell/ Panel Lid/ Aux/ Keypad/ Expander)	Normal operation	The devices lid is not making contact properly	Check the lid of the device to ensure it is securely fastened

Notes

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