



EF Series Alarms (EF-KIT1 & EF-KIT4)

Installation • Programming • Operating

Keep this manual safe for reference and future maintenance

Introduction

Thank you for choosing this Yale EF Series Alarm System. This simple to install system has been designed with the user in mind.

All the components are self contained and no connections are needed between the units. There is no need to damage the home decor, lift carpets or run cables.

You can install up to 30 devices in this system. As well as extra Door/Window Contacts, PIR Motion Detectors and Smoke Detectors, you can add Key Fobs and Key Pads for added control convenience.

There is no need to wire into the mains supply or seek the services of a qualified electrician. All components are powered by battery (all batteries included). Regular testing and battery changes (when notified by the system) will ensure reliability and peace of mind.

All components are 'tamper' protected. Any unauthorised tampering with the system will result in an alarm. This feature can be turned off by the user when a battery change is required.

Display extreme caution when using ladders or steps, please follow manufacturer instructions. Be careful when using hand and power tools and follow the manufacturers' guidelines when using them. Take care that the correct tools are used. Wear goggles or protective clothing where required.

The Siren is extremely loud, please ensure you replace the cover and retreat to a safe distance before testing.

Special Notes on Compatibility:

This alarm system is NOT compatible with HSA6000 series and HSA3000 series accessories. Please note the prefix "EF-" on the front of the part number to indicate compatibility. (Note: Not compatible with accessories that carry an 'SR' prefix).

For more information on this product and Yale Smart Living Range visit
www.yale.co.uk/smart-living
Consumer Support: info@yale.co.uk

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Recommended Installation Sequence

We recommend you follow the easy start sequence, headings numbered 1-5.



The 2 year guarantee for this Yale EF Series Alarm Kit is active from the date of purchase (A copy of this guarantee is available on our website).
Please register online within 12 months of purchase at www.yale.co.uk/registeryourproduct

Issue No. 1A

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1 Location planning

Work out the best places to locate the devices for maximum protection. Having chosen the locations do not mount at this stage.

Operating range

All devices must be within 30 metres of the Siren unit and must not be mounted on or near large metal objects. Avoid obvious sources of electrical interference such as fridges and microwave ovens.

Tamper switches

When mounting devices ensure that any tamper switches close fully. On uneven surfaces it may be necessary to place packing behind the switch for reliable operation.

Panic Button

The Panic Button provides extra protection for you and your family. When help is needed the button can activate your alarm immediately - even when the system is disarmed.

- Mount on flat wall surface
- Designed for indoor use only
- Out of reach of children
- Hidden from view while easily accessible.

Smoke Detector

- Mount in the middle of the ceiling at the top of a stairwell, or on the centre of hallway ceilings where smoke would most likely be detected.
- Do not mount in corners or above cooking appliances and heaters.
- Install additional detectors if there are closed doors preventing smoke from reaching detectors.

External Siren (EF-KIT1 ONLY)

Choose a position on an external wall where the Siren would be most prominent. Mount as high as possible, out of easy reach.

Door/Window Contact

Use one Door/Window Contact on a door that is used as the main point of entry and exit, usually your front door. The other Door/Window Contact can be used to protect another entry point such as a rear door.

- Mount as high as possible.
- Do not aim a PIR Motion Detector at this door or window.

Key Fob

Can be used outside the premises and kept on your keyring.

Indoor Siren (EF-KIT4 ONLY)

Choose a position on an internal wall where the Siren would be most prominent. Mount as high as possible, out of easy reach

PIR Motion Detector

- Mount in a position such that an intruder would normally move across a PIRs field of view.
- Height should be between 1.9 and 2 metres above floor level.
- Location in a corner will ensure wider room coverage.
- Do not mount a PIR where its field of view will be obstructed e.g. by curtains, ornaments etc.
- Do not point directly at sources of heat e.g. fires or boilers, and do not position directly above radiators.
- Avoid mounting a PIR directly facing a window.
- Do not point a PIR at a door protected by a Door/Window Contact.

Key Pad Remote Control

- The Key Pad should be sited next to the main point of entry/exit so that the system can be disarmed/armed within 20 seconds of entering/leaving the premises.
- Ensure that the Key Pad is not visible from the outside of the premises.
- Mount at chest height for ease of use.
- Designed for indoor use only.

Extend the system

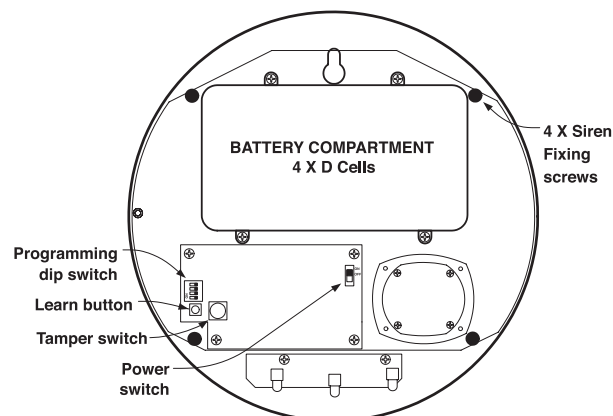
Extend the system in the future to increase your security or as your needs change.

For example, add extra PIR Motion Detectors in bedrooms and extra Door/Window Contacts (30 devices in total, including Key Pad).

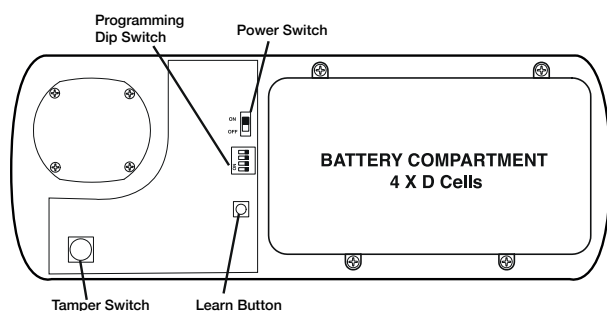
2 Unpack all the parts

The easiest way to get to know the system and get it up and running quickly is to get all the devices and accessories programmed before locating and mounting them.

External Siren (EF-KIT1 ONLY)



Indoor Siren (EF-KIT4 ONLY)



Siren Setup

1. Remove the cover by unscrewing the single screw located on the lid.
2. Ensure the dip switches position are as shown in the diagram. If the switches are in the wrong position, please change accordingly.

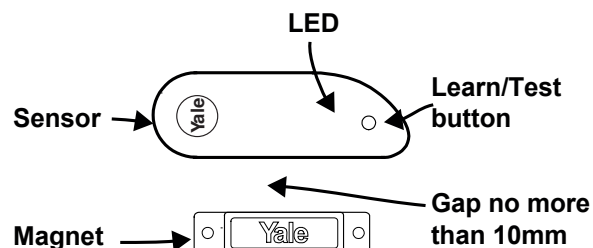


DO NOT SWITCH THE POWER SWITCH TO ON POSITION AT THIS STAGE.

i Dip Switches

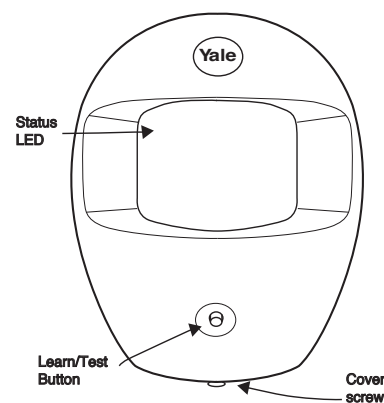
DSW 1: Siren Reset
DSW 2: Jamming detection
DSW 3: Not in use (Supervision)
DSW 4: Siren as Master/Slave (On position only)

Door/Window Contacts



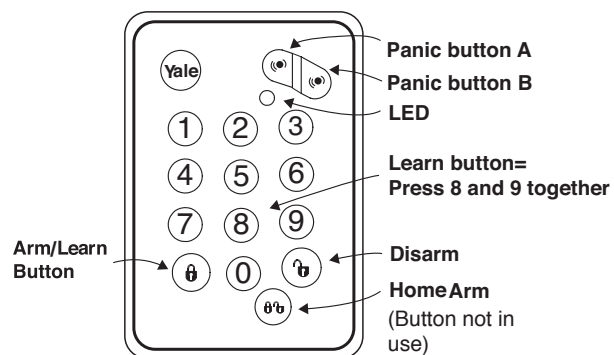
Pull out the plastic pull tab found on the side of the main unit. This will activate the battery.

PIR Motion Detectors



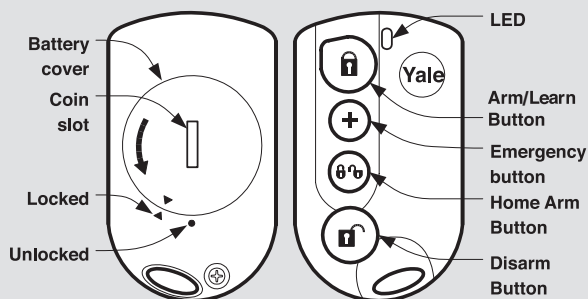
Pull out the plastic pull tab on the back of the PIR. This will activate the batteries. (A red light can be seen flashing through the lens. This will last for 30 seconds indicating the component's initiation.)

Key Pad



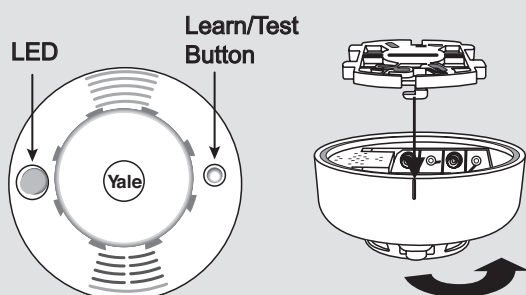
Pull out the plastic battery saver tab at the back of the Key Pad. This will activate the batteries.

Key Fob



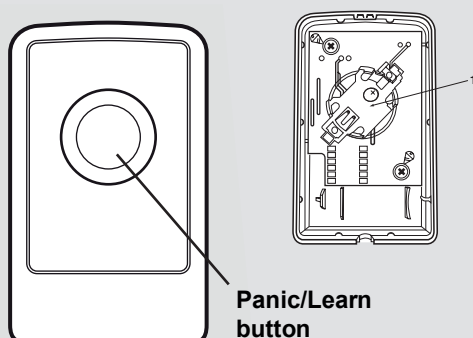
- 1 Open the battery compartment using a coin by turning the cover in the direction of the big arrow so the cover small arrow is next to round dot.
- 2 Insert CR2032 coin cell battery and replace cover.

Smoke Detector



- 1 Remove the cover and insert 3 x AA batteries.
- 2 The Smoke Detector will now enter into self-calibration mode for 10 minutes (Do not touch during this time). It will resume normal operation after this period.

Panic Button

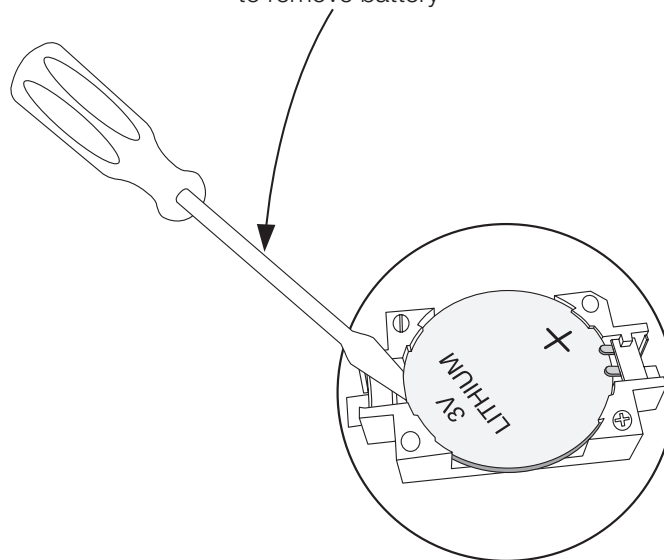


Remove the cover by loosening the fixing screw and insert the CR2032 coin cell battery (supplied) as shown (1). Ensure you observe battery polarity and insert the battery under the two tabs and click in to place (see insertion image, page 4).

Battery Removal and Insertion. Door/Window Contact Key Pad and Panic Button

Removal

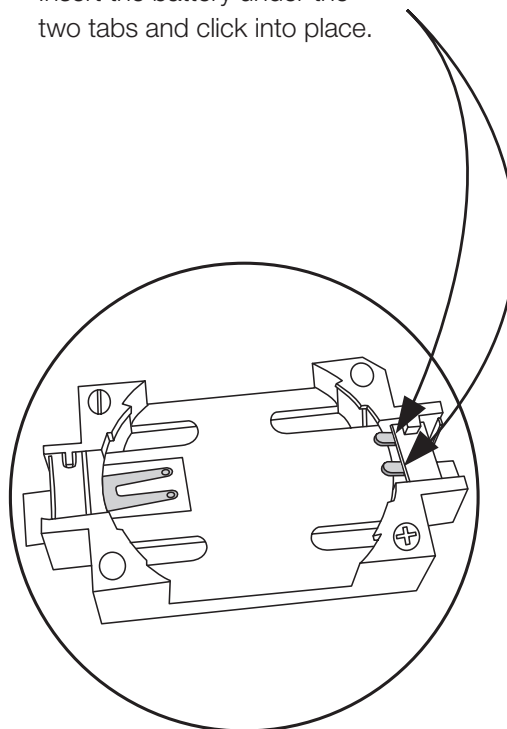
Insert flat head screwdriver to remove battery



Insertion

IMPORTANT

Insert the battery under the two tabs and click into place.





3 Programming the system

The Siren is the heart of the system. All components must be recognised by the Siren.

WARNING

The Siren is very loud, be prepared!

Take care not to activate the Siren tamper switch unnecessarily.

1. Switch the Siren's power switch to ON

(The LEDs will now flash with one short beep.)

Once powered, the Siren will enter learn mode for **3 hours**. All tamper protections are disabled during this time period. Please ensure that ALL devices are fitted whilst the Siren is still in learn mode.



The system is pre-learnt in the factory and the system should recognise all the items (within this kit) as default.

If the items are not recognised, deleted by accident or purchased accessories, please press the learn button on the accessories (when the power switch is first turned on and in learn mode) to learn each one into the system. **Do not** press the Siren learn button. See Chapter 2 for learn button location. The Siren will beep each time it receives a learn signal to indicate that the accessory is now recognised by the system.

2. Enable/disable Jamming & interference detection:

- Set Dip switch 2 On to enable interference detection or Off to disable interference detection (recommended default).



This system is equipped with the latest type of radio receiver using FM radio technology. If the system is armed any criminal attempt to interfere with the system transmissions will trigger an alarm. If the alarm is frequently triggered by interference there may be high levels of unusual radio signals in your area. Some kinds of electronic equipment can generate this kind of radio interference. In the unlikely event of you experiencing problems with interference, it is recommended that you switch interference detection off.

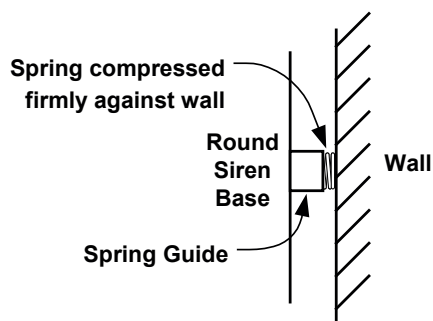
3. The system is now ready for mounting.

4 Mounting devices

Before mounting the Key Pad and Siren ensure that the Siren tamper is disabled. (See page 9 tables 1 and 2).

Mounting the Siren

Ensure the tamper switch is fully depressed when the Siren is mounted. If there is a gap, pack with a suitable spacing material.



1. Using the large screws and wall plugs provided, screw the Siren onto the wall through the 4 mounting holes on the Siren base.
2. Fix the Siren cover with the securing screw.

Mounting other devices

Find a location where the device is to be mounted, see section "Location Planning" (Page 2) for suggestions.

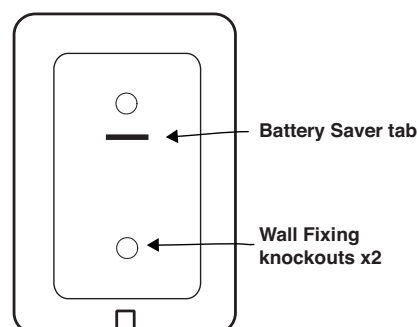
i Before proceeding to mount the devices, physically check that the Siren will receive the system radio transmissions by doing a simple radio range test.

- **Key Pad:** Hold the Key Pad in the desired location and press the arm button. (The Siren will beep as confirmation.)
- **Panic Button:** Hold the device in the desired location and press the learn/test button for 2 seconds. (The Siren should respond with a single beep.)
- **All other devices:** Hold the device in the desired location and press the learn/test button. (The Siren should respond with a single beep.)

When you are satisfied that the devices work in your chosen locations, proceed with the installation as described in the next page. If the Siren does not respond, the location may be out of range. Try alternative locations to establish a reliable radio signal.

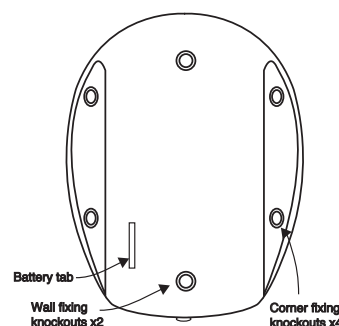
Mounting the Key Pad:

1. Knock out the fixing holes. Drill holes into the wall using the fixing holes as a template.
2. Fit wall plugs into the wall and fix back cover with the screws provided. Fix front of the Key Pad onto the back plate.



Mounting the PIR Motion Detector

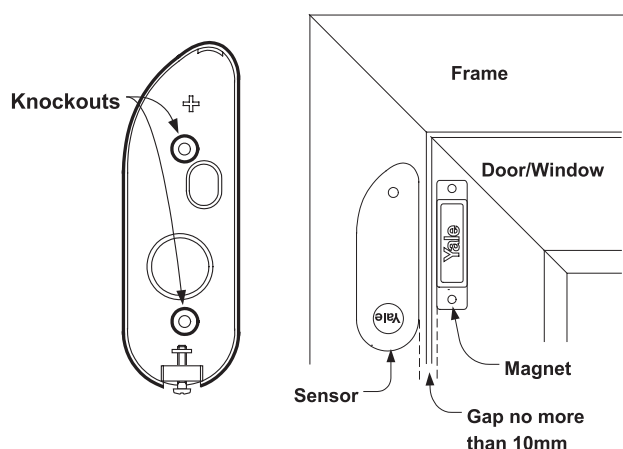
1. Open the PIR by loosening the bottom screw. Knock out the relevant holes on the base where the plastic is thinner. The center two knockout holes are for flat wall mounting while the 4 side holes are for corner mounting.



2. Drill holes into the wall using the knockout holes on the base as a template.
3. Fit wall plugs and secure the PIR base with the screws provided.
4. Fit the PIR back together and tighten the bottom screw. The PIR installation is complete.



Mounting the Door/Window Contact



Note: The Door/Window Contact and magnet can be changed round as long as there is no more than a 10mm gap.

1. Find a location on the Door/Window where you would like the device to be mounted. The sensor should be on the frame while the magnet should be on the door/window. Once mounted make sure the tamper switch spring is fully depressed.

i The gap between the magnet and sensor should be no more than 10mm when closed (maybe shorter depending upon the actual environment). Simply test to see whether the magnet is in range of the sensor: hold the magnet and sensor in place and then pull them apart. If the sensor LED lights up it implies the two items are within range.

Mounting using adhesive pads

Clean the mounting surface with a suitable degreaser agent. Please note that some surfaces may be unsuitable for this mounting method. Please use screw mounting in these cases.

Mounting using screws & wall plugs

Loosen the bottom screw and open the door window contact. Knock out the holes on the base as shown. Drill holes into the mounting surface using the holes in the knockouts on the base as a template. Fit wall plugs (if required) and secure with the screws provided.

Mounting the Panic Button

1. Break through the knockouts (where the plastic is thinner).
2. Using the holes as a template, drill holes in the surface and insert wall plugs if fixing into plaster or brick. Screw the rear case to the wall. Replace the cover and tighten the screw.

Mounting the Smoke Detector

1. The base has two mounting slots. Using the slots as a template, drill holes and insert the wall plugs if fixing to plaster. Screw the rear case to the ceiling using the screws provided.
2. Replace the main unit onto the bracket.

Display extreme caution when using ladders or steps, please follow manufacturer's instructions.

Be careful when using hand and power tools and follow the manufacturer's guidelines when using them. Take care that the correct tools are used. Wear goggles or protective clothing where required. The Siren is extremely loud, please ensure to retreat to a safe distance before testing.



5 Using the system

Arm and disarm the system and practice using it. Trigger the alarm by arming the system and opening protected doors/windows and walking past PIRs.



The PIRs have a built-in sleep timer to save battery power. If there is no motion in front of the PIRs for 1 minute, the PIRs will become 'ready to signal' and motion will now be reported. The PIRs will sleep for 1 minute after reporting.

Any motion detected in sleep time will not be reported and will extend the sleep period by a further 1 minute.

Arming the system

Key Pad/Key Fob: Press Arm

(The siren will beep/flash once. No audible countdown.)



- **Key Pad** will arm the system with a 20 seconds exit period. All detectors will be ignored (except for the tamper switches). The system can be armed when inside the protected area of your premises.
- **Key Fob** will arm the system instantly without a 20 second exit delay. Any detector activated afterwards will trigger an instant alarm. The system should be armed when outside the protected area of your premises.

Disarming the system

Key Pad: Press Disarm followed by your PIN code.

Key Fob: Press Disarm.

(The siren will beep twice and flash.)



- **Key Pad:** If the system has been armed with a Key Pad there will be a 20 second entry period started when the first detector is activated (usually a Door/Window Contact on the main point of entry). During this entry period all detectors will be ignored.
- If the system is not disarmed before the entry period expires, the alarm will be activated.
- The system does not have an audible countdown during the entry period, however the siren will beep once when the first detector is triggered.
- **Key Fob:** If the system has been armed with a Key Fob there will be no 20 second entry period and any detector activation will give an instant alarm.
- The system should be disarmed from outside the protected area of your premises.

Stopping the Siren

Key Pad: Press Disarm followed by your PIN Code.

Key Fob: Press Disarm.

(The Siren will be silenced and then beep twice and flash.)

Changing your Key Pad PIN code

1. Enter setting mode: Press the Panic Button A, followed by entering the current PIN code (factory default code is 0000).

(The LED will now flash continuously.)

2. Press Panic Button B.

3. Enter new 4-digit PIN code.

4. Press Arm button to confirm.

5. Exit setting mode: Press Disarm twice to quit the changing code process, or wait for 5 minutes for the Key Pad to quit test mode automatically.

(The LED will now stop flashing.)



- If the PIN code doesn't change, repeat the above procedure quickly without gaps.

Tamper alarm warning

If any device tamper switches are disturbed a tamper alarm will be activated with the Siren sounding and the strobe flashing. The alarm can be silenced as described in "Stopping the Siren".



If there is a persistent Siren tamper fault then a series of 5 pips and flashes will be given when the system is armed, then the Siren should be checked for any mounting problems and if the Siren lid is secure. Use packing material for uneven wall surface. (See page 6).

Previous alarm warning

Should there be an alarm that was triggered and has since expired (while the user was away), the Siren will sound and flash for 3 seconds after disarming (user returning home).

My PIN code:

(Write your PIN code here so you don't forget it)

Using your Panic Button

Activate an Alarm

- Press and hold the red button for at least 3 seconds. The LED will light momentarily and the alarm will be activated.

Silence an Alarm

1. Press and hold down the red button for 10 seconds. The LED will light momentarily for a second time and the alarm will be silenced.
2. Please note that silencing the alarm with the Panic Button does not reset the system. If the alarm is armed prior to activation, the system will re-arm after being silenced with the Panic Button.
3. The system will require a reset at the Smart Hub after being silenced with the Panic Button.

Using your Smoke Detector

Smoke Detection

When smoke is detected the device will activate for a minimum of 10 seconds with a two tone alarm and flashing LED. The Detector will send a radio signal to the Smart Hub. You will then be notified via a push notification, SMS and email .

- Pressing the test button when in an alarm condition will silence the alarm for 10 minutes. It will automatically resume smoke detection again after this period.

Testing

- Smoke Detector testing should be done on a regular monthly basis. Pressing the test button will make the LED flash, the audible sounder chime and will send a radio test signal to the Smart Hub when the button is released. If nothing happens after pressing the test button, it indicates the batteries will need changing.

Recalibration

- The Smoke Detector might need recalibrating after time to ensure it is working at its optimum. This is done by pressing and holding the test button until the LED flashes and beeps after 10 seconds. The Detector will then start its self calibration routine.

Using your Key Pad

- The Key Pad can be used to Away Arm and Home Arm the system using the buttons as shown.
- The system is disarmed by pressing the disarm button followed by your PIN code.
- An emergency alarm can be activated by pressing the panic A and B buttons simultaneously. Deactivate panic event by pressing the disarm button followed by your PIN code.
- If there is a system fault, you will need to press the Arm/Home Arm button for a second time to “force arm” the system.

Key Pad Modes:

Table 1

Entering setting mode:

Press Panic Button A followed by your PIN Code (factory default is 0000).
(The LED on the keypad will start flashing. You can now select the desired mode/function)

Function setting:

Press Panic Button A , followed by one of the following number keys:

1. Send learning/testing signal (same as 8+9)
2. Disable Siren tamper
3. Enable Siren tamper
4. Enter learn mode (not suitable for first time set-up)
5. Exit learn mode
7. Key Pad to work with Control Panel or Smart Hub based system.
8. Key Pad to work with Siren based system (e.g. EF-KIT1 and EF-KIT4)

Exiting setting mode:

Press Disarm twice.

(The LED will now stop flashing. If not, press Disarm twice again)

Key Fob Modes:

Table 2

• Sending learn signal

Press any key except the Emergency (+) button.

• Siren tamper (Enable)

Press and hold down Arm and Emergency (+) buttons together for 5 seconds.

• Siren tamper (Disable)

Press and hold down Arm and Home buttons together for 5 seconds.

• Learn mode (Enter)

Press and hold down Home and Emergency (+) buttons together for 5 seconds.

• Learn mode (Exit)

Press and hold down Disarm for 5 seconds.



6 Adding accessories to an existing system

To provide additional protection you can add extra Door/Window Contacts, PIRs, Key Fobs, Key Pads, Panic Buttons and Smoke Detectors. These are available separately from your local stockist.

Adding devices to an already installed system

The installed system will be controlled by either a Key Fob(s) or a Key Pad(s).

Using your existing Key Pad:

- 1. Enter Setting mode:** Press Panic Button A followed by the PIN Code
(Indicated by a continuously flashing LED.)
- 2. Switch OFF system tamper:** Press Panic Button A followed by 2
(The Siren will beep in response.)
- 3. Enter learn mode:** Press Panic Button A followed by 4 . (The Siren will beep and flash in response.)
- 4. Learning:** Press device learn/test buttons on the new devices (see Chapter 2 for button location) to trigger learning-in signals.
Examples: To add a new Key Fob, you will need to press the top button (Arm/Learn). To add a new Key Pad, you will need to press button 8 & 9 together to transmit learning-in signals.
(The Siren will beep and flash when each device is learnt in.)
- 5. Exit learn mode:** When all the devices have been learnt in, press Panic Button A and 5 to quit learn mode.
- 6. Switch ON system tamper:** Press Panic Button A and 3 to rearm tamper protection.
- 7. Exit Setting mode:** Press Disarm twice to exit.
(The Key Pad LED will now stop flashing.)

Using your existing Key Fob:

- 1.** Press the Arm and Home buttons together continuously for 5 seconds until the LED stops flashing to switch off the tamper while installing the new device.
(The Siren will beep in response.)
- 2.** Press the Home and Emergency (+) buttons together continuously for 5 seconds until the LED stops flashing to enter learn mode.
(The Siren will beep and flash in response.)
- 3.** Press device learn/test buttons on the new devices (see Chapter 2 for button location) to trigger learning-in signals.
Examples: To add a new Key Fob, you will need to press the top button (Arm/Learn). To add a new Key Pad, you will need to press button 8 & 9 together to transmit learning-in signals.
(The Siren will beep and flash when each device is learnt in.)
- 4.** When all the devices have been learnt-in press and hold the Disarm button to quit learn mode.
- 5.** Press the Arm and Emergency (+) buttons together continuously for 5 seconds until the LED stops flashing to rearm tamper protection.

Please note that you cannot have more than one siren in your system.

7 Changing the batteries

Always use correct type of batteries as replacements because any other battery can cause problems with the operation of the system. Ensure the correct steps are taken when changing batteries in tamper protected devices.

Door/Window Contact Battery Change

When the battery is low the LED will light up when the door/window is opened. The battery is changed as follows:

1. Switch off tamper protection as described on page 9, Table 1.
2. Loosen the case screw and remove the Door/Window Contact from the base to reveal battery.
3. Using a screwdriver gently lever out the old battery.
4. Insert new CR2032 coin cell battery with the + side uppermost. See picture on page 12.
5. Press battery into holder firmly with finger and thumb until a click is heard.
6. Refit sensor on base and tighten bottom case screw. Switch tamper protection back on as described on page 9, Table 1.

- Door/Window Contact case tamper conditions are also indicated by a lit LED, check the tamper before changing the battery.

PIR Motion Detector Battery Change

When the battery is low the LED will flash when any motion is detected. The batteries are changed as follows:

1. Switch off tamper protection as described on page 9, Table 1.
2. Loosen the case screw and remove PIR from base to reveal the batteries.
3. Insert 3 x AAA alkaline batteries observing correct polarity.
4. Refit PIR on base and tighten bottom case screw.

- Ensure tamper spring is fully depressed when re-fitting the PIR to the back case. If this has not been done correctly this will be indicated by a flashing LED on the PIR.

Siren Battery Change

When the batteries start getting low the Siren will produce a series of audible pips and flashes during arming and disarming.

1. Switch off tamper protection as described on page 9, Table 1.
2. Remove the Siren lid and switch the Siren power switch to OFF.
3. Unscrew the four screws on the battery compartment lid and remove the cover.
4. Remove the four batteries, wait for 30 seconds, and replace them with four fresh alkaline "D" batteries.
5. Switch on Siren power and check that the Siren beeps and flashes.

Warning: After the batteries have been inserted, the tamper will become active after three hours. Please replace the cover back onto the Siren quickly.

Tamper protection will automatically be re-enabled when the 3 hour period has passed.

- Siren case tamper conditions are also signalled by a series of beeps when the system is armed but not when the system is disarmed (low battery warning produces a series of audible pips when armed and disarmed), take care not to confuse the two different conditions.

Changing the batteries (Continued)

Key Fob Battery Change

When the battery is low the LED will glow dimly when any key is pressed. The battery is changed as follows:

1. Using a coin turn the battery cover anticlockwise to the unlocked position and remove cover and battery.
2. Insert new CR2032 coin cell battery with the + side uppermost (see diagram below).
3. Replace battery cover. Press any key and check that the LED lights. If the LED lights the new battery installation is successful.

Key Pad Battery Change

When the battery is low the LED will flash when any key is pressed. The battery is changed as follows:

1. Switch off tamper protection as described on page 9, Table 1.
2. Unscrew the two Key Pad case screws and remove Key Pad back to reveal battery.
3. Using a screwdriver gently lever out the old battery.
4. Insert new CR2032 coin cell battery with the + side uppermost. (See picture below).
5. Press battery into holder firmly with finger and thumb until a click is heard (see picture below).
6. Press a number key and check that the LED lights. If the LED lights the new battery installation is successful, screw the Key Pad case back on and the battery change is complete.

Panic Button Battery Change

When the battery is low the LED will glow dimly when the button is pressed. The battery is changed as follows:

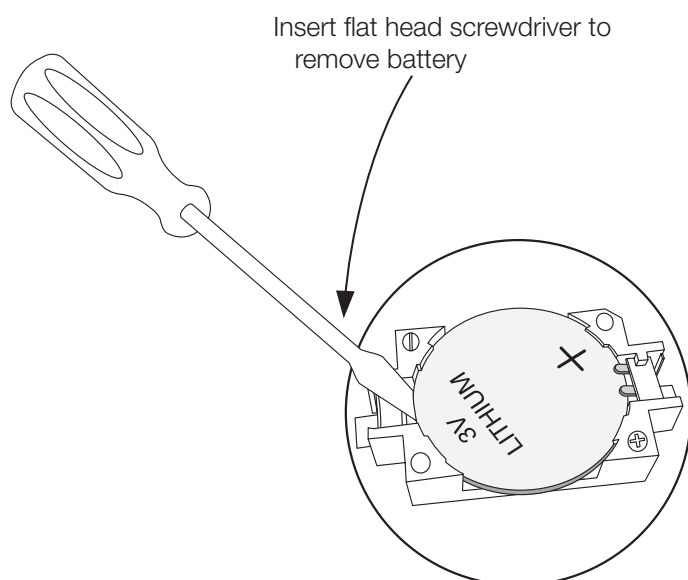
1. Loosen the bottom case screw and take button cover off base.
2. Insert the new CR2032 coin cell battery with the + side uppermost (see picture below)
3. Replace button cover. Press the button and check that the LED lights. If the LED lights the new battery installation is successful.

Smoke Detector Battery Change

When the battery is low the LED will flash accompanied by a low volume beep once every 30 seconds.

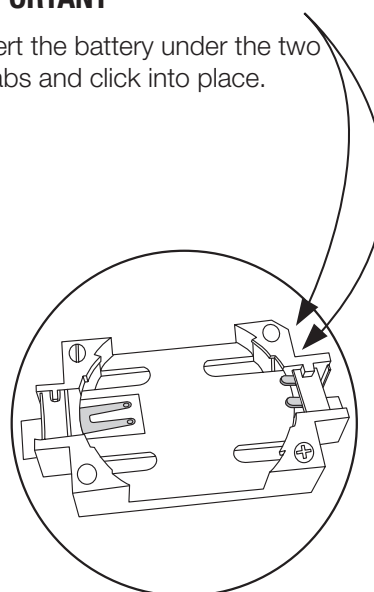
1. Rotate Smoke Detector anti-clockwise to detach from base bayonet fixing.
2. Insert 3 x AA alkaline batteries, taking care to observe polarity and wait 10 minutes for the Smoke Detector to recalibrate itself, indicated by a rapidly flashing LED.
3. Replace Smoke Detector on base and rotate clockwise to lock.
4. Press the test button and check that the LED lights and the sounder chimes to confirm the new battery installation is successful.

Battery Removal and Insertion. Door/Window Contact Key Pad and Panic Button



IMPORTANT

Insert the battery under the two tabs and click into place.





8 Troubleshooting

Siren

Siren does not respond to Key Pad

- Key Pad low battery or bad connection. Check battery connections and polarity, if OK replace battery.
- Siren batteries are completely exhausted. Check Siren batteries by removing Siren cover, if there is no tamper alarm when removed, replace batteries with new alkaline equivalents.
- Key Pad not learnt-in. If Siren produces a tamper alarm when the cover is removed, and Key Pad is OK, learn-in the Key Pad.
- Siren could be out of radio range.

Siren produces a 3 second alarm when disarmed

- There has been a previous alarm and there might be an intruder still in the premises.

Siren produces a series of audible pips when armed or disarmed

- If the Siren produces a series of pips when arming and disarming this indicates low batteries.
- If the Siren produces a series of pips only when arming this indicates a tamper fault. Check that the Siren cover is firmly secured and the tamper spring on the back of the Siren is fully depressed when in contact with the wall. If not use suitable packing material to fill the gap (refer to page 6 for diagram).

Siren produces an interrupted tone when sounding an alarm

- The Siren has low batteries. Change batteries with new alkaline replacements (See page 11).

Key Pad

The Key Pad LED will not light when the Arm key is pressed

- Battery is completely exhausted. Replace the battery with new CR2032 coin cell battery (See page 12).

The Key Pad LED will not work after battery changes

- Battery has been inserted incorrectly and the + battery contact pin had been pressed to the side. Check the battery compartment and ensure the + battery pin stays above the battery.

The Siren will not respond to the disarm PIN code

- Ensure that the Key Pad mode is correct by entering test mode and pressing Panic Button "A" then "8".

Forgotten user PIN code

- See "Key Pad reset procedure" on page 14.

PIR Motion Detector

PIR does not respond to motion

- Previous motion has triggered the PIR sleep timer and is preventing subsequent motion detection. Arm the system and vacate protected area for at least 90 seconds before testing. By pressing the learn/test button the PIR LED will light up and detect motion for the first minute.

PIR Motion Detector is slow to respond

- This is normal, the PIR Motion Detector has sophisticated false alarm filtering that will filter out random fluctuations and responds to genuine motion across field of view, it is less sensitive walking directly towards it.

PIR Motion Detector gives false alarms

- Check pets have no access to the protected area.
- Check that the PIR Motion Detector is not pointed at sources of heat or moving objects, e.g. fluttering curtains.
- Check that the PIR Motion Detector is not mounted above convector heaters or pointing directly at windows.

Door/Window Contact

Door/Window Contact LED lights up

- Batteries are low or the tamper switch is disturbed. Check that the tamper switch spring is making contact with the mounting surface. If the tamper switch is OK, change batteries with new alkaline replacements (See page 11).

Door/Window Contact does not respond to opening when jumper is in test position.

- Batteries are completely exhausted. Change the battery (See page 11)
- The magnet is too far away from the Door/Window Contact. Check that the gap between Door / Window Contact and magnet is not greater than 10mm.



8 Troubleshooting (Continued)

Siren reset procedure

- Switch the power switch to 'Off' position. Press the learn button a few times to drain any residual power.
- Switch dip switch 1 to 'On' position
- Switch the power switch to 'On' position. Wait 5 seconds. Siren LED will flash 1 cycle.
- Switch dip switch 1 to 'Off' position

The Siren is now reset and all learnt devices are cleared from memory. See chapter 3 for initial set-up. Please be reminded that all devices will need to be learnt in at this point. Individually, press the learn button on device to learnt in.

Key Pad reset procedure

The Key Pad is tamper protected. Please ensure the siren tamper is disabled before you open the Key Pad cover. See Page 9, table 1 for siren tamper disable procedure.

- Open cover and remove battery. Reinsert with the number "3" key pressed (taking care 3 is held down).
- The Key Pad will go back to the "0000" Key Pad code.
- The Key Pad will now have to be re-learnt into the Siren, see chapter 3.

Consumer Support Helpline

Should you have any questions or experience a problem with your Yale Alarm Kit, please contact our Consumer Support Helpline.

Tel: 01902 364606

Monday - Friday 8.30am - 5.30pm

Email: info@yale.co.uk



9 Specifications

All devices

Environmental conditions

-10°C to 40°C, relative humidity 70% non-condensing for all units except the external siren. Siren: -20°C to 50°C, relative humidity 95% non-condensing

Radio operational range

30m in a typical domestic installation, range can vary depending on building construction, device positions and RF environment

Housings ABS/polycarbonate

Siren

Siren output 104dBA sound pressure @ 1m minimum

Radio 868MHz FM

Power supply 6V, 4 x D alkaline batteries.

PIR Motion Detector

Alarm processing Microprocessor controlled dual edge sequential pulse count with pulse length discrimination

Radio 868MHz FM

Power supply 4.5V, 3 x AAA alkaline batteries.

Movement detection range

12 metres, 110°

Door/Window Contact

Radio 868MHz FM

Power supply 3V, CR2032 lithium coin cell battery.

Smoke Detector

Radio 868MHz FM

Power supply 4.5V, 3 x AA alkaline batteries.

Tested to EN54

Key Fob

Radio 868MHz FM

Power supply 3V, CR2032 lithium coin cell battery.

Key Pad

Radio 868MHz FM

Power supply 3V, CR2032 lithium coin cell battery.

Panic Button

Radio 868MHz FM

Power supply 3V, CR2032 lithium coin cell battery.



ASSA ABLOY Ltd.
School Street, Willenhall
West Midlands
England, WV13 3PW

EC Declaration of Conformity

We: **ASSA ABLOY Ltd**
School Street, Willenhall
West Midlands
England, WV13 3PW

Declare under our sole responsibility that the following product(s):

Yale Model:	SR-PIR	EF-PIR
	SR-PETPIR	EF-PETPIR
	SR-DC	EF-DC
	SR-KF	EF-KF
	SR-KP	FE-KP
	SR-PB	EF-PB
	SR-SD	EF-SD
	SR-BX	EF-BX
	SR-PC	EF-BXINT
	SR-PVC	EF-PANEL
	SR-PS	EF-IPBOX
	SR-RS	EF-INTBOX
	SR-SR	EF-Easy Fit Alarm Kits
	SR-EIR	
	SR-SR	
	SR-WS	
	SR-CO	
	SR-HUB	
	SR-HUL	
	SR-HSL	
	SR-MZ8	
	SR- Smart Home Alarm kits	
	SR- Standard Alarm kits	
	SR-Smartphone Alarm kits	

Is (are) in conformity with the following relevant harmonized standards:

EN 300-220-1 / v 2.4.1 (2012)
EN 300-220-2 / v 2.4.1 (2012)
EN 301- 489-1 / v 1.9.2 (2012)
EN 301- 489-3 / v 1.6.1 (2012)
EN 60950-1 / 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013

Following the provisions of Council Directive 1999/5/EC on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.

Name: **Nigel Fisher** Position: **Director**
Signature:  Date: 03/03/2016

On behalf of ASSA ABLOY Ltd.



WEEE

Note: Waste electrical products and batteries should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

NoPb



Issue No: 1A

THE YALE BRAND, with its unparalleled global reach and range of products, reassures more people in more countries than any other consumer locking solution.

THE ASSA ABLOY GROUP is the world's leading manufacturer and supplier of locking solutions, dedicated to satisfying end-user needs for security, safety and convenience.