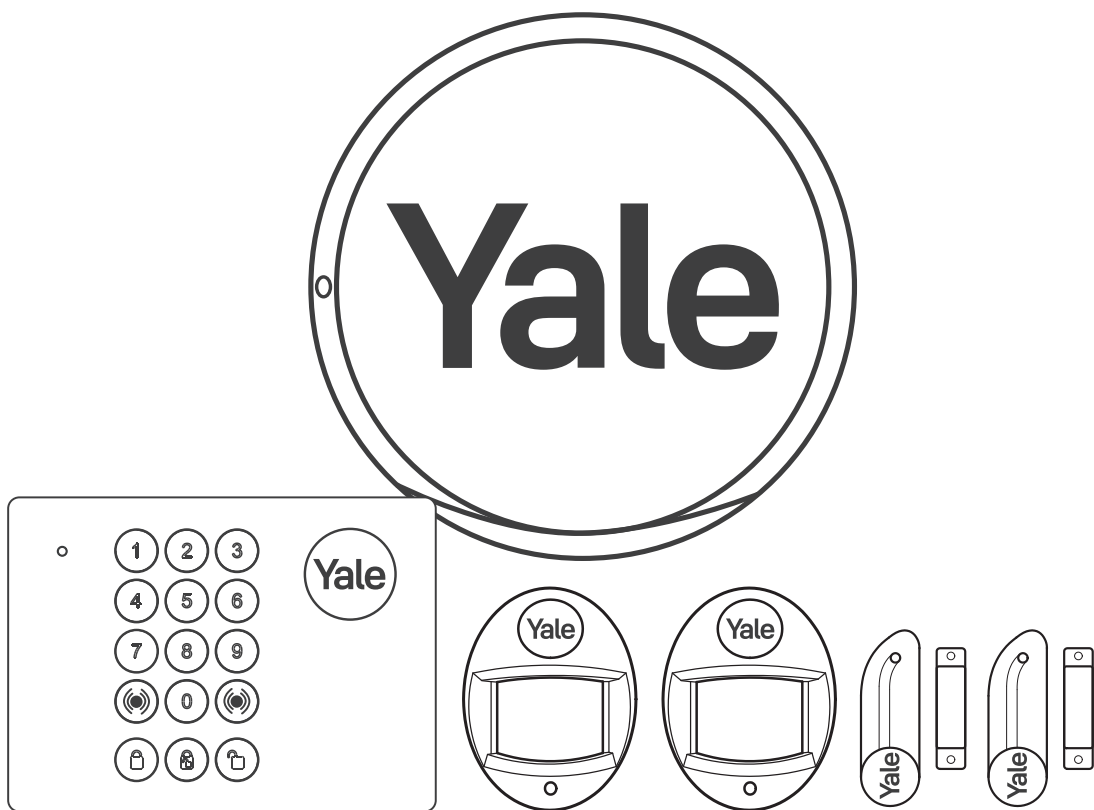


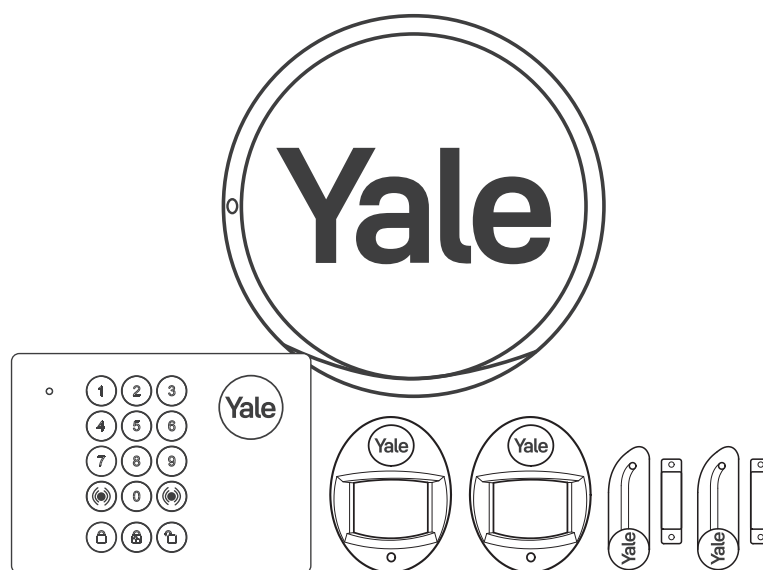


Yale 6 Piece Alarm Kit
YAK-HSA6700
User Manual



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1. Location planning	4
2. Overview of alarm components	5
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4. Mounting alarm devices	10
5. Using the system	13
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7. Changing the batteries	16

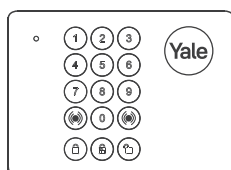


What's in the box

The following items should be in your alarm kit:



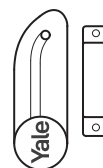
Siren x 1



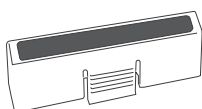
Keypad x 1



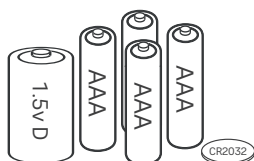
PIR Motion
Detector x 2



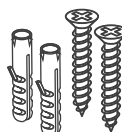
Door/Window
Sensor x 2



Bracket x 1



Batteries
Included



Fixings



Instruction
Manual

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.

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.

- Easily accessible
- Out of reach of children

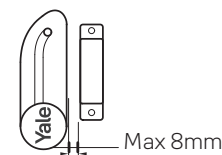


Siren

Plan the location of the Siren to be on an external wall, where it would be most prominent, as high as possible and out of reach.

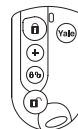
Door/Window Contact

Ensure Door/Window Contact & magnetic sensor strip are within 8mm of each other. Can be positioned horizontally or vertically on doors or windows.



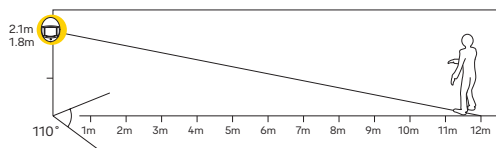
Remote Key Fob*

30m working distance.



PIR Motion Detector

- Mount in a position that is inwardly facing the room and where it has sight of most of the room.
- Do not mount a PIR where its field of view will be obstructed.
- Do not point directly at, or position directly above sources of heat.
- Avoid mounting a PIR directly facing a window.



Keypad

Choose where you will position the keypad.

- Wall mounted
- Or on desk or tabletop
- The Keypad should be sited next to the main point of entry/exit
- Keypad should not be clearly visible from the outside
- Indoor use only



Extend the system

- Extend the system to increase your security as your needs change.
- Install up to 20 devices.
- Compatible with HSA 6000 series accessories ONLY (Excluding Premium Plus Alarm Tags - 666061001001)

*Additional accessories sold separately.



PIR
666020001001



Pet Friendly PIR
666021001001



Door/Window Contact
6660100001001

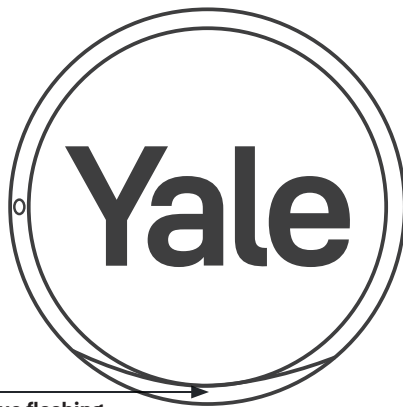


Panic Button
663045001001



Remote Key Fob
666060001001

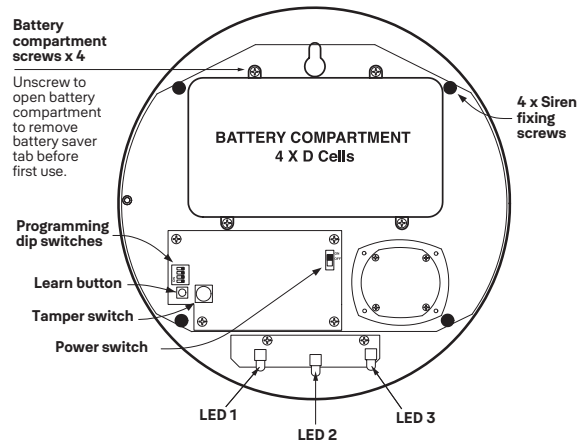
2. Overview of Alarm Components - The Siren



Shows as blue flashing light when activated

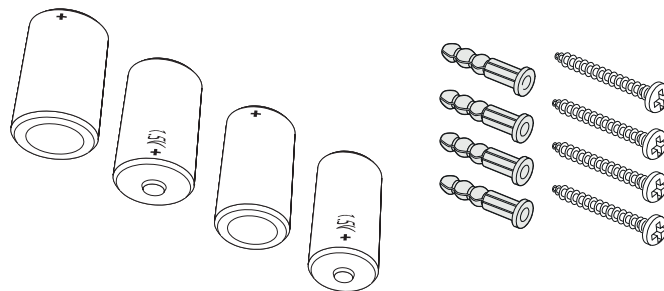


The Siren is very loud! Take care not to activate the Siren tamper switch unnecessarily.



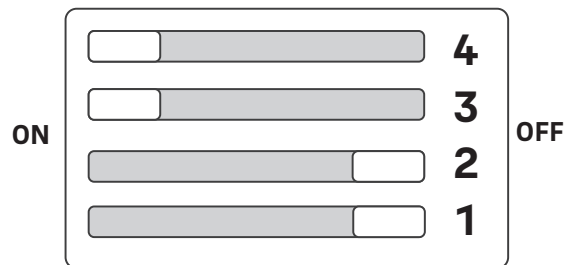
The Siren is the heart of the system. All components must be recognised by the Siren.

4x D Batteries + wall plugs and screws included with the Siren.



① Dip switch positions:

Remove the cover by unscrewing the single screw located on the left hand side. On the middle left hand side you can see the programming dip switch set, which consists of 4 small switches.



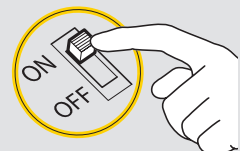
The function of each dip switch is listed below:

Before initial set up of the Alarm Kit begins, the dip switches should be set as shown in the diagram. You do not need to change the setting of these dip switches unless mentioned in specific sections of this manual.

	Function	On	Off	Positions
Dip Switch 1	Clear Memory	Clear	Normal	OFF
Dip Switch 2	Interference/Jamming detection	Interference on	Interference off	OFF
Dip Switch 3	Set full arm/part arm attributes for accessories when 'learning in'	Full arm mode (Entry)	Part arm mode (Home Omit)	ON
Dip Switch 4	Stand Alone/Slave mode	Stand alone	Slave	ON

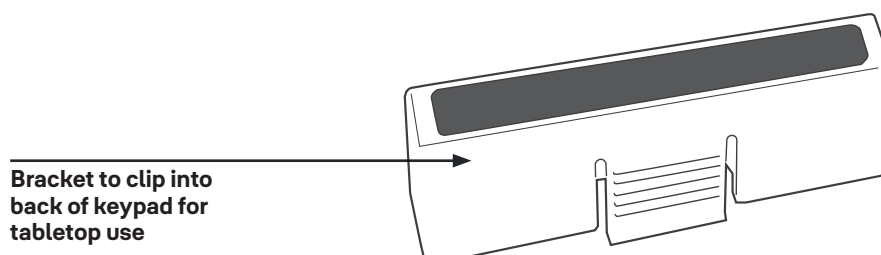
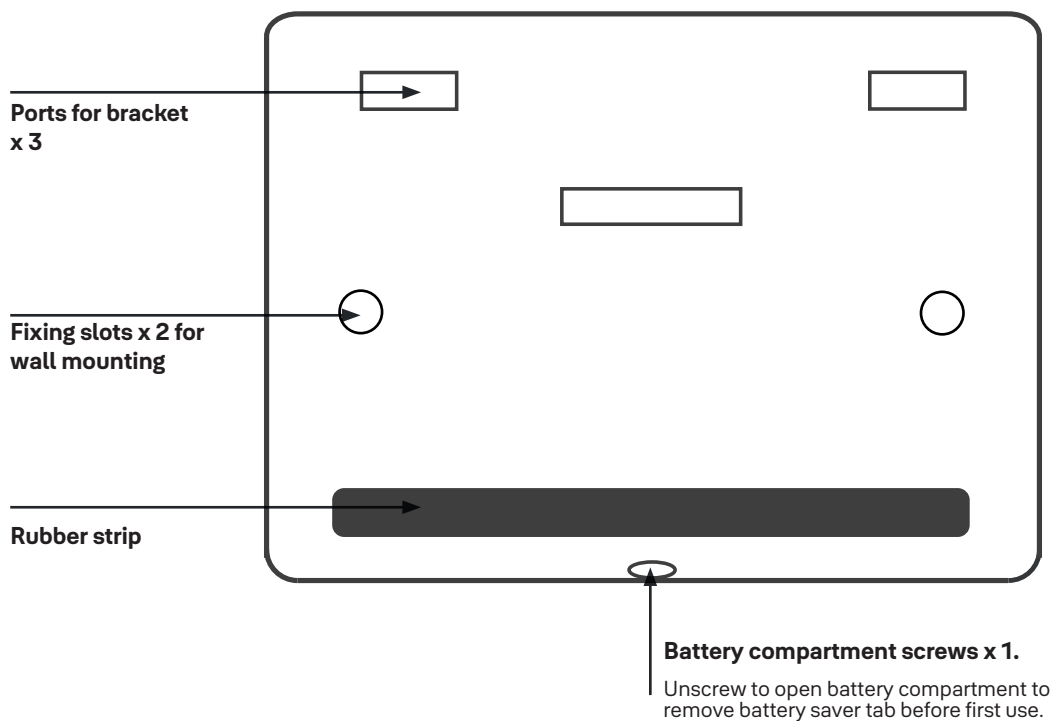
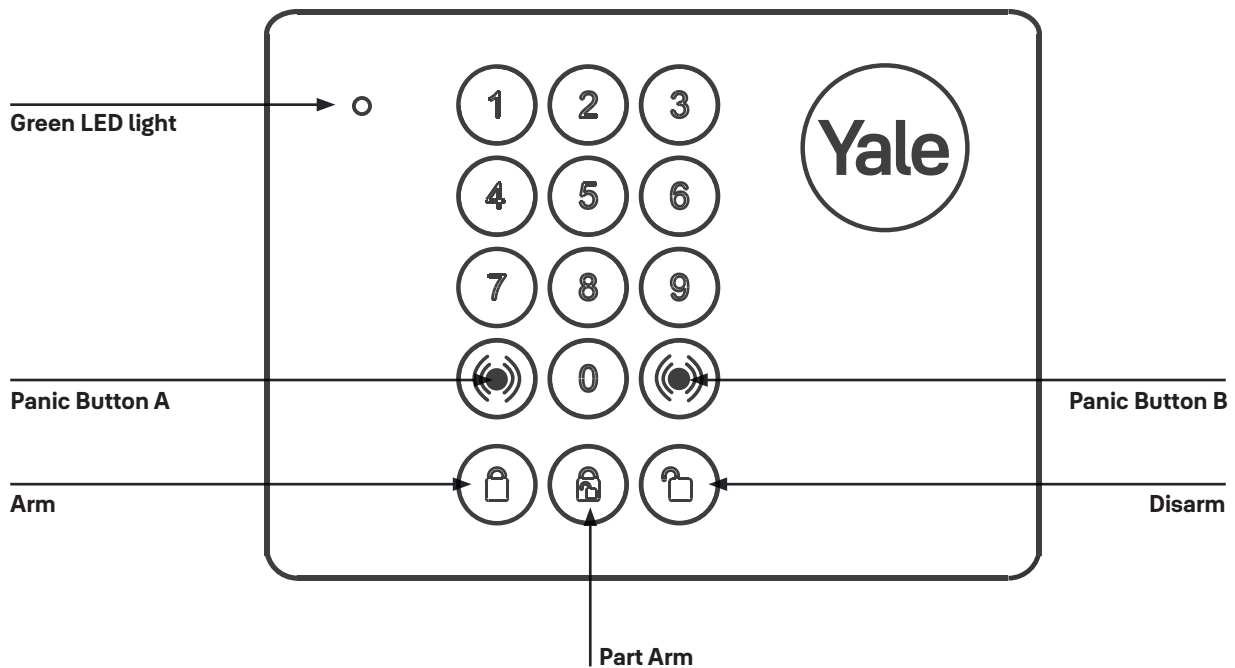


Once battery saver tab has been removed and battery cover replaced, the Siren can be powered on.



2. Overview of Alarm Components - The Keypad

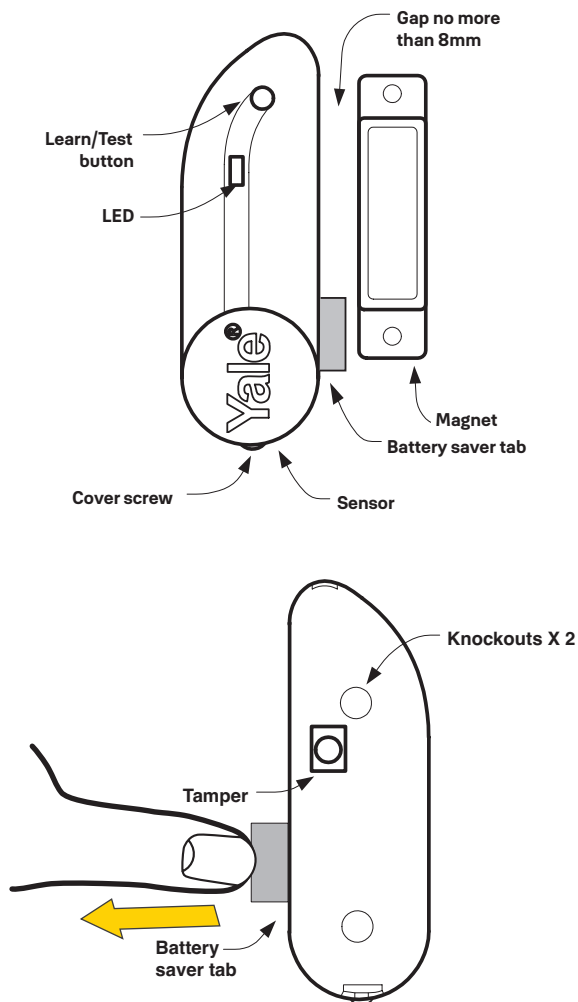
- ① Remove battery saver tab to activate batteries by unscrewing the keypad cover by the screw at the bottom of the keypad.



2. Overview of Alarm Components - The Accessories

Door/Window Contact

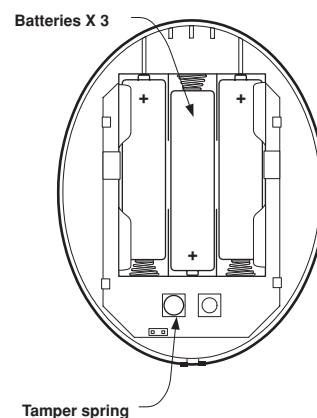
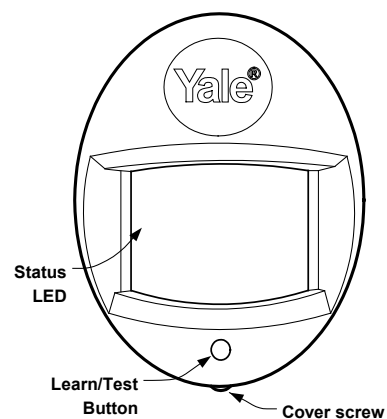
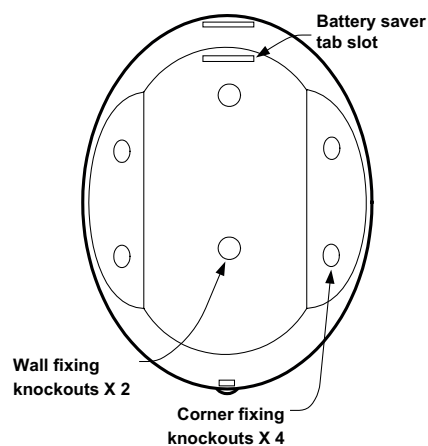
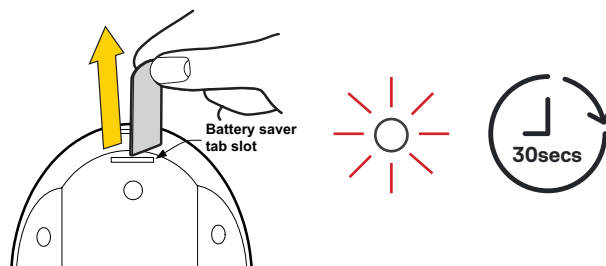
- 1 Remove battery saver tab to activate batteries.



PIR Motion Detector

- 1 Remove battery saver tab to activate batteries. A red light will flash to indicate PIR has been initialised.

(A red light can be seen flashing through the lens. This will last for 30 seconds indicating the component's initiation).



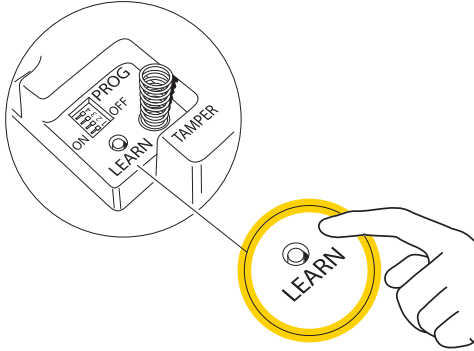
3. Programming the Alarm



Ensure the Siren is powered on and that Dip Switch 1 is set to the OFF position.

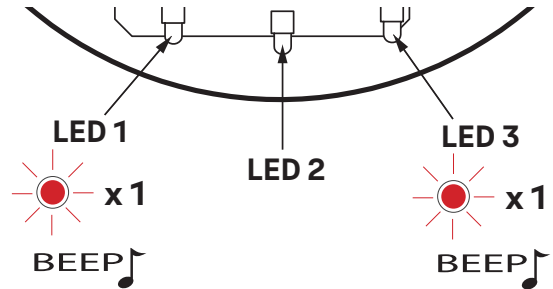
① Entering Learn mode:

Press and hold Siren learn button for 1 second.
(A short beep will follow with the LED's 1 & 3 flashing once).



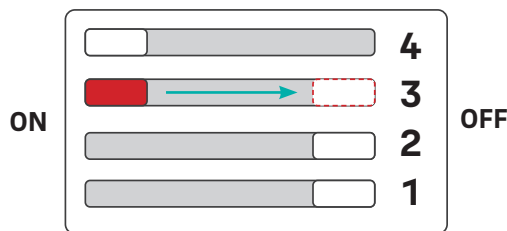
System is now in learning mode for 3 minutes.

If device learning takes more than 3 minutes and the learn mode expires, the Siren learn button will need to be pressed again to add more devices.



② The PIR & Door/Window Contact can be set to fully armed or part armed mode.

This is completed using Dip Switch 3 in the Siren.



When learning in your devices:

- For fully armed mode, dip switch 3 should be turned on, this is the default setting out of the box.
- For part arm mode (home omit), dip switch 3 should be turned off. This feature should be used to set the Alarm for only part of the property whilst at home (for example at bed time).

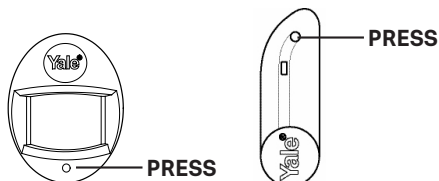
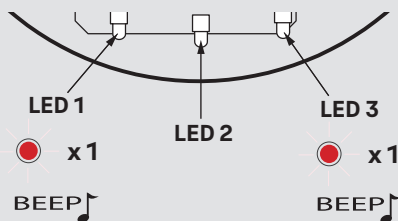
As you are learning in - please use the notes page to keep track of which devices you have set to full or part arm, to avoid issues when mounting.

③ Adding accessories:



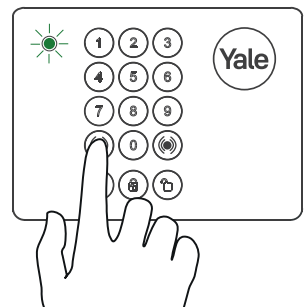
When any device is learnt-in, the Siren will beep once and the LED's 1 & 3 will flash once in acknowledgement.

Remember to press any buttons and keys firmly for 1 second to send a learn-in radio signal.



Adding Keypad:

(All keys should be pressed in quick succession).



1 Press Panic button A and enter PIN code (please note that the default PIN code is 0000).
(When the LED on the Keypad flashes, it is in setting mode).

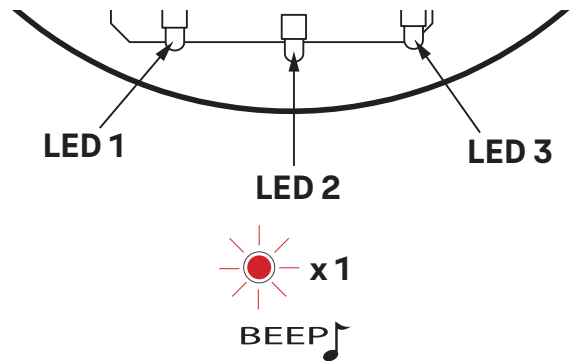
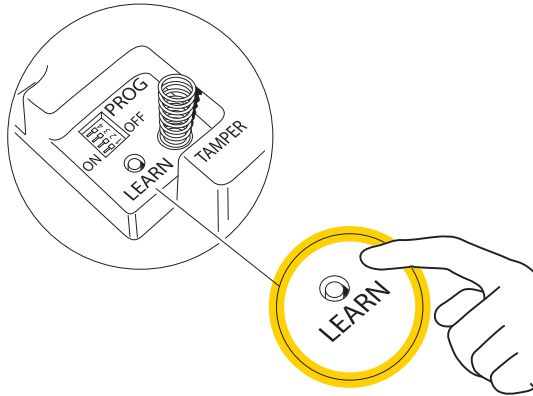
2 Press Panic button A and enter 8.
(The Keypad LED will flash twice quickly to indicate it is communicating with the Siren).

3 Press Panic button A then 1 to send learn-in signal, then press disarm twice to quit.
(The Keypad LED will now stop flashing. If not, press "disarm" twice again).

3. Programming the Alarm

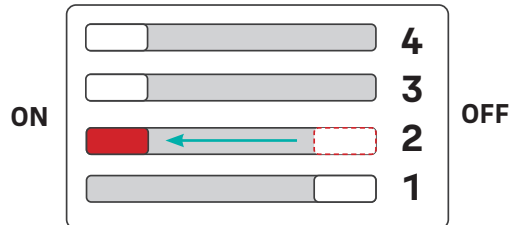
④ Exiting Learn mode:

Press the Siren Learn button to exit the learn mode
(The LED 2 will flash once with a single beep to indicate that normal Siren operation has been resumed).



⑤ Enable/disable interference detection:

Set Dip switch 2 to the ON position for interference detection.



i This unit is equipped with the latest type of radio receiver using AM radio technology. If the system is armed any criminal attempt to interfere with detector 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.

Programming is now finished and the system is ready to be installed.

4. Mounting Alarm Devices



Before mounting the Keypad and Siren ensure that the system tamper is disabled as described below.

① Disabling the system tamper

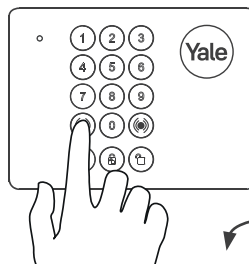


Before mounting it is important to disable the system tamper to avoid the Siren sounding an alarm.

Using the Keypad:

Press Panic button A and enter PIN code (factory default is 0000) to enter test mode, press Panic button A then 2 to send "Tamper Off" signal.

(The Siren will beep in acknowledgement).



ENTER ****

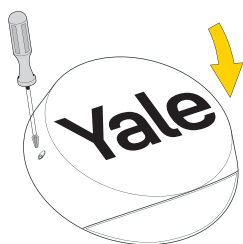
Press  **2** **Press 2 for 'Tamper Off'**



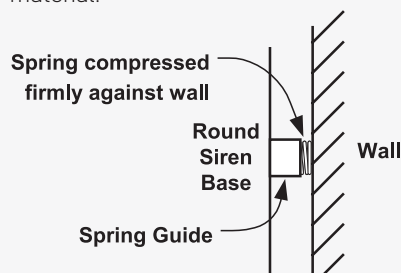
The tamper function is now disabled for one hour. If more time is required, simply repeat the above step.

② Mounting the Siren

- 1 Ensure the Siren is powered off.
- 2 Mark the location of the drill holes using the holes on the base plate of the siren where the fixing screws will be placed as a guide.
- 3 Using the screws and wall plugs provided, mount on the desired wall through the 4 mounting holes on the Siren base.
- 4 Power on the siren again.
- 5 Fix the Siren cover with the securing screw.

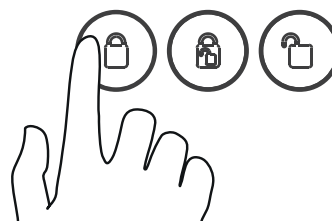


Ensure the tamper spring is fully depressing the tamper switch when the siren is mounted. If there is a gap, pack with a suitable spacing material.



Testing whether the Siren is fitted correctly:

- 1 Press Arm with the Keypad.



- 2 If there are 5 short beeps when armed, the tamper switch is NOT fully depressed and will need to be adjusted.

5 x BEEP 

- 3 If there is one short beep and flash when armed, the Siren is mounted correctly and the siren installation is complete. Disarm the system and disable the tamper as described above.

1 x BEEP 



Before you make the adjustment:

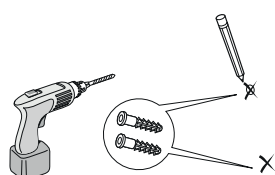
- **Disarm your system** using your Keypad (Press disarm followed by the PIN code).
- **Disable the system tamper** as described above and power off the Siren.
- If there is a gap between the wall and the tamper switch mechanism check if packing is positioned correctly.
- Once finished, power on the Siren again and repeat the steps 1 and 2 for testing whether the Siren is fitted correctly.

4. Mounting Alarm Devices

③ Mounting other devices

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

If mounting the Keypad:



1 Drill holes into the wall using the fixing slots as a template.

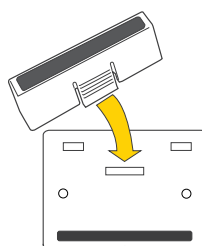
2 Fit wall plugs into the wall and fix the back of alarm Keypad with the screws provided.

3 Ensure back of Keypad is secure & reattach the front of the Keypad.

4 Ensure Keypad is firmly attached.

If not mounting the Keypad:

Attach the bracket included with the kit (as shown).



i Before proceeding to mount a device physically, it is useful to check that it is not out of radio range by doing a simple range test. Please ensure the system tamper is disabled.

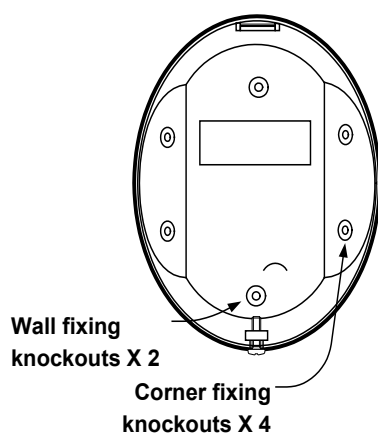
- **Keypad:** Hold the Keypad in the desired location and arm and disarm the system. *(The siren will beep as confirmation).*

- **All other devices:** Hold the device in the desired location and press the learn 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 until reliable radio contact is obtained.

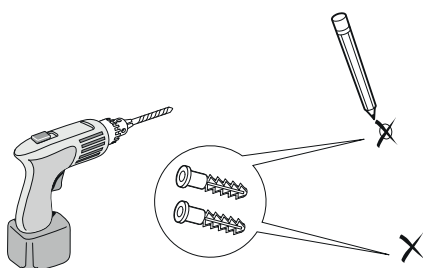
④ Mounting the PIR Motion Detector

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.

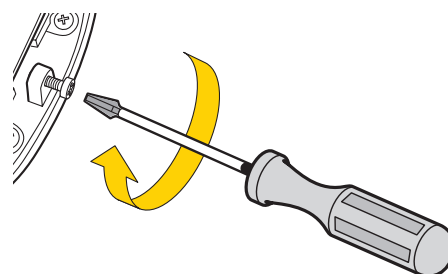


2 Drill holes into the wall using the knockout holes on the base as a template.

3 Fit wall plugs and secure the PIR base with the screws provided.



4 Fit the PIR back together and tighten bottom screw, the PIR installation is complete.



i The PIRs have a delay function programmed to save battery power. After arming the alarm, they will sleep for 1 minute and then go into 'ready to signal' mode.

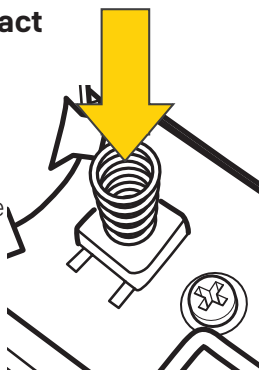
If movement is detected, the siren will sound. The PIRs will sleep again for one minute after reporting an intruder to avoid battery drain.

Any movement detected in the sleep time will not be reported and will extend the sleep time by a further one minute.

4. Mounting Alarm Devices

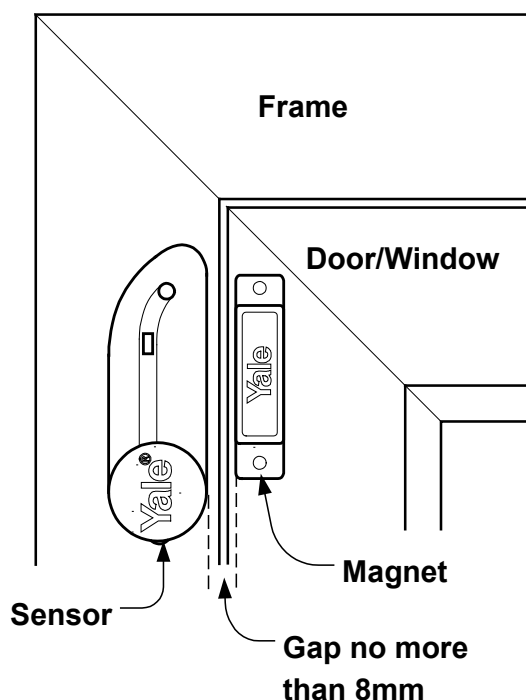
5 Positioning the Door/Window Contact

- 1 Find a location where the Door/Window Contact is to be mounted. It should be mounted between the door and frame or window and frame as shown. The magnet is to go on the door/window while the sensor is to be placed on the frame. Windows can be protected in a similar way to doors. Make sure the tamper switch spring is fully depressed.



i The gap between the magnet and sensor should be a maximum of 8mm closed.

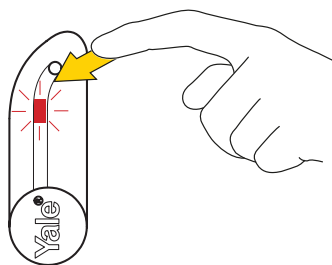
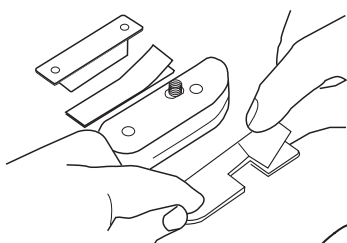
Simple test to see whether the magnet is in range of the sensor: hold the magnet and sensor in place and then pull them apart. If the sensor LED lights up it implies the two items are within range.



6 Mounting the Door/Window Contact

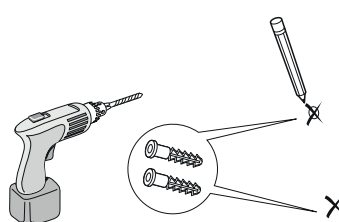
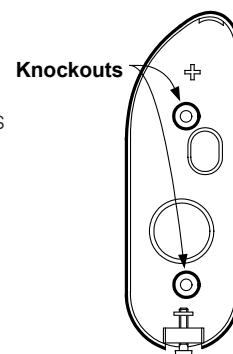
a) Using adhesive pads

- 1 Clean the mounting surface.
- 2 Remove the protective film from one side of the adhesive pad and apply to the back of the sensor and magnet.
- 3 Remove the remaining protective film and firmly press into place.
- 4 Test sensor by pressing the Learn button and opening and closing the door/window. The LED on the Door/Window Contact Sensor should light when the door/window is opened. Installation is complete.



b) Using screws and wall plugs

- 1 Loosen the bottom screw and open the Door/Window Contact.
- 2 Knock out the holes on the base as shown.
- 3 Drill holes into the mounting surface using the holes in the knockouts on the base as template.
- 4 Fit wall plugs (if required) and secure with the screws provided.



- 5 Fit sensor back together and tighten screw.

- 6 Test sensor by pressing the learn button and opening and closing the door/window.

The LED on the Door/Window Contact Sensor should light when the door/window is opened. Installation is complete.

5. Using the system

① Setting a unique PIN code

1 On your Keypad press Panic Button A, followed by the current PIN code (factory default code is 0000).

(The LED will now flash continuously).

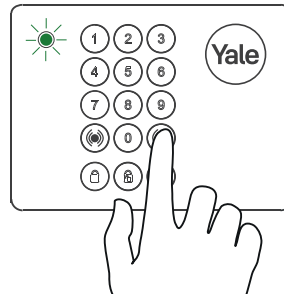
2 Press panic button B.

3 Enter new 4-digit PIN code.

4 Press Arm button to confirm.

5 Press disarm twice to quit PIN setting mode.

(The Keypad LED will now stop flashing).



→ **ENTER ******

Press



Press



- Check if you have been successful in changing your PIN by trying to arm your alarm. If this does not work, repeat the steps above in quick succession.

- The Keypad will lock out for one minute after four failed attempts to enter the PIN code.

② Arming the system

Press the arm button on the Keypad.

(The Siren will beep and flash once. There will be no audible countdown).

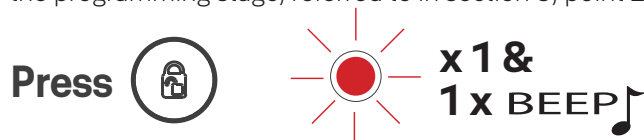


Once the system is armed, you will have 20 seconds to exit the property. During this time all sensors will be ignored.



③ Part-arming the system

For setting the Alarm whilst at home (for example at bed time) please use the Part Arm function, to enable those accessories which were LEARNED in for this feature during the programming stage, referred to in section 3, point 2.



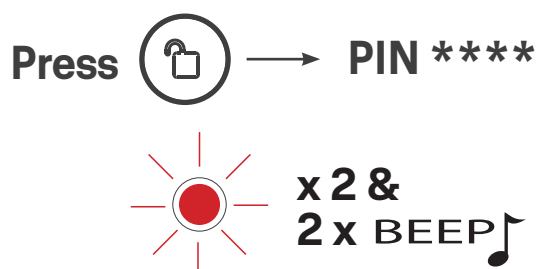
Once the system has been part armed you will have 20 seconds to vacate the armed area of the property.



④ Disarming the system

Press disarm followed by your PIN code.

(The siren will beep and flash twice).



- If the system is armed, there is a 20 second entry period enabling you to disarm.
- This starts when the first sensor is activated (e.g. main door contact).
- The Siren will beep once upon detection of this sensor and during this time all other sensors will be ignored.
- If the system is not disarmed before the entry period expires, the alarm will be activated & the Siren will sound.
- The system does not have an audible countdown during the entry period.

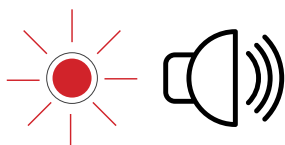


Entry Period

5. Using the system

④ 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 follows:



⑤ Silencing the Siren

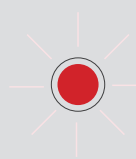
Keypad: Press disarm followed by your PIN code.

Press  → **PIN ******

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



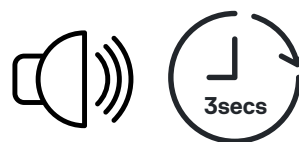
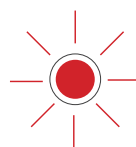
If there is a persistent Siren tamper fault then a series of 5 beeps and flashes will be given when the system is armed, then the Siren should be checked for any mounting problems and if the Siren lid is secure.



x 5 & 5 x BEEP 

⑥ Previous alarm warning

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



⑦ Alarm Function Modes

Entering setting mode:

Using the Keypad, press Panic button A followed by PIN code (factory default is 0000). You can now select different functions. (The LED on the Keypad will start flashing).

Function setting:

Press Panic button A, followed by one of the following number key:

- 1 **Send learning/testing signal**
- 2 **Disable Siren tamper**
- 3 **Enable Siren tamper**
- 4 **Enter learn mode** (not suitable for first time set-up)
- 5 **Exit learn mode**

Press



ENTER ****

Exiting setting mode:

Press disarm twice.

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

Press



x2

6. Adding Accessories

To provide additional protection you can add extra Door/Window Contacts, PIRs, Keypads, Remote Key Fobs & Panic Buttons. These are available from local stockists or www.yalehome.co.uk

① Adding devices to an already installed system

The installed system will be controlled by a Keypad.

Keypad

1 Enter Setting mode: Press Panic button A followed by the PIN code.

(Indicated by a continuously flashing LED).

Press  ENTER **** 

2 Switch OFF system tamper: Press Panic button A followed by 2.

(The Siren will beep in response).

Press  ENTER 2 

3 Enter learn mode: Press Panic button A followed by 4.

(The Siren will beep and flash in response).

Press  ENTER 4 

4 Learning: Press device learn/test buttons (see section 3, step 3) to trigger 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.

Press  ENTER 5

6 Switch ON system tamper: Press Panic button A and 3 to rearm tamper protection.

Press  ENTER 3

7 Exit Setting mode: Press Disarm twice to exit.

(The Keypad LED will now stop flashing).

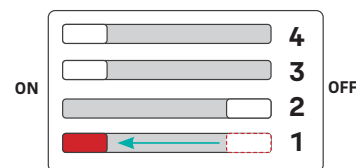
Press  x 2

Factory Reset

To remove an accessory, it is necessary to clear the memory of the Siren. To do this, a factory reset needs to be performed as follows.

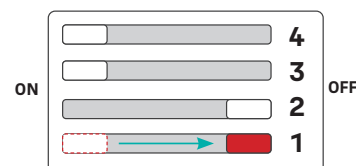
1 Whilst Siren is powered ON.

2 Move Dip Switch 1 to the ON position.



3 Wait for 30 seconds.

4 Move Dip Switch 1 back to the OFF position.



i After performing a factory reset ALL accessories will be removed and it will be necessary to reprogram the Siren and LEARN in all required accessories.

7. Changing the batteries

Always use alkaline batteries or the correct type of coin cells 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.

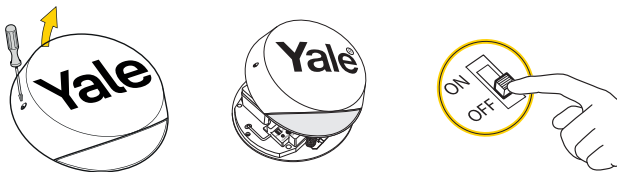
① Siren



- 1 Switch off tamper protection as described in section 4.
The batteries are changed as follows:

Press ENTER **** ②

- 2 Remove the Siren cover and switch off the Siren power.

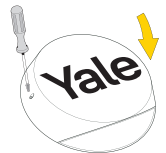


- 3 Unscrew the battery compartment lid and remove.
- 4 Remove the batteries and replace them with four fresh alkaline "D" batteries.

- 5 Switch on Siren power and check that the Siren beeps and flashes.



After the batteries have been changed the tamper will become active again, either be very careful when fitting the siren cover or switch off the tamper protection again.



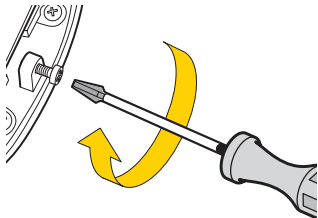
- 6 Replace battery compartment lid and reattach Siren cover.
- 7 Switch tamper protection back on, if this was disabled whilst reattaching the Siren cover.

Press ENTER **** ③

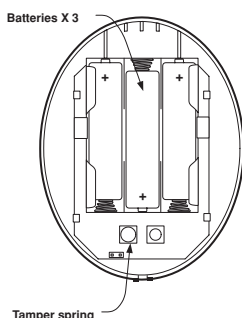
Siren case tamper conditions are also signalled by a series of beeps when the system is armed, but not when the system is disarmed (low battery warning produces a series of beeps when armed and disarmed), take care not to confuse the two different conditions.

② PIR Motion Detector

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

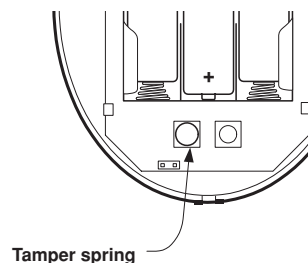


- 1 Switch off tamper protection as described in section 4.
- 2 Loosen the case screw and remove PIR sensor from base to reveal three AAA batteries.



- 3 Insert new alkaline batteries observing correct polarity.
- 4 Refit sensor on base and tighten bottom case screw. Switch tamper protection back on, as described in section 4.

PIR case tamper conditions are also indicated by a flashing LED, check the tamper before changing the batteries.



7. Changing the batteries

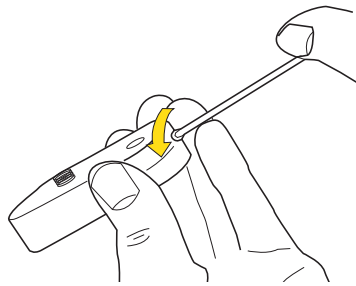
③ Door/Window Contact

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

1 Switch off tamper protection as described in section 4.

Press  **ENTER ****** 

2 Loosen the case screw and remove Door/Window Contact from base to reveal battery.

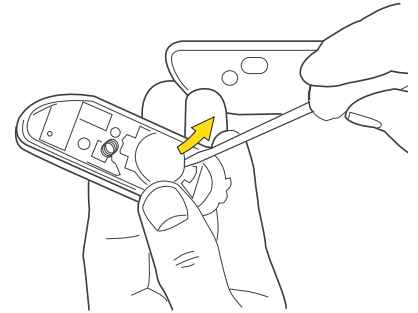


3 Using a screwdriver gently lever out the old battery.

4 Insert new CR2032 coin cell battery with the + side uppermost.

5 Insert battery under the two tabs with finger and thumb until a click is heard.

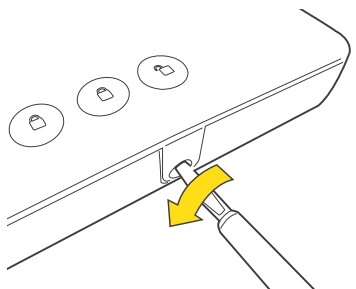
6 Refit contact on base and tighten bottom case screw. Switch tamper protection back on.



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

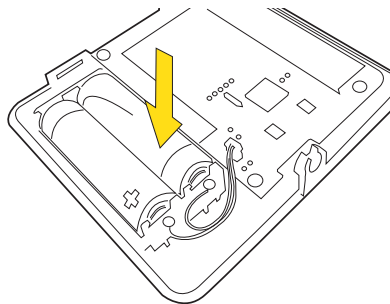
④ Keypad

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


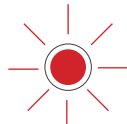




1 Unscrew the Keypad cover by the screw at the bottom of the Keypad.

2 Remove batteries & replace with 2 x AA batteries, ensuring the correct polarity.



3 Press the arm key to ensure the alarm arms, then disarm before Siren sounds.

Press   **x 1 & 1x BEEP** 

Press  → **PIN ******

4 If the Keypad completes this operation, the battery change was successful and the front panel can be screwed back into position.



Take care of your safety

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



Please use the correct batteries as provided.

CR2032



Remove batteries before storage of device



Immediately seek medical advice if swallowed



Do not swallow



Do not dispose in fire



Do not mix used and new batteries



Do not mix different types of brands



Do not disassemble



Do not recharge



Check for correct polarity (+/-)



Keep away from children



Battery can explode or leak if shorted

Notes

My PIN code:

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

My PIN code:

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

Notes

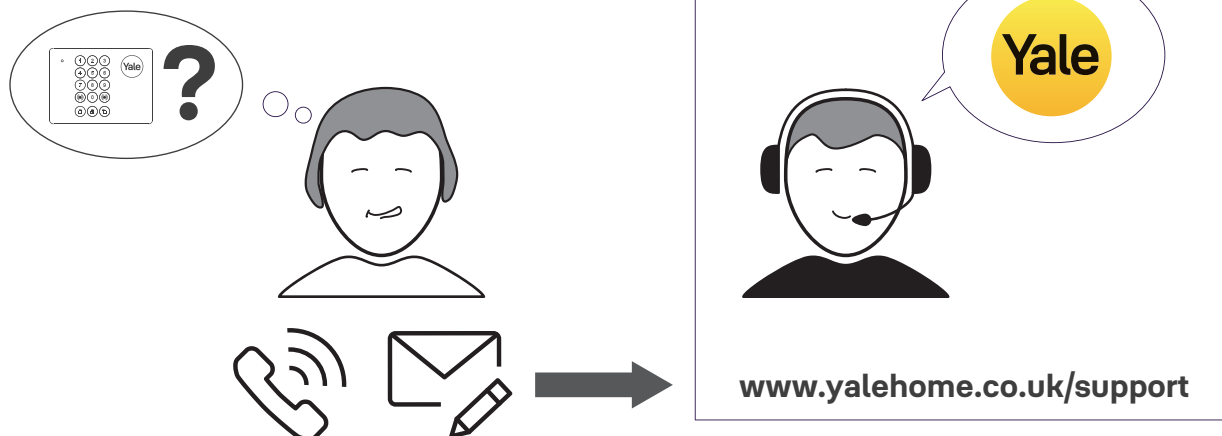


Support

For further help & advice on how to set up your device please scan the QR code below, which will take you to the relevant Product Support Page, or please visit **www.yalehome.co.uk/support**



Alternatively, you can contact our Customer Support Team directly.
For more details, visit the website below.



www.yalehome.co.uk

 www.yalehome.co.uk/guarantee



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