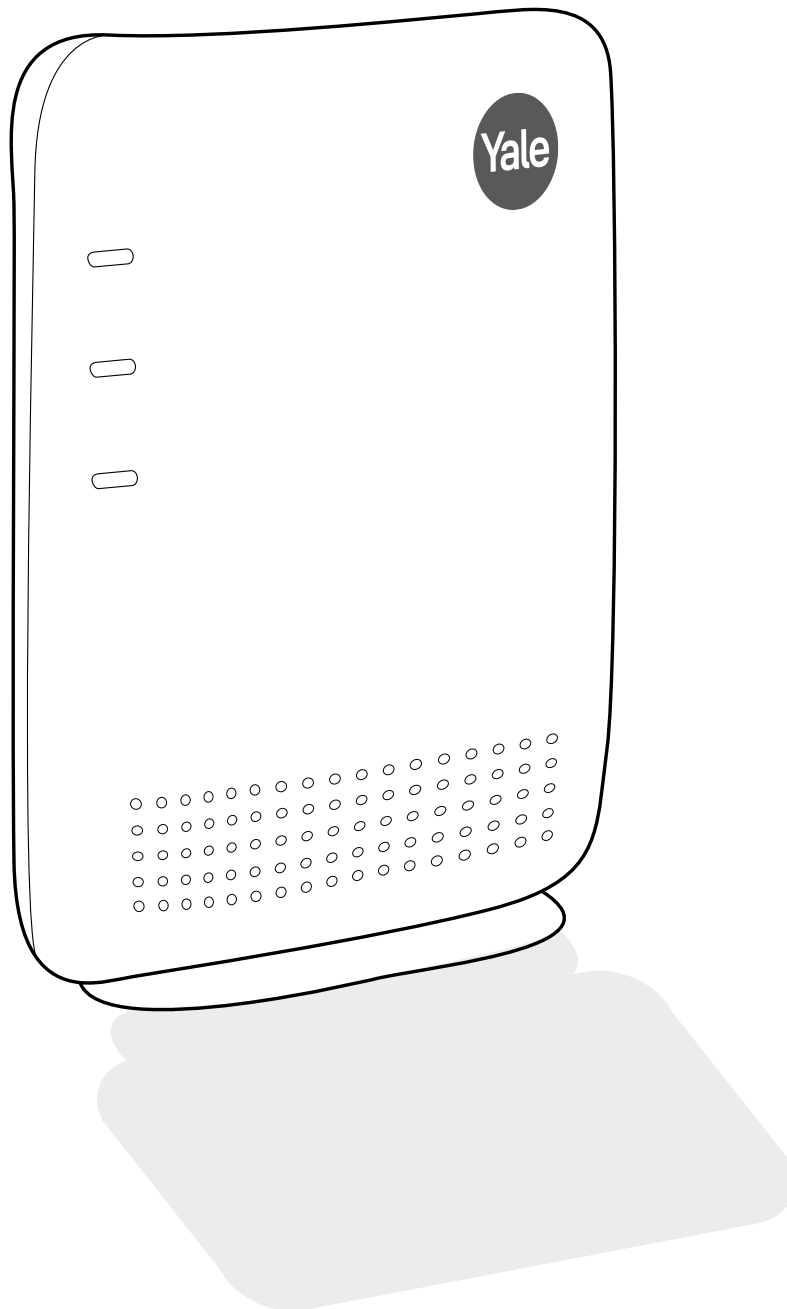




Yale Smart Home Alarm Manual

MZ-1 . MZ-8



Device Images may differ per region.

Part of ASSA ABLOY

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For more information on this product and Yale Secure Connect Range visit

www.yalelock.com.au

Consumer Support:

customerservice.au@assaabloy.com



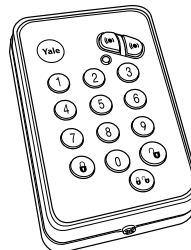
The 2 year guarantee for this product is active from the date of purchase (A copy of this guarantee is available on our website).

Location Planning

Plan device locations and check devices range before mounting.

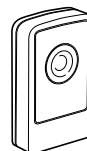
30m Operating Range

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



Key Pad

- The Key Pad should be accessible from a protected entry/exit point
- Ensure that the Key Pad is not visible from the outside of the premises.



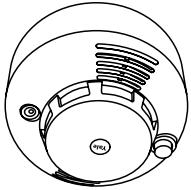
Panic Button

The Panic Button can activate your alarm immediately - even when the system is disarmed.

- Keep out of reach of children
- Keep hidden from view, but easily accessible.

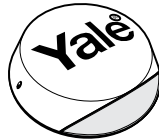
Information and illustrations are subject to change within this document. Yale reserves the right to alter the specification and product design at anytime without notice. Yale® is a registered trademark. © 2019 ASSA ABLOY. All rights reserved.

Smoke Detector



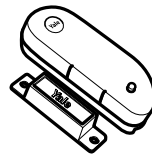
Mount on a ceiling in main access areas e.g. hallways, top of stairs.

Note: The Yale smoke detector is to be used for alarm notification only, it is not to be used as the primary smoke detector on the premises.



External Siren

Mount as high as possible, out of easy reach.



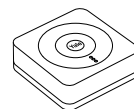
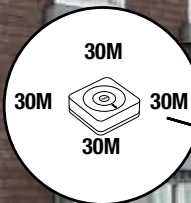
Door/Window Contact

- Mount as high as possible on the door or window frame.



Key Fob

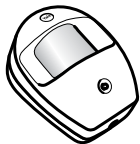
- Use inside or outside within a 30m range



Smart Hub

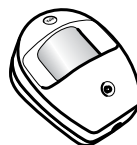
- Ensure the Smart Hub is hidden from view.
- Access to a mains socket and broadband internet router is required.

30M



PIR Motion Detector

- Mount 1.8m - 2.1m above floor level
- Location in a corner will ensure wider room coverage
- Do not mount the PIR where its field of view will be obstructed
- Do not point directly at sources of heat e.g. fires or boilers, and do not position directly above radiators
- Avoid mounting the PIR directly facing a window
- Do not point the PIR at a door protected by a Door/Window Contact



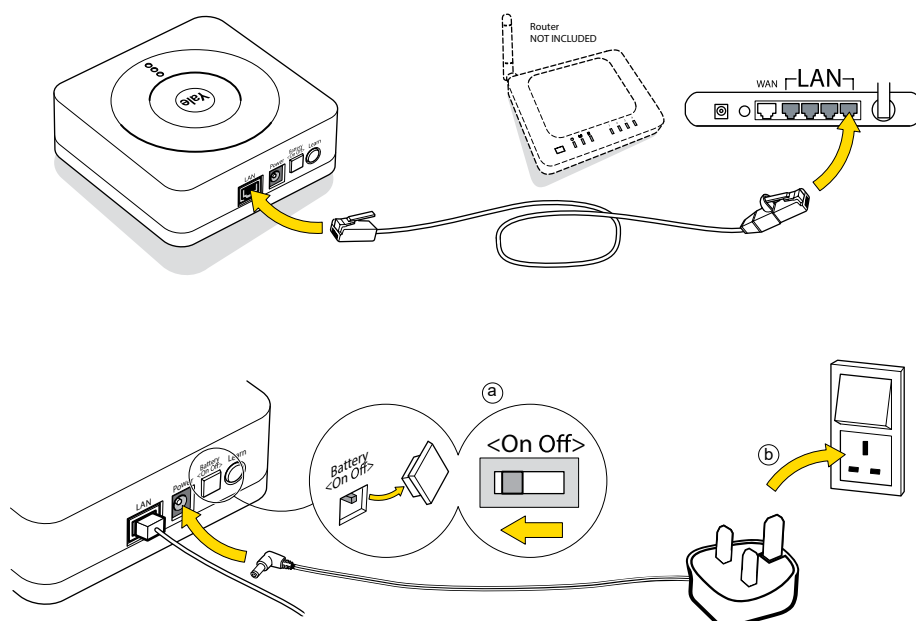
Pet PIR Motion Detector

- Suitable for homes with pets up to 25kg
- For rooms where pets are active and may climb on furniture, protect the area with a Door/Window contact instead to prevent false alarms.

Unpacking the devices

Smart Hub

1. Plug in the power adaptor and connect the Smart Hub to your internet router using the cable provided.



Alarm Hub Status

Top LED 1 (Panel Status)

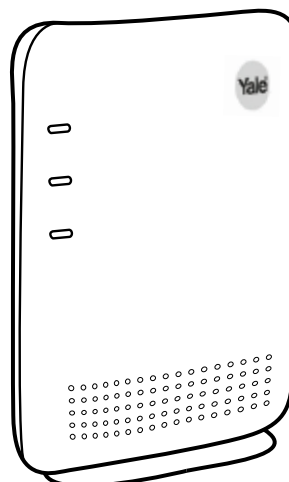
- Red** ON: System Arm
FLASH: Home Arm
- Green** ON: Disarm
FLASH: Learn mode
OFF: Walk test mode

Middle LED 2 (Alarm & Fault Status)

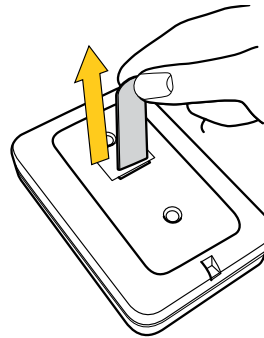
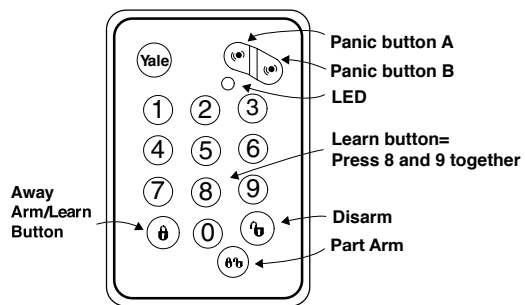
- Red** ON: Alarm been triggered
FLASH: Ongoing alarm event
- Yellow** ON: Device fault (Tamper/Low battery)
FLASH: Mains power failed
OFF: Normal

Bottom LED 3 (Operation Status)

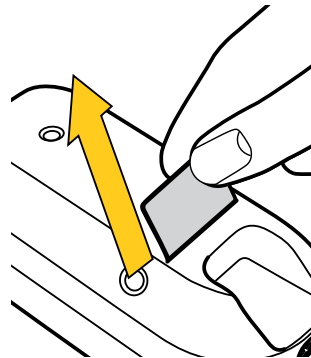
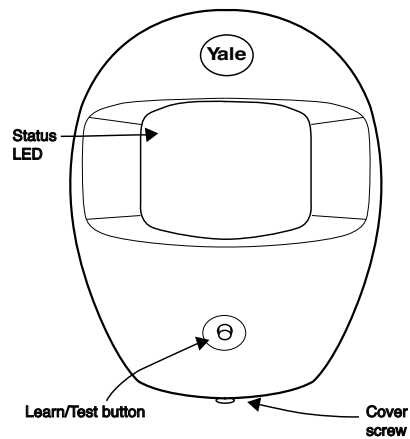
- Yellow** ON: Network problem.
FLASH: Disconnected from Yale server
- Green** ON: Normal



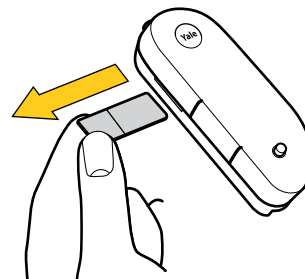
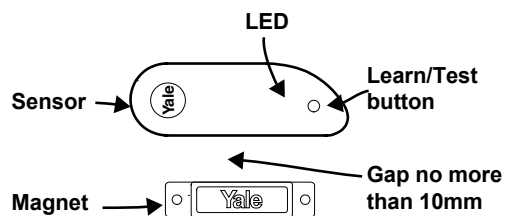
Key Pad



PIR



Door/Window Contact



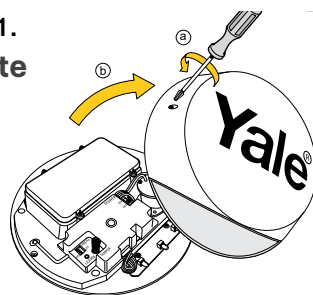
Unpacking the devices

External Siren

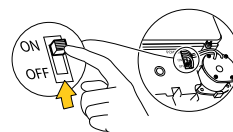
WARNING

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

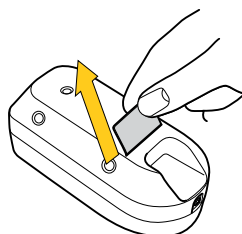
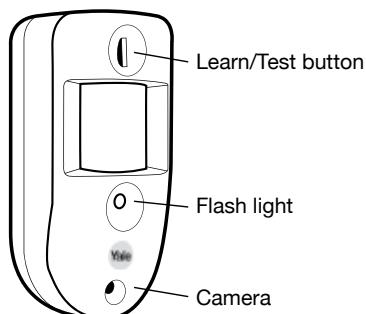
1.



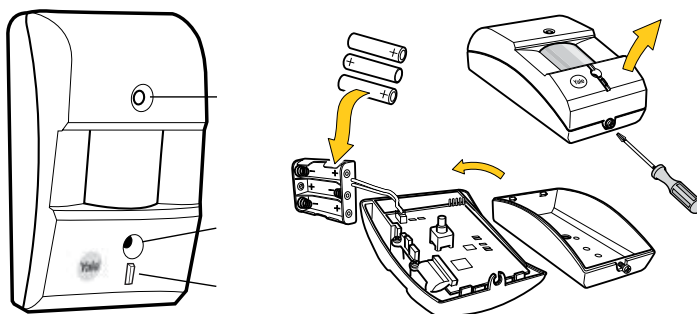
2.



PIR Image Camera

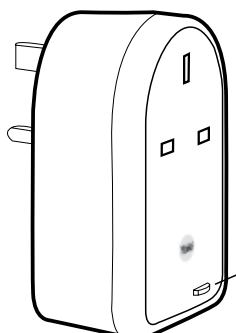


PIR Video Camera



Power Switch

Plug in to mains socket.

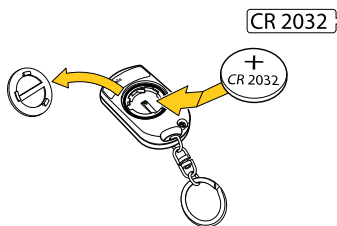


Key Fob

1.



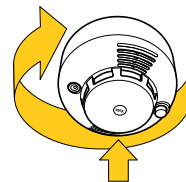
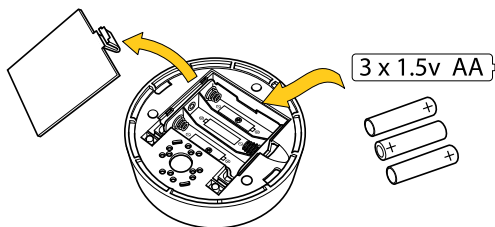
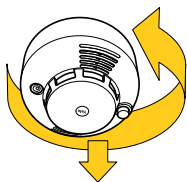
2.



3.

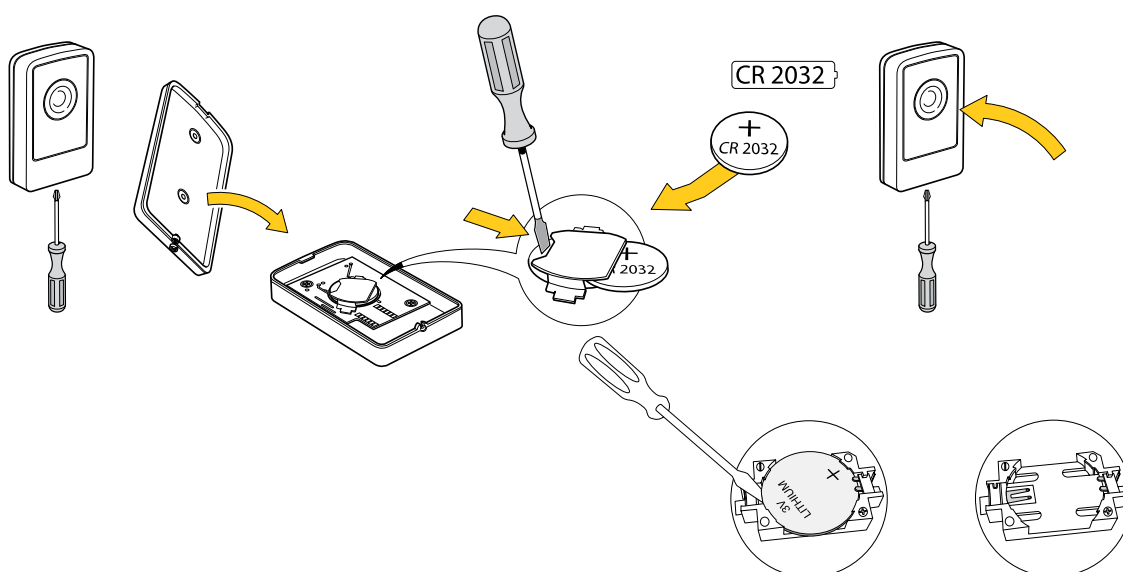


Smoke Detector



Note: The Yale smoke detector is to be used for alarm notification only, it is not to be used as the primary smoke detector on the premises.

Panic Button



Download the app

Please ensure all devices are powered and operational at this point.

Download the Yale Smart Living Home App

Internet Connection: Required on

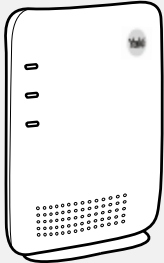
Yale Smart Living Home

Q



First time registration

Follow the set-up instructions in the app.



Please Note:

Panel Serial Number can be found on the Smart Hub sticker.



Please register the hub within one hour of power up, otherwise app 'authentication error' will appear – re-boot the hub (including switching off / on the back-up battery) and start the process again if necessary.

Recording your set-up information

E-mail used to set up system:	
Smart Security Hub serial number	
Phone number used for notifications:	
Key Pad PIN Code for Disarm/Arm (default 1234):	
Key Pad code for key Pad setting (default 0000):	

Setting up devices

Adding new devices (Optional: Use it only if you have extra devices outside the kit)

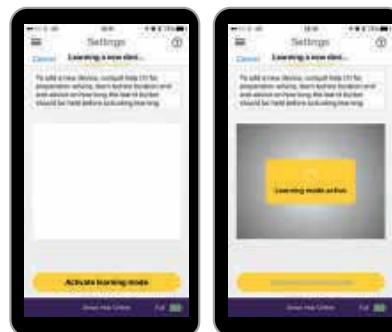
All devices in the kit are linked to the Smart Hub. If you want to add more devices, you can do this by using the "Add new device" section in the Smart Living Home App.



Go to the app menu
Select Add Device, then activate learning mode.

1

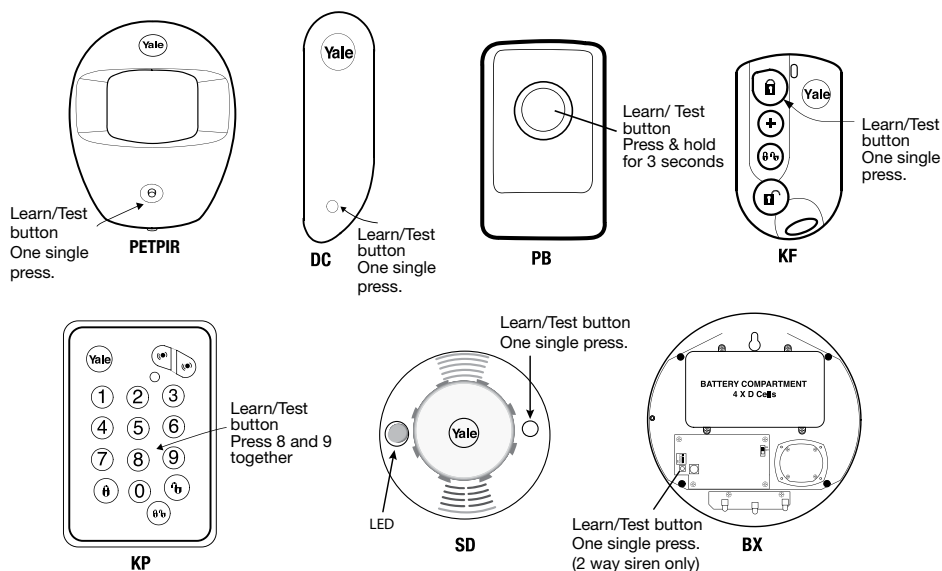
Enter Learn Mode



2

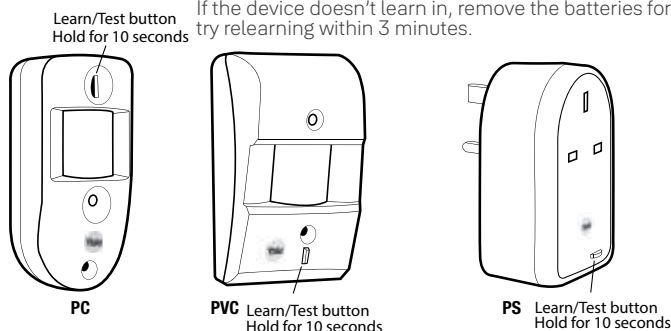
Learn in Devices

Press the learn button on the device you want to add then see diagrams below. The Smart Hub will beep (single or multiple dependent on device) when a new device is registered. You will then see your new device in your device List within the home app.



For the following devices, please hold the Learn button for 10 seconds, before releasing to enter Learn mode.

If the device doesn't learn in, remove the batteries for 5 seconds, then replace and try relearning within 3 minutes.



PVC must be learned in with the tamper screw removed so that the tamper is open. Sensor will not learn with tamper closed.

3

Exit Learn Mode:

Press back arrow on app

Range Test

Check Devices Range

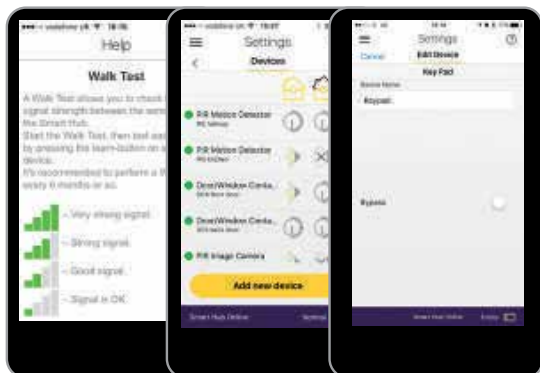
1.) Place each device in the location where you wish to mount them.

Before mounting each device please check the system with a simple range test.

Login to your Yale Home App. Go to app menu, select Settings > Alarm Settings > Tests then press the 'Start Walk Test' button.

Hold the devices in the desired location and press the Test/Learn button on the devices. (see page 11)

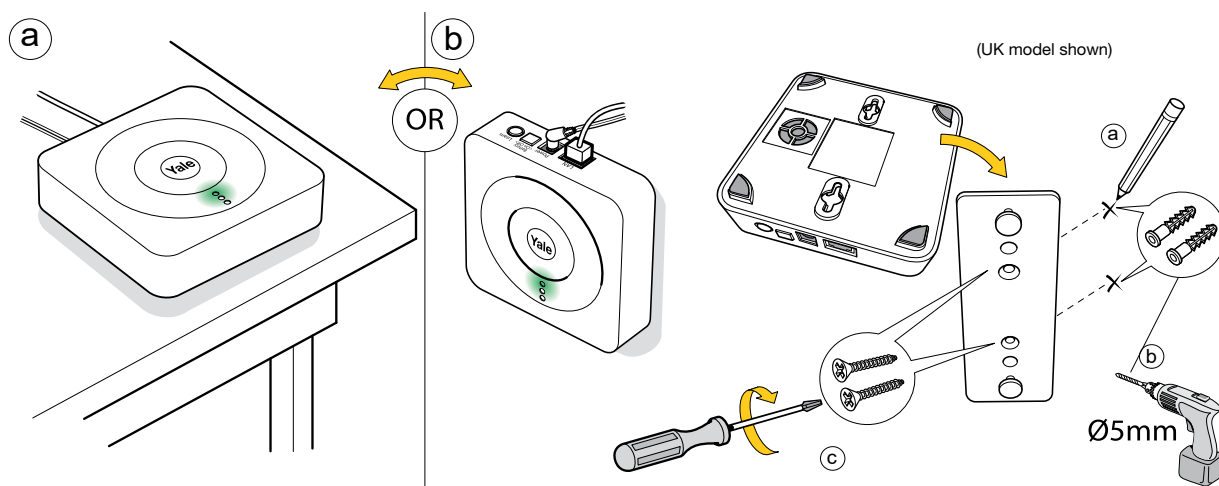
If the sensor signal reached the Smart Hub, it will show in the device list on your app.



When you are happy that all your devices can communicate with the Smart Hub, please proceed to mounting the devices.

Before you mount a device use the device settings in the Smart Living Home App to bypass the device and disable the tamper alert. After the device is fully in place don't forget to disable the bypass.

Smart Hub Mounting

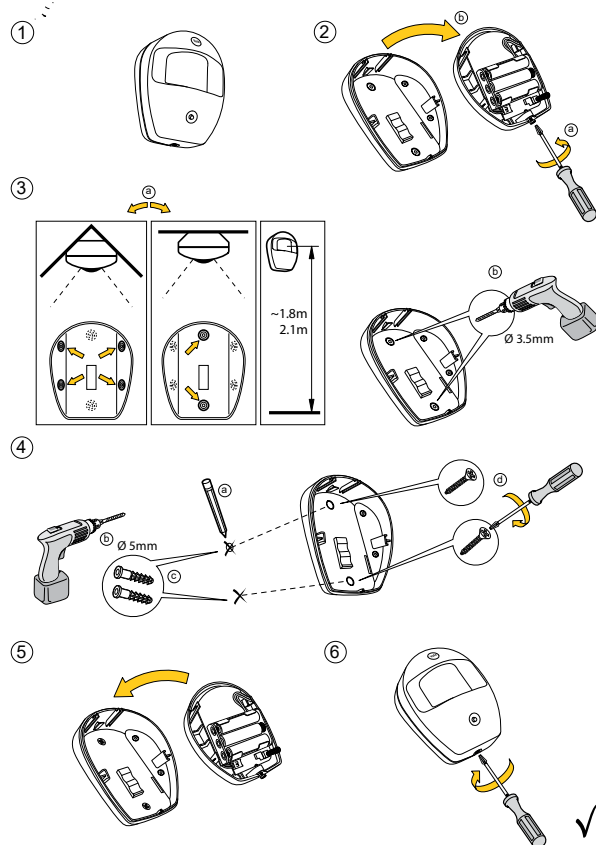


The Smart Hub can be free standing, either vertically or horizontally on a flat surface with access to mains socket and broadband internet router.

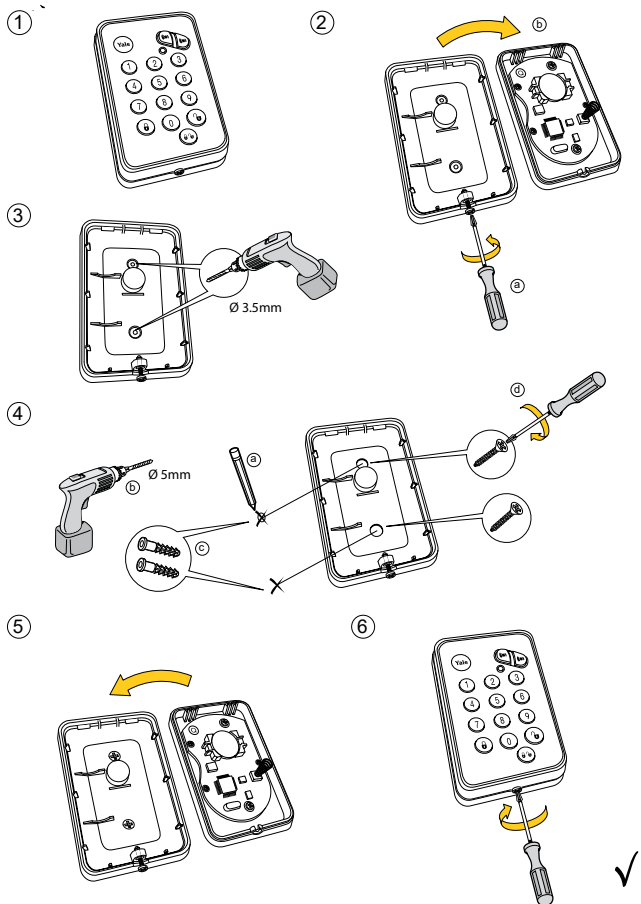
It is also suitable for wall mounting. Using the two holes on the mounting back plate, mark the position of the holes. Drill two holes and fix with the screws and plugs provided. Hook the Smart Hub onto the plate.

Mounting devices

PIR Motion Detector

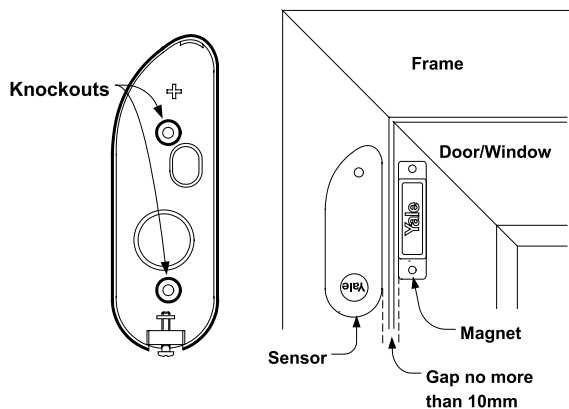


Key Pad



Mounting devices

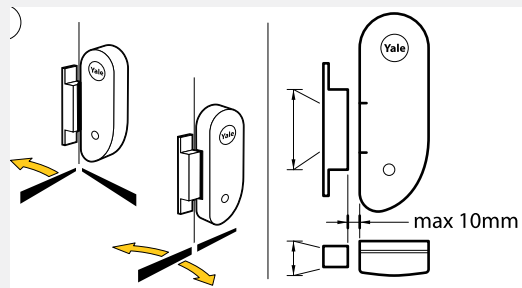
Door/Window Contact



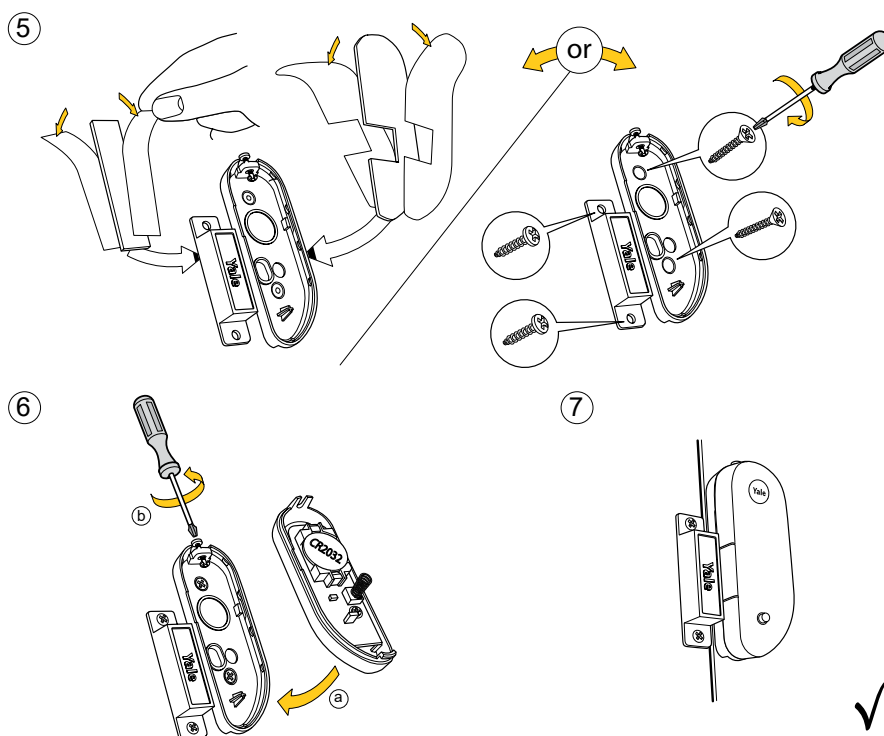
1. The sensor should be on the frame while the magnet should be on the door/window.

i Testing

The gap between the magnet and sensor should be no more than 10mm when closed. Test to see whether the magnet is in range of the sensor: before mounting 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.



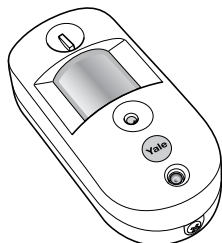
Clean the mounting surface with a suitable degreaser agent and mount using the adhesive pads. Please note that some surfaces may be unsuitable for mounting using the adhesive pads. Please use screw mounting in these cases.



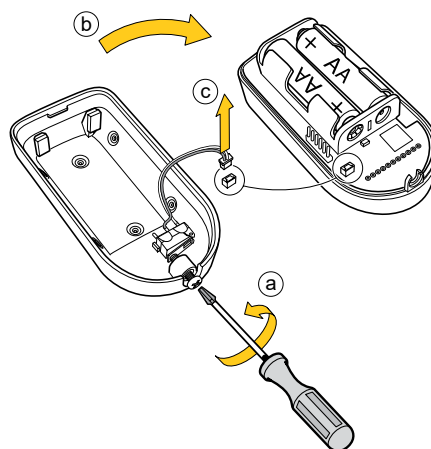
Mounting devices

PIR Camera

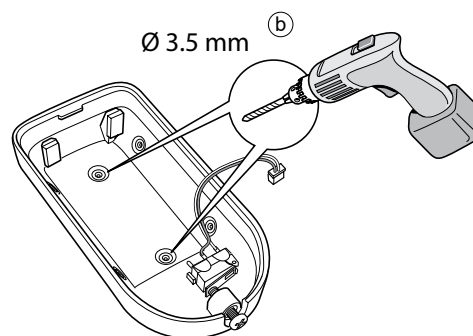
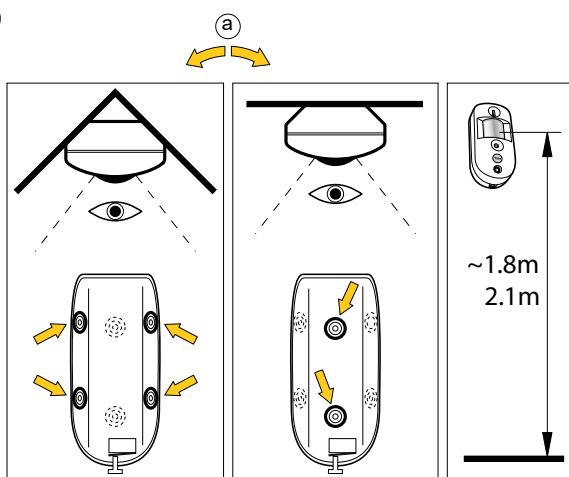
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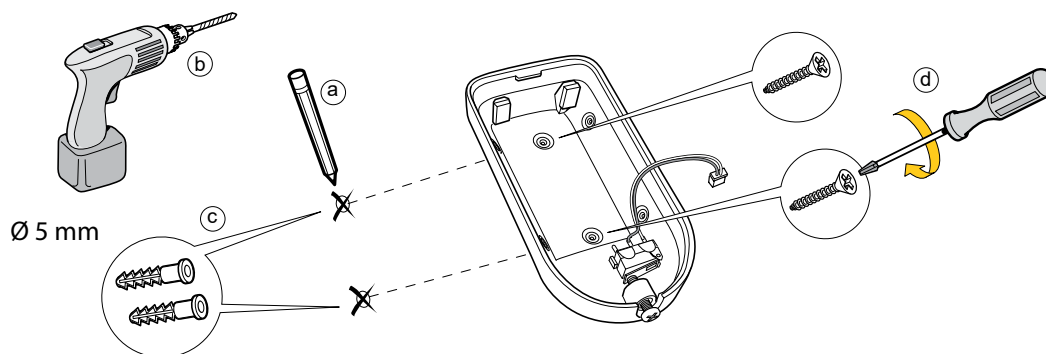
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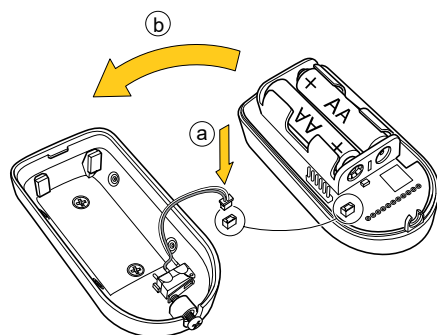
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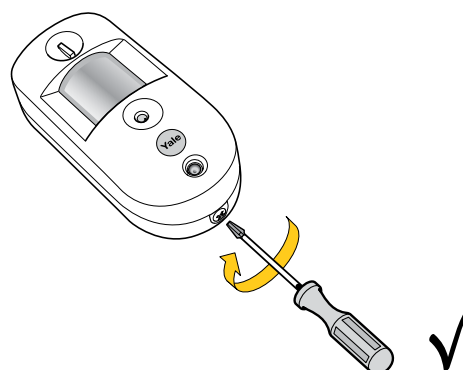
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5



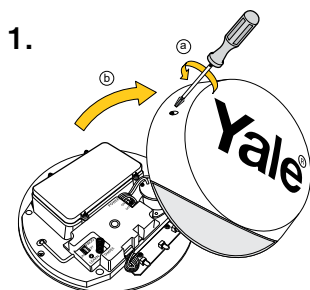
6



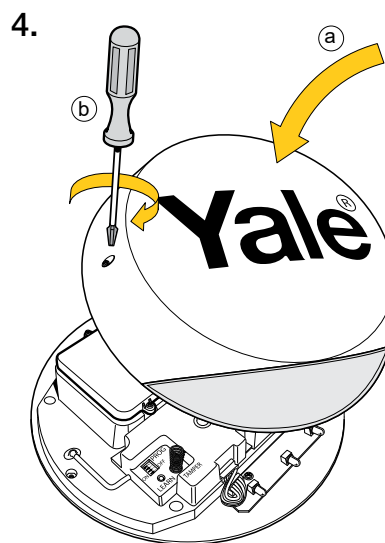
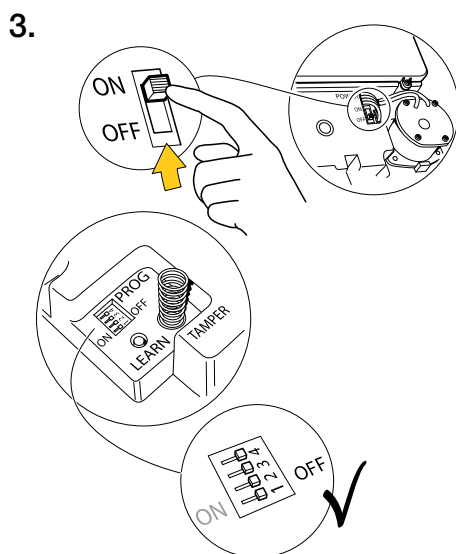
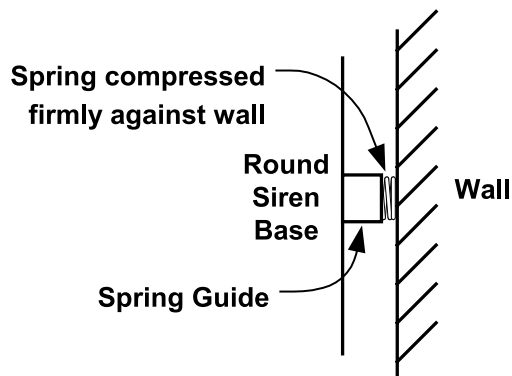
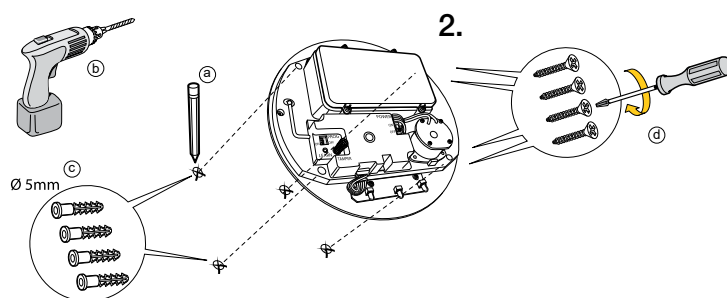
Mounting devices

Mounting the External Siren

The tamper spring is fully compressed when the siren is mounted. If there is a gap, pack with a suitable spacing material.

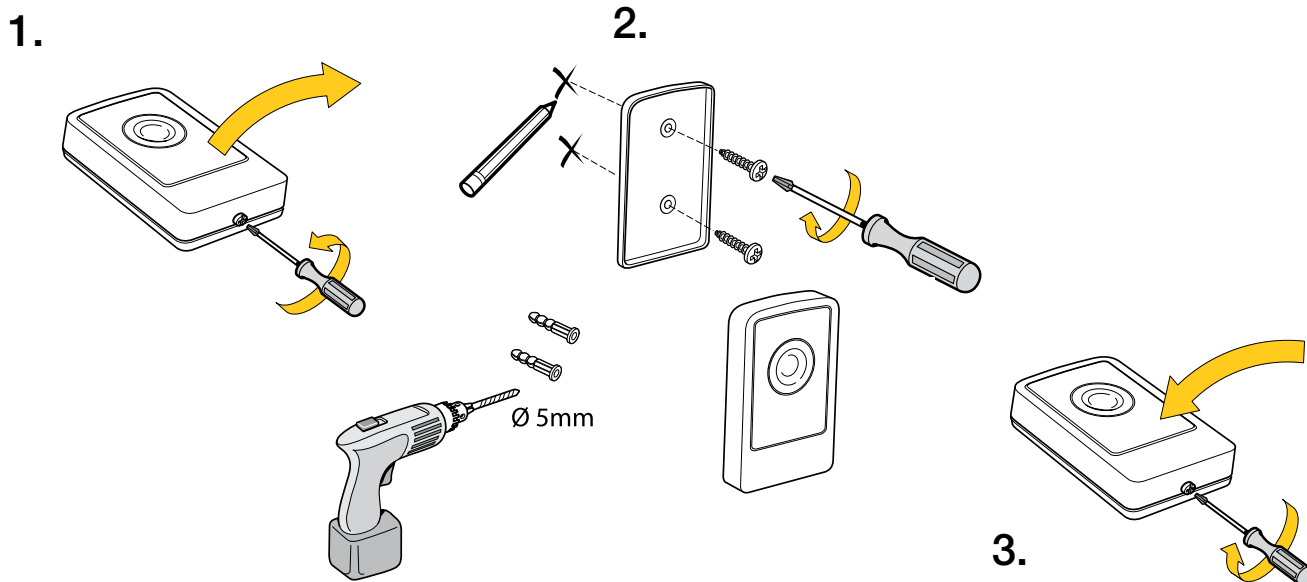


Powering up the siren will automatically disable the siren tamper for a three hour period.

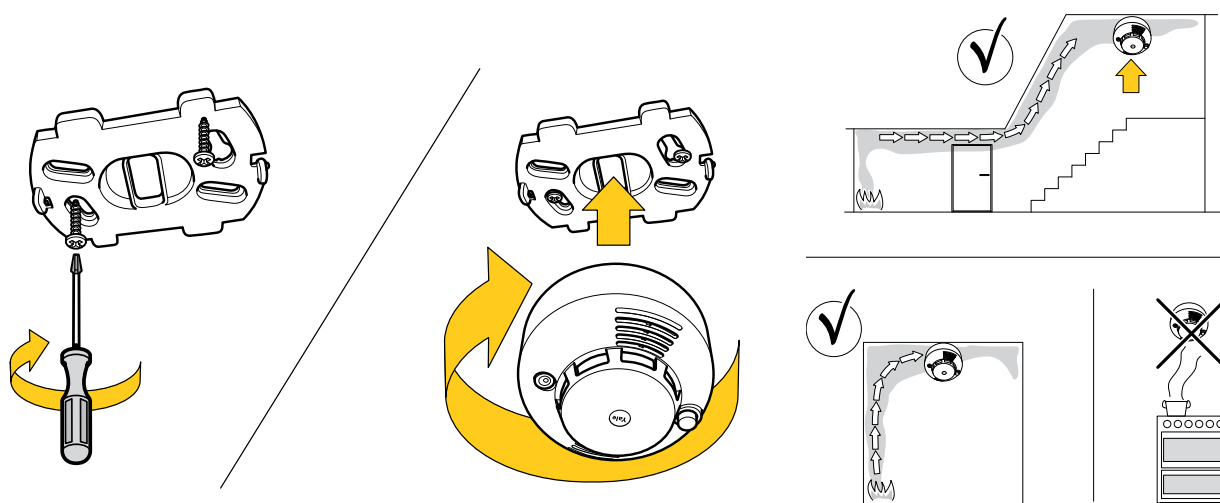


Mounting devices

Panic Button

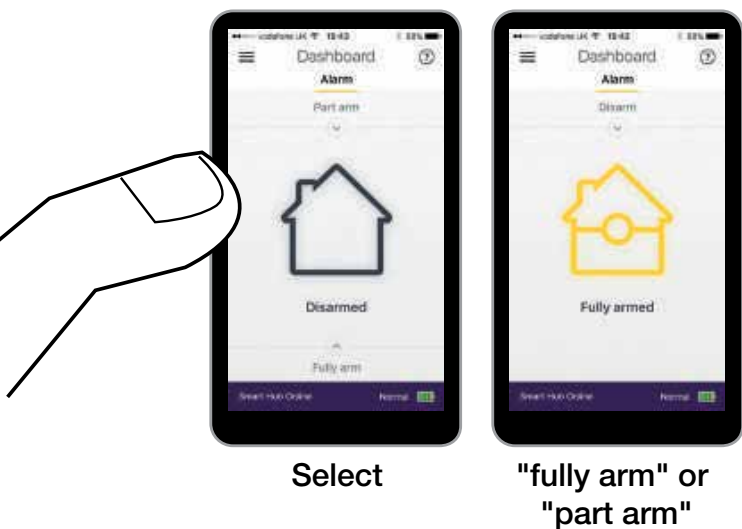


Smoke Detector



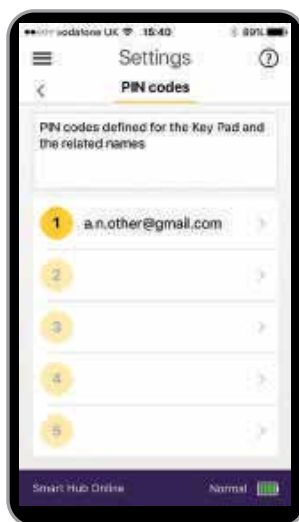
Note: The Yale smoke detector is to be used for alarm notification only, it is not to be used as the primary smoke detector on the premises.

Using the System



Changing your Key Pad PIN

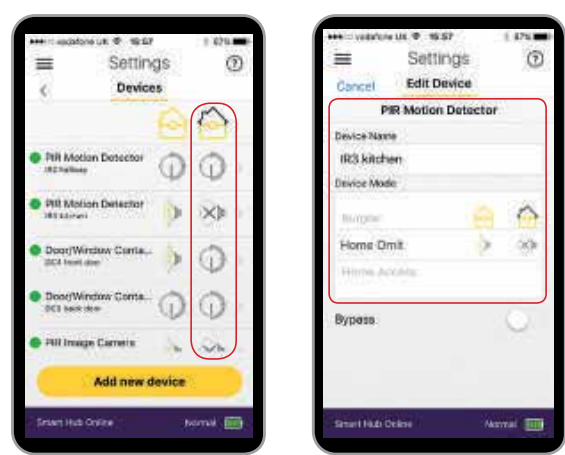
The Key Pad PIN is the PIN you set during the alarms first installation. You can set up to 10 sets of 4 digit PIN numbers in the app. Go to the app menu, select Settings > Alarm Settings > KeyPad PIN Code Settings and select the user you want to edit the PIN code for or add another PIN.



Using the System


















Configuring Device Behaviour

Go to the app menu, select Settings > Alarm Settings > Devices to access your device list. Go in to the settings for each device and select the required setting.



Setting up Part Armed Mode

Part Armed mode is usually used to protect the ground floor when you are upstairs in bed.

	 Disarmed	 Part-Armed	 Armed	Key
Burglar				 Sensor Ignored
Home Omit				 Instant Siren
Home access				 Triggers Countdown
Entry				

Using the System

Adding Alert Notifications

You can add/delete email addresses that will be alerted when the alarm is triggered. You can choose to have ALL events (or Burglar only) reported via email.

Hint: our report email will use the email address of: report@yalehomesystem.co.uk

Save this email address as your VIP (Apple iOS) or Priority (Android) email and assign a special ringtone to it. You can also add SMS alerts to specified mobile numbers (burglar events only).

Go to the app menu, select Settings > Users > Notification Settings to manage your notifications.



Default Settings

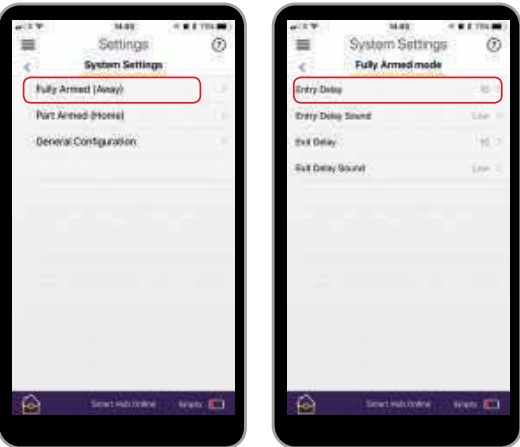
All devices (except PC and PVC) are pre-set to "entry" mode.














When the system is first armed, users will have 30 seconds to exit the building. If the system is already armed, triggering any sensors will cause an entry countdown to begin.

PC/PVC's default setting is "Burglar only", i.e. immediate triggering during full arm and sleep during Part Arm. This is done to conserve battery life.


You can change the entry/exit delay timing and other settings for both fully armed and part armed mode.


Go to the app menu, select Settings > Alarm Settings > System Settings.




		Disarmed		Part-Armed		Armed
Burglar						
Home Omit						
Home access						
Entry						

Key

 Sensor Ignored

 Instant Siren

 Triggers Countdown

Supervision off as default (recommended).

i Please note that having supervision enabled could reduce the battery life of your devices.

This feature should only be used by a professional installer to check for outage and malfunctions with your devices. Incorrect usage would lead to a supervision failure message showing on the app.

With the exception of the PIR Image Camera, PIR Video Camera and Smoke Detector (these always have supervision turned on), the other devices you will need to have supervision manually enabled on the device if required.

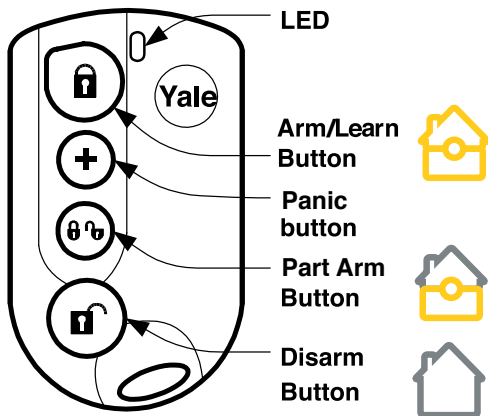
Supervision can be enabled via Settings > Alarm Settings > System Settings > General Configuration.

Jamming and interference detection (default on).

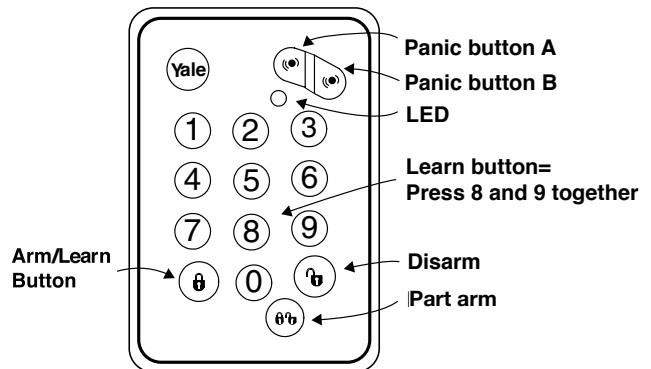
i If jamming and interference is of concern, please enable via "Settings > Alarm Settings > System Settings > General Configuration"

Adding & using devices

Key Fob



Key Pad



- Use the Key Fob to remotely arm, part arm or disarm your alarm when within 30m range of your Smart Hub.
- To add a Key Fob, see page 11.
- Pressing the panic button on the Key Fob will immediately sound the alarm.
- To cancel the panic alarm you will need to enter your PIN code on your Key Pad.

Adding & using devices

Manually requesting PIR Images

During an alarm, the PIR Image Camera will send images to your phone. You can also manually request these images in the 'control' section of the app by pressing the image icon next to the device in the control list. Still images take an average of 15 seconds before showing on your phone. Click on "image" to view images.

Go to app menu and select Control

Note: Up to 50 images can be kept in the Yale Server (the oldest images are automatically deleted to make space). Users are advised to delete unwanted images. Images will be stored for no longer than 30 days.

Take Photo



View Photo

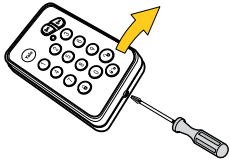


Adding & using devices

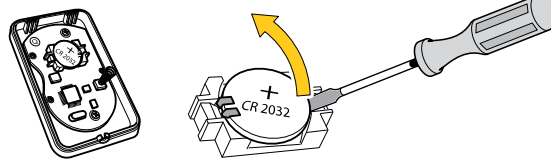
Reset Key Pad Code

Reset to factory default (0000) using the following steps:

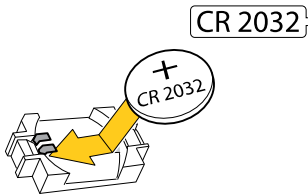
1. Unscrew



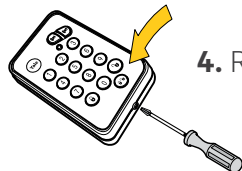
2. Remove



3. Hold down number 3 to discharge and then insert the new battery.

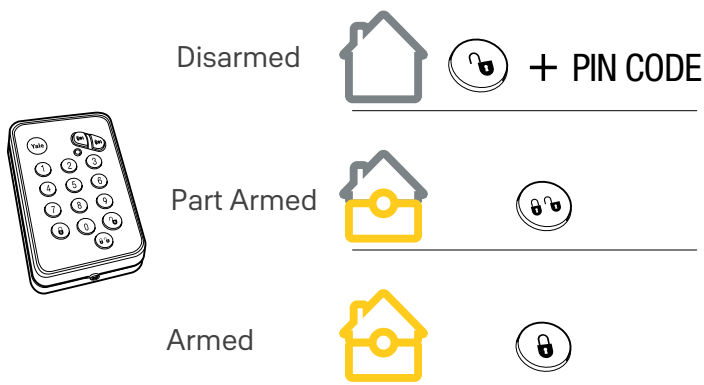


4. Replace cover



5. Initiliasie your Key Pad. See previous page 22.

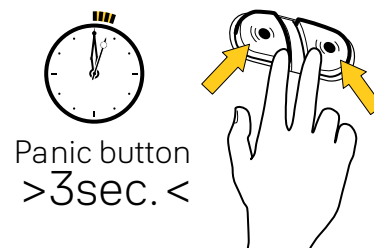
6. Learn this into your system.



Using your Panic Alarm

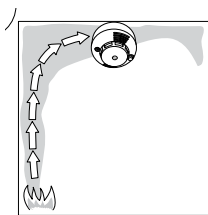
- Press the panic buttons together for 3 seconds to activate the alarm.
- Deactivate a panic event by pressing the disarm button followed by your PIN code.

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.



Adding & using devices

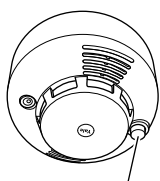
Smoke Detector



Smoke Detection

When smoke is detected the device will activate for a minimum of 10 seconds with a two tone alarm and flashing LED.

Note: The Yale smoke detector is to be used for alarm notification only, it is not to be used as the primary smoke detector on the premises.



Pair / Test button

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 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 (see page 26).

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.

Panic Button

Activate an Alarm

Press and hold the red button for at least 3 seconds to activate a panic alarm.



10 secs

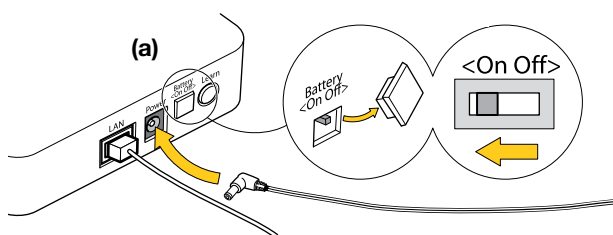
Silence an Alarm

Press and hold down the red button for 10 seconds.

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.

Resetting the system after a Panic Alarm

The system will require a reset at the Smart Hub after being silenced with the Panic Button. To reset the Smart Hub unplug the AC power (a) and turn the battery switch off for 10 seconds. Turn the battery switched back on and plug in the AC power again.



Changing Batteries



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

Low Battery Indicator

The Hub will start to emit an intermittent beep to indicate that the batteries need changing on one of your devices.

The hub will continue to beep until the batteries on this device have been replaced, or low battery device is put into bypass mode. Please note that bypass mode disables the device, and if disabled this device will no longer be triggered when the alarm is armed.

The app will also display a low battery message under the relevant device when batteries are running low.



When a device first shows the low battery signal in the app, it has enough capacity to operate for approximately 1 month before complete exhaustion.

Always make sure the system is disarmed before changing any batteries. We recommend you follow the battery wizard within the app when changing the batteries.

Changing Batteries

External Siren Battery Change

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



Note: Take care not to confuse a low battery warning with a tamper warning.
Refer to Sirens "Strobe light indication" chart on page 31



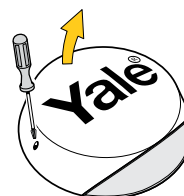
1. Disarm

2.



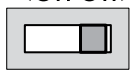
>Settings
>Alarm settings
>System settings
>Siren Settings
>Disable siren tamper

3.



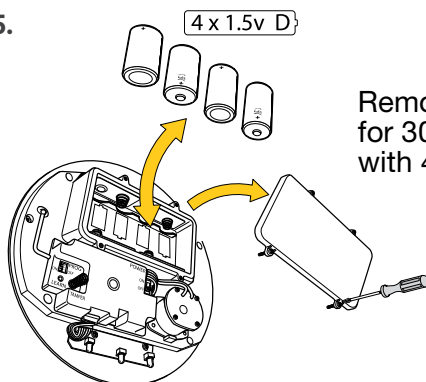
4.

<On Off>



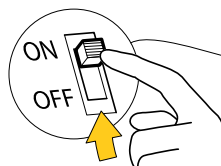
Switch off

5.



Remove old batteries and wait for 30 secs before replacing with 4 new ones.

6.



Turn on. Check the siren beeps & flashes.

7.



Replace the cover

8. > Done



Warning: After the batteries have been inserted, the tamper will become active after three hours.

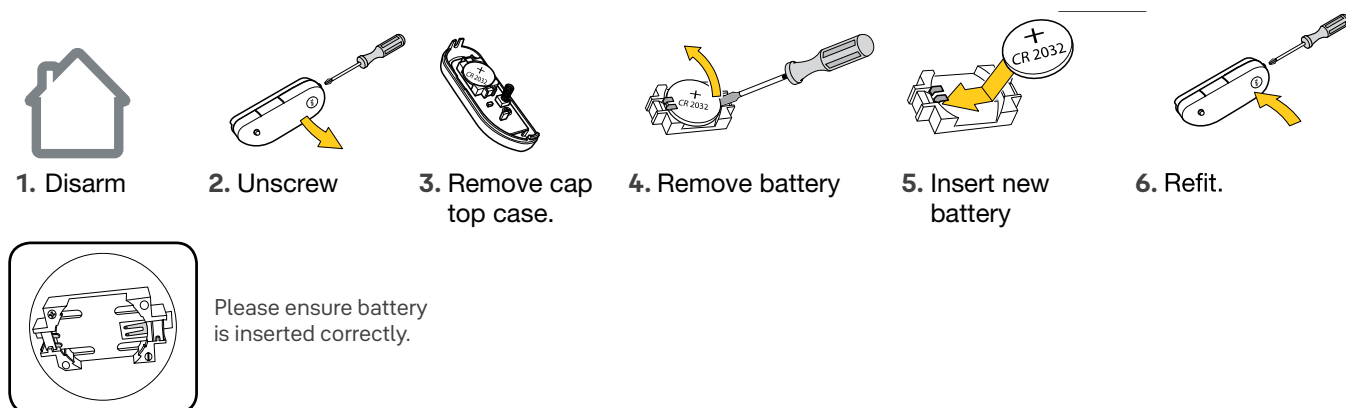
Changing Batteries

Door/Window Contact Battery Change

When the battery is low the LED will light up when the door/window is opened.

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

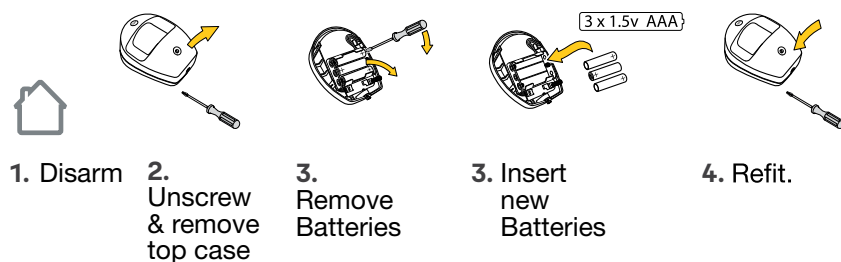
To change the battery:



PIR Battery Change

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

EF-PIR



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.

PIR Camera Battery Change



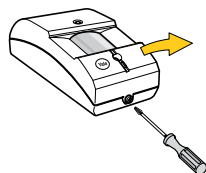
Please be careful when removing case as cable is very delicate.

Changing Batteries

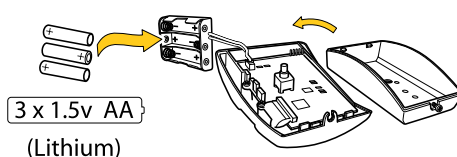
PIR Video Camer Battery Change



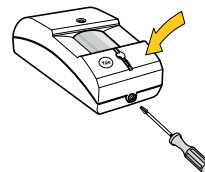
1. Disarm



2. Unscrew
& remove
top case



3. Remove &
replace Batteries



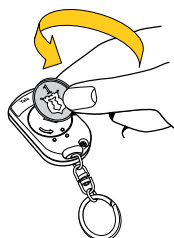
4. Refit.

Key Fob Battery Change

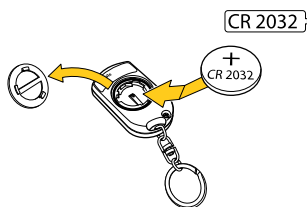
When the battery is low the LED will glow dimly when any key is pressed. The battery is changed as follows:



1. Disarm



2. Unscrew &
remove



3. Remove
& replace
battery



4. Replace cover

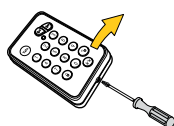
Press any key and check that the LED lights. If the LED lights the new battery installation is successful.

Key Pad Battery Change

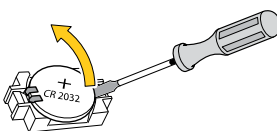
When the battery is low the LED will flash when any key is pressed. The battery is changed as follows:



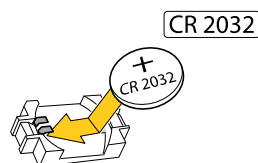
1. Disarm



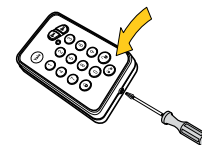
2. Unscrew &
remove cover



3. Remove old
battery



4. Insert new
battery (slot under
2 tabs) & click in
place.



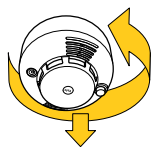
5. Replace cover.

Press a number key and check that the LED lights.
If the LED lights the new battery installation is successful.

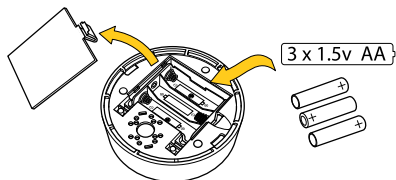
Changing Batteries

Smoke Detector Battery Change

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

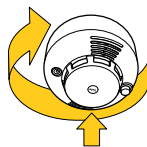


1. Rotate anti-clockwise to remove



2. Remove old batteries

3. Insert new batteries

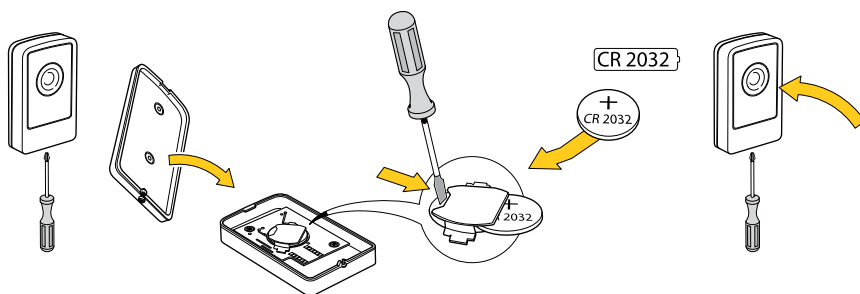


4. Fit & rotate clockwise to lock.

Press the test button and check that the LED lights and the sounder chimes to confirm the new battery installation is successful.

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. Unscrew

2. Open case

3. Remove old battery

4. Insert new battery & replace cover.

Press the button and check that the LED lights. If the LED lights the new battery installation is successful.

Troubleshooting

External Siren

For Siren trouble shooting please refer to the Strobe light indication chart.

	Siren Audio (optional)	Strobe light indication
Arm	1 beep *	3 LED flashes at once
Home	1 beep *	3 LED flashes at once
Disarm	2 beep *	Sequentially flashes for 1 cycle
Arm (Low Battery)	5 beeps	3 LED flashes for three times
Disarm (Low Battery)	5 beeps	Sequentially flashes for 2 cycles
Arm (Tamper)	5 beeps	3 LED flashes for three times
Disarm (Tamper)	2 beeps *	Sequentially flashes for 1 cycle

- Siren may not be in range of the Smart Hub
Ensure these are within 30m of each other and relocate devices if required.

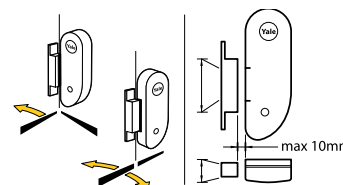
Door/Window Contact

Door/Window Contact LED lights up

- Batteries are low or the tamper switch has been disturbed. Check that the tamper switch spring is making contact with the mounting surface. If the tamper switch is OK, please change the battery.

Door/Window Contact does not respond

- Batteries are completely exhausted. Change the battery.
- The magnet is too far away from the sensor. Check that the gap between the sensor and magnet is not greater than 10mm.



PIR Motion Detector

PIR does not respond to motion

- Previous motion may have triggered the PIR sleep timer, and is preventing subsequent motion detection. Arm the system and vacate protected area for at least 60 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 to filter out random fluctuations, and responds to genuine motion across field of view, the PIR is less sensitive, when walking directly towards it.

Troubleshooting

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.

It is possible to arm the system with "open" Door/Window Contact (i.e. windows open).

i You will be prompted in the App when trying to arm with your door/window open.

PIR Motion Detector LED flashes

- Batteries are low or the tamper switch is disturbed. Check your app for device battery status. Change them if they are running low. Check that the tamper switch spring is making contact with base.

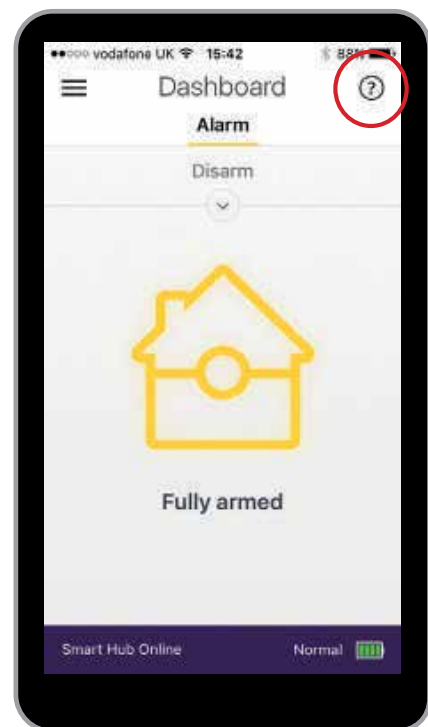
PIR Motion Detector does not respond to movement

- Batteries are completely exhausted. Check your app for device battery status. Change the batteries.

PIR Image Camera & PIR Video Camera

LED flashes every 20 minutes

- Device out of range of the Smart Hub.
- *If a PIR Image Camera or PIR Video camera is not learnt into the system or within range of the Smart Hub, battery life will be greatly affected while it searches for a connection.



Consumer Support

Should you have any questions or experience a problem with your Smart Home Alarm Kit, please check our troubleshooting sections within the app. (select the ? at top right of the screen you need help with) Or alternatively contact customer service:

1300 LOCK UP (1300 562 587)
customerservice.au@assaabloy.com

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

Smart Hub

Siren Output 100dBA sound pressure @ 1m minimum

Zones 20 radio devices

Radio system 433MHz FM, 2.4GHz

Power supply Plug top adaptor type, input 230VAC 50Hz, output 9VDC, 1A, tested to EN 60 950

Rechargeable battery Ni-MH, 4.8V 600mAH, charge time 72hrs, standby time 10hrs

External Siren

Siren Output 104dBA sound pressure @ 1m minimum

Radio 433MHz 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 433MHz FM

Power supply 4.5V, 3 x AAA alkaline batteries.

Motion Detector range 12 metres 110°

Door/Window Contact

Radio 433MHz FM

Power supply 3V, CR2032 lithium coin cell battery

PIR Image Camera

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

Radio 2.4GHz

Power supply 2 x AA 1.5V alkaline batteries

Movement detection range 110°

PIR Video Camera

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

Radio 2.4GHz

Power supply 3 x AA Lithium batteries.

Motion Detector range 12 metres 110°

Smoke Detector

Radio 433MHz FM

Power supply 4.5V, 3 x AA alkaline batteries

Tested to EN54

Key Fob

Radio 433MHz FM

Power supply 3V, CR2032 lithium coin cell battery.

Key Pad

Radio 433MHz FM

Power supply 3V, CR2032 lithium coin cell battery.

Panic Button

Radio 433MHz FM

Power supply 3V, CR2032 lithium coin cell battery.

Special notes:

The phone feature and remote notifications require our central server. Yale does not guarantee limitless and future availability of our free server. We would contact individual users via e-mail should this situation change.

In the unlikely event of server disconnection, the alarm system will continue to function (arm/disarm) using the supplied Key Pad accessory.

Notes

Notes

ASSA ABLOY Australia Head Office

ASSA ABLOY Australia Pty Limited
235 Huntingdale Road, Oakleigh
Victoria, 3166 Australia

1300 LOCK UP (1300 562 587)
customerservice.au@assaabloy.com
assaabloyopeningsolutions.com.au

yalehome.com.au



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