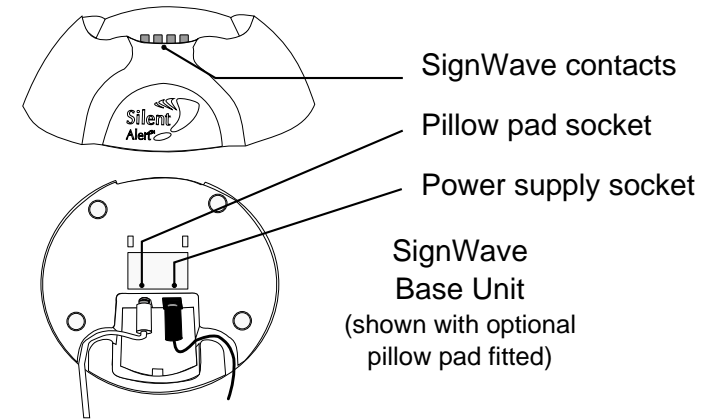
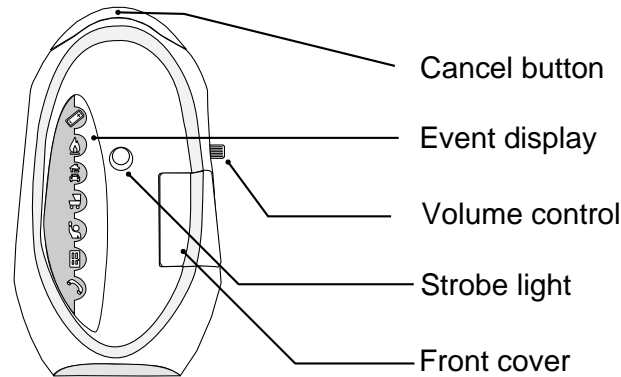


# SignWave Receiver

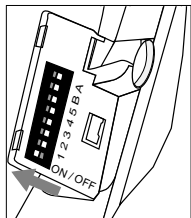
SW3A-2208-EU



Simple to use and ergonomically designed for both Deaf and Hard of Hearing people, the portable SignWave receiver uses strobe, variable sound frequencies and the incoming alert symbol to notify the user to an event occurring.



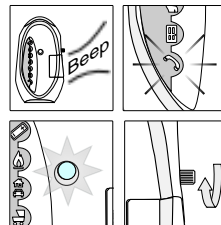
## Switch on



Move the On /Off key to the left using the edge of the front cover.

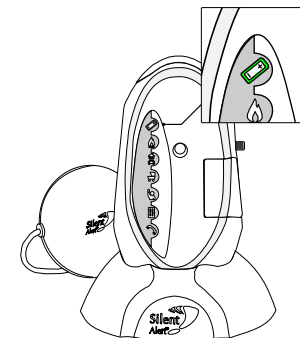
Replace the front cover, the SignWave will flash the battery light green once every 8 seconds to indicate the unit is switched on.

## Cancel a signal



When a signal is received the strobe will flash, a sound will be emitted and one of the event lights will illuminate. This sequence can be cancelled by pressing the cancel button at the top of the unit.

## Charge up



Place the base on a smooth surface such as a bedside or coffee table.

Dock the SignWave onto the base.

The battery symbol will light solid green to show the SignWave is correctly docked and charging.

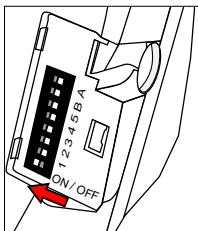
For overnight cover use the optional pillow pad.

# Silent Alert troubleshooting



## SignWave

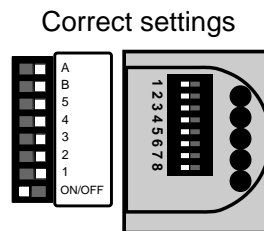
### SignWave does not function



**Cause: SignWave may not be switched on**  
Move the ON/OFF switch to the on position (to the left, away from off).

The battery symbol will light solid green for 5 seconds then flash green every 7 seconds.  
The SignWave is now ready to use.

### SignWave doesn't function and is switched on



**Cause: Incorrect system channel**  
Check that the system channel keys labelled 1-4 match on both the receiver and the transmitter.

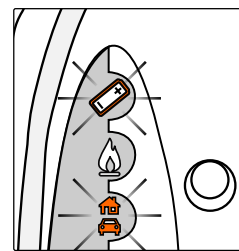
**NOTE: the pager and signwave have an ON/OFF key. Transmitters do not.**

### Battery key lights and SignWave Beeps



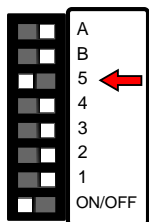
**Cause: SignWave battery may be flat**  
Place SignWave onto its base and allow to recharge.

### Event + Battery key light and SignWave Alarms



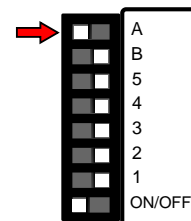
**Cause: Monitor battery flat**  
Monitor Battery is flat. Change the Battery in the corresponding monitor and send a signal to test.

### System range insufficient



**Solution: Switch Signwave into long range mode**  
With the SignWave switched on, move switch 5 to the right.

### Smoke Key flashes every 7 seconds

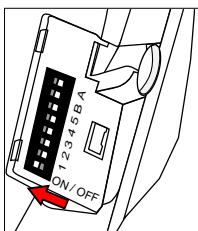


**Cause: SignWave in Fire Safe mode**  
If the SignWave is in a Fire Safe environment this is normal, do not change.  
If Fire Safe cover is not required make sure key A is switched off (to the right) and wait 5 minutes.

## SignWave

Page 2

### SignWave wont flash &/or make noise



#### Cause: Unit has been reprogrammed

Move the ON/OFF switch to the off position  
(to the right towards off).

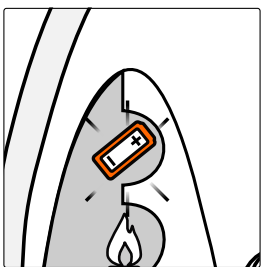
Wait 5 Seconds.

Move the ON/OFF switch to the ON position.

The battery symbol will light solid green for 5 seconds  
then flash green every 7 seconds.

The SignWave is now reset and ready to use.

### Battery key flashes amber whilst the SignWave is on the base.

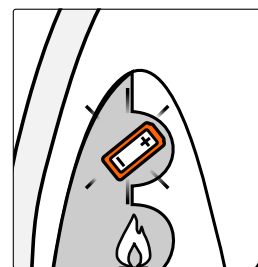


#### Cause 1: SignWave battery may be flat

Place SignWave onto its base and allow  
to recharge.

If the battery is too flat to light the battery key  
switch the unit off and charge for 15 minutes, then,  
whilst still on the base switch the SignWave on.

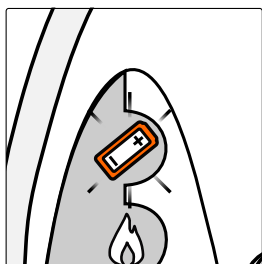
The battery light should now shine solid green.



#### Cause 2: Base power supply is not plugged in

Check the Mains adapter is plugged into the wall  
and firmly into the base. Also Check the mains  
socket is switched on.

**If this is all ok and you still have an orange  
flashing battery light move to solution 3**

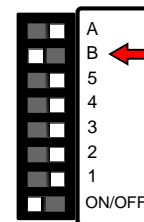


#### Cause 3: Pillow Pad possibly damaged

Check the vibrating pillow pad is firmly plugged into  
the base. If it is check the contact springs in the  
base are all present and at the same height.

Re-dock the SignWave and check for a solid green  
charging light.

**If no pillow pad is fitted move to solution 4**



#### Cause 4: Pillow Pad not fitted

If the Pillow Pad is not fitted switch key B on the  
signwave to the left. This will stop the error being  
reported and give you a solid green charging light.

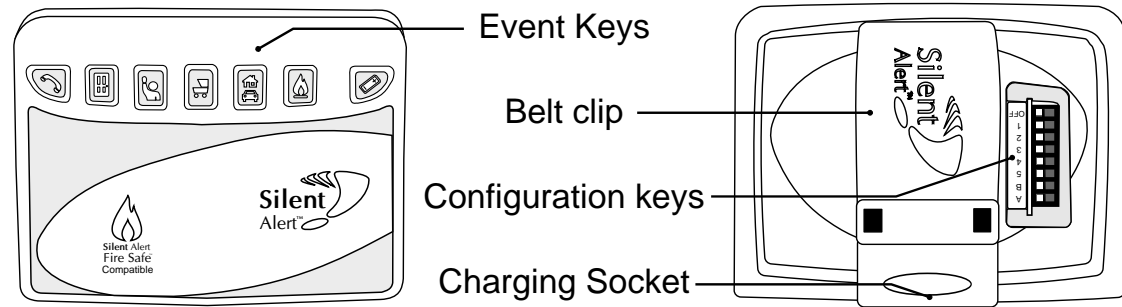
# Vibrating Pager

PG3A-2204-EU

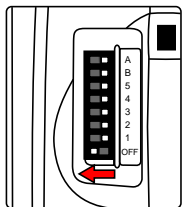


Actual size

Lightweight & discreet, this portable, vibrating Pager unit is worn by the user on the belt, in a pocket or around the neck using the cord.



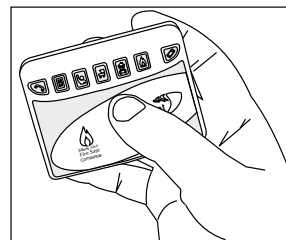
## Switch on



Move the ON/OFF switch to the on position ( to the left away from off).

The Pager will illuminate each key then vibrate. The Pager is now ready to use.

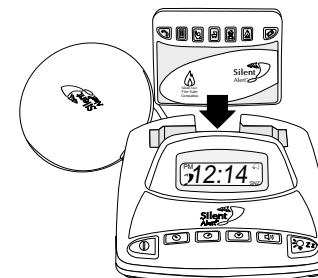
## Cancel a signal



The pager will flash and vibrate when it receives a signal.

To re-set the Pager and stop the vibration, press and hold the key that is lit.

## Charge up

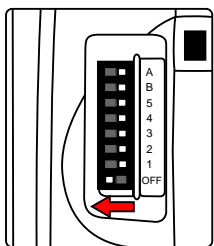


Place the Pager in the Alarm Clock or Trickle Charger placed on a bedside table.

A vibrating Pillow Pad will activate when a signal is received to wake the user.

## Pager

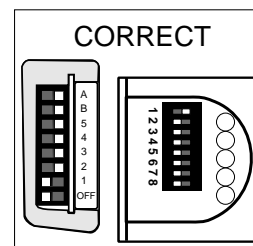
### Pager does not function



**Cause:** Pager may not be switched on  
Move the ON/OFF switch to the on position  
(to the left, away from off).

The Pager will illuminate each key then vibrate. The  
Pager is now ready to use.

### Pager does not function and is switched on

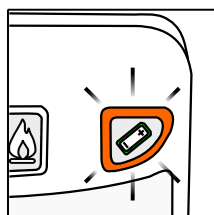


**Cause:** Incorrect coding

Coding switches incorrect. Check that  
the keys labelled 1-4 match on both the  
receiver and the transmitter.

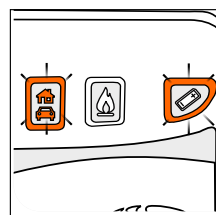
NOTE: the pager and signwave have  
an ON/OFF key. **Transmitters do not.**

### Battery key lights and Pager vibrates



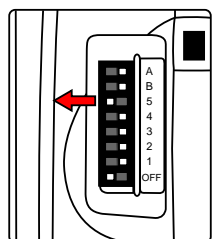
**Cause:** Pager battery may be flat  
Place Pager into an Alarm Clock or Trickle Charger and  
allow to recharge.

### Event + Battery key light and Pager vibrates



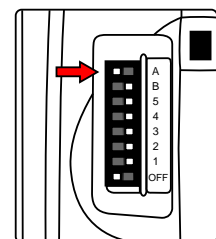
**Cause:** Monitor battery flat  
Monitor Battery is flat. Change the  
Battery in the corresponding monitor  
and send a signal to test.

### System range insufficient



**Solution:** Switch Pager into long range mode  
With the Pager switched on, move switch 5 to  
the left (away from the belt clip).

### Smoke Key flashes every 7 seconds



**Cause:** Pager in Fire Safe mode  
If the Pager is in a Fire Safe environment this is  
normal do not change.  
If Fire Safe cover is not required make sure key A  
is switched off (to the right).

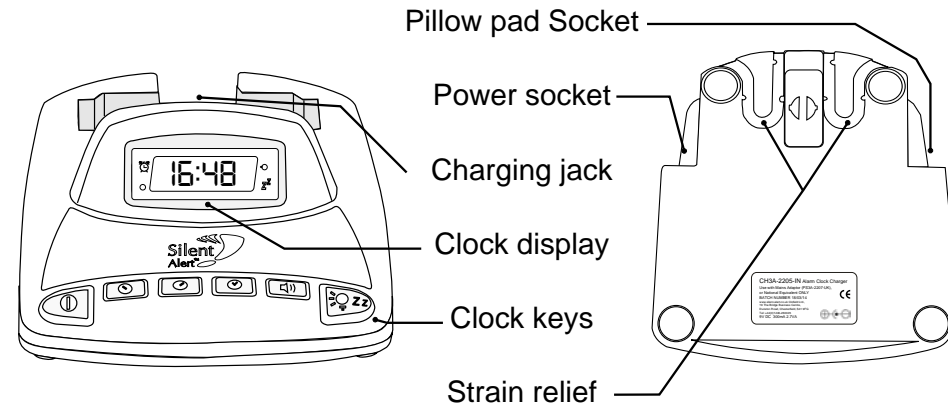
# Alarm Clock charger

Ch3A-2205-IN

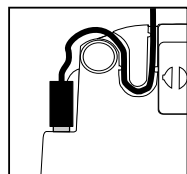


With backlit keys and a powerful backup battery, the Alarm Clock charger allows users to charge their Pager over night with the benefit of alarm clock cover.

When used with the optional vibrating pillow pad, the user has 24H notification from their range of Silent Alert transmitters.

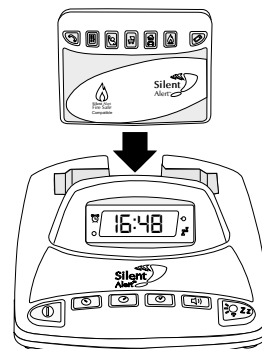


## Switch on



Connect the power supply to the unit and the plug adaptor into a 13 Amp mains socket. The display will switch on and the charger will power up. Use the strain relief in the charger base to secure.

## Charge the Pager



Dock the pager in to the charger. The battery key on the Pager & the snooze key on the charger will light green briefly upon docking confirming the pager is docked correctly. If a pillow pad is fitted it will vibrate three times when the pager is docked.

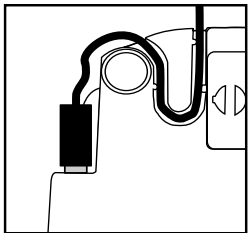
## Vibrating Pad



Overnight cover can be achieved using a Vibrating Pillow Pad. When a signal is received at night, or when the alarm activates, the pillow pad will vibrate to alert the user.

## Alarm Clock Charger

### Clock display blank



#### Cause: Mains not connected

Connect power supply to mains, Ensure socket is switched on & plug is fitted to socket at back of the Alarm Clock Charger.

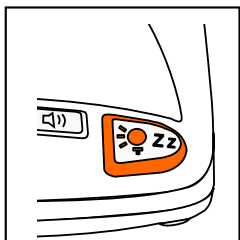
### Alarm does not activate



#### Cause: Alarm not set

Set the alarm using the far left key and hold it until the pillow pad vibrates (if fitted) and the alarm and snooze LED's light in the display.  
Refer to the Charger's quick start guide for detailed instructions on setting the clock.

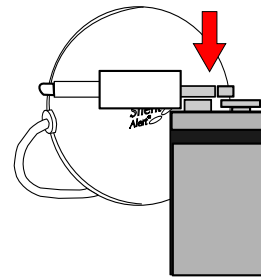
### Snooze key flashes amber



#### Cause: No mains power / faulty pillow pad

Check the power supply is plugged into a 13amp mains socket that is switched on. Also, check the 2.1mm power supply plug is firmly connected to the charger.  
If a pillow pad is present unplug it. If the light stops flashing replace the pillow pad.

### Pillow Pad vibration weak/ No VP



#### Cause: Battery flat / Pillow pad worn out

The Charger battery will take up to 48H to fully charge. If it is a new installation leave the charger plugged in for a few minutes and re-test.

The Pillow Pad can be tested using a standard 9V PP3. Unplug the pad and place the jack plug across the terminals of the battery. The pad should vibrate vigorously. If it doesn't vibrate, replace the pad.

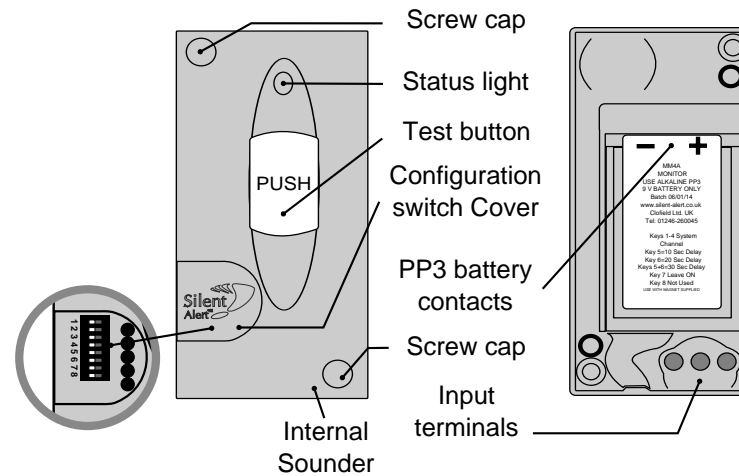
**Warning**  
Do not connect the VP as shown for longer than 2 seconds

# Mini Monitor

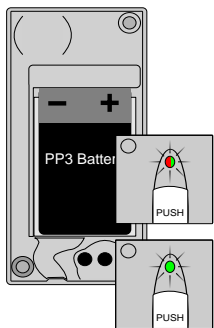
MM4A-2212-EU



The Mini Monitor can be used as a wireless stand alone bell push or can replace a bell push on an existing wired door chime. Simply install a 9V PP3 alkaline battery and the unit is ready to go.



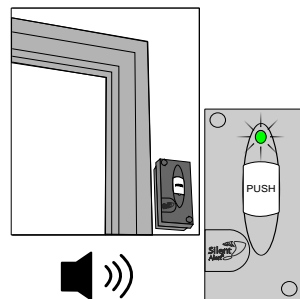
## Switch on



Install a 9 volt PP3 alkaline or lithium battery making sure to observe the correct polarity.

The Mini Monitor has no "ON" switch so no keys need to be moved across.

## Send a signal



Press the test button and check the Pager and/or SignWave receive the signal.

The Mini Monitor will make a sound when the button is pressed to provide feedback to visitors.

## Use Outdoors



If the mini monitor is to be used outside a StormGuard cover is available.

This clear cover simply fits around the monitor and protects it from moisture.



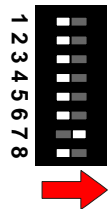
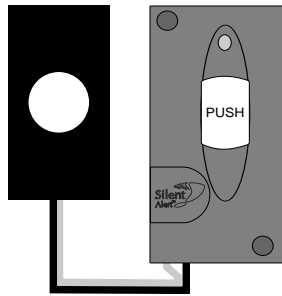
# Mini Monitor

MM4A-2212-EU wiring diagram



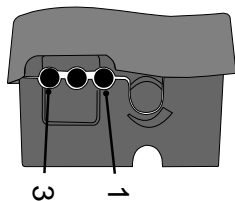
## Mini Monitor with external bell push

A standard bell push button can be used with a Mini Monitor



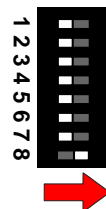
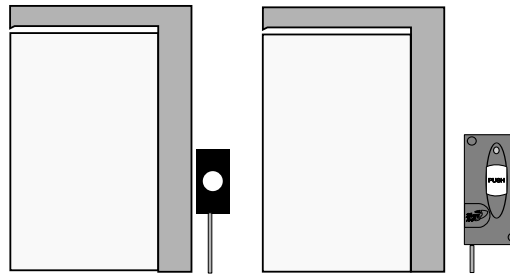
Move control key 7 to the right.

Insert the wires from the door chime into terminals 1 & 3 on the monitor securing with the locking screws.



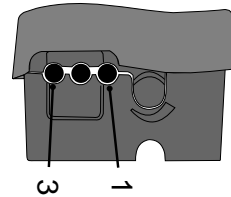
## Replace a bell push with a Mini Monitor

If a bell push is connected to a chime this may be replaced using the mini monitor.



Move control key 8 to the right.

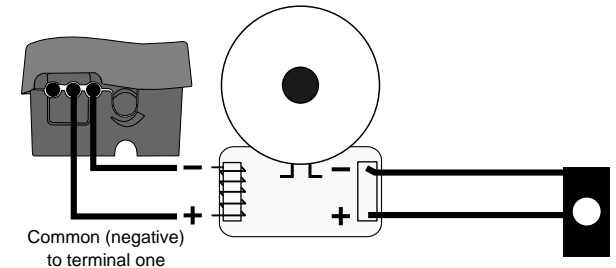
Insert the wires from the door chime into terminals 1 & 3 on the monitor securing with the locking screws.



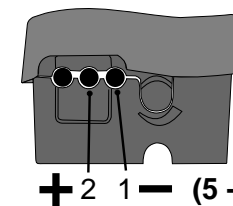
Make sure the common (negative) wire on the bell push is connected to terminal 1 to avoid false triggering.

## Use a Mini Monitor with an existing doorbell

When wiring across a coil or similar, use the voltage input.



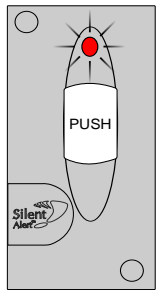
A voltage applied across terminals 1 & 2 will also trigger the unit. Both AC and DC voltages from 5 - 30 Volts will activate the unit.



**NOTE:** If a DC voltage is applied the positive needs to be connected to terminal 2 and negative to terminal 1.

## Mini Monitor

### Monitor does not function

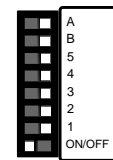


#### Cause: Flat battery in monitor

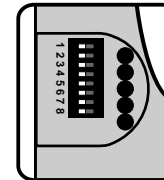
Replace the PP3 battery in the Mini Monitor with a brand new Alkaline or Lithium battery.  
Check the date on the battery before installation to ensure it has at least 5 years shelf life before fitting.

### Monitor does not activate Pager or SignWave

#### Correct settings



Pager/  
SignWave



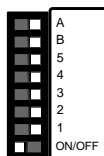
Mini Monitor

**Cause: Incorrect system channel**  
Check that the system channel keys labelled 1-4 match on both the receiver and the transmitter.

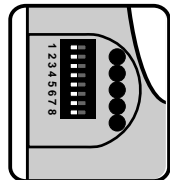
**NOTE: the pager and signwave have an ON/OFF key. Transmitters do not.**

### Monitor lights up wrong symbol on Pager or SignWave

#### Correct settings



Pager/  
SignWave



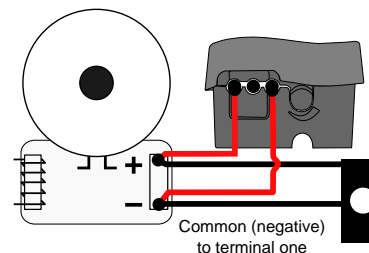
Mini Monitor

#### Cause: Incorrect configuration

The unit by default will send a doorbell signal.  
If key 5 is set it will send a Person to Person signal.  
Key 6 will send a Burglar/ Car alert.  
Keys 5 & 6 will send a Fire alert.

**NOTE: the pager and signwave have an ON/OFF key. Transmitters do not.**

### External bellpush doesn't trigger mini monitor



**Cause: Wiring incorrect.**  
Ensure the wires connected to the monitor clamp onto the wire, not the insulation.

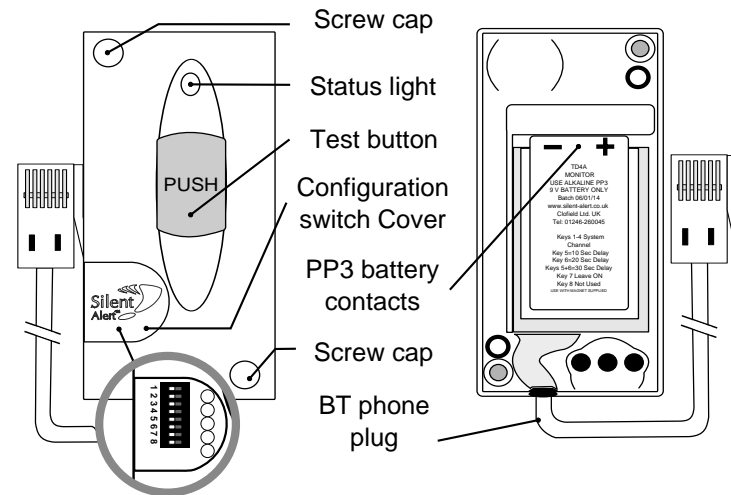
Check the Negative (common) wire is connected to terminal 1.

# Telephone Monitor

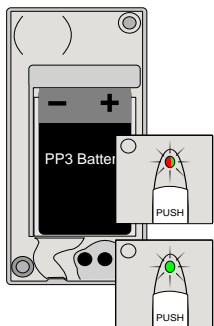
TD4A-2227-UK



The Mini Telephone monitor is easy to fit and enables the user to be alerted to incoming calls to their phone, textphone or fax.



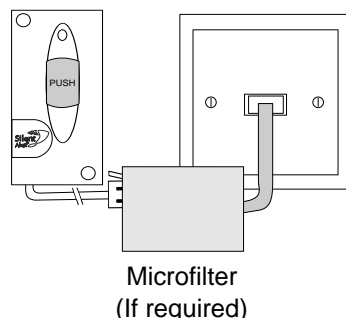
## Switch on



Install a 9 volt PP3 alkaline or lithium battery making sure to observe the correct polarity.

The Mini Monitor has no "ON" switch so no keys need to be moved across.

## Connect the unit

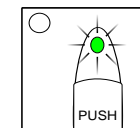


Connect the Telephone monitor through to a BT socket.

Now each time the phone line rings the monitor will transmit.

A Microfilter will be required if the line is broadband enabled.

## Auto Cancel

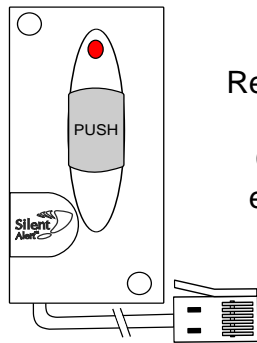


When the telephone handset is picked up the monitor will send an automatic cancel signal to the receiver.

The user will not have the distraction of an alarm sounding while taking the call.

## Telephone

### Monitor does not function

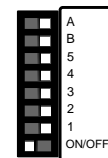


#### Cause: Flat battery in monitor

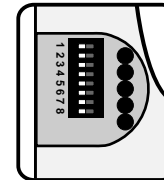
Replace the PP3 battery in the Telephone Monitor with a brand new Alkaline or Lithium battery. Check the date on the battery before installation to ensure it has at least 5 years shelf life before fitting.

### Monitor does not activate Pager or SignWave

#### Correct settings



Pager/  
SignWave

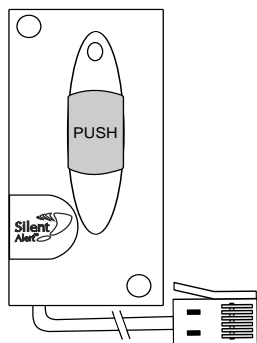


Telephone  
Monitor

**Cause: Incorrect system channel**  
Check that the system channel keys labelled 1-4 match on both the receiver and the transmitter.

**NOTE: the Pager and SignWave have an ON/OFF key. Transmitters do not.**

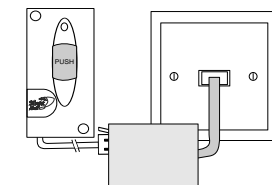
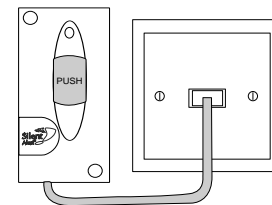
### Green light does not come on when line rings.



#### Cause: Line overloaded

There are too many devices connected to the phone line. Reduce the number of devices and try again.

### Green light does not come on when line rings.



#### Cause: Monitor not connected properly

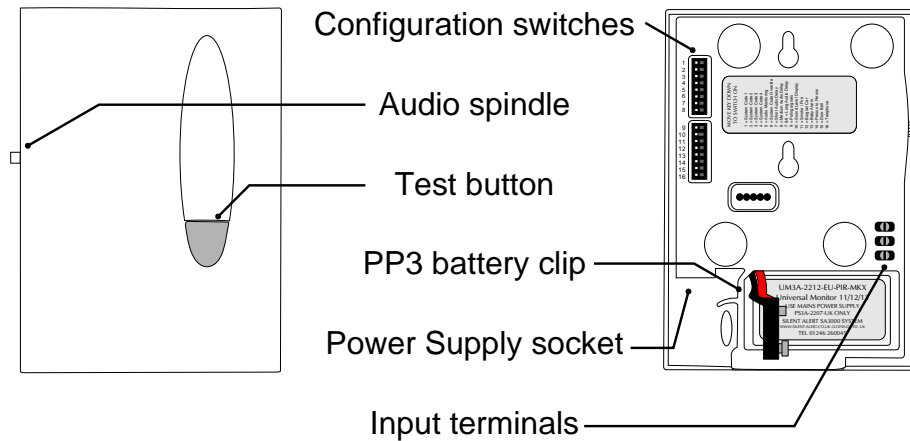
Check connection to the BT Socket. If the line is broadband enabled you will need to fit an ADSL microfilter between the wall and the monitor

# Universal Monitor

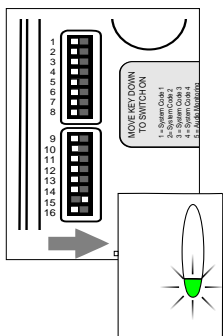
UM3A-2212-EU



The Universal Monitor is a versatile addition to the Silent Alert system allowing the flexibility to use both audio and external wired connections to trigger the unit.



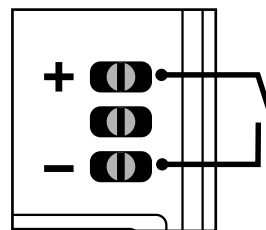
## Switch on



Move Key 15 to the right. Connect a 9V Alkaline PP3 to the battery clip.

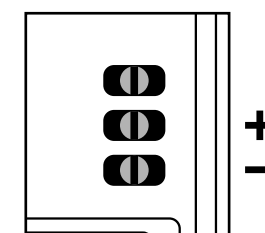
Press and briefly hold the test button  
The light will shine green and the monitor will send a signal.

## Short Circuit Trigger



A short applied across the top and bottom terminal will trigger the unit.

## Voltage trigger



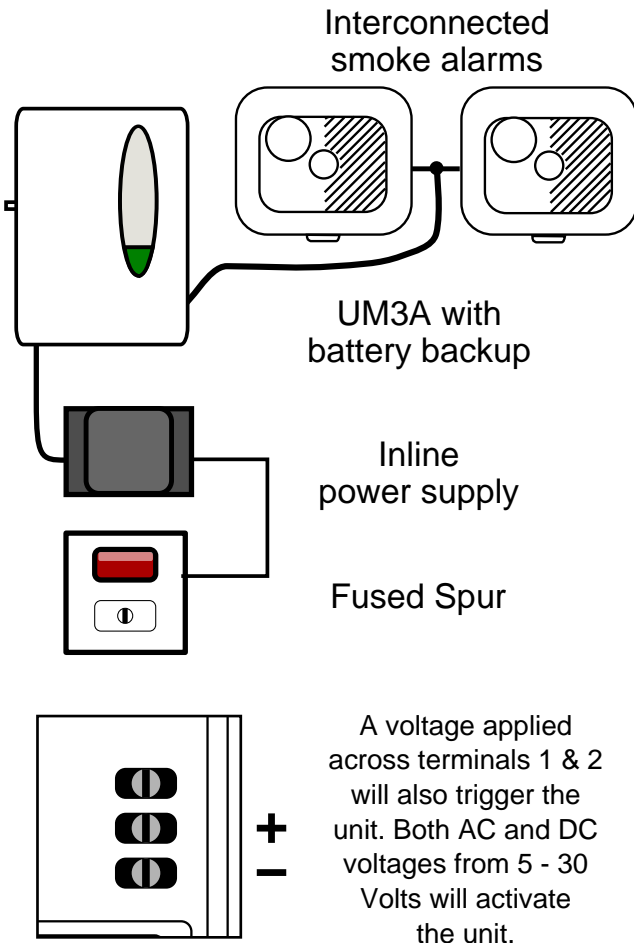
A voltage applied across terminals 1 & 2 will also trigger the unit. Both AC and DC voltages from 5 - 30 Volts will activate the unit.

# Universal Monitor

UM3A-2212-EU Configuration

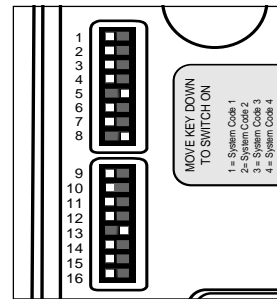


## Universal Monitor interconnected Smoke alarm configuration



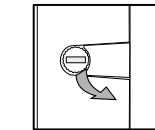
## Universal Monitor baby alarm sound detection

This is a very basic guide to sound detection setup. Please refer to the full product guide for more detailed instructions.

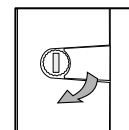


Set keys 5, 8 & 13 to on. This will configure the Universal Monitor to send a baby alarm with a medium sound trigger delay.

Adjust the sensitivity by moving the spindle clockwise to increase and anti clockwise to decrease.

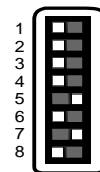


Less sensitive

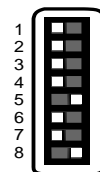


More sensitive

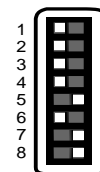
Change the keys shown to alter the duration of sound required to trigger the unit.



short

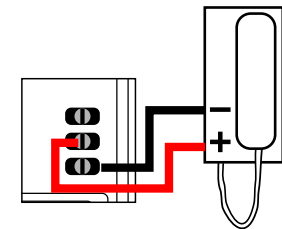


medium

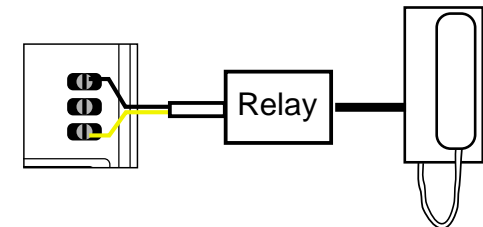


long

## Use a Universal Monitor with an door entry system



If the door entry system has a voltage output between 5 - 30V use the bottom two terminals ensuring the negative is connected to the bottom terminal.



Alternatively, use a relay with volt free contacts to apply a short across the top and bottom terminal

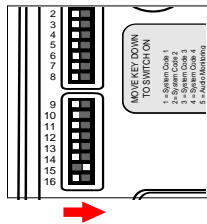
### WARNING

**DO NOT** apply mains power or any voltage in excess of 30 Volts as damage will result.

Only suitably qualified persons should attempt to link this unit into systems or equipment other than a low voltage door chime

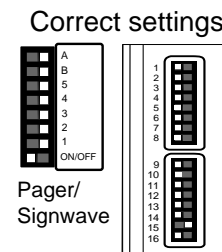
## Universal Monitor

### Monitor does not function



**Cause: Universal Monitor not coded**  
Check the Universal Monitor has one of keys 11 - 16 switched to the right.  
Example shown would code monitor to doorbell.  
**(refer to quick start guide for settings)**

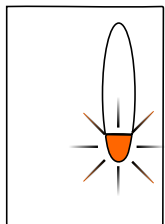
### Monitor does not activate Pager or SignWave



**Cause: Incorrect system channel**  
Check that the system channel keys labeled 1-4 match on both the receiver and the transmitter.

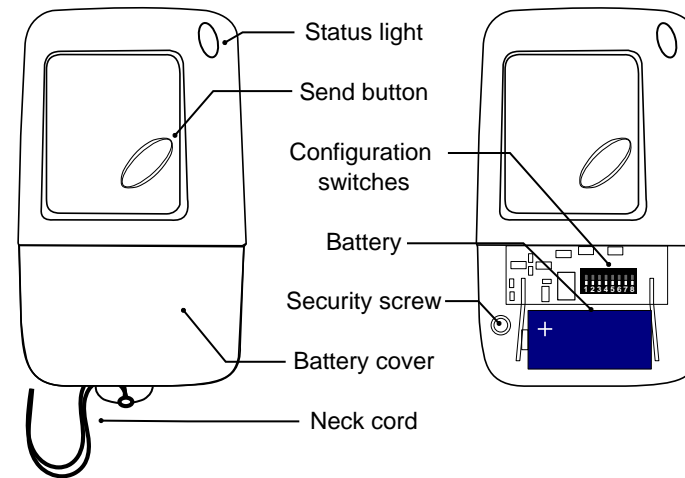
**NOTE: the Pager and Signwave have an ON/OFF key. Transmitters do not.**

### Monitor sends low battery signal &/or test key lights orange

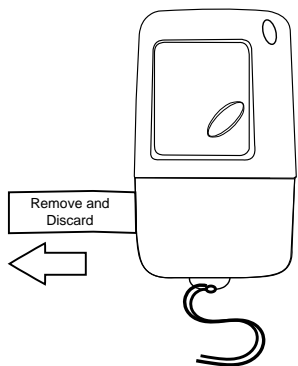


**Cause: Flat battery in monitor**  
Replace the PP3 battery in the Universal monitor with a brand new Alkaline or Lithium battery.  
Check the date on the battery before installation to ensure it has at least 5 years shelf life before fitting.

The Mini Person to Person Key Fob can be used to page a carer in another part of the home or workplace. Ideal when caring for someone who is either ill, has mobility problems or is prone to falling.



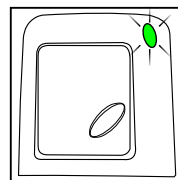
## Switch on



To activate the unit simply remove the paper tab by pulling it gently away from the unit.

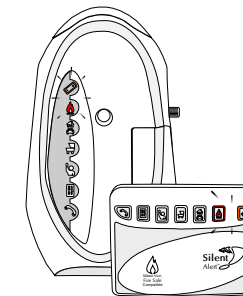
The keyfob is now ready to go and is set to illuminate person to person by default.

## Send a signal



Press the send button. The status light will shine green and the Pager or SignWave should receive a person to person signal.

## Battery Life

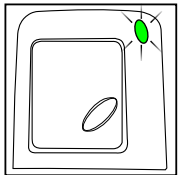


Low battery signals will be sent to your Pager or SignWave when the battery needs changing.



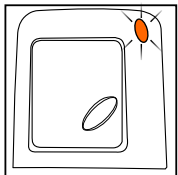
## Keyfob Monitor

### Keyfob does not function

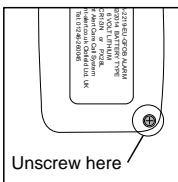


#### Cause: flat battery

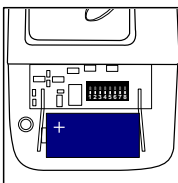
Press the keyfob button. If the LED lights green the battery is good.



However, if the battery lights orange the battery is flat and needs replacing.



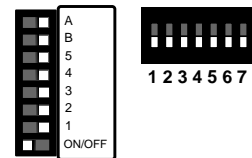
Replace the battery with a brand new Alkaline or Lithium battery.  
GP476A, PX28L or equivalent.



Check the date on the battery before installation to ensure it has at least 3 years shelf life before fitting.

### Keyfob does not activate Pager or SignWave

#### Correct settings



**Cause: Incorrect system channel**  
Check that the system channel keys labelled 1-4 match on both the receiver and the transmitter.

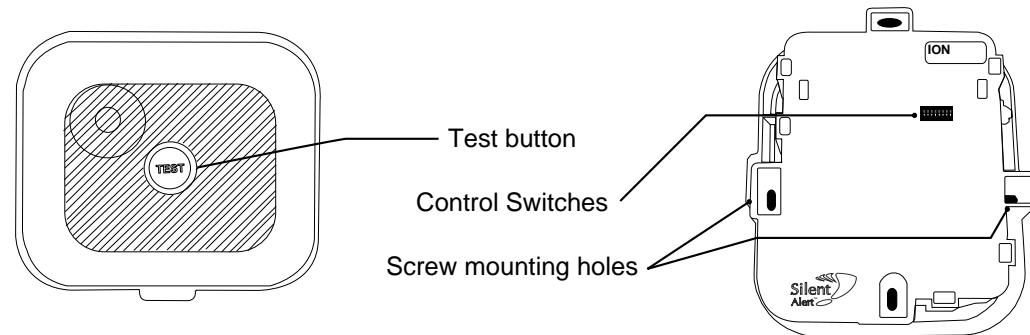
**NOTE: the pager and signwave have an ON/OFF key. Transmitters do not.**

# Smoke Alarm

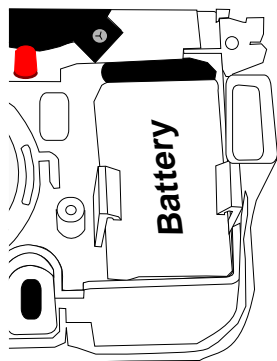
UM3A-2212-ION/OPTO



Powered by a single 9V PP3 alkaline battery, these alarms, with integral radio transmitters are suitable for all situations where Deaf and Hard of Hearing people require early warning of an outbreak of fire, whilst providing a powerful audible alarm for those with good hearing.

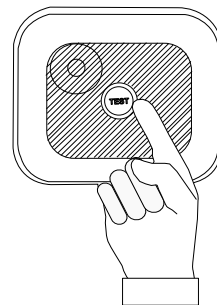


## Switch on



Install a 9V PP3 battery into the unit.  
NOTE: Only use alkaline or lithium batteries.

## Send a signal

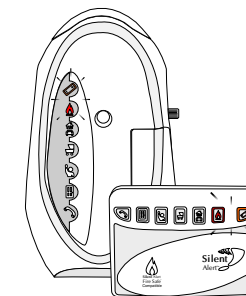


Press the smoke alarm test button whilst holding the alarm in the desired location.

Refer to the separate EI instructions for the smoke alarm to determine the best position for the unit.

Check the Pager or SignWave has received the signal before fixing in place.

## Battery Life

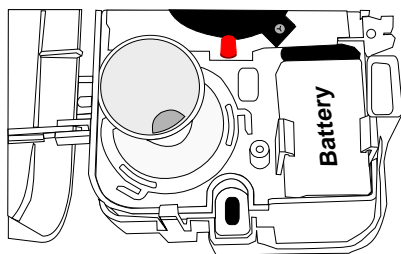


An Alkaline battery should last 2 years or more, a lithium battery can last 5 - 10.

Low battery signals will be sent to your Pager or SignWave when the battery needs changing.

## Smoke Monitor

### Smoke monitor does not function



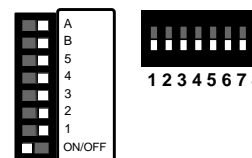
#### Cause: Flat battery

Replace the PP3 battery with a brand new Alkaline or Lithium battery.

Check the date on the battery before installation to ensure it has at least 5 years shelf life before fitting.

### Smoke monitor does not activate Pager or SignWave

#### Correct settings



#### Cause: Incorrect system channel

Check that the system channel keys labelled 1-4 match on both the receiver and the transmitter.

**NOTE: the pager and signwave have an ON/OFF key. Transmitters do not.**

### Smoke Monitor lights fire key blue



#### Cause: Key 7 on

The unit by default will send a smoke signal (red light) however, if key 7 is switched on the unit will send a CO signal (blue light).

If it is not required simply switch key 7 off.

# Carbon Monoxide detector

CO4A-2230-EU

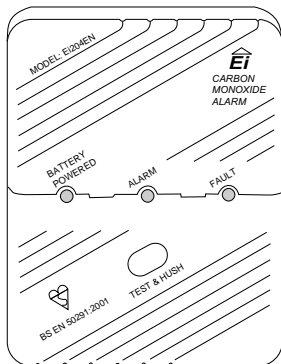


The Carbon Monoxide detector will sound a horn and the red indicator will flash at different speeds to indicate the presence of different levels of CO gas, (Slow flashes indicate low levels & rapid flashes indicate high levels). Suitable for all situations where Deaf and Hard of Hearing people require early warning of exposure to Carbon Monoxide.



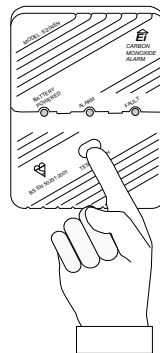
When receiving a Carbon monoxide alarm, the Pager or SignWave will light the fire key blue. This will help the user to differentiate a Carbon monoxide from a smoke alarm.

## Switch on



Remove the battery tab by pulling out and away from the unit.

The status lights on the front of the unit will light in sequence to indicate the unit is starting up.

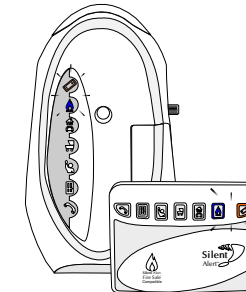


Press the smoke alarm test button whilst holding the alarm in the desired location.

Refer to the separate EI instructions for the Carbon Monoxide detector to determine the best position for the unit.

Check the Pager or SignWave has received the signal before fixing in place.

## Battery Life



An Alkaline battery should last 2 years or more, a lithium battery can last 5 - 10.

Low battery signals will be sent to your Pager or SignWave when the battery needs changing.

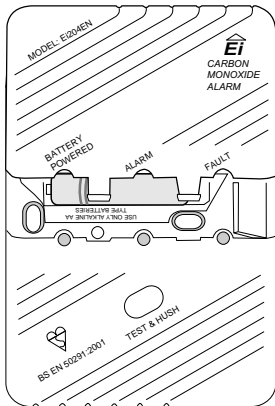
Telephone: 0800 387 397

Call us: 8:00 - 16:30 Monday to Friday

Web: [www.silent-alert.co.uk](http://www.silent-alert.co.uk)

## Carbon Monoxide detector

CO Detector does not function



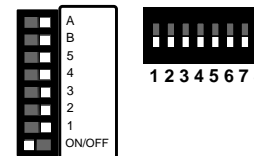
### Cause: Flat battery

Remove the battery cover and replace the 3 x AA's with equivalent Alkaline Batteries (Duracell or Energiser)

Check the date on the batteries before installation to ensure it has at least 5 years shelf life before fitting.

CO Detector does not activate Pager or SignWave

Correct settings



**Cause: Incorrect system channel**  
Check that the system channel keys labelled 1-4 match on both the receiver and the transmitter.

**NOTE: the pager and signwave have an ON/OFF key. Transmitters do not.**

# Fire Safe

FSTX-2226-IN



Ideal for multi occupancy buildings and commercial properties, the unique Fire Safe system bridges the gap between high cost on-site paging systems and paging systems used by people who are deaf at home.

When entering a building where the Fire Safe notice is displayed, the user simply presses the fire symbol on their Pager keypad. The Pager will vibrate three times to confirm that Fire Safe cover has been activated. If the fire alarm sounds whilst the user is within the building they will be alerted automatically.

## 24 seven cover

Fire Safe is powered via a 230V fused spur and has battery backup which conforms with BS5839-1 2013.

With polling, self checking radio, users are alerted to the main building fire alarm instantly.

## Stay put policy

Fire Safe can be used alongside Silent Alert smoke alarms to implement a 'stay put' policy.

Users can leave their property if a local smoke alarm activates or be instructed to stay put when the main building fire alarm activates.

## Built in range test

Fire Safe performs a radio integrity check every 5 minutes as required by British standards.

It can also be configured to send a range testing signal to allow fire alarm engineers to perform site surveys to ensure coverage.

Telephone: 0800 387 397

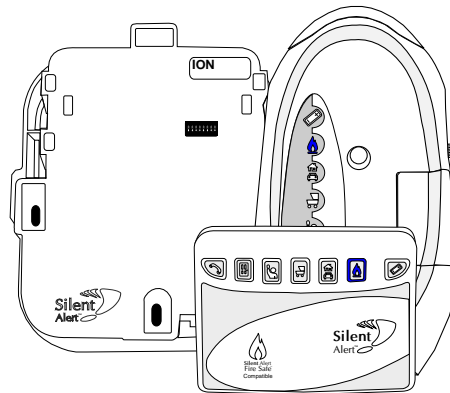
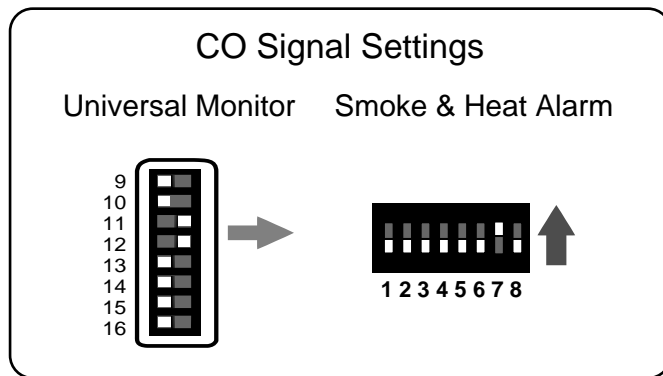
Call us: 8:00 - 16:30 Monday to Friday

Web: [www.silent-alert.co.uk](http://www.silent-alert.co.uk)

## Fire Safe 'stay put'

To implement a 'stay put' policy a Silent Alert system with a Smoke Alarm and a Fire Safe Panel is required.

Use a Silent Alert Smoke Alarm or Heat Alarm send a CO signal. This will now make the Pager or SignWave light blue when it receives a Smoke Alarm alert. Users can now tell the difference between local and building wide fire alerts and act accordingly. We have also recently added the CO signal to our Universal Monitors to be used when connecting to other fire alerting equipment.



**Local fire alarm**  
(leave your home)

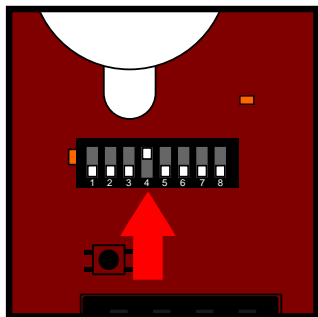


**Building wide fire alarm**  
(stay put & wait for assistance)

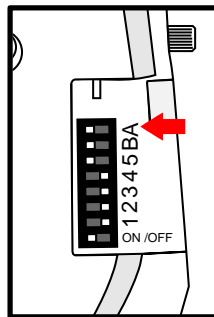


## Fire Safe range test mode

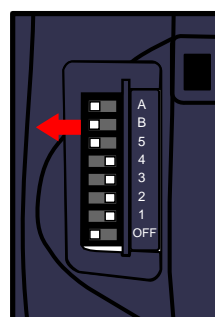
To test system range the Fire Safe panel can be set to poll every 6 seconds. On the Fire Safe panel switch key 4 to the on position.



Fire Safe MKII



SignWave



Pager

On the Pager or SignWave switch keys 5, A & B ON.

The radio signal strength will now be displayed using the receiver event lights.

Telephone = full power

Battery = low power

Whilst the system will operate at the battery level be we would recommend fitting a second panel to ensure total coverage.

