

Quick start guide UM3A-2212-EU-PIR

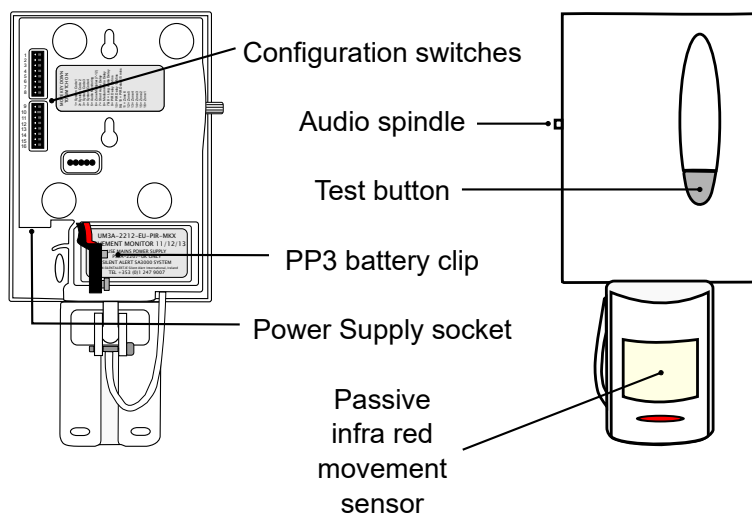
Passive Infra Red (PIR) Movement Monitor



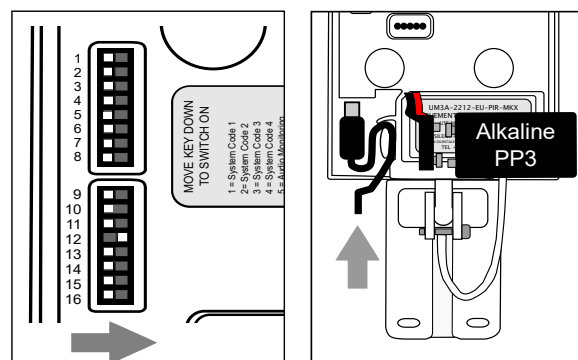
Movement Activation

Any questions? Call us on +353 (0)1 247 9007

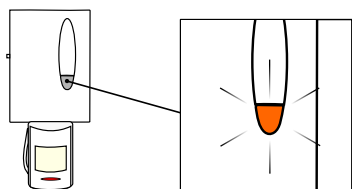
Use the following guide to set up your monitor to illuminate the person to person symbol on your Pager or SignWave when triggered. For advanced settings please refer to instructions overleaf.



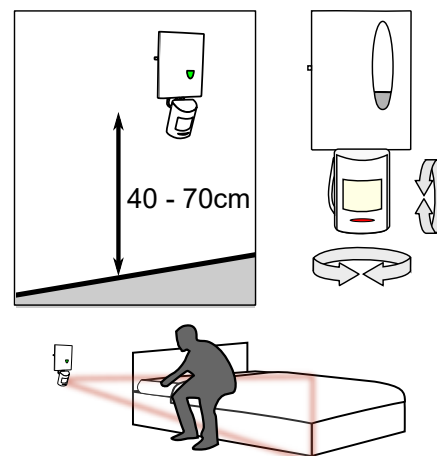
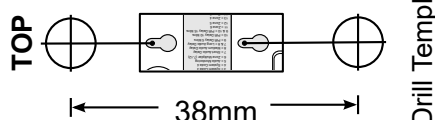
1. Move Key 12 to the right. Connect the power supply (PS3A-2207-UK) into the unit, looping the cable around the strain relief. Plug the power supply into a mains socket. If mains failure monitoring is required connect a 9V Alkaline PP3 to the battery clip.



2. The test button will flash amber / green on start up, then flash amber for up to 30 seconds whilst the movement sensor stabilises. This is normal.



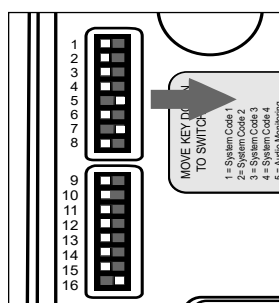
3. Position the unit & adjust the sensor to cover the area you wish to monitor. Ensure the unit is at least 40cm from the floor & fix to the wall with the screws and wall plugs provided. Use the keyhole slots in the back of the unit to secure.



Sound Activation

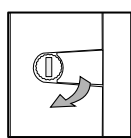
It is possible to enable sound monitoring as well as movement detection. Audio trigger delays can be used to reduce false alarms from transient noise (door slams etc).

1. Move keys 5 & 7 to the right.

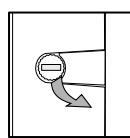


2. Turn the spindle on the side of the monitor half a turn clockwise until the slot is horizontal.

A good way to test the unit is to whistle about 2 metres away from it.



More sensitive

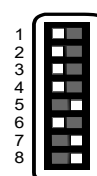
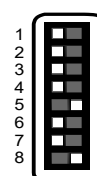
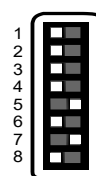


Less sensitive

3. The test button will light amber when a sound is detected and change to green once it has been accepted.

Switches 7 & 8 alter the delay period.

short medium long



Advanced settings UM3A-2212-EU-PIR

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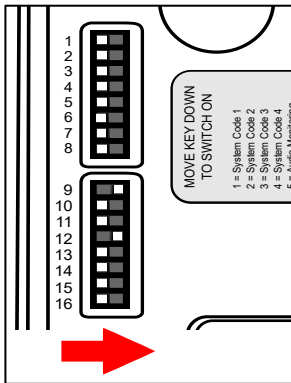


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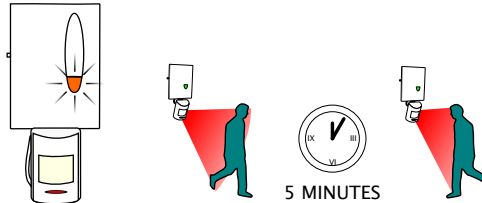
Movement return delays

It is possible to add a movement trigger delay to enable a period of time to pass from the sensor detecting movement to the monitor sending a signal. This can be useful to allow a user get a drink or visit the bathroom without triggering the system.

1. Move Key 9 across to the right to enable the movement delay.

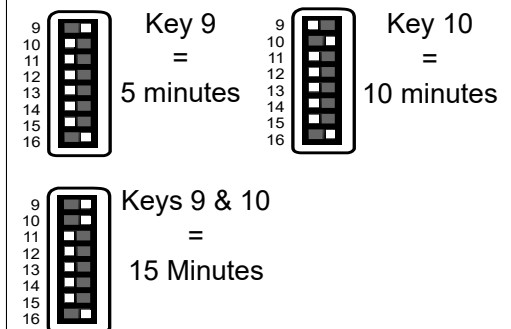


2. Now, instead of triggering instantly the monitor will display it has detected movement by flashing the test button orange.



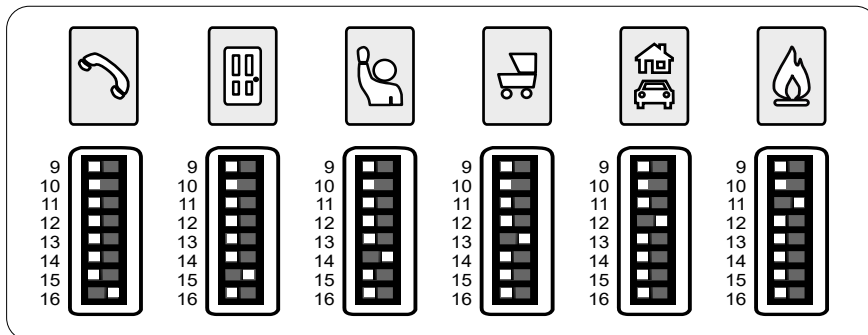
A count down timer will start. If the person returns within the time period the monitor will disarm and reset.

3. If the monitor doesn't detect movement in the allotted time it will send a signal to the Pager or SignWave. The timer is configurable as shown.



Event Setting

The monitor can be coded to light any one of the event symbols on the Pager or SignWave. The diagram below shows the relevant key settings.



Changing the system channel code

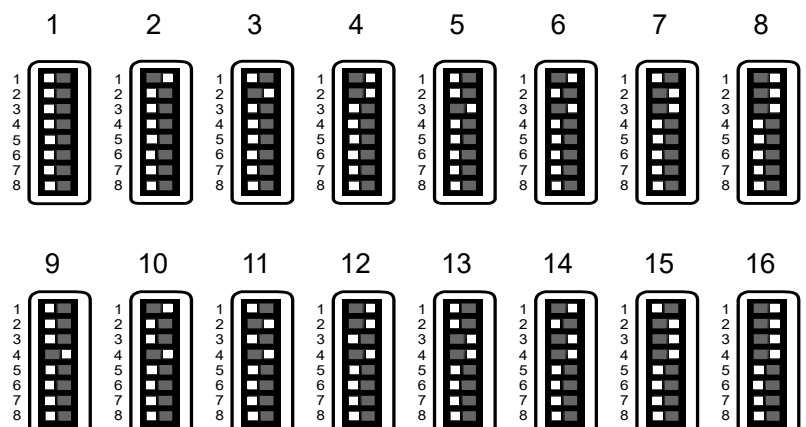
NOTE: In most cases it is not necessary to change the system code. However, when one or more systems are in close proximity, system codes can be used to avoid interference from other SA3000 systems using up to a maximum of 16 channels.

The monitor is supplied with no system code switches set (system code 1). For reference this is the factory setting should you need to re-set the unit.

System codes can be set using key switches 1 - 4.

The diagram to the right shows the 16 possible combinations.

Be sure that the same system code is set on the receiver to be used and any other monitoring options in that system.



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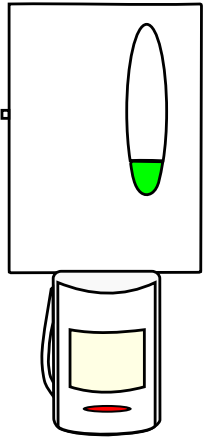


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Disarm Alerts

It is now possible to disarm the PIR sensor and audio monitoring feature when not required.

1.



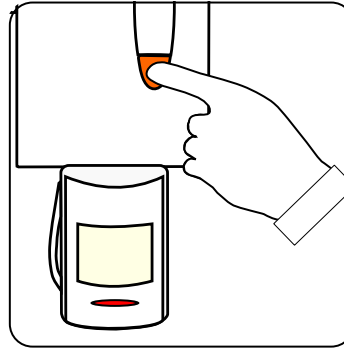
Transmit the unit by either:

1. Triggering the PIR
2. Triggering the sound detection
3. Pressing the test button

The test button will briefly light green and a signal will be sent to the Pager or SignWave.

2.

Disarm the sensors

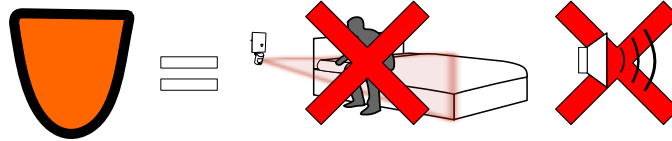


Within 10 seconds after the unit has transmitted press and hold the test button until it lights solid orange.

This shows the unit is now disabled. It will no longer respond to any movement or sound until it is rearmed.

3.

WARNING

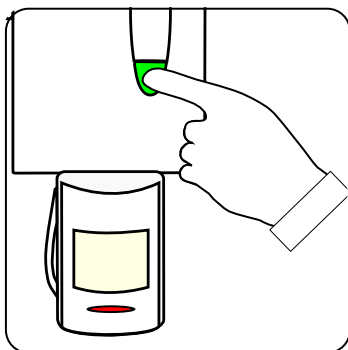


Whilst the test button is lit solid orange the monitor will **NOT** alert the user to an event. It is important to remember to rearm the monitor when required.

Rearm the sensors

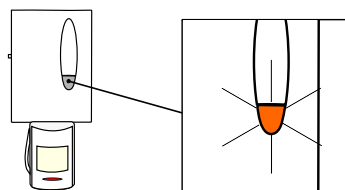
1.

Press and hold the test button. It will light green briefly and the PIR will reset.



2.

The test button will flash amber for up to 30 seconds whilst the movement sensor stabilises. This is normal.



3.

When the key light goes out the monitor is armed and ready to go.

