Quick start guide UM3A-2212-EU-MIC
Universal Monitor with External Microphone
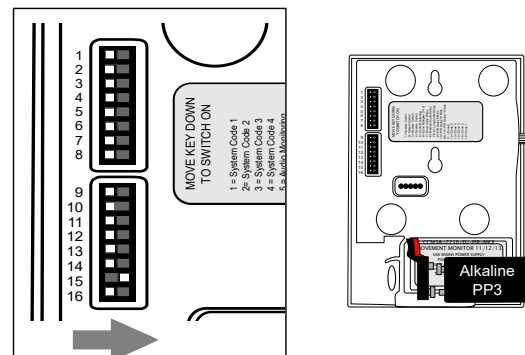
Silent Alert™
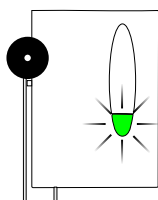
Standard operation

Configuration switches

Audio spindle

Test button

PP3 battery clip

Power supply socket

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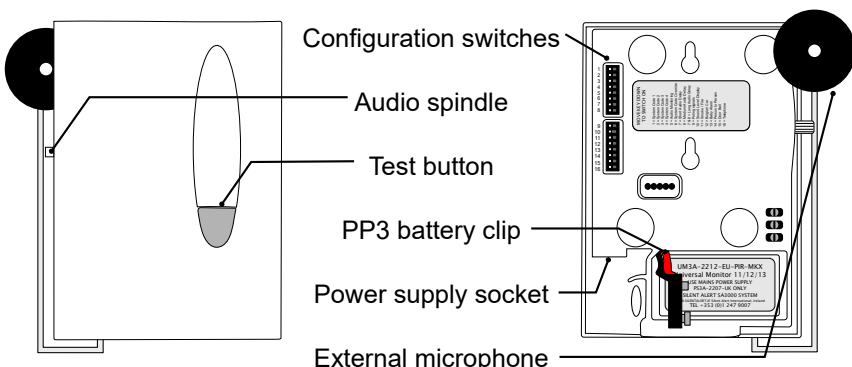
1. Move Key 15 to the right. Connect a 9V Alkaline PP3 to the battery clip.
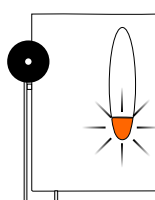
Alkaline PP3

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

Check the desired signal is received by the Pager or SignWave and fix in place using the screw kit or Velcro provided

3. An Alkaline PP3 battery should last one year. Low battery signals will be sent to your Pager or SignWave when the battery needs replacing.
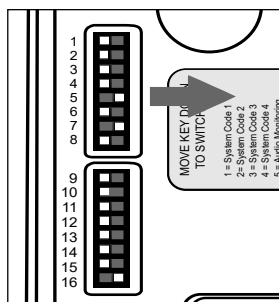
The test button will also shine orange to show the status of the battery.

Only use Alkaline or Lithium PP3 batteries as cheaper alternatives will not last as long.
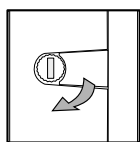
Sound activation

Ideal for monitoring door entry phones or wireless door chimes. Audio trigger delays can be used to reduce false alarms from transient noise (door slams etc).
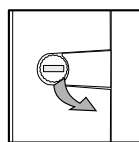
1. Move keys 5 & 7 to the right.

2. Turn the spindle on the side of the monitor half a turn clockwise until the slot is horizontal.
Place the microphone near the sound source you with to monitor.
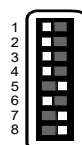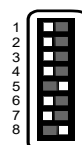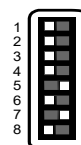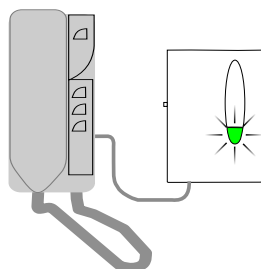
More sensitive

Less sensitive

3. The test button will light amber when a sound is detected and change to green once it exceeds the delay.
Switches 7 & 8 alter the delay period.

short   medium   long

4. Place the microphone close to the sound source (shown here behind a door entry phone).

Activate the phone/alarm and check the monitor triggers.

See step 3 if a trigger delay is needed. This can help eliminate false triggers in noisy environments.

5. We do not recommend using this device for monitoring normal telephone or smoke alarms as dedicated telephone and combined smoke alarm units are available in the SA3000 range.
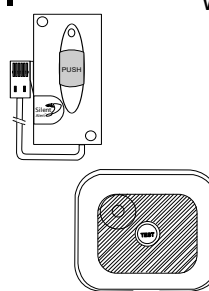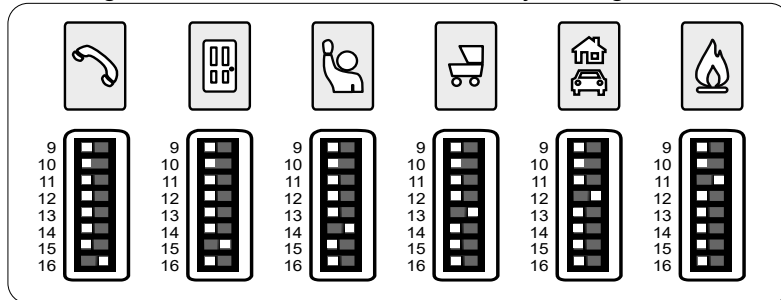
Event Setting

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.

4. The input terminals can be used to connect to doorbells, door entry phones, fire, burglar & car alarms.

3A-2212-EU-PIR-MKX
ersal Monitor 11/12/13
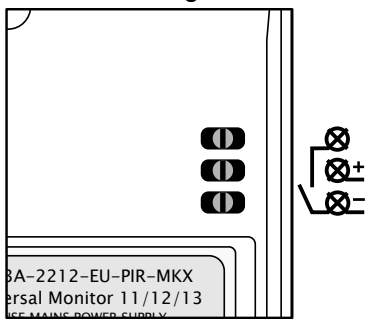
5. **Short Circuit triggering**
A short applied across the top and bottom terminal will trigger the unit.
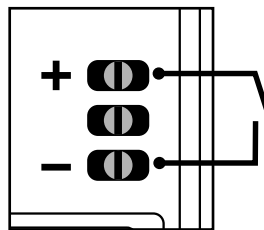
6. **Voltage triggering**
A voltage applied across terminals 1 & 2 will also trigger the unit. Both AC and DC voltages from 5 - 30 Volts will activate the unit.
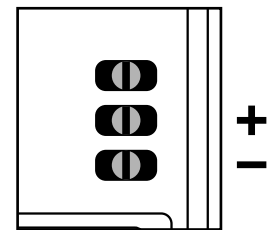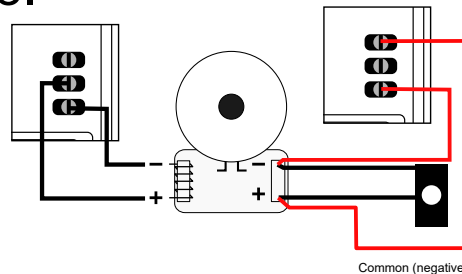

7. **WARNING**

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

8.

Common (negative) to terminal one

Wiring example

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

When wiring parallel across a bell push use the short circuit input.

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

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.