

# Quick start guide MM4A-2212-EU

## Mini Monitor



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

### Standard operation

Screw cap  
Status light  
Test button  
Configuration switch Cover  
PP3 battery contacts  
Screw cap  
Input terminals  
Configuration switches shown with cover removed. Do not alter these without referring to page 2

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

When a battery is first fitted the indicator light will flash red then green a few times.

The light will then flash green several times to show the battery voltage.  
9 flashes = 9Volts in the battery.

If the light flashes red at this point the battery is flat and will need to be replaced.

To repeat the battery check remove the battery, press the test button then re-insert the battery to start the sequence again.

2.

Remove the screw caps & Secure the monitor to the door frame or adjacent wall using the screws provided.

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

3.

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.

### Short circuit trigger / bell push replacement

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

2.

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.

3.

The monitor will now trigger the door chime and send a signal to the Pager or SignWave each time the button is pressed.

### 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.

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

(5 - 30V AC/DC)

**Wiring example**

When wiring across a coil or similar,

Common (negative) to terminal one

**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

# Advanced settings MM4A-2212-EU

## Mini Monitor



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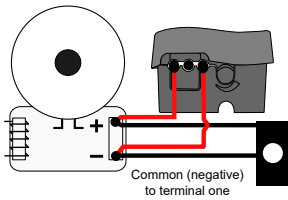
Trigger by short circuit.

### WARNING

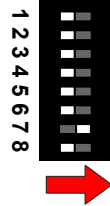
DO NOT apply mains power or any voltage in excess of 30 Volts as damage will result.

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

1. When wiring parallel across a bell push, connect as shown using a suitable length of twin core low voltage cable.

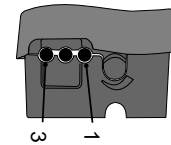


2. Move control key 7 to the right.



Connect to terminals 1 & 3 on the monitor securing with the locking screws.

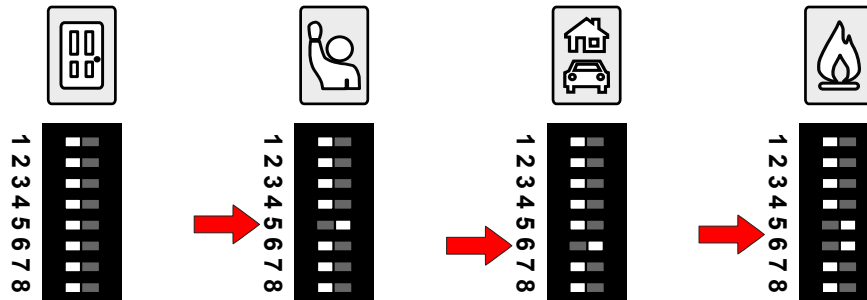
3. Make sure the common (negative) wire on the bell push is connected to terminal 1 to avoid false triggering.



It is possible for the monitor to light up different keys on the Pager or SignWave. This allows more than one mini monitor to be used on a SA3000 system.

Move the relevant key to the right.

Press the test button and check the correct event is received by the Pager or SignWave



## 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.

