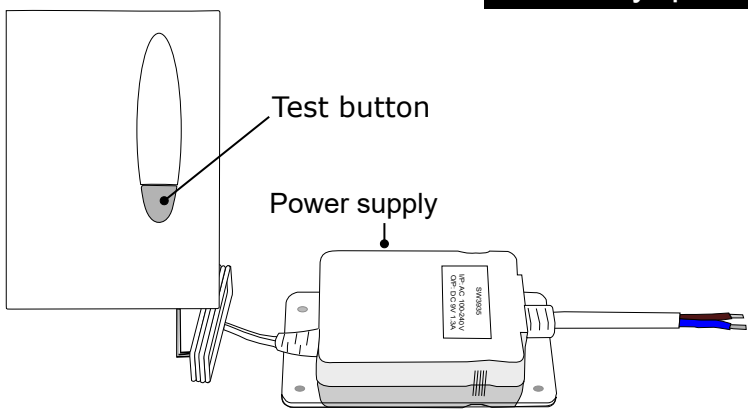
Quick start guide UM3A-2212-EU-PSU

Smoke / Carbon Monoxide Monitor with inline PSU

Silent Alert™

Any questions? Call us on 01246 450789

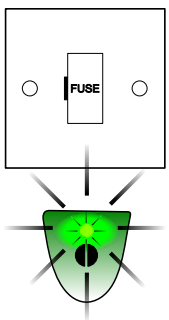


WARNING
This product should only be installed by a suitably qualified person.
Clofield take no responsibility for damage caused by incorrect fitting.

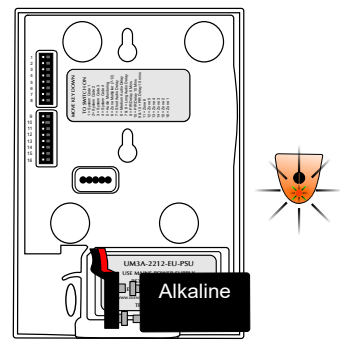
This monitor will send a fire signal by default.

It can be configured to transmit a Carbon Monoxide signal (see reverse).

1. Power the unit.



- Connect the power supply to a 13 Amp fused spur.
- Connect a PP3 battery to the unit then power the unit by switching the mains on.
- The test button will light green/yellow, this is normal.



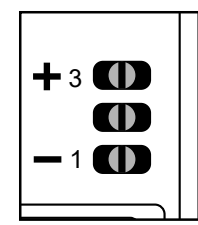
NOTE: if this is done in reverse order a low battery signal will be sent out and the test/send button will shine orange instead of green for up to 9 hours. Switch the mains off, remove the battery and reset the unit using the procedure in step 1.

2. Interconnect smoke / heat / Carbon Monoxide connection

LOW VOLTAGE

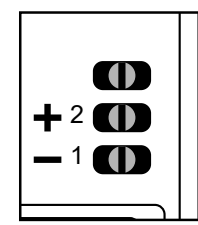
Volt-free relay / short circuit activation
The UM3A-2212-EU-PSU should ideally be connected to interconnected smoke alarms via a normally open volt-free relay using terminals 1 & 3 as shown.

Low voltage activation
Link the Monitor via terminals 1 & 2 (middle and bottom terminals). Link the LOW VOLTAGE Interlink Terminal within the device to terminal 2 (middle terminal) on the monitor and the Neutral terminal within the alarm to Terminal 1 (bottom terminal) on the Monitor.



Activate the alarm system, this will cause the monitor to transmit a radio signal and the green light on the front of the unit will go out momentarily.

Test the unit in position then fasten to the wall with the screw kit provided.



PLEASE NOTE.
THIS PRODUCT **DOES NOT** COMPLY WITH BS5839-1 2002. HOWEVER, THE FIRE SAFE INTERFACE PANEL, ALSO AVAILABLE FROM CLOFIELD LTD (PART NUMBER FSTX-2225-EU) DOES.

WARNING. DO NOT APPLY MAINS VOLTAGE TO THE UNIT AS THIS WILL CAUSE IRREVOCABLE DAMAGE, CAUSE INJURY AND CREATE A FIRE HAZARD.

0-3

WARNING! Your device and its accessories are not toys.
They may contain small parts. Keep them out of the reach of small children.

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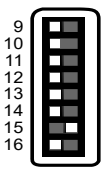
Additional Settings

The monitor can be coded to light the Fire symbol red or blue on the Pager or SignWave.
The diagram below shows the relevant key settings.

Co Signal

The Universal Monitor can also send a CO signal if required.

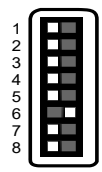


Switch key 15 to the right .

The monitor will now transmit a CO signal when triggered and will light the Fire key blue on the receiver.

System Channel override

Switch 6 acts as a system channel override. This can be useful when a number of systems are being used in close proximity and are on different system codes, so as not to interfere with each other.



An example would be a multi occupancy building where two or more users have systems alerting them of their doorbell, telephone and smoke alarm in self contained flats.

The UM3A-2212-EU-PSU can be linked into smoke alarms in communal areas . Setting key 6 will ensure all systems respond when the Universal Monitor triggers as the signal will override all system channels.

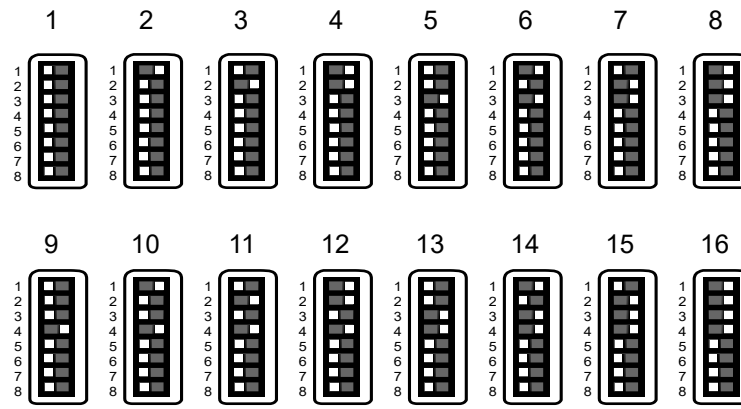
Changing the system channel code

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.



Do not disassemble.

Do not immerse the Monitor in water or any other liquid.

Silent Alert SA3000 system
Operating Frequency: **869MHz**
Output power: **<10mW**
Hereby, Clofield Ltd declares this radio equipment is in compliance with Directive 2014/53/EU.
The full text of the EU declaration can be found at www.silent-alert.co.uk

PLEASE NOTE.

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Advanced Settings

The Monitor can be configured to poll every 5 minutes where radio integrity checking is required.

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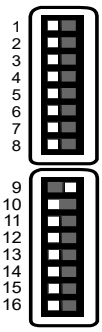
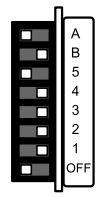
Polling signal



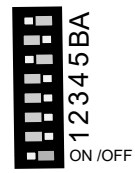
Switch key 9 to the right. The unit will now send a polling signal every 5 minutes.

Receiver configuration for polling (radio integrity check)

Pager



SignWave

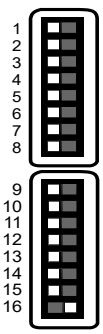


Configure the Pager or SignWave as shown (switch **keys 5 & A** on to the left).
The Smoke symbol will flash red every seven seconds to show the receiver is monitoring for radio integrity.

If the Pager or SignWave doesn't receive a signal within 5 minutes it will flash all lights and alarm 5 times.

This will continue every 5 minutes until a valid polling signal is received.

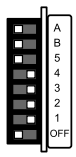
Range Test mode



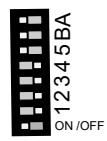
To perform a range test mode switch key 16 to the right.

On the receiver, switch keys 5, A & B on to the left.

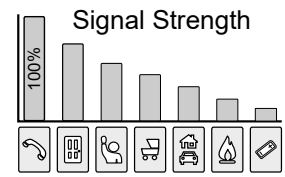
Pager



SignWave



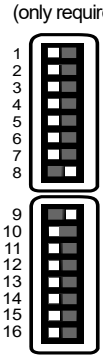
The monitor will send a signal every 5 seconds. The receiver will display the signal strength by lighting a symbol on the receiver.



Walk around the area you need to cover to ensure total site coverage. The battery key represents the lowest point at which the signal strength is reliable.

Radio Interlace

(only required if 2 or more Universal Monitors are used)



If two or more monitors in close proximity are configured to polling mode a transmission delay on one monitor is required.

Switch key 8 to the right on **one** of the monitors.

When the unit is triggered there will now be a three second delay before it transmits.