

The key to independent living...

Fire Alarm paging systems for people who are deaf



Fire Safe System

For deaf and hard of hearing people



Product Data Sheet



Designed & Manufactured in the UK

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FSTX-2225-EU Fire Safe Interface

The Fire Safe Interface provides early warning of fire to Deaf and Hard of hearing people, who live, work or socialise in buildings where a commercial type BS: 5839-1 fire warning system is installed

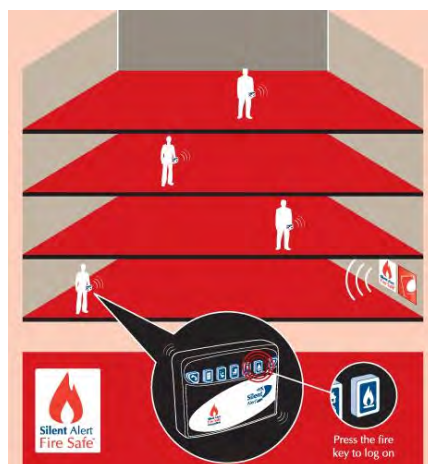
The Fire Safe panel is designed to comply with all relevant parts of BS: 5839-1 2002, and links to the buildings existing fire alarm main panel via a volt free relay. The integral radio transmitter gives a range of up to 1000 metres in open air, with good coverage in all types of building construction

By simply linking the Fire Safe interface panel into the existing fire warning system, Deaf and Hard of Hearing people are able to receive notification on their personal Pager or SignWave Portable Receiver of activation of the building's main fire alarm.



With the benefit of Multi-alerting, Fire Safe users will still be able to receive information from other Monitors in the Silent Alert range, such as doorbell, telephone, baby alarm and door entry systems, making Fire Safe ideal where other agencies such as Social Services are working to support people with sensory loss in their own homes; and where companies are aiming to meet their responsibilities under the DDA and current Fire Safety legislation.

Fire Safe offers Building Managers and Alarm installers a simple, inexpensive and effective system that is easy to install and inexpensive to maintain.



- Compliant with BS: 5839-1
- Mains powered with battery back-up to BS: 5839-1
- Suitable for all types of fire warning systems
- Low cost installation and maintenance
- Radio Licence Exempt
- Signal override broadcast to alert multiple receivers
- Positive confirmation of log-on when entering building
- Log-off reminder when leaving building area.
- Fully compatible with Silent Alert home paging systems
- 1 year warranty
- Operating range in open air approximately 1000m

Radio Coverage Test

Due to the wide variety of size and types of building and the materials encountered in both modern and older types of construction, it is always recommended that a preliminary radio coverage test is conducted prior to installation to ensure total coverage throughout a building.

To enable the radio coverage test to be conducted quickly and efficiently, the Radio Range Test Kit has been developed.

The Range Test Kit consists of a specially adapted Universal Monitor to transmit a regular range test signal and a Fire Safe pager configured to measure the signal strength at any specific point in the building.

Using the Range Test Kit, is it a simple procedure to walk the building and measure the signal strength at any given point. By moving the Test Kit Transmitter position about the building, it is possible to select the most suitable location to install the Fire Safe interface panel where the signal strength is least compromised by any structural components of the building.



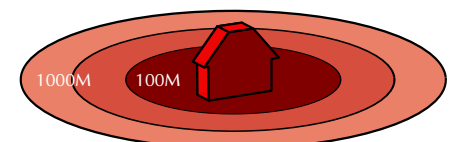
As the Range Test Kit is small, compact, and silent in operation, one person can easily carry out a site survey with minimal disturbance to the occupiers of the building.

Typical application

A typical modern two story office building of up to 2000 square mtrs would usually only require a single Fire Safe panel; whereas a building of five floors on the same building footprint would, in most cases, require one additional panel, with both panels being positioned on intermediate floors.

Using the Radio Test kit, the assessor will be able to determine first of all, the potential coverage provided by a single Fire Safe interface panel; and should a second panel be required, the most appropriate location for both panels to maximise the Radio coverage.

Operating Range



The Silent Alert Fire Safe System alerts people who are deaf when a fire alarm is activated; it comprises a Fire Alarm Interface panel and one or more vibrating pager units. The Fire Alarm Interface links to a fire alarm panel via a volt free relay and incorporates a radio transmitter. When the fire alarm is activated the transmitter within the Fire Alarm Interface sends out a coded radio signal. When a Pager receives this signal it vibrates and lights a fire key on the pager display. The system has been designed to comply with all relevant parts of BS5839-1 2002.

Fire Safe Interface Panel

Part Number: FSTX-2225-EU

Dimensions: H300mm x W240mm x D100mm

Weight: Without Battery 1.90 KG - With battery 4.5KG

Material: Polycarbonate self-extinguishing enclosure.

Protection: Water Resistant

Power Supply: 240v AC

Battery backup: 12volt lead acid 7Ah (Yuasa Type NP7-12) Dimensions H100mmxW150mmxD65mm

Alarm Panel feed to Fire Safe Panel: Normal condition 5-30 Volts DC. Grounded in alarm mode.

Fault signal to Fire Panel: Via a normally open volt free relay.

Fault conditions: Mains failure, battery removal or charge failure, main PCB failure, radio failure Radio

Compliance: In accordance with EN300 220-1 & EN54-25:2008.

Radio Licence: Licence Exempt

Range: Up to 1000m in open air

Pager Unit

Part Number: PG3A-2204-EU MK III

Dimensions: H63mm x W82mm x D26mm (Excluding belt clip)

Weight: 74gms

Material: ABS impact resistant plastic.

Power Supply: Integral NiMH 6Volt rechargeable battery pack.

Charger: Intelligent boost, trickle and maintenance charging. Fault conditions: Low battery & radio failure.

Radio Compliance: In accordance with EN300 220-1 & EN54-25:2008.

Radio Licence: Licence Exempt.

Range: Up to 1000m in open air.

Other: Integral field strength / data validation meter for system commissioning.

PG3A-2204-EU Pager Unit

PG3A-2204-EU-Y Pager Unit (Yellow)

Lightweight & discreet, this fully portable Pager unit with internal rechargeable battery is worn by the user on the belt, in a pocket or by using the neck cord supplied.

The unit works with both the Clock and Trickle charger options and will provide 24 hour response to notification from the full range of Silent Alert monitors.



Alert Options include

Telephone	Doorbell	Door Entry
Person to Person	Baby Alarm	Car Alarm
Burglar Alarm	Smoke Alarm	Fire Alarm
Carbon Monoxide	Door Monitor	Chair Leaving
Movement Monitor	Fall Alarm	Low Monitor Battery



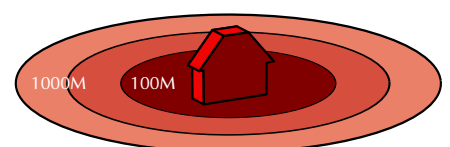
The unique Surekey™ feature, together with a different vibration pattern for each event, makes the pager fully accessible to the Deaf/Blind user. High colour contrast coupled with Braille, Moon or raised text adjacent to each key ensures easy access to this multi event system.

When used in conjunction with the Fire Safe™ and Mini Fire Safe™ systems, the pager will enable the user to be notified of activation of Fire Alarm systems in Residential and Commercial accommodation and in the Workplace so meeting the requirements of the need to ensure equal safety provision for the Deaf, Deaf/blind and Hard of hearing.

- Lightweight and discreet
- Clear backlit display with integral symbols
- Unique vibration patterns for each event
- Surekey™ feature enables cancelation of the active key with a visual reminder prompt.
- Braille labelling adjacent to each key for visually impaired users
- Available in blue or bright yellow
- Integral battery level display
- Last event recall
- Long range option extends the open air range from 100m to around 1000m
- Fire Safe compatible
- Monitor 'low battery' notification
- 1 year warranty



Operating Range



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SW3A-2208-EU SignWave Portable Sounder Flasher

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

Alert Options include

Telephone	Doorbell	Door Entry
Person to Person	Baby Alarm	Car Alarm
Burglar Alarm	Smoke Alarm	Fire Alarm
Carbon Monoxide	Door Monitor	Chair Leaving
Movement Monitor	Fall Alarm	Low Monitor Battery

Each event has a unique sound to help the user to identify the different alerts. A volume and frequency setting can be altered to suit the individual's needs.

Once the SignWave is placed in its bedside charger base, an optional vibrating pillow pad will operate to help wake the user if a signal is received during the night.



- Unique sound for each event
- Simple event display
- Ergonomic design making it easy to pick up and dock
- Large cancel button
- Volume control
- Two frequency settings
- Smoke alarm override
- Options to cancel strobe & or Sound
- Pillow Pad option
- Integral power cord and Pillow Pad locking mechanism
- Mains failure backup
- Long range option extends the open air range from 100m to approximately 1000m
- Fire Safe compatible
- 1 year warranty

Operating Range

