



CHRIS OGDEN

Managing Director
Sensotec Fire Systems Ltd.



Sensotec fire SYSTEMS

Sensotec Europe is well known for it's leading range of Firex residential and light commercial Smoke and Heat Alarms. At the forefront of systems innovation with products such as Microfire and Easyfire, Sensotec Fire Systems Ltd offers a full range of Fire Detection Solutions, from single station smoke alarms to multiple loop analogue addressable systems.

Chris Ogden manages this division within Sensotec Holdings plc, bringing a wealth of experience of Fire Detection Products and applications. Chris is supported by the Technical Services Department and is able to offer design assistance and a full helpline service via phone/fax/ e-mail enabling speedy solutions to site queries.

Sensotec products are all built to comply with the relevant British Standards. Our commitment to quality is demonstrated by our ISO 9001 accreditation and our Corporate membership of the British Fire Protection Systems Association.

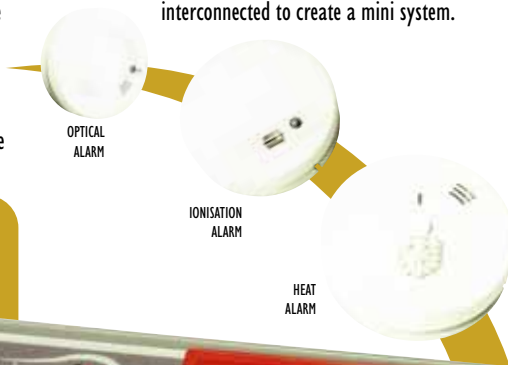
microfire SMOKE ALARM CONTROLLER

ULTIMATE SOLUTION FOR LOW COST FIRE ALARM SYSTEMS

Microfire is a miniature control panel which connects with Firex smoke and heat alarms together with manual call points creating a uniquely flexible range of mini systems.

Microfire has been designed to comply with the guidance indicated in BS5839 Part 6 2004 for Grade C systems. It provides a superior and safer solution because of its distributed mains and secondary power supplies and monitored call point circuit. Cable failure between smoke

and heat alarms will still leave these units in operating condition greatly enhancing life and property safety. Up to 20 Firex smoke and heat alarms, together with an unlimited number of Microfire Call Points, may be interconnected to create a mini system.



Designed for:-

- Site cabins
- Village halls
- Houses in multiple occupation
- Certain sheltered accommodation
- Small commercial applications
- Small industrial applications
- Private and rented housing
- All smoke alarm applications where greater control is required



MICROFIRE CENTRAL CONTROLLER



CALL POINT



THE SPECIFIERS CHOICE

Up to 20 Firex smoke or heat alarms, 230V with battery back-up, can be controlled by Microfire which can be installed anywhere within the circuit in a similar manner to the smoke alarms using a 3 core house wiring cable (6243Y).

Any number of Microfire manual call points can be connected directly to the Microfire Controller via a separate dedicated, monitored circuit.

Microfire Systems are intended to protect buildings up to the size of a normal single zone fire alarm installation, beyond this we would recommend the use of Sensotec conventional or intelligent fire alarm systems.

The Microfire Controller incorporates a break glass call point and a sounder producing 85dBa at 3 metres utilising the latest temporal sound pattern. It is software driven and based around a programmable intelligent controller (PIC) which provides and controls all the software functions of the system. It features two levels of access to the controls:

Level 1 - no code required - allows building occupiers to test lamps and mute the fault buzzer to avoid disturbance, for example, during a prolonged power cut. No other controls are functional at this level.

Level 2 - digital access code required - allows authorised personnel to locate alarms by silencing all sounders except the initiating alarm, system reset and evacuate.

All controls are tactile switches behind a high-grade attractively designed membrane fascia that also incorporates high brightness LED windows for instant recognition of fire, fault and quiescent signals.

Optional voltage free relay volt free contacts allow integration with ancillary equipment such as security systems, warden call systems, digital communicators etc.

OPTIONS:-

Microfire GGP Grey Controller with break glass call point.

Add suffix /R for voltage free relay version.

Microfire GCP Additional break glass call point.

The operation of a smoke/heat alarm or call point will cause all interlinked units to sound together with the internal sounder in the Microfire Controller.

The initiating smoke or heat alarm can easily be audibly located by anyone with access level 2 control or by viewing the individual LED indicators. Call point initiation is indicated at the panel by a separate red LED. The call point can then be located by inspecting the state of the glass.

Specification Elements:-

- Built in call point
- Fault indicator
- Alarm type indicator
- Audible alarm locator
- Alarm reset
- Distributed power
- Temporal alarm sounder
- 6 year guarantee
- Mains failure back-up power
- Interconnectable
- up to 20 detector heads
- Unlimited call points
- Optional voltage free relay contacts



Key:

- | | | | |
|-------------------|--|------------------------|--|
| Manual Call Point | | Ionisation Smoke Alarm | |
| Heat Alarm | | Optical Smoke Alarm | |

CONNECTIONS

The first smoke alarm or the controller should be connected to the AC supply via a lockable switch fuse rated at 5amps and clearly indicated "Fire Alarm System - Do Not Switch Off".

The controller can be installed anywhere in the smoke/heat alarm circuit and the devices can be wired in star or parallel circuits. Any additional manual call points required are connected to the dedicated and monitored circuit. Recommended cable sizes for all circuits are 1mm² or 1.5mm². The distributed power between the controller and the smoke and heat alarms ensures that individual components of the system maintain their integrity in the event of cable failure. The break glass circuit is monitored against open circuit fault. While fire survival cables will improve the overall specification integrity smoke alarms are generally installed utilising standard 6242Y and 6243Y PVC insulated and sheathed cables.

Controllers - For use with Firex 230v smoke & heat alarms for installations to BS5839: PART6 : GRADE C.

UP TO 36NO. Firex interconnected alarms and an unlimited number of call points can be added.

Microfire PPI Microfire Professional Pack with 1 x controller inc. call point, 1 x remote surface call point, 3 x 4973 optical smoke alarms, 1 x 4899 heat alarm 4 x 4890 wiring bases and all standby batteries.

Microfire GGP Microfire controller with break glass call point (Grey). (includes 1 x U9VL-J battery

Microfire GGP/R Microfire controller with break glass call point (Grey) with VF relay. (includes 1 x U9VL-J Battery
U9VL-J Ultralife Lithium 9v battery standby supply for Microfire controller

Manual Break Glass Call points - for extending the Microfire system

Microfire GCP Microfire flush mounting manual break glass call point

Microfire GCPBB Back box for GCP manual break glass call point

ALARMS FOR THE MICROFIRE - for installation to BS5839: Part 6: Grade C when used with the Microfire Controller

All Firex 230v alarms with Lithium rechargeable standby supply. 10 year technology

All Firex 230v alarms with Lithium primary standby supply. The Lithium cell offers approx. 10 years standby supply

All Firex 230v alarms with Alkaline primary standby supply. The Alkaline cell offers approx. 4 years standby supply

Trade

£234.65

£115.00

£135.00

£6.99

£13.50

£2.20