



Wire-Free Fire Alarm System



Our wire-free fire alarm system utilises secure, licence-free, radio communications to interconnect the sensors and devices with the controllers. A simple concept, but one that provides many unique benefits. The system is a full analogue addressable fire detection system with a set of features that make it one of the most advanced fire detection systems available - and without the need for cable.

The system provides an attractive and cost effective alternative to traditional wired fire alarm systems for all applications.

The range consists of a wide range of controller options, sensors and ancillary devices that integrate together by radio to provide full analogue addressable fire detection without the need for interconnecting cable. All sensors and devices are powered with a typical 5 year life energy pack and are routinely monitored for correct operation and sensor contamination.

The sensors and devices communicate with the controllers using secure, fully compliant, dual frequency signalling that eliminates false alarms due to external radio interference.

Sensor Features

Our range of analogue addressable fire sensors are based on the industry standard devices. The sensors have no visible aerials and are low profile, aesthetically pleasing designs. Providing reliable fire detection solutions for most applications the comprehensive sensor range includes:

- Multi-sensor, combining both smoke and heat
- Optical smoke
- Heat
- Combined sensor/base sounder, available with either smoke, heat or multi-sensor heads, including 1st stage audible alert



Controller Features

The controllers are available in 4, 12, 24 and 96 zone versions. Meeting the requirements of BS5839 part 4 and EN54/2, each controller has an easy to read display and simple to use controls. All controllers can be fully networked either by radio or hard-wire and their features include:

- 252 radio devices per controller
- Repeater panel facility
- Simple menu driven user interface with zonal LEDs
- Full configuration and cause-effect programming by PC
- Optional thermal printer
- Remote programming and diagnostic checking via modem
- Extensive I/O capability



System Ancillaries

The system is supported by a complete range of fully monitored field based ancillaries. All field devices are powered with a typical 5 year life energy pack. The ancillary range includes:

- Addressable call-point
- Electronic sounder
- Voice sounder - pre-recorded voice messages in addition to alarm tone
- Audio evacuation module - manual intervention, voice messages with public address facility and alarm tones
- Strobe beacon
- Combined sounder/strobe
- Addressable I/O unit
- Addressable remote sounder module
- Radio range extenders (transponders)



For more information on this extensive range, call the sales team now.