
sita 200 plus

ADDRESSABLE INTELLIGENT DETECTION SYSTEM

200 detectors and 200 sounders on a **single loop!**

The unique **Multipoint** detector can now work as part of an advanced addressable fire detection and alarm system offering the best performance and reliability currently available. The system has been designed to high specification and quality standards and is intended to fully comply with the new EN54-2 and EN54-4 standards and EU directives.



FEATURES

- **LOOP LENGTH UP TO 2KM LONG WITH SPURS**
- **FAST SHORT CIRCUIT ISOLATOR IN EVERY DEVICE**
- **VERY LOW CURRENT CONSUMPTION**
- **DIGITAL COMMUNICATION WITH HIGH POWER TRANSFER**
- **CAN BE PRECONFIGURED BY A PC OR FROM THE KEYPAD ON SITE**
- **15 COMBINATIONS OF SMOKE & HEAT DETECTION MODES**
- **7 SOUND PATTERNS & OFF, 3 DIFFERENT VOLUME SETTINGS**
- **AUXILIARY DIGITAL INPUTS AND OUTPUTS ARE AVAILABLE AT ANY ADDRESSABLE MULTIPOINT DEVICE**
- **CONTROL PANEL HAS 32 ZONAL DISPLAYS FOR FIRE INDICATION**
- **EVENT LOG – 255 FIRE & FAULT EVENTS**
- **REPEATER UNITS AVAILABLE – CONNECTED ON A BIDIRECTINAL SERIAL LINK**
- **32 PROGRAMMABLE ALARM SECTORS**
- **MULTISTAGE ALARMS – PRE ALARM FEATURE**
- **SIMPLE COMMISSIONING PROCEDURE TO ZONE AND PERSONALISE DEVICES**
- **AUTOMATIC CONTINUOUS SELF CALIBRATION**
- **ADDRESSABLE MULTIPOINT DETECTOR IS MONITORED FOR ALL FAILURES OF SENSOR CHAMBER – WARNING IS INDICATED WHEN A SMOKE DETECTOR HEAD REQUIRES SERVICING**
- **CONTROL PANEL HAS INTEGRAL POWER SUPPLY WITH INTELLIGENT BATTERY MANAGEMENT**
- **ZONES 17 TO 32 MAY BE ASSIGNED AS AUXILIARY ZONES**
- **MAINTENANCE IS MADE EASY WITH THE UNIQUE DISPOSEABLE OPTICAL CHAMBER, DESIGNED AS A COSTE EFFECTIVE SOLUTION TO CLEANING AND RE-CALIBRATION**

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With the Sita 200 plus system a high technology approach has been adopted, with a microcomputer in each device implementing a large degree of distributed intelligence. The system can support 200 Multipoint combined detector/sounders on a single loop. Each one not only provides detection, but also a built in sounder with up to 92 dBA alarm. Integrity of the system is maintained by way of an isolator in each device. Sita system intelligence has been harnessed in such a way that equipment used is very easy to install, commission and maintain.



CONTROL PANEL FEATURES

- 32 zonal displays for fire
- Individual device labels display fire and fault, and maybe pre-configured or entered during commissioning by keypad or via connected PC
- Backlit LCD permitting the display of individual device labels
- User configurable inputs and outputs to meet international standards
- Integral power supply with intelligent battery management
- Repeat units connected on a bi-directional serial data link

ADDRESSABLE Multipoint FEATURES

- Built in dedicated microprocessor
- Optical scatter smoke detector and Heat detector
- Built in isolator
- Automatic continuous calibration
- Choice of up to 15 combinations of smoke and heat detection programmable at detector or via PC
- Detector fault monitored for all failure modes of sensor chamber. Warnings indicated when smoke detector heads require service
- Inputs and outputs available at any addressable Multipoint



All of this *and* a **full specification sounder all in one compact unit**. The integral sounder is capable of 92 dBA at 1 meter and can be set to three different volume settings. Maintenance is made easy with the unique **disposeable optical chamber**, designed as a cost effective solution to the cleaning and recalibration of detectors.

THE MOST COST EFFECTIVE SYSTEM ON THE MARKET

