

# ZETA FIRE ALARM ADDRESSABLE SYSTEM



complex etc.

The Quatro control panel is designed, manufactured and tested to fully meet the requirements of EN54 part 2 and part 4.

This panel is of a modular nature and can be supplied in 1, 2, 3, and 4 loop versions.

A specially designed Quatro Configuration software is available for configuring the panel or multi-panels and can be downloaded to the system via USB connection.

Up to 32 panels/repeaters can be networked over 10,000m of data cable and a special alarm management system can provide all needs for very large projects such as university campus, hospital



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A specially designed Quatro Configuration software is available for configuring the panel or multi-panels and can be downloaded to the system via USB connection.

Up to 32 panels/repeaters can be networked over 10,000m of data cable and a special alarm management system can provide all needs for very large projects such as university campus, hospital complex etc.



The Quatro Addressable system now has a specialised repeater that has been designed to work with a touch screen interface. It has the ability to mimic the Quatro panel's fire and fault messages, and display its location on a site map or graphic of your choice.

There are 4 virtual keys that can be used to Start Sounders, Stop Sounders, Silence Buzzer and Reset. Another unique feature is that the repeater can be connected to the internet via its Ethernet RJ45 port, which gives it the ability to send messages via email to users and engineers, alerting them when there is an alarm or fault. It is

easy to setup and install, and requires no desktop or laptop computers to run. Simply connect it to a touchscreen monitor via HDMI, power it with a micro USB cable, and connect to the QT-NC Modbus port and you're ready to go.



The **SmartConnect** is a fully featured single loop addressable fire alarm panel with a user friendly 4.3 inch touchscreen display and remote monitoring via a desktop PC or smartphone via the cloud.

The **panel** is housed in an attractive, modern designed, flame, retardant ABS enclosure, utilising a switch mode power supply and has a fully removable front cover which improves ease of access for cable installations. Up to 16 panels can be networked (pier to pier) with no additional network cards.



#### **MKII ADDRESSABLE SMOKE DETECTORS**

The Fyreye MKII optical smoke detector (MKII-AOP) uses a pulsing IR LED & photodiode to detect IR scatter caused by smoke entering the chamber.

The detector is particularly suitable for detecting optically dense smoke, involving materials such as soft furnishings, PVC, plastic, foam and all similar materials which produce small visible particles. (0.5 to 10 $\mu$ m).



FYRERE MKII Rate of Rise heat detector (MKII-AHR) uses a thermistor arrangement to sense a quick rise in temperature and also a final threshold temperature of 57°C. The Fyreye fixed heat detector (MKII-AHF) has a single thermistor arrangement that gives an alarm at a temperature of 57°C, where the MKII-AHF/CS90 gives an alarm above 86°C.

### MKII Adressable Smoke Detector With Built-In Isolators

The Fyreye MKII optical smoke detector with built-in isolator (MKII-AOPI) uses a pulsing IR LED & photodiode to detect IR scatter by smoke entering the chamber.

The detector is particularly suitable for detecting optically dense smoke, involving materials such as soft furnishings, PVC, plastic, foam and all similar materials which produce small visible particles (0.5 to 10µm)



### ADDRESSABLE REMOTE LED INDICATORS

There are two models for the remote LED Indicator, a wall type MKII-ARL/W and ceiling mounted type (requires a base) MKII-ARC/C.]

Each unit is equipped with 8 LEDs and mimics the detector LED alarm condition.





ZT-CP3/AD



ZT-CP3/WP/AD



ZT-CP3/AD/W

The ZT-CP3/AD and ZT-CP3/WP/AD addressable call points are unique in that they mimic the feel of breaking glass whilst offering the user the benefits and environmental advantages of a re-settable operating element.

Addressing these call points is via an 8 way dip switch on the back of the call point. The design also provides a visual LED indication to confirm alarm activation.

A special Polycarbonate cover (CP3-CV) is available for extra protection against accidental activation and thus allowing the unit to operate as a double action call point. This must be ordered separately.



## Xtratone Addressable Wall Sounder

The Xtratone sounders are small, high output addressable devices which are designed to meet EN54 part 3.

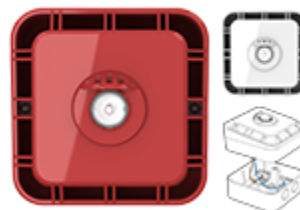
The device is a compact unit that fits a standard European back box and can be either surface or semi-flush mounted.

The Xtratone sounder has been designed so that field cables can be terminated in the back box as a first fix.



## Xtratone Addressable Combined Sounder Beacon

The new Xtratone addressable wall sounder with beacon has been designed to make an "electronics free" first fix and is available in red or white. The beacon has a coverage pattern of W 3.0 - 8.9 and the sounder part has 16 tones selectable at the control panel.



## Raptor Addressable Weatherproof Sounder

The Raptor addressable sounder is a large weatherproof horn sounder suitable for many indoor & outdoor applications.

It is available in red or white and has 16 tones selectable at the control panel. Termination of field wiring is made to the backbox for a clean first fix.



## Raptor Addressable Weatherproof Sounder Beacon

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The Raptor addressable sounder with beacon has a coverage pattern of W 2.9 - 8.5 and the sounder part has 16 tones selectable at the control panel. It has a flash rates between 0.33Hz and 1.5Hz.

It has been designed to make an “electronics free” first fix and is available in red or white.



## Fyreye MKII Addressable Input Module With Isolator

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The ZAI-MI is used to monitor and raise alarm from any ancillary equipment such as sprinkler flow switch, aspiration detectors, secondary fire control panel, beam detectors, external power supplies etc.



## Fyreye MKII Addressable Input/Output Module With Isolator

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The ZAIO-MI is both an input and output module in a modern enclosure (2 gang box size) with well protected electronic circuit board to minimise any damages during installation.



## Fyreye MKII Addressable Sounder Control Module With Isolator

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The ZASC-MI can be used to supply a monitored 24Vdc to operate external relays and as a conventional sounder circuit to run bells or beacon flashers where the current consumption prohibits the use of addressable loop powered devices. The unit also includes input connections to monitor the external power supply status and report the findings to the addressable control panel.



## Fyreye MKII Addressable Zone Monitor Module With Isolator

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The ZAZM-MI is a conventional zone that can be used for conventional devices and/or for special detectors that are not available in addressable form such as UV detectors, Aspiration detectors etc.



## CONVENTIONAL SYSTEM

### Infinity 8, 1-8 Zone Conventional Fire Alarm Panels

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The Infinity8 is housed in an attractive modern enclosure and boasts 4 sounder circuits (4-8 zone versions only), a switch mode power supply and space for up to 3Ah batteries.



### Premier M Plus 8-24 Zone Conventional Fire Alarm Panel & Repeater

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The Premier M Plus control panels are designed to fulfil the requirements of EN54 parts 2 & 4 as well as being easy to install, operate and maintain.

Being of modular construction, the basic M Plus panel has 8 zone capacity, expandable to 16, 20 and 24 zones.

The Premier M Plus is suitable for surface mounting or semi-flush mounting (with just the door protruding).



### Fyreye MKII Conventional Fire Alarm Detectors

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The Fyreye MKII optical smoke detectors use a pulsing IR LED & photodiode to detect IR scatter caused by smoke entering the chamber.

The detector is particularly suitable for detecting optically dense smoke, involving materials such as soft furnishings, PVC, plastic, foam and all similar materials which produce small visible particles (0.5 to 10µm).

The Fyreye Rate of Rise heat detectors (MKII-HR) use a thermistor arrangement to sense a quick rise in temperature and also a final threshold temperature of 57°C. The Fyreye fixed heat detector (MKII-HF) has a single thermistor arrangement that gives an alarm at a temperature of 57°C.

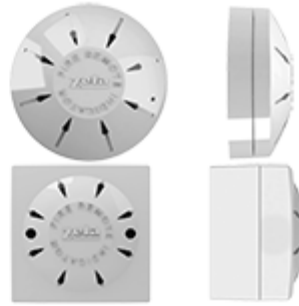


## Fyreye MkII Conventional LED Remote Indicators

There are two models for the Conventional Remote LED Indicator, a wall type MKII-RL/W and ceiling mounted type (requires a base) MKII-RL/C.

Each unit has 2 LEDs that light up to indicate an alarm. It has the 8 LED appearance to keep it's family identity.

The MKII-RL/W is supplied with a backbox for surface mounting. It is also available without backbox for flush mounting.



## Fyreye Conventional UV Flame Detector

The Fyreye ultra-violet flame detector is particularly suited to applications where flames can be expected to develop initially rather than smoke. This is typically due to the nature of the materials being protected for instance camera film, computer, audio & video tapes or disks.

The detector is for indoor use only and should not be exposed to spurious sources of UV, such as sparks, uncovered halogen lights, lightening, etc. as these may trigger a false alarm.

Due to the operational nature of flame detectors it is generally recommended to fit just one detector per zone.



The ZT-CP3 and ZT-CP3/WP call points are unique in that they mimic the feel of breaking glass whilst offering the user the benefits and environmental advantages of a re-settable operating element.

The CP3 uses a simple yet ingenious patented mechanism which consists of a rigid plastic operating element and an over centre spring mechanism. This arrangement provides real action on operation and simulates break glass activation.

An activation indicator drops into view at the top of the window after the CP3 has been operated. The unit is then simply reset with a key and is ready for re-use straight away.

A special Polycarbonate cover (CP3-CV) is available for extra protection against accidental activation and thus allowing the unit to operate as a double action call point. This must be ordered separately.

## Conventional Raptor Weatherproof Combined Sounder Beacon

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The Raptor conventional sounder with beacon has a coverage pattern of W 2.9 - 8.5 and the sounder part has 22 selective tones.

It has been designed to make an “electronics free” first fix and is available in red or white.



### Securetone 2 Conventional Sounder/Beacon

The Securetone 2 is a low consumption sounder designed to be used as an unobtrusive low profile sounder or as a base sounder to be installed in conjunction with a conventional detector. This leads to reduced installation costs and improves the aesthetics of the re alarm system.

Four different tones are available and selected by jumpers. The Sound level can be adjusted if required, using the potentiometer.

The complete range is composed of 3 varieties in both base and wall mounted versions: Beacon, Sounder and combined Sounder/ Beacon. detectors, external power supplies etc.



## Zeta Fire Alarm Bells

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The Zeta motorised fire alarm bells combine styling and functional efficiency. They incorporate a low power rotary centrifugal mechanism, which gives a high sound output with low current consumption at 24V dc.

The bells are available in 2 sizes; 6" (152mm) and 8" (203mm). These sizes suit a wide variety of installations.

There is a 230V ac version of the 6" bell, and a 24V dc Weatherproof version of the 8" bell.

