



## ADDRESSABLE CONTROL AND INDICATING EQUIPMENT



## Addressable Control and Indicating Equipment



### FP 6004 Addressable Control Panel

The FP 6004 analogue addressable control and indicating equipment forms the central part of a fire detection and alarm system. The fully networkable 2-wires FP 6004 is compatible with TRONIC addressable devices and can also be connected to non-addressable devices when used with addressable input modules. Default configuration programming facilitates out-of-box installation and rapid commissioning. A powerful and versatile cause-and-effect PC-based programming tool enables rapid customization with software for sites that require special operating features. The FP 6004 comes standard with features that allows flexibility and expandability.

### Ordering Information

Model No	1 Loop	2 Loop
FP 6004-01	✓	—
FP 6004-02	✓	✓
FP 6004-03	—	✓

\*02 Expandable to 2 loops

### Features

- Single loop, expandable to 2-loops, or 2-loops available
- Networkable, up to 4 panels
- Supports up to 125 addressable devices per loop
- Automatic device detection on start-up
- Automatic device type-code verification
- 2 independently programmable non-addressable sounder output circuits
- 2 programmable relay outputs
- Faulty relay output
- Remote disable and evacuation inputs
- Backlit LCD display providing 4 rows of 40 characters
- 16 zone fire alarm LED indicators
- 3000 event history log
- Rugged metal enclosure in RED

## Addressable Repeater Panel(DC)



### Description

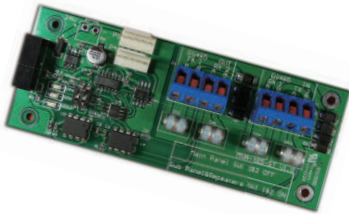
The FP 6002-06 addressable repeater panel and indicating equipment forms the display part of a fire detection and alarm system. The repeater panel is compatible with TRONIC addressable devices and can also be connected to non-addressable devices when used with addressable input modules.

### FP 6002-06 Repeater Panel (DC)

#### Features

- Networkable, up to 4 control panels
- Backlight LCD display providing 4 rows of 40 characters
- 16 zone fire alarm LED indicators
- Attractive designer enclosure available in white
- Recessed mounting
- Easy installation

## Network Interface Card



### Description

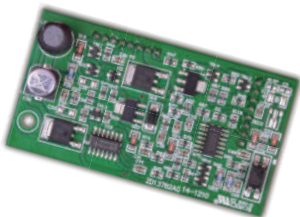
The FP 6001-03 network interface card is used to form a ring network of TRONIC control panels and repeaters. Robust data communications uses separate transmit and receive transmission paths to provide superior reliability. The transmission paths are constantly monitored for fault conditions in the wiring. A single fault will continue to allow network communications.

### FP 6001-06 Repeater Panel (DC)

#### Features

- RS422/RS-485 data communications protocol
- Ring topology
- Monitoring of short- and open-circuit conditions in the transmission path
- Fault-tolerant transmissions allows continuous data communications with a single fault in the transmission path

## Loop expansion Card



### Description

The FP 6001-01 loop expansion card is used with the 6001-05 control panels to add an additional loop, and up to 125 devices to the base panel.

### FP 6002-05 Repeater Panel (DC)

#### Features

- Compatible with FP 6001-05 control panel
- Supports up to 125 devices
- Easy installation and configuration

## Addressable Smoke/Heat Detector



### Description

FP 6000 analogue addressable photoelectric smoke detectors are microprocessor controlled state-of-the-art detectors suitable for connection to TRONIC 2-wire addressable fire detection control and indicating equipment. Advanced electronics in conjunction with a photoelectric smoke sensing chamber and an electronic thermistor provide early detection of fire and high immunity against unwanted alarms. The heat sensor provides sensitive rate-of-rise operation or fixed-temperature operation when the response threshold value is exceeded.

### Ordering Information

MODEL NO	Addressable Smoke Detector	Addressable Heat Detector
FP 6000-03	✓	—
FP 6000-05	—	✓

### FP 6000 Smoke/Heat Detector

#### Features

- Photoelectric smoke and heat sensors
- Analogue detection discrimination
- Dual LEDs for 360° visibility
- 2-wire connection to many popular loop protocols
- DIP switch address setting
- 125 usable detector address settings per Loop
- Optional remote LED output

## Addressable 4/5 Terminal Passive Base



### Description

4/5 terminal bases are used with 2-wire fire detectors that do not include additional features, such as remote indicator or alarm relay outputs.

### 4/5 Terminal Passive Base

#### Features

- Secure mounting to all surfaces
- Flexible mounting pitch
- Low profile
- Cable entry through the rear of the base
- Plated contacts for durable connection to detectors
- Fitted square washer for easy and reliable cable clamping
- Alarm zone circuit continuity models available

## Addressable Manual Call Point



### Description

The FP 6600 manual call points includes a pressure activated displacement element to provide a safe and convenient way for building occupants to manually initiate a fire alarm condition.

Resetting the manual call point is achieved by inserting a key through the underside of the unit to replace the operating face to the quiescent position.

### Ordering Information

MODEL NO	Manual Call Point
FP 6000-01	✓

### FP 6000 Manual Call Point

#### Features

- Pressure activated displacement element provides a safe user experience
- Integral indicator to show polling and alarm activation
- Resettable with simple key operation
- Suitable for indoor use
- Monitors for quiescent, alarm and fault conditions
- DIP switch address setting
- 125 usable detector address settings per loop

## Addressable Audio/Visual Alarm Device



### Description

The FP 6400 addressable audio/visual alarm devices are suitable for connection to 2-wire addressable fire detection and alarm systems.

FP 6400 is loop-powered and activation is initiated by a dedicated initiation message from the control and indicating equipment. Up to 125 devices can be connected to each alarm zone loop

### Ordering Information

MODEL NO	Audio/Visual
FP 6400-04	✓

### FP 6400 Audio/Visual Alarm Device

#### Features

- Visual, audible and audio/visual models available
- Loop-powered from control and indicating equipment
- Operates when a dedicated activation message is received from the control and indicating equipment
- Loud sounder output of 85 dB at 1 m
- Long-life LEDs
- Low quiescent current
- DIP switch address setting



## NON-ADDRESSABLE CONTROL AND INDICATING EQUIPMENT



## Non-Addressable Control and Indicating Equipment



### FP 4003 Non-Addressable Control and Indicating Equipment

The FP 4003 non-addressable control and indicating equipment forms the central part of a fire detection and alarm system. The 2-wire FP 4003 is compatible with TRONIC non-addressable devices. The FP 4003 comes standard with features that allows flexibility and expandability. Default configuration programming facilitates out-of-box installation and rapid commissioning. The FP 4003 control panel provides fire detection and alarm system designers with an economical product for life safety and property protection applications.

### Ordering Information

MODEL NO	2 Detection Zone Circuits	4 Detection Zone Circuits	8 Detection Zone Circuits
FP 4003-01	✓	—	—
FP 4003-02	—	✓	—
FP 4003-03	—	—	✓

### Features

- 2, 4, 8 or 16 detection zones
- Up to 32 non-addressable devices per alarm zone circuit
- Configurable non-latching alarm zones, alarm dependency (zone coincidence detection), and output delay timer
- 3 Access Levels
- Single-person test mode
- Day/night mode
- Manual activation of audio/visual alarm devices
- Supervised auxiliary DC 24 V output
- 2 independently programmable non-addressable A/V alarm output circuits
- 2 programmable Fire Alarm relay outputs
- Fault relay output
- 3 voltage-free inputs for remote reset, evacuation start/stop, and Day/Night mode
- Supports up to 7 Repeater Panels

## Non-Addressable Smoke/Heat Detector



### Description

FP 4030 non-addressable photoelectric smoke/heat detectors are state-of-the-art detectors suitable for connection to 2-wire or 4-wire non-addressable fire detection control and indicating equipment, or to addressable fire detection control and indicating equipment that can accept non-addressable type detectors.

Advanced electronics in conjunction with a photoelectric smoke sensing chamber and an electronic thermistor provide early detection of fire and high immunity against unwanted alarms.

The heat sensor provides sensitive rate-of-rise operation or fixed-temperature operation when the response threshold value is exceeded.

### Ordering Information

MODEL NO	Addressable Smoke Detector	Addressable Heat Detector
FP 4030-06	✓	—
FP 4030-12	—	✓

## FP 6000 Smoke/Heat Detector

### Features

- Photoelectric smoke and heat sensors
- Analogue detection discrimination
- Dual LEDs for 360° visibility
- 2-wire and 4-wire models for DC 12 V and 24 V operation DC
- 4-wire model for DC 48 V operation
- 4-wire models available with a N/O alarm relay output
- 4-wire models available with auto-reset
- 2-wire models available with remote LED output
- Connects to zone monitor for use with addressable control and indicating equipment

## 4/5 Terminal Passive Base



### Description

4/5 terminal bases are used with 2-wire fire detectors that do not include additional features, such as remote indicator or alarm relay outputs.

### 4/5 Terminal Passive Base

#### Features

- Low profile
- Cable entry through the rear of the base
- Plated contacts for durable connection to detectors
- Fitted square washer for easy and reliable cable clamping
- Alarm zone circuit continuity models available

## Non-Addressable Manual Call Point



### Description

The FP 4600 manual call points includes a pressure-activated displacement element to provide a safe and convenient way for building occupants to manually initiate a fire alarm condition.

Resetting the manual call point is achieved by inserting a key through the underside of the unit to replace the operating face to the quiescent position.

### Ordering Information

MODEL NO	Manual Call Point
FP 4600-02	✓

## FP 6000 Manual Call Point

### Features

- Pressure activated displacement element provides a safe user experience
- Integral indicator to show polling and alarm activation
- Resettable with simple key operation
- Suitable for indoor use
- Monitors for quiescent, alarm and fault conditions

## Non-Addressable Audio/Visual Alarm Device



### Description

The FP 4420 audio/visual alarm devices are suitable for connection to 2-wire and 4-wire fire detection and alarm systems. 4420 will operate with both addressable and non-addressable fire detection control and indicating equipment.

Activation is initiated upon connection of the operating voltage, allowing connection to either a switched supply or via an addressable module.

### Ordering Information

MODEL NO	Audio/Visual
FP 4420-01	✓

## FP 6400 Audio/Visual Alarm Device

### Features

- Visual, audible and audio/visual models available
- Operates when the supply voltage is connected to the device
- Compatible with relay outputs from control and indicating equipment, or from an output module connected to addressable alarm circuit wiring
- DC 24 V operation
- Loud sounder output of 85 dB at 1 m
- Long-life LEDs