



TWINFLEX[®]pro²

Smart Two-Wire Fire Alarm System



TWINFLEX[®]pro²

THE RELIABLE FIRE PROTECTION SYSTEM YOU CAN COUNT ON

A conventional Two-wire fire alarm system is often the natural choice for smaller applications or where budget constraints exist.

Fike's TWINFLEXpro² Two-wire fire alarm system has long been known for its adaptability and cost effectiveness within a variety of applications, big or small ...making it one of the most flexible products on the market.

Building on those strengths and designed for ease of use with state-of-the-art monitoring, the LPCB-Approved TWINFLEXpro² is the next generation in Two-wire fire alarm reliability.



THE INNOVATIVE TWINFLEXpro² 2-WIRE PANEL IS SUITABLE FOR A VARIETY OF INSTALLATIONS

This versatile fire alarm system incorporates Fike's ASD Multipoint detector using smoke and heat detection with optional built-in sounder, allowing the whole system to be installed using only one pair of wires per zone.

That means easier, faster installations AND cost savings.

- 4 line x 20 character LCD display
- Ability to differentiate between smoke detector, heat detector or a manual call point alarms
- Alarm confirmation feature
- Available in 2, 4, and 8 zone panel versions
- RS485 Connection to up to 8 Repeater panels
- Highlighted selection menu
- Event log storing up to 500 events
- 3 enhanced test modes
- Allows detectors and sounders to be installed on the same pair of wires
- Up to 32 devices per zone
- Built-in EOL capability in all devices
- 7 modes of detection

REMOTE REPEATER PANELS



Repeater panels allow for the system status and control to be provided at secondary locations.

- Zone can be configured to day/night detection mode
- Delay programming options
- 4 or 8 zone panel can now be configured to accept conventional devices on zones 5 to 8 with the optional conventional zone card
- Optional extended battery box with capacity for 2 x 12V 7.0Ah batteries

TWINFLEXpro² PROTECTS

- Bed & Breakfasts
- Apartments/Flats
- Houses in Multiple Occupation (HMO)
- Restaurants
- Retail Stores
- Historical Buildings
- Museums
- Office Buildings

MULTIPOINT ASD DETECTORS

Using the Multipoint ASD detector as part of the TWINFLEXpro² system means that when a detector is wired to the system, a sounder and strobe can also be connected without extra installation time or cost. This greatly reduces the number of points that need to be installed and the time it takes to install.

As the Multipoint ASD offers 7 different modes of detection, the installation is made even simpler since one device suits all applications. Whatever type of detection is required, it can be selected by the flick of a switch at the time of commissioning - 3 different smoke modes, 2 fixed temperature heat modes, a rate of rise mode and a combination smoke or heat mode.

As the Multipoint ASD detector is available with or without a full specification integral 90 dBA sounder no extra devices need to be purchased when audible warning is required. If extra sound is required or for areas that do not require detection, then a choice of several different standalone sounders or sounder beacons can be used on the same two wires.



FEATURES

- Two-Wire installation - only one circuit per zone to connect detectors and sounders - installation savings can be as high as 40%.
- Ability to differentiate between smoke detector, heat detector or a manual call point alarm
- 7 modes of detection
- Up to 32 devices per zone
- Multipoint saves the cost of a sounder
- Warning of head contamination, before going into false alarm
- Easily removable for maintenance at height
- Two sound volumes easily selectable by DIL switch

MULTIPOINT ASD - MODES OF DETECTION

SMOKE 1

Used where ionization detectors are normally fitted, especially when there are high ceilings or a risk of free burning fires (chemical stores etc.), or fires that need to be detected extremely quickly.

SMOKE 2

Used where optical detectors are normally fitted, when there is a risk of a smouldering fire and for escape routes.

SMOKE 3

Designed for use in areas that are prone to nuisance alarms. The reduced sensitivity linked with a time delay feature means that a higher concentration of smoke needs to be present for a constant time period before a fire decision is made.

HEAT 1

Rate-of-Rise:

Used where a standard rate-of-rise detector would normally be used.

HEAT 2

Standard Fixed Temperature:

58°C / 136°F approximately - A standard fixed temperature heat detector, suitable for domestic kitchens, etc.

HEAT 3

High Fixed Temperature:

90°C / 194°F approximately - High fixed temperature heat detector suitable for boiler rooms, commercial kitchens, etc.

ALARM CONFIRMATION FEATURE

Using the built-in alarm confirmation feature, until an alarm has been confirmed within an individual area, only that area is evacuated. At the same time, if an alarm is triggered in a common area, the device initiates a full alarm evacuating all surrounding areas. This unique panel feature is vital where two- stage alarms are required.

For example - when an alarm is indicated by an individual detector, the sounder for that device/zone is activated and the control panel carries out the configured number of confirmation checks on that specific zone.

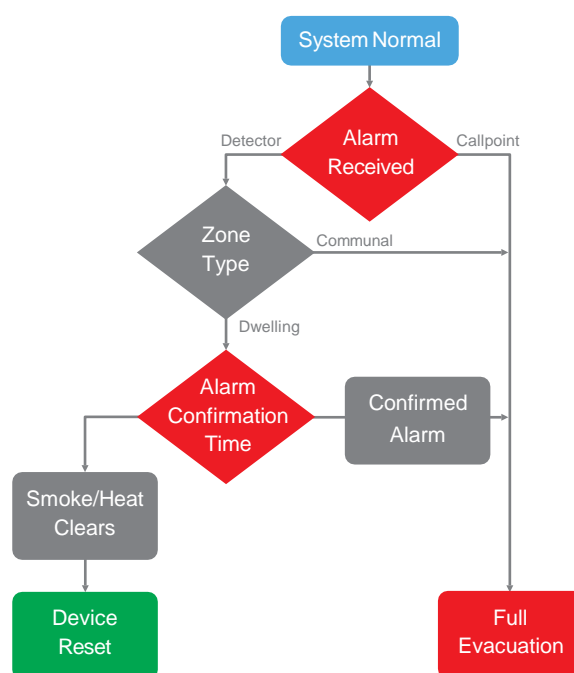
If the alarm is confirmed, the control panel enters the fire state and all additional notification devices are activated throughout the facility. If the detector alarm is rejected, the sounders on the zone are silenced, and the detector in alarm is reset.

For safety, activating a callpoint will override any delays or confirmation settings.



Alarm confirmation has the ability to select a confirmation period for individual detectors and therefore confirm if the smoke/heat detected is an actual fire - and not a false alarm.

CHECKPOINT FLOW CHART



TWINFLEX[®]pro²



TwinflexPro² 2 Zone 505-0002
TwinflexPro² 4 Zone 505-0004
TwinflexPro² 8 Zone 505-0008



Input/Output Module 802-0006



Multipoint Deep Base 900-0001
ASD Deep Base 900-0003



Remote LED 600-0092



TwinflexPro² 2 Zone KIT 604-0002
TwinflexPro² 4 Zone KIT 604-0004
TwinflexPro² 8 Zone KIT 604-0008



Hatari Sounder Red 302-0001
Hatari Sounder White 302-0002



TwinflexPro² Repeater 505-0010



Sound Point Red 313-0021
Sound Point White 313-0022



Expansion card 505-0006
Conventional card 505-0007



TwinflexPro OSP 505-0040



Twinflex Hi Point 302-0004



Multipoint ASD 204-0003
Multipoint ASD sounder 204-0001
Multipoint ASD strobe 204-0012



Flash Point 302-0012
Flash Point Domed 302-0022
Flash Point W* 302-0023



Twinflex call point 402-0006
Twinflex call point W* 402-0007
Call Point Cover 25-0083-303



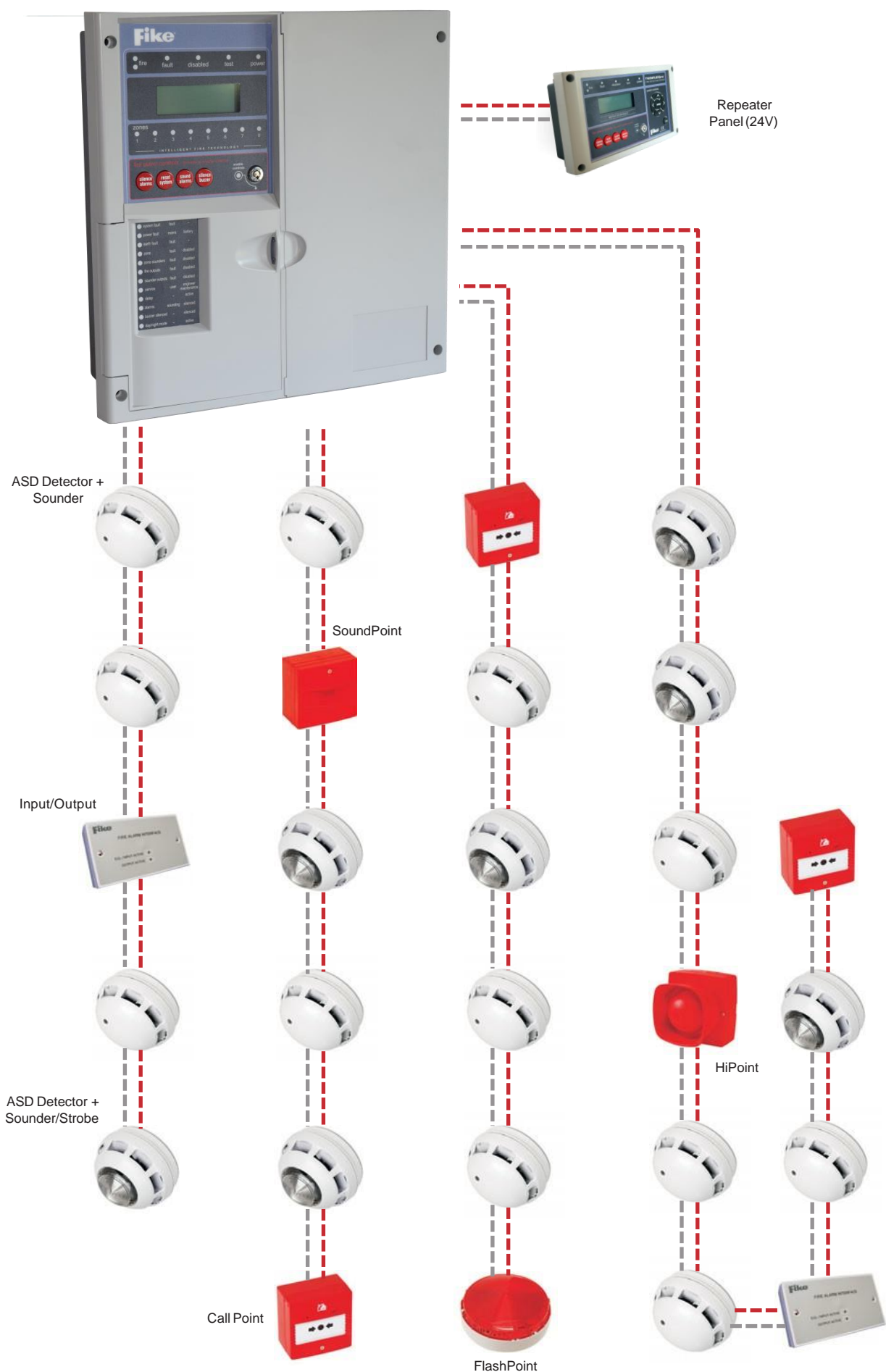
Battery box 505-0020

* W = Weatherproof

Fike Multi-Function Detectors -
The alternatives don't stack up!



SYSTEM CONFIGURATION



FIKE TRAINING

Module 1: TWINFLEXpro²



TWINFLEX system presentation providing an overview of the control panel, connections and menu structure. Field devices, fault finding and other associated equipment are covered.

Trade Cost - £200.00 (Includes software)

Module 2: DUONET & QUADNET



Duonet/Quadnet system presentation providing an overview of the control panel, connections and menu structure. Field devices, fault finding, associated equipment and principles of soft addressing are covered.

Trade Cost - £385.00 (Includes software)

Other training modules are also available.

CPD PRESENTATIONS

Continuing Professional Development (CPD) is the term used to describe the learning activities professionals engage in to develop and enhance their abilities. It enables learning to become conscious and proactive, rather than passive and reactive. Fike can offer the following presentations:

Introduction to Fire Alarms

Introduction to Fire Suppression

Introduction To Water Mist

Introduction to Video Detection



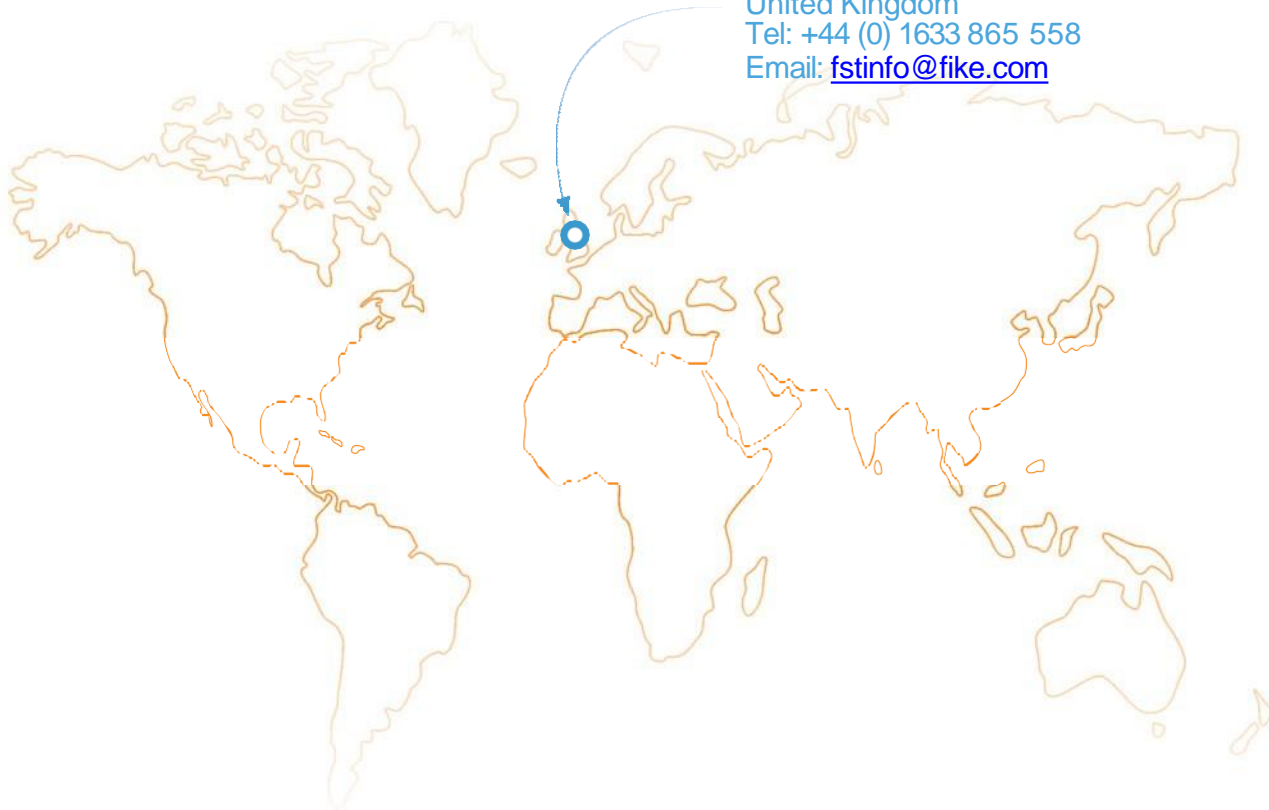
To reserve a place on one of the courses, please contact:

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BECAUSE SO MUCH IS AT STAKE™

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