



# Addressable Fire Detection System



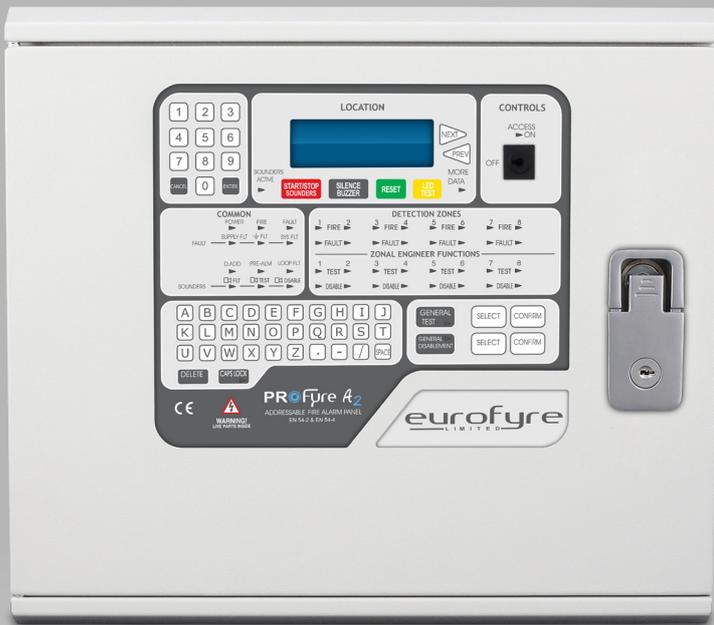
***ProFyre A2, the ‘installers choice’ for simple, yet easy to design, install and commission Analogue Addressable fire detection and alarm system from Eurofyre.....***

It is generally accepted that analogue addressable system technology is now the preferred choice for specifier’s and end-users when planning new-build installations. This comes as no surprise, as product prices have fallen over the years, whilst the cost of installation has continued to rise. This, together with the key advantages and benefits that addressable systems offer the user in terms of flexibility, control and information ensures a cost effective fire alarm system.

Small to medium sized buildings requiring no more than 2 loops invariably require a very simple alarm organisation, needing a simple ‘any input’, ‘all output’ alarm response, which makes the A2 range of system solutions a intelligent choice.

The A2 system enables a control panel to be specified that meets the needs of the system design without having to purchase a panel that is essentially over-specified for the intended purpose and therefore is more expensive. A2 is available in either 64, 126 or 252 address combinations, all of which have automatic zone mapping and simple keyboard programming procedures... in fact there is no PC connection available or indeed needed!

All matching field devices have been designed with the installer in mind, making them easy and fast to install and address, all of which helps to make the A2 the simplest and most powerful analogue addressable system in its class.



### A2 Control Panel - Part No. 15-001/2/3

The ProFyre A2 control panel is housed in an attractive, modern, mild steel enclosure, which also houses a switch-mode power supply and has room for batteries. The A2 panels have user definable zones, an option for zonal or common alarm operation, options for I/O operation, alarm verification and user selectable languages.

### Manual Call Point - 15-090

The ProFyre manual call point is unique as it mimics the feel of breaking glass, whilst offering the user the benefits and environmental advantages of a re-settable operating element. To achieve this, a simple, yet ingenious patented mechanism is used, 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.



A clearly visible activation indicator drops into view at the top of the window after it has been operated; the unit is then simply reset with a key and is ready for re-use immediately. A special polycarbonate cover is also available (ordered separately) for extra protection against accidental activation and thus allowing the unit to operate as a double action call point.

### Detectors - Part No. 15-051, 15-050, 15-053

The ProFyre 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 ProFyre rate-of-rise heat detectors 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 has a single thermistor arrangement that gives an alarm at a temperature of 90°C.

### Sounder & Sounder/Flasher Base - Part No. 15-060, 15-061

The ProFyre addressable sounder and sounder/flasher base combines with a detector giving full flexibility. There is no addressing required, instead, it uses the common address 126. The sound output is 85dB max @ 1m.

We also have a variety of addressable sounders both for indoor and outdoor use.

