



PROFILE Flexible

Pro 16xD Fire Alarm Panel

The PROFILE Flexible range of fire alarm control panels provide a great deal of flexibility in terms of hardware configuration, scalability and feature set.

The panels are easy to operate, easy to install, easy to service and provide the system designer with a wide range of practical engineering solutions. Remote connectivity and backwards compatibility make it a future proof investment with long term support and reduced life time cost.

PROFILE Flexible is a highly featured digital addressable fire alarm system with an advanced TFT colour touch-screen user interface that is ergonomically engineered specifically for fire alarm control. Operation of the touch screen is possible with or without gloves and provides easy-to-use, intuitive user controls including keyless log-on using RFID cards.

The Pro16xD is expandable from 4 to 16 loops and can support 2000 addresses in total which makes it ideal for mid size facilities. Ample loop power is available to meet the increasing demand for visual alarms in addition to traditional audible alarms.

Practicalities such as the layout of a building or the number of alarm devices will often dictate the useable size of a detection loop and can result in unused capacity. In order to optimise loop capacity, PROFILE Flexible offers a system design solution.

Features

- Fully programmable 8.4" TFT colour touch screen multilingual user interface
- Ergonomic icon display - simple to operate user interface eliminates operator errors
- Touch sensitive status LED's provide instant access to detailed event information
- Context sensitive help and on screen operator instructions - reduces the need for user training and provides support for infrequent users
- User configurable on screen site maps
- Programmable graphic quiescent display
- Comprehensive point management and disable functions - gives the user full control and reduces service and maintenance effort
- Selectively view or print from the extensive 10,000 event log using dynamic filters
- Keyless log-on using RFID tags
- Black-Box versions with a minimum display provide economical network solutions
- Optional, programmable 40 or 80 way zonal LED display
- Selective loop configurations and loop power options allow flexible system designs
- Optional cloud based communications using GPRS and TCP/IP for secure system management
- Easy-mount frame permits one person installation
- Slot card arrangement for expansion for easier installation and service

For more information on the ZETTLER product range, please visit www.zettlerfire.com

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Addressable loops can be connected as shared power (SP) loops or combined as high power (HP) loops. The system designer can allocate all available power and 250 addresses to a single HP loop, or share resources across two SP loops. This level of optimisation can significantly reduce total installed system cost.

ZETTLER PROFILE's robust loop protocol can operate in the harshest of environments. Essential for system upgrades, existing cables can be reused, significantly reducing the cost of replacing a system.

Optional zonal displays and additional approved back-up power supplies are easily added to accommodate the widest range of customer, regulatory and engineering needs. For networked systems, not all panels would require a graphical user interface. A Black-Box version, the Pro16xBB without a GUI provides an economical solution.

Technical Specifications

General

Number of loops	4 to 16
Addresses per loop	Configurable up to 250
Total number of addresses	2000
No of zonal LEDs (Optional)	40 or 80
No of zones supported	240
No of expansion card slots	4

Mechanical

Dimensions	H x W x D mm
Panel	480 x 438 x 263
Expansion housing	237 x 438 x 263
Weight - excluding batteries	
Panel	14kg
Expansion housing	7.5kg
Housing RAL Colour	RAL 7053
Control Facia Colour	Pantone Grey 431C

Environmental

Operating Temperature	-5°C to +40°C
Storage Temperature	-20°C to +70°C
Relative Humidity, continuous, non-condensing	95% RH
EMC/RFI	EN50130-4 EN61000-6-3

Electrical

Supply Voltage	230VAC 50/60Hz
Input Current	3.2A Max.

Ease and speed of installation has been engineered into the electrical and mechanical design of PROFILE Flexible to reduce the installation, service and consequently the total lifetime cost of ownership. Each enclosure employs an easy-mount frame to enable one person installation.

The built-in power supply provides 5.0A of usable power and the panel can accommodate 38Ah batteries. An optional power housing, matching the design of the panel enclosure can accommodate additional 38Ah batteries and second 5.0A power supply. A second optional expansion housing can accommodate zonal displays and ancillary modules.

Any combination of up to 99 PROFILE panels can be networked together using copper or fibre-optic medium to provide seamless integration across the most complex facility.

Ordering Information

Product Code	Model	Description
557.200.847	Pro16xD	PROFILE Flexible modular housing panel
557.200.850	Pro16xBB	PROFILE Flexible modular housing Black-Box panel
557.202.842	PLX800	PROFILE 4 Loop expansion slot card
557.202.848	PCH800	PROFILE PSU interface & battery charger slot card
557.202.844	PNI800	Network interface slot card
557.202.081	FOM800	Fibre optic module for use with PNI800
557.202.857	PZ4x	40 way Zonal display
557.202.858	PZ8x	80 way Zonal display
557.202.863	PX-AN	Expansion box with ANXX door aperture
557.202.854	PBB801	Battery box with 5A PSU
557.202.853	PXB800	Ancillary box
557.202.860	PCS800	Ethernet switch
557.202.859	POS800-S	Fibre optic switch single mode
557.202.862	POS800-M	Fibre optic switch multi mode
557.202.864	PX-PR	Expansion housing with printer

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