



FP1501

Analogue addressable fire detection panel - 1 loop

General

The FP1500 Series control panels and repeaters are the ideal solution for small to medium-sized installations. Very powerful, aesthetically pleasing and cost-effective, they are extremely easy to install and use due to their advanced design. They are supplied in an elegant, high-quality, conveniently sized, heavy-duty enclosure that allows for enough space for the batteries for the system to be housed inside. They are fully compatible with the Aritech 1500 series detectors, the KZ700 series bases and the KAL400 series I/O units.

User friendly

The FP1500 series provides multilingual menus and inserts allowing for local language customisation. Together with a comprehensive LED display on the face of the panel, they have a generous 4 x 40 character LCD display. For device identification, up to 20 characters of user programmable, alphanumeric text are allowed for for every device and zone description. Zones and sounders can be tested and disabled from the panel keypad.

Installer friendly

The FP1500 series has a high-quality keyboard with audible metallic click and good travel. An auto-learn feature allows for devices to be configured automatically. Sensor communication and supply is provided over 2 wires only, whilst the optional 2-wire RS485 network allows full inter-panel communications and control.

Maintenance friendly

Information such as real time analogue device values and true temperature readings on the heat sensors are available to the operator. Field-testing of sensors may be performed by a single maintenance engineer without anyone attending the panel, whilst remote dial-up and diagnostic messaging are available via GSM, modem or TCP/IP connections.

Supporting Software

With a standard RS232 port available on every panel, the FP1500 series offers a true user-friendly PC software interface for all programming facilities, including input/output Boolean functions. Both local and remote upload/download facilities are available.

Graphic software allows for graphic representation of the fire system on a standard Windows based PC, either connected locally or remotely.



Standard Features

- **One and two loop control panels**
- **4 x 40 characters LCD display**
- **20 Display zones**
- **EN54 approved**
- **2 User access levels**
- **2 Monitored sounder outputs**
- **2 Programmable voltage free relays**
- **24 Volt auxiliary output**
- **I/O programming capabilities with Boolean functions**
- **Day/night sensitivity settings**
- **Coincidence within zones**
- **Installation test capability**
- **Full networking capabilities up to 10 nodes**
- **2-wire RS485 communications network**
- **Industry standard RS232 communications port**
- **Easy up/download programming from a standard PC**
- **Graphic PC software**



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Specifications

Supply Voltage	110 VAC @ 50 Hz or 230 VAC @ 50 Hz (+10% -15%)
Current Consumption	175 mA Quiescent / 241 mA in alarm with no devices connected
Batteries	
Capacity	2 x 12 V - 7 AH (SLA type)
Fuse Rating	3 A
Charger Rating	350 mA @ 27.6 VDC @ 20 °C (Temperature compensated -3 V / °C)
Loop characteristics per loop	
Capacity	250 addresses per loop
Maximum Load	400 mA / 26 VDC to 32 VDC
Maximum Electrical Characteristics	44 Ohm / 500 nF approximately 2 km of 1.5 mm2 diameter cable
Sounders (reverse polarity supervision)	
Maximum Load	250 mA each (2 Sounder outputs available) / 18 VDC to 24 VDC
Delays	10 seconds to 600 seconds, software adjustable in 10 second intervals
Relay Outputs (potential free)	1 A @ 30 VDC
24 V Auxiliary Output	
Maximum Load	250 mA @ 18 VDC to 28 VDC
Environment	
Working Temperature	-5°C to +40 °C
Relative Humidity	0-95% non-condensing
IP Rating	IP30
Physical Characteristics	
Size	420 mm (w) x 335 (h) x 110 (d)
Weight	6.2 kg without batteries / 10.7 kg with 2 x 7 Ah batteries

Ordering Information

Part No.	Description
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