

## FireFinder Plus EN54 – Intelligent Analogue Addressable Fire Control Panel

### Features

- Fully Expandable 1 to 8 Loop Fire Alarm Control Panel
- Large Graphic (240 x 64 pixel) Display
- 500mA Loop Current
- 4 Programmable Monitored Inputs
- 4 Programmable Monitored Sounder Outputs
- 5 Programmable Relays
- 2 Auxiliary Power Outputs
- Programmable via front panel
- Networkable
- Supports High Level Graphics Interface
- Supports a Range of Panel Add-ons
- Rack Mount options available
- EN54-2 and EN54-4 compliant

### Description

**FireFinder Plus** is an Intelligent Analogue Addressable Fire Alarm Control Panel that is available in 1 to 8 loop panel options.

The **FireFinder Plus** is suitable for medium to large sized fire detection systems and is compatible with Apollo XP95 and Discovery Detectors.

Powerful and flexible programming is achieved via AMPAC's configuration tool **ConfigManager Plus** which includes many pre-engineered programming functions. Simple system programming is easily achieved via the front panel.

**FireFinder Plus** is configurable as a peer to peer network up to 100 panels/nodes with a maximum of 150 Loops.

**FireFinder Plus** supports a large range of internal and external optional Panel Add-ons.

- Fire Fan Control Module
- 8-way Switch and Indicator Module
- 32 Zone Alarm Indicator Module
- Zone Disable and Indicator Module
- 16-way Input Board
- 8-way Relay Board
- 8-way Sounder Board
- 8 Zone Conventional Board
- Front panel mounted printer
- *SmartTerminal* (LCD Repeater)



FireFinder Plus SP1M Control Panel

The **FireFinder Plus** is available in four standard cabinet options.

- SP1M – accommodates up to 4 Loops, 64 Zone LEDs (32 as standard) and 2 Add-on termination boards
- SP1X – includes a locked glazed outer door and accommodates up to 4 loops, 64 Zone LEDs (32 as standard) 2 Add-on modules and 2 Add-on termination boards
- SP8X – has a locked glazed outer door and accommodates up to 8 loops, 64 Zone LEDs (as standard), 4 Add-on modules and 4 Add-on termination boards
- SP16X – comes with a locked glazed outer door and accommodates up to 16 loops (2 nodes), 128 Zone LEDs (64 fitted as standard), 8 Add-on modules and 10 Add-on termination boards



FireFinder Plus Controls and Indicators



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IN FIRE DETECTION AND ALARM SYSTEMS



## FireFinder Plus EN54 – Intelligent Analogue Addressable Fire Control Panel

### Item Numbers

#### Panels

8681-0108*	FireFinder Plus 1 Loop 32Z 5A SP1M
8681-0208*	FireFinder Plus 2 Loop 32Z 5A SP1M
8681-0308*	FireFinder Plus 3 Loop 32Z 5A SP1M
8681-0408*	FireFinder Plus 4 Loop 32Z 5A SP1M
8681-0110	FireFinder Plus 1 Loop 32Z 5A SP1X
8681-0113	FireFinder Plus 1 Loop 64Z 5A SP8X
8681-0916	FireFinder Plus 9 Loop 64Z 18A SP16X

#### Panel Extras

4210-0042	SP1X/M Cabinet Flush Surround
4210-0044	SP8X Cabinet Flush Surround
4210-0040	SP1X/M Batter Cabinet
4210-0041	SP8X Battery Cabinet

#### Panel Add-ons

8610-0001*	Slave CPU Board (Loop Activation)
8610-0002*	Dual Loop Termination Board
4210-0006	2 Wire Network Interface Board
4310-0021	Fire Fan Module
4310-0030	8-way Switch and Indicator Module
4310-0040	16-way Input Board
4310-0050	8-way Relay Board
4310-0060	8-way Sounder Board
4310-0080	HLI Expander Board
4310-0082*	8 Zone Conventional Board
4310-0085*	32Z Alarm Indicator Card (SP1M)
4310-0086	32Z Alarm Indicator Module (SPX range)
4310-0087	Zone Disable & Indicator Module

#### Repeater Panels

4380-0001	SmartTerminal ABS
4380-0002	SmartTerminal inc PSU ABS
4380-0003	SmartTerminal Slimline ABS

Note – Other Panel option and accessories available. Contact the Ampac Office for details

(\* denotes items covered by LPCB approval)



Assessed to ISO9001  
LPCB ref no. 952

(Ampac Europe)



(Head Office)

### Specifications

	Cabinet SP1M/SP1X	Cabinet SP8X/SP16X
Power Supply	5A PSU version*	5A PSU version / 18A PSU Version
Input Voltage	195 - 264VAC	195 - 264VAC
Protection	2Amp 3AG	2Amp 3AG (5A PSU) / 5Amp 3AG (18A PSU)
Output Current	5.6Amps	5.6Amps / 18Amp
Charger Current	1.25A	1.25A / 3A
Power Supply Output Voltage:	27.5VDC +/- 0.1VDC	
Power Supply Ripple Voltage:	200mV	
Power Supply Fault - Volts High (room temperature)	28VDC	
Volts Low	26.5VDC	
Charger Output Voltage:	27.5 +/- 0.1VDC	
Battery Type:	2 x 12V Sealed Lead Acid	
Maximum Battery Capacity:	26Ahr (SP1M/X), 40Ahr (SP8X)	
Discharge Cut-off voltage:	21VDC	
Panel Quiescent Current		
1 Loop	220mA	
Additional Loops (even)	+40mA for each Loop	
Additional Loops (odd)	+75mA for each Loop	
Loop Capacity	500mA max per Loop	
Max No of Devices per Loop	126	
Cabling Requirements	2 core 1.5 to 2.5mm <sup>2</sup>	
Fault supervision	O/C, S/C, Over current	
Number of Zones	1999	
Devices Per Zone	32 Max	
Outputs: (Programmable)	4 x 24VDC @ 1 Max, 10K EOL	
Relay outputs (Programmable)	5 x Voltage Free - 24VDC@1A	
Auxiliary Power Outputs	2 x 24VDC @ 500mA	
Inputs (Programmable)	4 x O/C, S/C, 10K EOL	
Comms External to FACP	RS485	
Comms Printer port	RS232 or Parallel	
Comms PC Interface	RS232 or USB 2.0	
Temperature	-5°C to + 40°C	
Humidity	25% to 95% (non-condensing)	
<b>Mechanical</b>		
Material	1.2mm Mild Steel	
Colour/Finish	Surf Mist Ripple (Dulux)	
Dimensions (mm)		
SP1M	500H x 405W x 150D	
SP1X	500H x 405W x 150D	
SP8X	845H x 518.5W x 173D	
SP16X	1200H x 625X x 240D	
IP Rating	IP30 (Indoor Use Only)	



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