

## FireFinder Plus – 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
- CP10:2005, 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 99 panels/nodes with a maximum of 250 Loops.

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

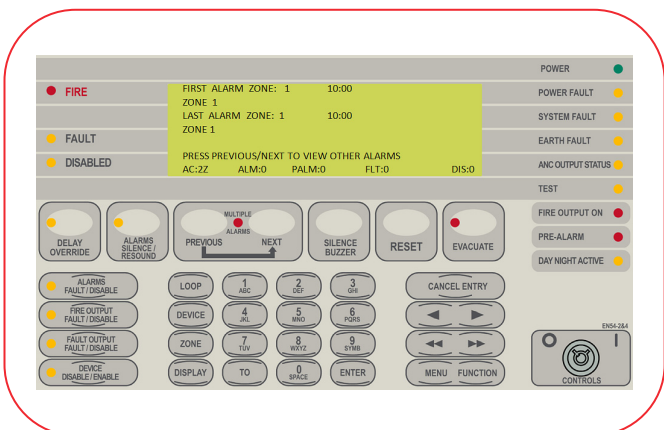
- Fire Fan Control Module
- 8-way Switch and Indicator Module
- 32 Zone Alarm Indicator Module
- Zone Disable and Indicator Module
- 16-way Input Board
- 8-way Relay Board
- 8-way Sounder Board
- 8 Zone Conventional Board
- Front panel mounted printer
- *SmartTerminal* (LCD Repeater)



*FireFinder Plus SP1X Control Panel*

The **FireFinder Plus** standard cabinet accommodates the following:

- a locked glazed outer door
- 1 to 4 loops
- up to 64 Zone indicators or
- two Add-on modules plus
- two Add-on termination boards



*FireFinder Plus Controls and Indicators*

## FireFinder Plus – Intelligent Analogue Addressable Fire Control Panel

### Item Numbers

#### Panels

8665-0110 FireFinder Plus 1 Loop 5A SP1X

#### 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  
 4310-0086 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

### Specifications

Power Supply	5A PSU version
Input Voltage	195 - 264VAC
Protection	2Amp 3AG
Output Current	5.6Amps
Charger Current	1.25A
Power Supply Output Voltage:	27.5VDC +/- 0.1VDC
Power Supply Ripple Voltage:	200mV
Power Supply Fault - Volts High (room temperature)	28VDC
Power Supply Fault - Volts Low	26.5VDC
Charger Output Voltage:	27.5 +/- 0.1VDC
Battery Type:	2 x 12V Sealed Lead Acid
Maximum Battery Capacity:	26Ahr
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	Signal Red
Dimensions (mm)	
SP1X	500H x 405W x 150D
IP Rating	IP30 (Indoor Use Only)

