

Fire detection and evacuation solutions that save lives.

FireFinder Plus NZS4512 – Addressable Fire Alarm 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
- NZS 4512:2021 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, Discovery and Series 90 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 allowing up to 200 Loops to be configured.

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

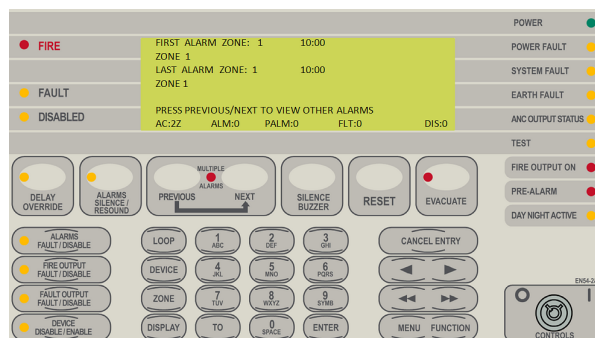
- Fire Fan Control Module
- 8-way Switch and Indicator Module
- 32 Zone Alarm Indicator Module
- Zone Disable and Indicator Module
- 16-way Input Board
- 8-way Relay Board
- 8-way Sounder Board
- 8 Zone Conventional Board
- Front panel mounted printer
- SmartTerminal (LCD Repeater)



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, 2 Add-on modules and 2 Add-on termination boards
- SP8X – has a locked glazed outer door and accommodates up to 8 loops, 4 Add-on modules and 4 Add-on termination boards



FireFinder Plus Controls and Indicators

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FireFinder Plus NZS4512 – Addressable Fire Alarm Control Panel

Item Numbers	
Panels	
8656-0108	FireFinder Plus 1 Loop 32Z 5A SP1M
8656-0110	FireFinder Plus 1 Loop 5A SP1X
8656-0113	FireFinder Plus 1 Loop 5A SP8X
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

Specifications		
	Cabinet SP1M/SP1X	Cabinet SP8X
Power Supply	5A PSU version	5A PSU version / 22A PSU Version
Input Voltage	195 - 264VAC	195 - 264VAC
Protection	2Amp 3AG	2Amp 3AG (5A PSU) / 5Amp 3AG (22A PSU)
Output Current	5.6Amps	5.6Amps / 22Amp
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	28VDC	
(room temperature) 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 2.5mm²	
Fault supervision	O/C, S/C, Over current	
Number of Zones	999	
Devices Per Zone	32 Max	
Outputs: (Programmable)	4 x 24VDC @ 500mA 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)	
Mechanical		
Material	1.2mm Mild Steel	
Colour/Finish	Surf Mist Ripple (Dulux)	
Dimensions (mm)		
SP1M	425H x 400W x 125D	
SP1X	425H x 400W x 125D	
SP8X	845H x 518.5W x 173D	
SP16X	1200H x 625X x 240D	
IP Rating	IP30 (Indoor Use Only)	