

ODYSSEY PLUS

Odyssey Plus Intelligent Analogue Addressable Fire Control Panel (510-0108A to 510-0808A)



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

The Odyssey Plus is suitable for medium to large sized fire detection systems and is compatible with Odyssey Detectors.

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

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

Odyssey 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)

KEY 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

OPTIONS

The Odyssey 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. Requires 32 Zone Indication Module to meet EN54-2.
- 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.

TECHNICAL SPECIFICATION

	SP1X	SP8X/SP16X
Power Supply	5A PSU Version*	5A PSU Version*/ 14A PSU Version
Input Voltage	195 - 264VAC	195 - 264VAC
Protection	2Amp 3AG	2Amp 3AG (5A PSU)/ 5Amp 3AG (14A PSU)
Output Current	5.6Amps	5.6Amps / 14Amp
Charger Current	1.25A	1.25A / 3A
Power Supply Output Voltage: Power Supply Ripple Voltage:	27.5VDC +/- 0.1VDC 250mV	
Charger Output Voltage: Battery Type: Maximum Battery Capacity: Discharge Cut-off voltage:	27.5 +/- 0.1VDC 2 x 12V Sealed Lead Acid 18Ahr (SP1X), 26Ahr(SP1M), 33Ahr (SP8X), 40Ahr (SP16X)	
Panel Quiescent Current 1 Loop, 8 Loop Additional Loops (even) Additional Loops (odd)	220mA, 580mA +40mA for each Loop +75mA for each Loop	
Loop Capacity Max No of Devices per Loop Cabling Requirements Fault supervision	500mA max per Loop 126 2 core 1.5 to 2.5mm ² O/C, S/C, Over current	
Number of Zones	1999	
Devices Per Zone	32 Max	
Outputs: (Programmable) Relay outputs (Programmable) Auxiliary Power Outputs	4 x 24VDC @ 1 Max, 10K EOL 5 x Voltage Free - 24VDC@1A 2 x 24VDC @ 2A	
Inputs (Programmable)	4 x O/C, S/C, 10K EOL	
Comms External to FACP Comms Printer port Comms PC Interface	RS485 RS232 or Parallel RS232 or USB 2.0	
Operating Temperature	-5°C to 40°C	
Relative humidity	25% to 95% (non condensing)	
Materials	1.2mm Mild Steel	
Case Finish	Surf Mist Ripple (Dulux)	
Dimensions SP1M SP1X SP8X SP16X	500H x 405W x 150D 500H x 405W x 150D 845H x 518.5W x 173D 1200H x 625X x 240D	
IP Rating	IP30 (Indoor Use Only)	
(*denotes items covered by LPCB approval) (**denotes product requires 4310-0086 to meet EN54-2)		