



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

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

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

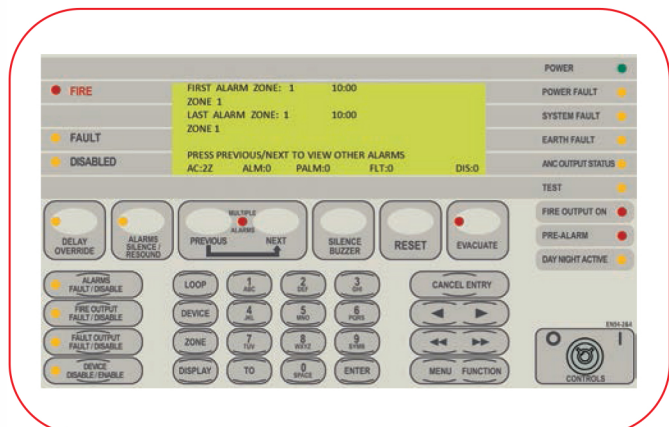
Odyssey Plus is configurable as a peer to peer network up to 100 panels/nodes with a maximum of 100 Loops.

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

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)



Panels

- 510-0108A - ODYSSEY PLUS 1LOOP 32Z 5A SP1M
- 510-0208A - ODYSSEY PLUS 2LOOP 32Z 5A SP1M
- 510-0308A - ODYSSEY PLUS 3LOOP 32Z 5A SP1M
- 510-0408A - ODYSSEY PLUS 4LOOP 32Z 5A SP1M

- 510-0110 - ODYSSEY PLUS 1LOOP 32Z 5A SP1X
- 510-0113 - ODYSSEY PLUS 1LOOP 64Z 5A SP8X
- 510-0916 - ODYSSEY PLUS 9LOOP 64Z 18A SP16

Panel Extras

- 511-0040 - ODYSSEY BATTERY CABINET SP1X/M (SURFMIST)
- 511-0041 - ODYSSEY BATTERY CABINET SP8X (SURFMIST)
- 511-0042 - ODYSSEY SP1X/M CABINET SURROUND SURFMIST
- 511-0044 - ODYSSEY SP8X CABINET SURROUND SURFMIST

Panel Add-ons

- 511-0021 - FIRE FAN MODULE WITH RESET (CONVENTIONAL INTERFACE)
- 511-0030 - 8 WAY SWITCH / INDICATOR CARD
- 511-0040 - 16 WAY INPUT BOARD
- 511-0050 - 8 WAY RELAY BOARD
- 511-0060 - 8 WAY SOUNDER BOARD
- 511-0080 - HIGH LEVEL INTERFACE EXPANDER
- 511-0082 - 8 ZONE CONVENTIONAL BOARD (BRE APPROVED)
- 511-0085 - 32 ZONE ALARM INDICATOR BOARD (BRE APPROVED)
- 511-0086 - 32 ZONE ALARM INDICATOR MODULE (FOR SP1X/8X ENCLOSURE)
- 511-0087 - ZONE DISABLE & INDICATOR MODULE

Repeater Panels

- 511-0001 - SMART TERMINAL EN54 BX1
- 511-0002 - SMART TERMINAL EN54 PSU BX1
- 511-0003 - SMART TERMINAL EN54 BX05

Specifications

	510-0108A	510-0113
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	600mA	600mA
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 (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 ²	
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)	