



ODYSSEY[®]

Odyssey Intelligent Analogue Addressable Fire Control Panel (500-0105A & 500-0205A)

Odyssey is an Intelligent Analogue Addressable Fire Alarm Control Panel that is available in 1 or 2 loop options. The Odyssey comes packed with features designed to make it versatile, easy to install, easy to operate and easy to commission.

The Odyssey is suitable for small to medium sized fire detection systems and is compatible with Odyssey detectors.

Programming the Odyssey is easily achieved via the front control panel or by using Eurotech's Odyssey configuration software.

This is an intuitive Windows™ based software that can be installed on laptops. The laptop is easily connected to the FACP via the USB or RS232 communication ports located on the panel's main termination board.

KEY FEATURES

- 1 or 2 Loop Fire Alarm Control Panel
- 500mA Loop current
- 4 Programmable inputs
- 4 Programmable sounder circuits
- 3 Programmable Relays
- 2 Programmable Open Collector Outputs
- Clear back-lit 40 x 4 line LCD
- Supports a range of panel add-ons
- Integrated 32-Zone Indication LED's
- Programmable via front panel
- Removable front door
- Removable chassis (metal version only)

Odyssey supports a range of internal and external optional Panel Add-ons.

Internal Panel Add-ons:

- 8-way relay board
- 8-way sounder board
- 8 Zone conventional board
- Front panel mounted printer

External Panel Add-ons:

- SmartTerminal (LCD Annunciator)
- 8-way relay board

A number of communication ports are also available including:

- Parallel printer port
- Serial printer port
- PC interface port – RS232 and USB
- RS485 serial port

ADDITIONAL FEATURES

- Comprehensive Auto learn function
- Plug in key for 2nd loop enabling
- Supports up to thirty SmartTerminal LCDA's.
- Advanced balanced loop receive circuitry for highly effective common mode noise rejection
- Single-Ended and Redundant loop configuration capabilities
- Loop Statistics tool support for loop poll monitoring and loop noise level
- Sounder synchronisation across loops
- Walk test and silent walk test modes for zones
- Device locator LED test
- Dirty devices tool support for displaying and scrolling through dirty devices.
- Events upload via PC configuration tool. Exportable to html and can be imported into Excel spreadsheet
- Segmented log events storing a total of 1000 events in 8 separate event segments for fire, fault, pre-alarm, emergency, security, user, system, and disable events
- Day/night modes incorporating Normal, Investigation, Dependencies A, B and C and delays to outputs
- PC wizard for downloading and uploading Boot, Application and configuration files
- Support for up to 999 programmable zones
- Cause & Effect programming
- Intuitive resolve configuration wizards for extra, mismatched and missing devices

TECHNICAL SPECIFICATION

	Metal Cabinet BX11 (EN54-2&4 Compliant)	ABS Cabinet BX1 (Complies with EN54-2&4)
Material	1.2mm steel	ABS Blend/High Impact
Finish/Colour	Surf Mist Ripple	Cool Grey
Dimensions (mm)	425H x 400W x 125D	300H x 360W x 100D
Weight	7kg	2.5kg
Power Supply	3A PSU Version	2A PSU version
Input Voltage	204–264VAC	204–264VAC
Protection	2Amp M205	1.25Amp M205
Output Current	3Amps	1.8Amps
Charger Current	600mA	400mA
Power Supply Output Voltage: Power Supply Ripple Voltage:	27.5VDC +/- 0.1VDC 250mV	
Power Supply Output Voltage: Power Supply Ripple Voltage: Power Supply Fault - Volts High	27.5VDC +/- 0.1VDC 100mV 28VDC 26.5VDC	
Charger Output Voltage: Battery Type: Maximum Battery Capacity: Discharged Cut-off Voltage:	27.5 +/- 0.1VDC 2 x 12V Sealed Lead Acid 17.2Ahr (Metal BX11), 7Ahr (ABS BX1) 21VDC	
Quiescent Current (1 Loop panel) Quiescent Current (2 Loop panel)	115mA	
Loop Capacity Max No of Detectors/Devices per Cabling Requirements	500mA maximum 126 2 core 1.5 to 2.5mm ² O/C, S/C, Over current	
Outputs: (Programmable) Relay outputs (Programmable) Open Collector (Programmable) Auxiliary VDC (Programmable)	4 x 24VDC @ 500mA Max, 10K EOL 3 x Voltage Free - 24VDC@1A 2 x 30mA 2 x 24VDC @ 500mA	
Inputs (Programmable)	4 x O/C, S/C, 10K EOL	
Comms Internal to FACP Comms External to FACP Comms Printer port Comms PC Interfacing	RS485 RS485 RS232 or Parallel R2232 or USB 2.0	
Operating Temperature	-5°C to 40°C	
Relative humidity	25% to 95% (non condensing)	