

OCTO+

Networkable Analogue Addressable Control Panel

- Up to 4 loops per panel
- Networkable up to 32 panels



The OCTO+ Fire Alarm Control Panel is the successor of the enormously popular J-Net panel of which tens of thousands have been installed all over the world.

In line with the architecture chosen for the smaller GEKKO addressable panel, the OCTO+ can have from 1 to 4 addressable loops and can be networked using the CHAMELEON network protocol, up to 32 panels can be networked in a single system via copper and fibre. It is housed in an aluminium back box with ABS plastic front door with two screws used to close and secure. The front door can be configured to open in both directions. The graphic backlit LCD display can accommodate any type of custom characters or graphic symbols, allowing multi-language support, as well as pictorial and customisable elements. It can naturally also communicate with our proprietary ODYSSEY Graphics Interface, as well as with third party Building Management Systems through a Modbus output. It is also capable of communicating with a Repeater unit, using any of the networking interfaces of the CHAMELON protocol. Importantly, the OCTO+ comes standard with three communication ports allowing full redundant networking in addition to either ODYSSEY or Modbus all in a single panel.

Inside the cabinet there is space for installing up to two 12 A/H 24Vdc Sealed Lead Acid backup batteries. The Cause and Effect programming as well as all customer specific configuration, is uploaded to the OCTO+ using the CONNECTOR software which is then downloaded to the Flash Memory of the unit via USB. All Panels are designed and manufactured in Europe and are sold with a lifetime warranty.

Features

- Up to 4 loops per panel
- Networkable up to 32 panels
- LCD display: Graphic 240x64 pixels
- USB connection for fast PC communication
- Built-in Fire & Fault relays
- Seamless web integration using GFE-TCP-WEB
- Built-in programmable INPUTS
- Switched auxiliary supply output
- Removable Chassis
- Support for non-European languages
- PC Graphics data output
- Loop capacity:
 - 125 detectors/call points/modules
 - 250 devices per loop if shadow mode is used
 - Up to 96 sounders
- Increased cause/effect programming:
 - Customizable delay options
 - Logic functions between Zones / devices
 - 1024 programmable zones
 - 1024 programmable IO groups
 - 1024 programmable Sounder groups
 - Event Log with 10000 entries (FIFO)

Specifications

POWER SUPPLY RATING	90V AC to 220V AC @ 65 W
PRIMARY SUPPLY	28.5V DC @ 2.3 A (Max.)
SECONDARY SUPPLY	21.7 Min. - 27.2V DC (Max.) - BAT charger: 28V DC
BATTERIES (INTERNAL)	2 x 12V 12AH (Max.)
QUIESCENT CURRENT (NO DEVICES)	95 mA (4 Loop)
AUX POWER OUTPUT	28V DC 300 mA
LOOPS	1 to 4 loops - Max. 150 mA per loop
CONVENTIONAL SOUNDER CIRCUITS	2 - 500 mA Max. current drive per circuit - Fully monitored
AUX. RELAYS FIRE	2 rated 2A @ 30V DC resistive / 0.5A @ 120V AC resistive / 0.25A @ 240V AC resistive
AUX. RELAY FAULT	1 rated 2A @ 30V DC resistive / 0.5A @ 120V AC resistive / 0.25A @ 240V AC resistive
OPERATING / STORAGE TEMPERATURE	-10°C to 50°C 1 rated 2A @ 30V DC resistive / 0.5A @ 120V AC resistive / 0.25A @ 240V AC resistive
HUMIDITY Max.	85% RH Non-Condensing
PROTECTION	IP30
DIMENSIONS	375 (L) x 345 (W) x 139 (H) mm
WEIGHT	7,5 Kg - 10,5 Kg (inc. 2 x 12 AH 12 V bat.)
COLOUR	White or Red