GEKKO
Analogue Addressable Control Panel

The GEKKO Fire Alarm Control Panel is the successor of the enormously popular GFE JUNIOR panel.

The GEKKO can have from 1 to 4 addressable loops. It is housed in a functional ABS plastic enclosure, with only two screws used to close and secure the lid.

The new 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 to communicate with a Repeater unit, using any of the networking interfaces of the CHAMELEON protocol.

Inside the cabinet there is space for installing up to 7 A/H 24 V DC Sealed Lead Acid backup batteries, providing battery supply to the GEKKO and ZEOS associated devices, which boast extremely low current consumption.

The Cause and Effect programming, as well as all customer specific configuration, is introduced in the GEKKO using the CHAMELEON CONNECTOR software which is then downloaded to the Flash Memory of the unit.

KEY FEATURES

- **1 to 4 loops panel**
- **Networkable panel, compatible with OCTO+ and NODE+ range of panels**
- **Supports connection to Repeaters via RS422, Fibre-Optic or TCP/IP**
- **250 devices per loop (125 address limit)**
- **Up to 96 VULCAN 2 (addressable) ultra low current base sounders (32 address limit)**
- **32 individually programmable sounder addresses**
- **Full Self-Addressable Devices support**
- **2 Fire output relays (change-over) and 1 Fault relay (NC - opens on fault)**
- **2 conventional alarm outputs (individually programmable)**
- **Both detection loops monitored for integrity**
- **384 fully programmable zones**
- **512 fully programmable sounder groups**
- **512 I/O groups**
- **Event log (rolling, 10000 entries)**
- **Available only with ZEOS protocol**
- **Compatible with all our own low cost ancillary modules**
- **Backlit graphical LCD display of 240x64 pixels**
- **Programming by integrated keypad or Loader PC software**
- **Multiple language support (menu selectable)**
- **Integrated 16 zone LED fire zone indication**

TECHNICAL SPECIFICATIONS	
POWER SUPPLY RATING	90V AC to 220V AC @ 65 W
PRIMARY SUPPLY	28.5V DC @ 2.3 A (Max.)
SECONDARY SUPPLY	21.7V DC to 27.2V DC; BAT charger: 28V DC
BATTERIES (INTERNAL)	2 x 12 V 7 AH
QUIESCENT CURRENT (NO DEVICES)	65 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 / 0.25A @ 240V AC resistive
AUX. RELAY FAULT	1 rated 2A @ 30V DC resistive / 0.5A @ 120V AC / 0.25A @ 240V AC resistive
OPERATING / STORAGE TEMPERATURE	-10ºC to 50ºC
HUMIDITY	Max. 85% RH Non-Condensing
PROTECTION	Surface Mount: IP30, Recessed Mount: IP65
DIMENSIONS	273 (W) x 404 (H) x 107 (D) mm
WEIGHT	1.6 Kg - 7 Kg
COLOUR	White or Red

ORDER CODE	
GEKKO-1L	1 LOOP - PSU 2.3A
GEKKO-2L	2 LOOP - PSU 2.3A
GEKKO-3L	3 LOOP - PSU 2.3A
GEKKO-4L	4 LOOP - PSU 2.3A