



GEKKO

Analogue Addressable Control Panel

The GEKKO Fire Alarm Control Panel is the successor of the enormously popular GFE JUNIOR panel of which tens of thousands have been installed all over the world.

In line with the architecture chosen for the high end OCTOPLUS expandable panel, the GEKKO can have from 1 to 4 addressable loops but cannot be expanded further. It is housed in a functional ABS plastic enclosure, with only two screws used to close and secure the lid.

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 to communicate with a Repeater unit, using any of the networking interfaces of the CHAMELON protocol.

Inside the cabinet there is space for installing up to 7 A/H 24Vdc 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 CONNECTOR software which is then downloaded to the Flash Memory of the unit.

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Key Features

- ▶ Standalone panel up to 4 loops
- ▶ Loop capacity: **125 detectors/callpoints/modules & up to 96 sounders**
- ▶ LCD display: Graphic 240x64 pixels
- ▶ Support for non-European languages (Mandarin, Arabic, Hindi, Urdu, Farsi, etc.)
- ▶ USB connection for fast PC communication
- ▶ Built-in Fire & Fault relays
- ▶ **PC Graphics data output**
- ▶ Seamless web integration using **GFE-TCP-WEB**
- ▶ 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)**
- ▶ Built-in programmable INPUTS
- ▶ **Switched auxiliary supply output**

TECHNICAL SPECIFICATIONS

PRIMARY SUPPLY	2.3 A @ 28.5 V DC nominal (max.)
POWER SUPPLY RATING	65 W
SECONDARY SUPPLY	21.0 Min. - 27.2 Max.V DC -BAT charger o/p 28 V DC
BATTERIES (INTERNAL)	2 x 12 V 7 AH
QUIESCENT CURRENT (NO DEVICES)	65 mA (4 Loop)
AUX POWER OUTPUT	28 V 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 @ 30 V DC resistive / 0.5A @ 120 V AC resistive
AUX. RELAY FAULT	1 rated 2A @ 30 V DC resistive / 0.5A @ 120 V AC resistive
OPERATING TEMPERATURE	-10°C to 50°C
STORAGE TEMPERATURE	-10°C to 50°C
HUMIDITY	Max 95% RH Non-Condensing
PROTECTION	Surface Mount: IP30, Recessed Mount: IP65
DIMENSIONS	273 (L) x 107 (W) x 404 (H) mm
WEIGHT	2.0 Kg - 7 Kg (inc. 2 x 7 AH 12 V bat.)
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