



FIRE CONTROL PANELS – INTELLIGENT

Go1 SERIES SINGLE LOOP PANELS



GO1
1-LOOP INTELLIGENT FACP

DESCRIPTION

The Go1 series is an evolution for non-networked single-loop fire alarm systems. Its innovative design includes several improvements and upgrades to critical safety features while retaining all the benefits and user-friendly operation of an Advanced fire alarm control panel.

A new ergonomic layout of the control panel is combined with Advanced's high resolution, high contrast, graphical LCD. The tactile keypad allows simple select-and-click programming for faster engineer configuration and simple end-user operation.

The range offers two performance options, with the Go1 accommodating a maximum of 50 and the Go1+ 126 configurable addresses (Apollo Discovery and XP95), allowing greater flexibility for site-specific installations.

Functional improvements include integral zonal LEDs, which enable instant identification of alarm locations and ensure compliance with BS5839 without the cost of a separate LED zone card.

The new PCB integrates both control panel and peripherals on the same board and incorporates the latest high-speed microprocessor technology for nine times faster operation than TC4000.

Powerful cause-and-effect programming and enhanced trace diagnostics make the panel suitable for a wide range of site applications, from small to medium systems.

The Go1 series panels are fully programmable on-site via the control panel display or the updated, easy-to-use Advanced PC Configuration Tool.

FEATURES

- Graphical LCD user interface, LED indicators, and push buttons
- Installer-friendly auto-learn, loop detection and on-board scope facility
- 500 Fire and 5,000 General Event logging with advanced diagnostic precision to aid installation and fault-finding
- Integral 15 Zone LEDs ensure compliance with BS5839, with 35 additional software indication zones
- Configuration Tool with Office365 appearance offers improved graphics and simple programming functions
- Two on-board sounder outputs, three on-board relay outputs
- Optional three monitored input/outputs for Fire/Fault routing (with P-Bus adaptor and routing card) for full EN54 compliance when connected to an Alarm Receiving Centre
- Dedicated USB Type B port for direct PC connection
- Innovative "no hinge" removable door and hangable chassis to simplify installation
- The Go1 series uses an identical monitoring feature as the TC5000 series and meets the requirements of EN 54-13 (clauses 5.3.4.1 & 5.3.4.2: partial open & short circuits) for optimal fire system performance and complete peace of mind
- EN54 Parts 2 & 4
- FM-approved
- 3-Year Warranty





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SPECIFICATIONS

PERFORMANCE

Protocols	Apollo (XP95, Discovery)
Number of Loops	1
Loop Current	500mA max
Number of Fire Zones	50 max
Sounder Outputs	2× 1 A Programmable (1 A total)
Relay Outputs (Programmable)	3× 1 A 30VAC/DC (max) to 10mA 5V (min)
Auxiliary Output	24VDC, 100mA (Aux output only available with a AE-GO1P-001 fitted)
Display	LCD White backlit 240 × 64 Graphical LCD
Programmable Inputs	1× Key Switch, 1× Monitored
USB	Type B interface for PC connection
Network	None
Ethernet	10-Base-T, 100-Base-T
Event Log	5,000 Events with Diagnostics and 500 Fire Events

INSTALLATION

Enclosure	Steel IP30 RAL7035
Dimensions H × W × D	345 × 345 × 87 mm
Weight (excluding batteries)	4 kg
Temperature Range	-5°C to 40°C
Humidity (RH)	95% max
Cable Entries	14× 20mm knockouts at top
AC Supply	220-240V, 50-60Hz, 1.0A max
Safety E	N62368-1, Class 1, Pollution Degree 2, Overvoltage Category II
Battery Capacity	24V 4Ah Internal (min), 24V 7Ah Internal (max)
Charging Current	0.35 A Temp Compensated
Deep Discharge Cut-off	19.5V
Power Supply	On-board 24V DC, 1.5A High-efficiency off-line switched mode

ORDERING INFORMATION

Product Code	Product Description
AE-GO1	Go1 1 Loop Intelligent FACP, Max 50 Apollo Devices, Non-networkable
AE-GO1+	Go1+ 1 Loop Intelligent FACP, Max 126 Apollo Devices, Non-networkable
AE-GO1P-001	Go1 P-Bus Adapter Card
AE-GO1P-002	Go1 Access Enable Key Switch Assembly

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