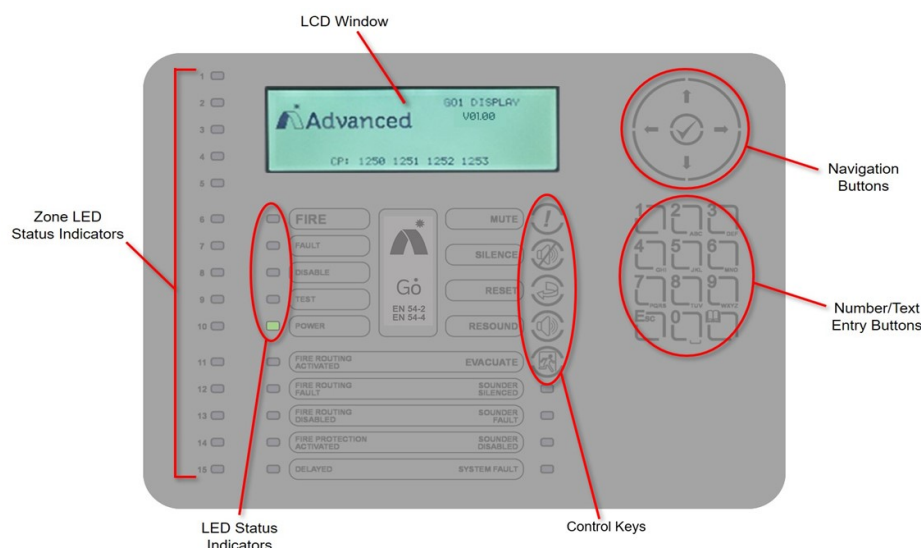


Advanced User Interface with Graphical LCD



Designed to be user-friendly and easy to operate, the Advanced User Interface with Graphical LCD is the information and control centre for the Go Series Fire Alarm Control Panel.

This interface enables complete system status, interrogation and control via

- Backlit 240x64 pixel digital display
- 5 LED status indicators
- 5 Control buttons
- Arrow Navigation and Select buttons
- 12-button alpha-numeric keypad

Buttons (Keys)

	MUTE Press to mute the internal buzzer.
	SILENCE Press to silence the sounders.
	RESET Press to reset the panel from a fire alarm or latched fault condition.
	RESOUND Press to re-activate the sounders.
	EVACUATE Press to initiate a manual evacuation and sound the alarms.

LED Indicators

FIRE	Red
FAULT	Yellow
DISABLE	Yellow
TEST	Yellow
POWER	Green
FIRE ROUTING ACTIVATED	Red
FIRE ROUTING FAULT	Yellow
FIRE ROUTING DISABLED	Yellow
DELAYED	Yellow
FIRE PROTECTION ACTIVATED	Red
SOUNDER SILENCED	Yellow
SOUNDER FAULT	Yellow
SOUNDER DISABLED	Yellow
SYSTEM FAULT	Yellow

Order Codes and Options

Go	Go1	1 loop fire panel - Grey (Apollo/Hochiki: 50 addresses)
	Go1V	1 loop fire panel - Grey (Argus Vega: 50 addresses)
Go+	Go1+	1 loop fire panel - Grey (Apollo/Hochiki: 126/127 addresses)
	Go1V+	1 loop fire panel - Grey (Argus Vega: 240 addresses)
Options	GOP-001	PBUS Adaptor Card
	GOP-002	Access Enable Key Switch Assembly
	MXP-532	Routing/Protection Interface
	MXP-506	Routing Termination Card

Technical Specifications

PERFORMANCE

Protocols	Apollo (XP95, Discovery), Hochiki (ESP), Argus (VEGA)
Number of Loops	1
Loop Current ¹	500mA max
Number of Fire Zones	50 max
Sounder Outputs ¹	2 x 1A Programmable (1A total)
Relay Outputs (Programmable)	3 x 1A 30VAC/DC (max) to 10mA 5V (min)
Auxiliary Output ^{1 2}	24V DC, 100mA (With GOP-001 Fitted)
Display	LCD White backlit 240 x 64 Graphical LCD
Programmable Inputs	1 x Key Switch, 1 x monitored
USB	USB type B interface for PC connection
Network	None
Ethernet	10-Base-T, 100-Base-T
Event Log	5000 Events with Diagnostics + 500 Fire Events

INSTALLATION

Enclosure	Steel IP30 RAL7035
Dimensions H x W x D mm	345 x 345 x 87
Weight (excluding batteries)	4Kg
Temperature Range	-5°C to 40°C
Humidity (RH)	95% max
Cable Entries	14 x 20mm knockouts at top
AC Supply	220-240V, 50 – 60 Hz, 1.0A max
Safety	EN62368-1, Class 1, Pollution Degree 2, Overvoltage Category II
Battery Capacity	24V 4Ah Internal (min), 24V 7Ah Internal (max)
Charging Current	0.35A Temp Compensated
Deep Discharge Cut-off	19.5V
Power Supply	On-board 24V DC, 1.5A High Efficiency Off-Line Switched Mode
Output Voltage ³	18.0V – 28.0V
Ripple (Vpkpk)	Up to 1.0V
Max Battery Ohms	1.8Ω ± 0.1 Ω
I_{max}(a), I_{max}(b) ⁴	1.15A, 1.5A

¹ Total output current from panel not to exceed I_{max}(b) less internal power consumption.

² Aux supply tracks a maximum of 0.5V below battery terminal voltage when no mains supply is available.

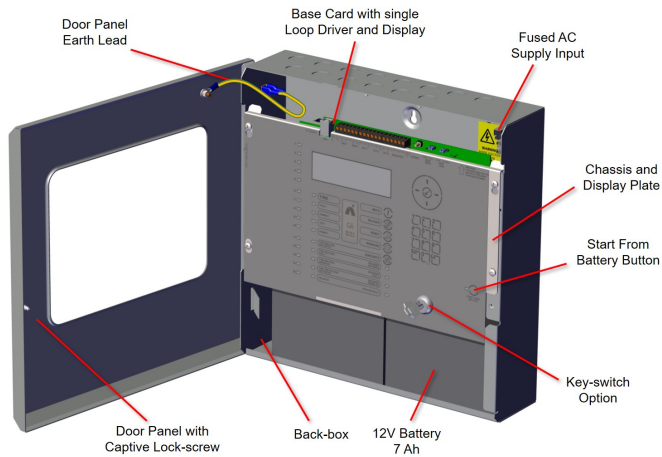
³ Min/Max specifications for the AUX and Sounder outputs. Detector Loop voltage is not dependent on AC or battery voltage.

⁴ Only applicable if the panel is configured to turn off the charger in alarm. Otherwise I_{max}(b) = I_{max}(a).

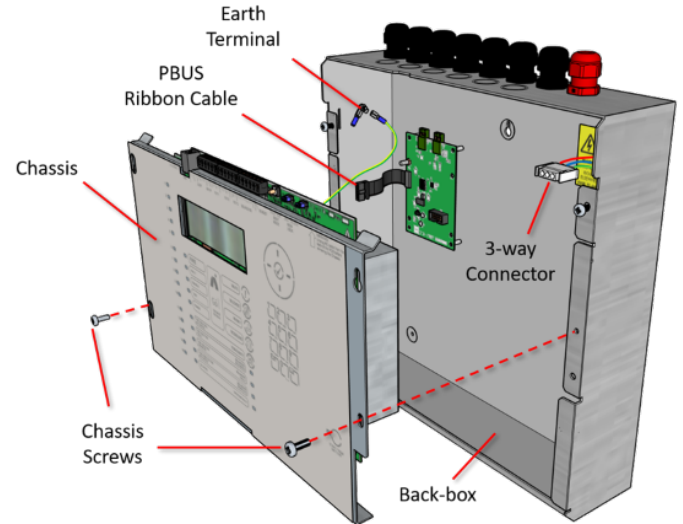
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Product Images

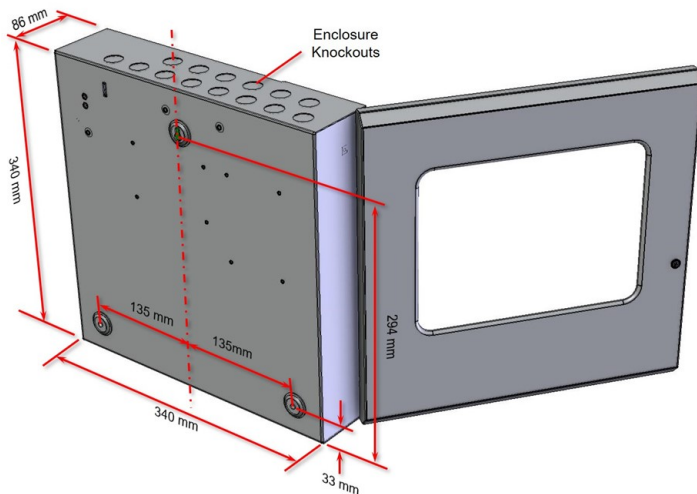
Parts location



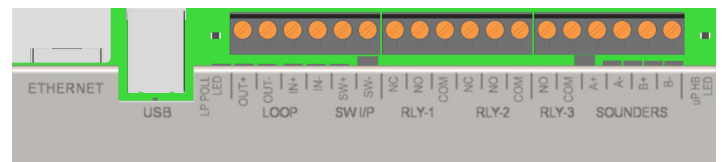
Chassis and back-box



Back-box enclosure



PCB connectors



- Ethernet, digital-ready
- USB Type B for PC connection
- Loop input/output, 24VDC 0.5A
- Monitored Switch input
- 3x Relays (Fire, Fault, Other)
- 2x Sounders, each 24VDC 1.0A

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