

AxisGo Single Loop Fire Alarm Control Panel

The new Axis-Go 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 control panel is combined with our high resolution, high contrast, graphical LCD display. The tactile keypad allows simple select-and-click programming for faster engineer configuration and simple end-user operation.

Two performance options are available with a different maximum number of configurable addresses, allowing greater flexibility for site-specific installations: Go and Go+.

Maximum addresses	Axis-EN
Axis-Go	50
Axis-Go+	240

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 micro-processor technology, for 9 times faster operation than MxPro 4.

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.

All Go series panels are fully programmable on site via the control panel display or with our updated, easy-to-use PC Configuration Tool.

Listings and Approvals

EN54-2:1997 +A1:2006
EN54-4:1997 +A1:2002 +A2:2006
EN 61000-3-2:2014
EN 61000-3-3:2013
EN 50130-4: 2011 +A1:2014
EN 55032:2015
EN 62368-1:2014+A11:2017
EN IEC 63000:2018

Features and Benefits

Supports Axis-EN protocol fire systems
Graphical LCD user interface, LED indicators & push buttons
Installer-friendly auto-learn, loop detection and on-board scope facility
500 fire + 5000 general event logging, with advanced diagnostic precision to aid installation & fault-finding
Integral 15 zoneLEDs ensures compliance with BS5839, with 35 additional software indication zones
Supported by the latest generation PC configuration tool on MS Office365, with updated look and feel and easy drag-&-drop device selection

Two on-board sounder outputs, three on-board relay outputs
Optional 3 monitored input/outputs for fire/fault routing (with P-Bus adaptor & routing card) for full EN54 compliance when connected to an Alarm Receiving Centre
Dedicated USB Type B port for direct PC connection
Ethernet port for future connectivity
Innovative 'no hinge' removable door and hangable chassis for easier installation
Designed to EN54-13 (2005 & 2017) for enhanced monitoring and optimal fire system performance

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Buttons (Keys)

LED Indicators

Part Numbers and Optional Modules			
Go	Axis-Go1	Axis-Go1 - 1-Lp Fire Alarm Panel - Grey (Advanced\Axis Brand)	50 addresses
Go+	Axis-Go1+	Axis-Go1+ - 1-Lp Fire Alarm Panel - Grey (Advanced\Axis Brand)	240 addresses
Options	GOP-001	GO1 PBUS Adaptor Card	
	GOP-002	GO1 Access Enable Key-switch Assy	
	MXP-532	Mx-5000 ROUTING / PROTECTION INTERFACE	
	MXP-506	Mx-5000 ROUTING TERMINATION CARD	

Technical Specifications

PERFORMANCE

Protocol	Axis-EN
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)}.

As our policy is one of constant product improvement, we reserve the right to modify product specifications without prior notice. E&OE

Product Images

Ethernet port
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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