Advanced

Gō

The powerful, flexible,
single-loop fire panel

Advanced – Made in the UK. Trusted around the world

At Advanced, we're committed to building a safer future. We create fire protection and life safety solutions that protect people and property in more than 80 countries across the globe.

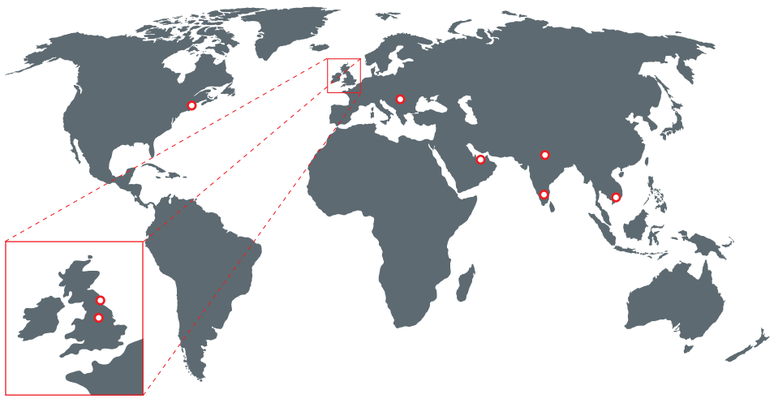
Our products are shaped by decades of research and development expertise as well as ongoing investment in new technologies. This ensures they provide years of high performance and reliability – for ultimate peace of mind.

Everything we deliver is rigorously tested and approved to exacting quality standards – which is why Advanced products are trusted by customers the world over and synonymous with **quality, performance** and **ease of use**.

Advanced headquarters, Newcastle, UK

We understand that few fire protection challenges are the same, so as well as our mass-customised ranges, we also offer fully-customised solutions. This flexibility gives you complete control over the functions, format and finish of products to suit your site's unique specification.

We are dedicated to providing excellent service and have an international network of offices and agents to help you access sales support with ease – wherever you are in the world.



In addition, our training and technical services are free of charge to all our direct customers and consistently rated as excellent.

For added reassurance, Advanced is part of the safety sector of FTSE 100 company Halma plc. This global group of life-saving technology companies has a clear purpose to grow a safer, cleaner, healthier future for everyone, every day.

Advanced was named **Fire Safety Systems Manufacturer of the Year** at the Fire & Security Matters Awards 2022.

A **Halma** company

Contents

Your new ‘Go-to’ solution from Advanced

Go

- is the new-generation, single-loop fire alarm control panel from Advanced.
- brings you easy, cost-effective access to popular premium features from our MxPro 5 range in a simpler, non-networkable panel.
- is the ideal solution for all your small to medium-sized sites where networking’s not needed, but quality, performance and ease of use are.

Standalone fire protection for complete peace of mind.

Easy to install and use

Time is money, so we’ve built in a host of features that make Go a breeze to install, configure and use.

- An easy-fit chassis and unique door design ensure installation is fast and fuss-free
- Familiar controls and menus mean there’s no lengthy learning curve
- A new, intuitive config tool makes setup quicker and easier than ever
- A powerful design checker allows you to prove your system will work without visiting site
- If you do need support, our highly rated technical services team’s got your back with advice, tips and training.

Feature-rich and flexible

We understand that small sites aren’t always simple, so we’ve packed Go with flexibility to give you the best of all worlds.

- A wide range of cause-and-effect programming to suit your site
- Comprehensive false alarm management and reduction options to minimise unwanted alarms
- Enhanced diagnostics for fewer faults, faster fixes and better performance
- 15 zonal LEDs as standard for clearer control at no extra cost
- Compatibility with three leading detector protocols for greater design and maintenance freedom plus wired and wireless versatility
- A choice of two panel address sizes so you only buy the capacity you need.

Fast and efficient

Go is designed with speed and efficiency in mind.

- Built-in peripherals including USB, RTC and ethernet ports as well as the latest microcontroller technology ensure the CPU operates nine times faster than the MxPro 4.

Ready for you now… and for the future

We understand that fire protection solutions need longevity.

- Go’s state-of-the-art technology ensures high performance today – and for years to come
- Ethernet on board means you’ll soon be able to monitor and manage Go remotely* via the Cloud – for added convenience and peace of mind.

**Go is compatible with our AdvancedLive remote management system in development. For further details, contact your sales representative.*

Go features and benefits

Anatomy of the Go panel

1. **High-resolution, high-contrast, graphical LCD display** backed by high-speed microprocessor technology operates 9x faster than MxPro 4.

2. **Integral zonal LEDs** for:
   - instant panel identification of alarm locations
   - automatic compliance with BS 5839 without additional zonal LED card cost.

3. **Tactile keypad** allows simple click-and-select programming for faster engineer configuration and simple end-user operation.

4. **Two performance options** with different configurable address limits for greater site-specific flexibility – look out for Go or Go+ on the panel facia.

5. **Approved to EN 54 Parts 2 & 4** by FM Approvals.

6. **Innovative door hinge** for quick removal and easier installation.

- **Multiprotocol support – Apollo, Hochiki, Argus – for the freedom to choose the right solution for your site, without costly maintenance tie-ins.**
- **Installer-friendly auto-learn, loop detection and on-board scope for faster trouble-free setup.**
- **500 fire and 5000 general event logging with advanced diagnostic precision to aid installation and fault-finding.**
- **15 integral zone LEDs ensures compliance with BS 5839, plus up to 35 additional software indication zones.**
- **Two on-board sounder outputs, three on-board relay outputs.**
- **Start from battery button**
- **Optional 3 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.**
- **USB type B port for quick, easy PC connection.**
- **Ethernet port and digital ready for cloud connection via AdvancedLive.***

**AdvancedLive is our cloud-based remote fire system management solution providing convenient, real-time access to fire protection data via mobile, tablet and PC from any location. To register your interest, contact your Advanced sales representative.*

Panel comparison

Go – MxPro 4 – MxPro 5
1-Loop Panel Comparison

	Note	Go/Go+	MX-4100	MX-5101
Specification	Date of first manufacture	**Date:** 2021	**Date:** 2000	**Date:** 2010
	Menu response time (integrated display and keyboard)	12kBps	38kBps	38kBps
	Maximum number of loops	1	1	1
	Loop current	500mA	500mA	500mA
	Maximum addresses per loop EN54-2: < 512 detection devices/panel	**Go+:** 126 (Apollo); 127 (Hochiki); 240 (Argus) **Go:** 50 (Apollo, Hochiki, Argus)	126 (Apollo); 127 (Hochiki)	126 (Apollo); 127 (Hochiki) 240 (Argus); 254 (Nittan)
	Protocol(s)	**Go1:** Apollo XP95 & Discovery, Hochiki ESP **Go1-V:** Argus VEGA	Apollo Hochiki	Apollo Hochiki Argus Nittan
	Number of inputs on board	2 (1 key switch, 1 monitored)	8	9
	Number of sounder outputs on board	2 @ 1A each NB: Max. 1A load (1A programmable)	2 @ 1A each	2 @ 1A each
	Number of relay outputs on board	3 (1A 30VAC/DC (max) to 10mA 5V (min))	2 (expandable to 4)	2 (expandable to 4)
	Other monitored I/O	3 i/o for fire fault routing	0	Full P-Bus support
	Number of events	5000 event and diagnostic + 500 fire	1000 event and diagnostic + 500 fire	5000 event and diagnostic + 500 fire
	Aux supply	100mA (with extra PCB GOP-001)	500mA	500mA
	Battery standby	Up to 2 x 12V, 7Ah Max (typically 24hr hr standby only)	Up to 2 x 12V, 7Ahr >12Ahr	Up to 2 x 12V, 7Ahr >24Ahr
Function	Max. number of zones	50	100	200
	Networkable, repeaters	No	Yes	Yes
	Max. number of zones on network	-	250	2000
	Max. number of panels in network	-	200	200
	Programmable push buttons	-	-	4
	Zonal LED	15 integrated	20 (with LED zone card)	20 (programmable)
	Next-generation PC config tool	Supported	Not supported	Not supported
	Digital ready	Yes*	No	Yes (with module)
	RS232 communication	No	Yes	Yes
	RS485 communication	No	No	Yes (P-Bus)
	USB communication	Yes (USB type B interface for PC connection)	No	Yes (USB type B interface for PC connection)
	Ethernet communication	Yes (10-Base-T, 100-Base-T)	Yes (module)	Yes (module)
	BMS module onboard/external/3rd party	No	3rd party	3rd party
	Webserver/Cloud	Digital ready (with AdvancedLive)*	Yes	Yes
	Graphic software	No	Yes	Yes
Installation	Dimensions HxWxD mm	345 x 345 x 87	320 x 345 x 87	345 x 345 x 87
	Semi recess	No	Yes	Yes
	Access door	Innovative 'no hinge' door for quick removal and easy installation	Screw-in, lift-off cover	Keylock with 2 hinge-pins
	Availability	Distribution and direct	Distribution and direct	Distribution and direct
	Warranty	3 years	3 years	3 years
Regulatory	EN54-2:1997 +A1:2006 (control and indicating equipment)	Yes (FM)	Yes (BSI)	Yes (FM)
	EN54-4:1997 +A1:2002 +A2:2006 (power supply equipment)	Yes (FM)	Yes (BSI)	Yes (FM)
	EN54-13 (2005, 2017)	No	No	Yes (BSI)

*For further details, please contact your sales representative.

Our easiest configuration software yet

Our new ConfigTool, supported by Go, is clear, intuitive and makes setup fast, flexible and fuss-free.

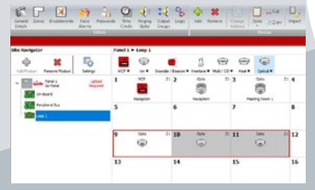
A range of specially designed features bring you a host of time-saving benefits:

Pre-installed USB device drivers

The installer automatically adds the USB device drivers to Windows, so you don't have to. This means you can connect your PC to the Go panel and begin communication straight out of the box.

Improved user interface

We've updated the user interface with speed and efficiency in mind. You can access most operations from the program menu, along with a description of each function. We've also changed many of the editors to make best use of screen space, and to support multi-select, reducing design setup time.



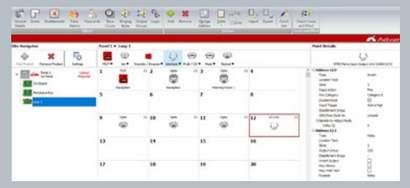
Go

Fast communication

Go transfers configuration settings to/from the panel at over 300 times the speed of other panels.

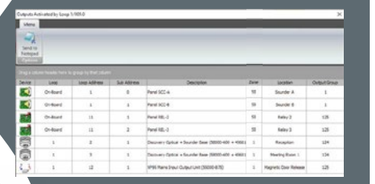
Integration of device and input/output editing

You can see all the devices fitted by address in a grid layout. Simply by selecting an address, you can configure all device inputs and outputs from the same screen.



Cause and effect checking

Cause and effect checking is greatly improved, making it possible to prove a design and correct any mistakes without actually having to go to site.



Fast loading and saving

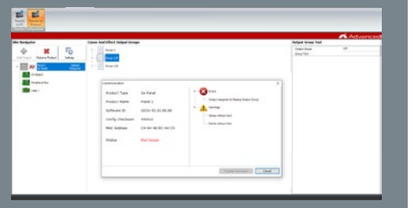
The near instant loading and saving of files saves you time and money.

Design checker

A sophisticated design check takes place on upload to highlight common problems. This stops you uploading designs with major issues, saving you fault finding time. You can also run a more in-depth design checker at any time to see information about any problems and warnings that arise.

Quick support

As intuitive as the ConfigTool is, you may occasionally need a reminder about its functions, so we've included a user manual in the program menu that you can access anytime.



Multiprotocol flexibility

We've designed Go to give you plenty of protocol options and choice.

Compatible with Apollo, Hochiki and Argus, our multiprotocol approach:

- puts you in control of which devices you use to best suit the needs of your site.
- ensures you have the freedom to decide – where you buy, who installs and how you maintain – your system. No costly, inconvenient tie-ins.
- ensures you're in charge of your fire system budget – now and in the future.

We've added an extra layer of flexibility too. Go is available in two configurable address sizes, so you only pay for what you need.

The **Go** panel is ideal for the smallest sites of up to 50 addresses.

The **Go+** panel allows you the maximum number of addresses for your chosen protocol (see table).

Number of addresses by panel and device protocol

	XP95, Discovery	Vega	ESP
Go	50	50	50
Go+	126	240	127

Let Go of false alarms

Verification | Investigation | Reduction

AlarmCalm Complete False Alarm Management.

Go gives you access to the power and flexibility of our AlarmCalm false alarm management and reduction software.

This highly effective system lets you design a solution around the needs of your specific site and can radically reduce the disruption, inconvenience and costs associated with unwanted alarms.

AlarmCalm uses fast hardware, powerful software and optional, intelligent loop devices to build a total solution to false alarms that's versatile and easy to configure.

The AlarmCalm Button is an intelligent verification device that can be installed on the loop and works with the AlarmCalm software to allow occupants to acknowledge a fire alarm signal locally, if they believe it has been triggered accidentally.

The AlarmCalm Button

Features:

- **Versatile cause and effect**
  In-depth control over alarm verification and investigation delays to outputs.
- **Customised management for any site**
  Divide your building(s) into 'building areas', each with quick-to-apply unique or group false alarm management settings. 50 building areas per panel.
- **Unlimited points**
  No restriction on the number of points in a building area and configurable by point.
- **Global acknowledgement**
  Panel inputs can be programmed to manage verification and output delays.
- **Full event log**
  All verification and output delays recorded in panel event logs.
- **Flexible verification**
  Set verification by building area, day/night, on/off, change verification times, verification by second device or device mode change.
- **Multiple verification inputs and outputs**
  Inputs can include optical, heat and multisensors, callpoints and AlarmCalm Button or other input modules. Outputs can be sounders, beacons and relays etc. Sounder ring styles can be configured.
- **Failsafe operation**
  Total control over verification times. Users can only extend verification once. Set maximum number of areas in verification before full fire is signaled.
- **Easy management of outputs**
  Output delays are handled in exactly the same way as verifications, making setup very simple.

Email enquiries@advancedco.com now for a demo

Go for powerful, flexible service reporting

Go brings you full access to all the features and benefits of our popular ServiceTool.

Simply connect your PC to the fire panel using a USB cable and you'll be able to:

- Download service reports
- Inspect device history
- Keep track of service schedules
- Demonstrate proof of servicing.

You can filter your data to suit your exact needs according to:

- Network node number
- Zone number
- Device type
- Loop number
- Network node ID.

You can also:

- Create custom categories containing specific devices tagged for quick identification
- Customise reports to show the information you need and export them as PDF, Excel or HTML files.

Get quick and easy access to a panel's complete device data – both historic and real time via USB cable.

- No more time-consuming manual data extraction and reporting.

View a panel's complete device history, including when it was installed and last:

- Activated
- Tested
- Disabled
- Enabled

- Provides proof of a panel's status at any given point in time e.g. on commissioning.
- All data is stored, so none is overwritten and lost.

Get an 'at-a-glance' view of the current status of a panel's devices.

- Easily spot devices that haven't been tested so you can check the accuracy of third-party servicing reports.

Use customised data filters to quickly spot how frequently particular devices go into fault.

- Helps you to focus on potential trouble spots and ensure they are checked during servicing.

Identify devices not recently checked and highlight them with flags so they're prioritised on the next service visit.

- Keep on top of service schedules so you never miss a deadline again.

Choose the data you want to extract from the panel using a wide range of filters.

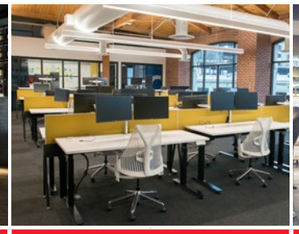
- Create completely customised reports in PDF, Excel and HTML formats that are easy to use, send, store and compare.

View drift data, real time temperature and analogue values.

- Predict which devices are becoming contaminated so you can clean/replace them before they cause false alarms.

Good to Go – easy solutions to common problems

Packing power and flexibility into a non-networkable, single-loop panel, Go's additional features make it the ideal solution for a wide range of smaller, single-panel sites.

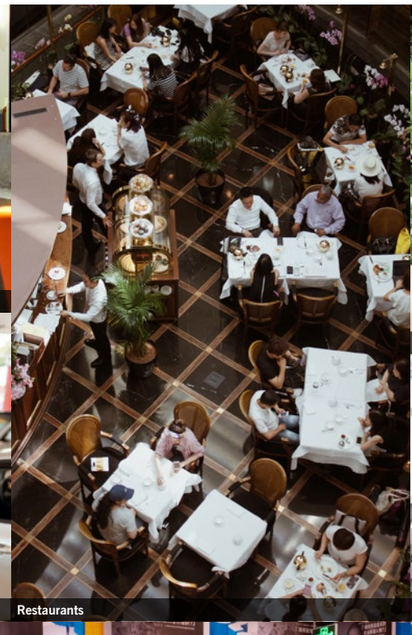
Sector	Retail	Hospitality	Commercial/Industrial	Health/Beauty
				
Typical location	– Smaller privately-owned shops – Branches of national retail chains	– Bars – B&Bs – Guesthouses – Hotels – Restaurants – Cafés – Branches of national hospitality chains	– Small offices – Industrial units – Car dealerships – Utilities (remote sites)	– Doctors' surgeries – Dental surgeries – Beauty salons – Hairdressers

Benefits
Cost-effectiveness – choose Go or Go+ address capacities to suit your site
Quality and reliability – premium MxPro 5 features in a single-loop panel
Fast and efficient installation and commissioning
Open protocol freedom from service/maintenance tie-ins
Latest technology for long-life convenience

Go anywhere!

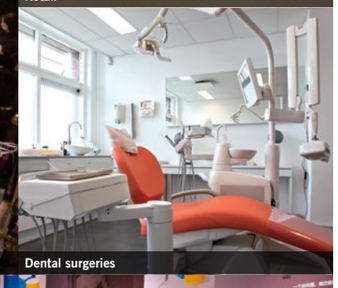
Ease of installation and use combined with premium solutions – such as **AlarmCalm** false alarm management and **ServiceTool** support and reporting make **Go** suitable for the simplest to the most challenging standalone panel applications.


Hair salons


Restaurants

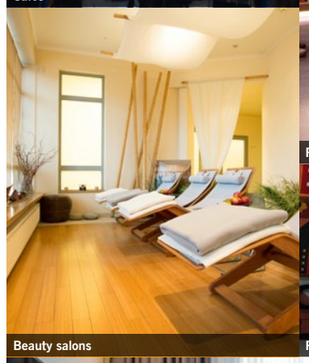

Retail


Car dealerships

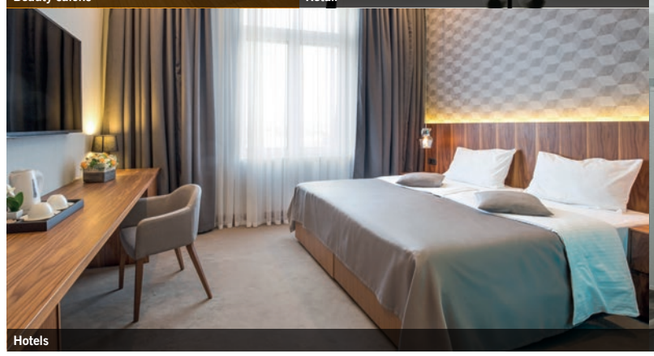

Dental surgeries


Cafés


Retail


Beauty salons


Retail


Hotels


Doctors' surgeries

Go training

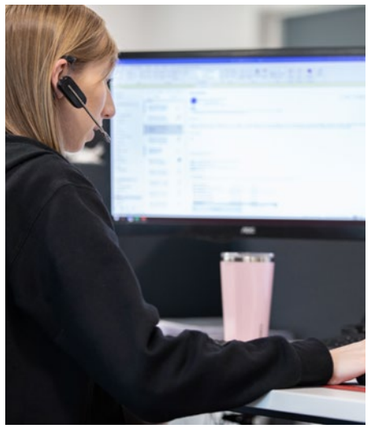
We offer our direct customers a wide range of training courses, conducted both in person and online.

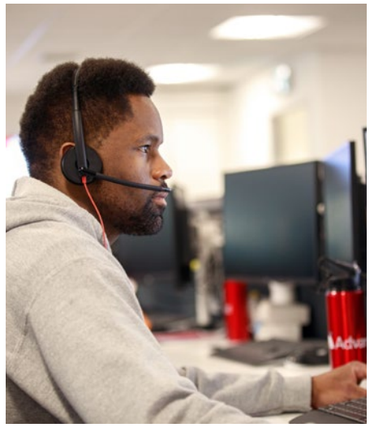
We offer a dedicated course on the Go panel which includes the following topics:

- Panel features
- Installation and maintenance
- PC configuration
- Solutions

For further information or to book your place, please log in to your Advanced360 account or contact our technical support team:

Email: tech@advancedco.com Phone: 0345 894 7000, option 1





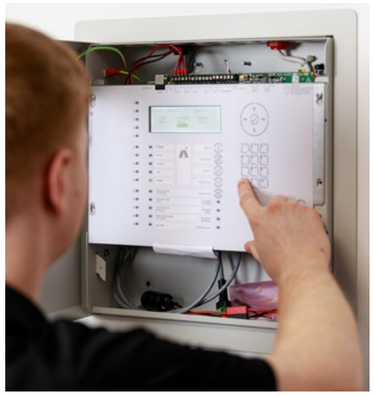
Technical support

Advanced360

Highly rated customer support. Available by telephone and online.

When you set up an Advanced360 account, you gain access to a host of helpful advice and support.

An account also gives you access to a wealth of online information, from 'how to' videos to datasheets and detailed product manuals. And everyone with an Advanced360 account can benefit from our dedicated monthly newsletter, packed with useful hints and tips.



Services include:

- **Technical support** – available by phone and online from one of our experienced technical support engineers
- **Support history** – open and view your live support tickets and see your full support history – enabling you to refer back to previous advice where required

- **Training** – view and book training slots (direct customers only), and download your training certificates at any time
- **Software** – download software and save your software packages by installation/site
- **Literature** – download manuals, specifications, approved partner certificates, technical information and more
- **Warranty certificates** – download warranty certificates for your sites.

Sign up now at advancedco.com

Go technical specifications

Technical specifications	
Part Numbers	Go1, Go1V, Go1+, Go1V+
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 (20mm knockouts)	14x 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
Power Supply	18.0V – 28.0V
Ripple (Vpkpk)	Up to 1.0V
Max Battery Ohms	1.8Ω 0.1Ω
Imax(a)	1.15A
Imax(b) [2]	1.5A
Number of Fire Zones	50 max
Number of Loops	1
Loop Current [3]	500mA max
Protocols	Apollo (XP95, Discovery); Hochiki ESP; Argus or Axis EN
Sounder Outputs[3]	2 x 1A Programmable (1A total)
Relay Outputs	3 x1A 30VAC/DC (max) to 10mA 5V (min) Programmable
Auxiliary Output [3 4]	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 Event and Diagnostic + 500 Fire

1 Minimum/maximum specifications for the AUX and Sounder outputs. Detector Loop voltage is not dependant on AC or battery voltage.
2 Only applicable if the panel is configured to turn off the charger in alarm. Otherwise Imax(b) = Imax(a).
3 Total output current from panel not to exceed Imax(b) less internal power consumption.
4 Aux supply tracks a maximum of 0.5V below battery terminal voltage when no mains supply is available.

Maximum Addresses		
EN54-2: not more than 512 detection devices per panel.		
Go1, Go1V	Apollo, Hochiki, Argus or Axis EN	50 addresses
Go1+, Go1V+	Apollo	126 addresses
	Hochiki	127 addresses
	Argus or Axis EN	240 addresses

Go parts list and order codes

Go		
Go1	Go1 – 1-Loop Fire Alarm Panel (Apollo/Hochiki) Grey Apollo/Hochiki Protocols	50 addresses
Go1V	Go1V – 1-Loop Fire Alarm Panel – Grey (AV) Argus Protocol	50 addresses
Go+		
Go1+	Go1+ – 1-Loop Fire Alarm Panel (Apollo/Hochiki) Grey Apollo/Hochiki Protocols	126/127 addresses
Go1V+	Go1V+ – 1-Loop Fire Alarm Panel – Grey (AV) Argus Protocol	240 addresses
Options		
GOP-001	GO1 PBUS Adaptor Card	
MXP-532	Mx-5000 Routing/Protection Interface	
MXP-506	Mx-5000 Routing Termination Card	

Ready to Go ?

Go is available to order in the UK through your usual Advanced supplier.

Your dispatch and anticipated delivery date will be confirmed upon order placement.

To discuss your requirements, please contact your sales representative, call us on **0345 894 7000**, or you can send an enquiry to **customerservices@advancedco.com**. Alternatively, you can visit our website: **www.advancedco.com** where you will find a host of information about our full range of products and services.

Advanced

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Web: www.advancedco.com

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Advanced Fire

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www.nationalbimlibrary.com/advanced-electronics-ltd

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