Quality and performance are vital when you’re protecting critical infrastructure – and the people who use it – from fire. That’s why ExGo gas extinguishing panels from Advanced are now helping to assure the fire safety of the longest sea crossing in the world.

Combining precision engineering with flexible design options and ease of use, ExGo provides a simple, dependable solution to complex fire protection problems in high-risk sites. To find out how the full range of Advanced fire panels and solutions can bring you peace of mind across a spectrum of sites, visit advancedco.com or call us to arrange a demo.
Welcome to the world of Advanced

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.

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.
**ExGo Advanced**

**Extinguishing Control**

ExGo is used all over the world to protect sensitive and strategic assets such as server and switch rooms and historic and cultural collections.

Compatible with a range of detection devices its performance, ease of use and advanced features set it ahead of the competition.

ExGo can be used as a stand alone system or has a number of on-board programmable inputs and outputs for interfacing with any fire system.

ExGo is suitable for almost all single-flooding area applications and includes a range of control options and devices.

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**Sample System Diagram**

Advanced Extinguishing Control

Gas Flow Detect

Manual Shut-off Valve

Actuator

Extract

Protected Area
ExGo Extinguishing Control Performance

ExGo is approved to the relevant fire (EN54 Parts 2, 4 & 13) and extinguishing standards (EN12094-1).

**Features**
- 3 conventional detection zones (inc support for I.S. barrier)
- 1 Flooding/extinguishing zone
- Support for both solenoid and Metron type actuators (1A continuous rating, 3A 15ms pulse).
- Autoleam Actuator Output circuit. No direct manual adjustment required.
- Large Countdown timer on LCD screen
- 4 relay outputs (Fire, Fault and 2x programmable) rated 30V DC at 1A max
- 3 sounder circuits 21-2BDC rated at 700mA max
- 2 AUX supply outputs (1 switched), 21-28 VDC each rated at 500mA
- 11 monitored inputs, 4 programmable, 1 manual trigger, 6 Release related (Mode, Valve Monitor, Pressure Monitor, Hold, Abort, Flow)
- Support for monitoring status of a manual isolate valve/abort input
- RS-485 link to remote status indicators
- 8 additional programmable relay outputs via EXP-008 relay module
- 3A universal PSU (1A reserved for battery charging). Can be expanded to 5A.
- Pass code or optional key switch for Level 2 access
- Key switch option for mode select (Auto/Manual)
- EN54-2 switch-mode power supply
- 72hr battery standby possible
- Logo tool allows customer logo to be displayed on LCD screen
- 12 LED status indicators (Fire, Release, Timer, Disablement, Mode and Fault Indications.)
- 2 programmable relay outputs expandable to 4
- Small and compact
- RS485 network connection
- Multiple languages
- Slide in labels
- Surface mount or semi-flush option
- 3 year warranty as standard
- 24V DC supply input
- Large Countdown timer on LCD screen
- 4 relay outputs (Fire, Fault and 2x programmable) rated 30V DC at 1A max
- 3 sounder circuits 21-2BDC rated at 700mA max
- 2 AUX supply outputs (1 switched), 21-28 VDC each rated at 500mA
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- 24V DC supply input

## ExGo Parts list

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXP-001</td>
<td>ExGo Extinguishing Control Panel, 3 Detection Zones + Single Relay Output Switches</td>
</tr>
<tr>
<td>EXP-001F</td>
<td>Enable Controls (hopped) Key Switch Assembly</td>
</tr>
<tr>
<td>EXP-002F</td>
<td>Mode Select (Un-hopped) Key Switch Assembly</td>
</tr>
<tr>
<td>EXP-012</td>
<td>2 position 45° NO/OM Key Switch</td>
</tr>
<tr>
<td>EXP-223</td>
<td>Hold Switch, Plastic Enclosure</td>
</tr>
<tr>
<td>EXP-223-001</td>
<td>Hold Switch, Stainless Steel Trim Cover Plate</td>
</tr>
<tr>
<td>EXP-223-002</td>
<td>Hold Switch, Brass Trim Cover Plate</td>
</tr>
<tr>
<td>EXP-223-003</td>
<td>Hold Switch, IP65 Plastic Enclosure</td>
</tr>
<tr>
<td>EXP-204</td>
<td>Abort Switch, Plastic Enclosure</td>
</tr>
<tr>
<td>EXP-204-001</td>
<td>Abort Switch, Stainless Steel Trim Cover Plate</td>
</tr>
<tr>
<td>EXP-204-002</td>
<td>Abort Switch, Brass Trim Cover Plate</td>
</tr>
<tr>
<td>EXP-204-003</td>
<td>Abort Switch, Brass Trim Cover Plate</td>
</tr>
<tr>
<td>EXP-204-004</td>
<td>Abort Switch, IP65 Plastic Enclosure</td>
</tr>
</tbody>
</table>

## End of Line Units

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXP-005</td>
<td>Switch End-of-Line Module (5 off)</td>
</tr>
<tr>
<td>EXP-006</td>
<td>Spare Zone Active End-of-Line Module (5 off)</td>
</tr>
</tbody>
</table>

## ExGo Remote Terminals

- 2 versions, with and without manual release
- Up to 7 remote status indicators per one ExGo panel
- Key switch option for mode select (Auto/Manual)
- 12 LED status indicators (Fire, Release, Timer, Disablement, Mode and Fault Indications.)
- 2 programmable relay outputs expandable to 4
- Small and compact
- RS485 network connection
- Multiple languages
- Slide in labels
- Surface mount or semi-flush option
- 3 year warranty as standard
- 24V DC supply input

## Hold & Abort Buttons

- Simple to install
- Range of finishes available including white, stainless steel and brass trims
- Surface or flush mount
- IP55 option
- Easy connection with dedicated control panel inputs

## End of Line Modules

- Provides a simple method of connecting auxiliary contacts to any switch input circuit
- The normal end of line and trigger resistors are not required
- Provides active end of line monitoring for zone circuits fitted with detector diode bases in accordance with BS5839-1

- 2 or 8 individual programmable outputs
- Fast instant response
- Each output 30V AC/DC, 1 Amp rating
- Cost effective against ancillary hardware
Fire panel software

Advanced software, DynamixTools, is designed for users. It is easy to operate, easy to understand and makes the complicated simple.

Dynamix Tools comprises a range of specific tools allowing users to achieve what they want, not get bogged down in large, clumsy and complicated software.

Dynamix Tools is being continually developed for the Advanced fire system range, adding new features and performance enhancements.

Our position in the global fire industry means we help guide legislation and can implement software changes quickly, keeping our customer systems right up to date. We also listen closely to our customers and often produce features for specific client requirements.

ExGo Extraction software allows the full download of gas system configuration and event log data. The user friendly software provides a quick reporting log book, showing full system configuration, full event logs and a quick reporting guide to customise system reports for end users.

ExGo Extraction Software

- USB connection
- User friendly Windows based software
- Export information to Office applications
- Download event logs and system configuration
- Customised printouts

Logo Tool

- Allows the installers logo to be displayed on the panels graphical LCD display during Normal Operation
- Uploads standard bitmap images
- Tool allows creation of logos
- JPG and GIF images can be imported

Custom-built panels

Advanced fire panels can be designed and manufactured to your specifications.

When you’re facing a complex fire protection challenge, our AdSpecials team will work with you to design and manufacture customised fire panels, control interfaces and enclosures to meet the needs of your site.

The scope of customisation ranges from simple colour coordination to fully bespoke panel housings that offer environmental protection and specialist control and indication.

Technical support

Advanced’s online and telephone support can help with installation or maintenance, fault-finding and any other technical issue.

An Advanced360 account also gives you access to a wealth of online information, from ‘how to’ videos to datasheets and detailed product manuals.

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

Contact us now to discuss your requirements

Sign up now at advancedco.com