Advanced

QuickZone

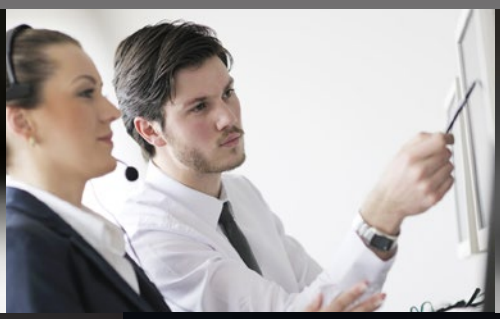
Conventional &
Twin-wire Fire System



Advanced360

Advanced Customer Service










At Advanced we're not just famous for our fire systems.

Our Advanced360 customer support, service and technical training are widely acknowledged as industry leading.

The Advanced360 team works hard to ensure you find an Advanced system easy to specify, install, configure and maintain, no matter how demanding your installation.

It's another reason why we set The Standard in Fire Systems.

Advanced
The Standard in Fire Systems

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Advanced

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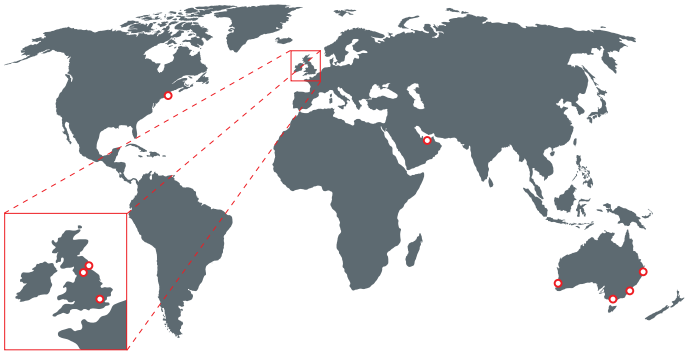
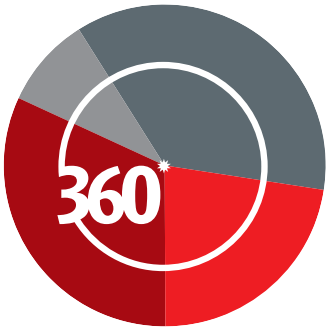
About Advanced





Manufacturing and Quality

Admin

Customer Service and Support

R&D

Advanced is known all over the world for making the highest quality, best performing fire systems.

We design 'easy' into our products. We make it easy to set up a one panel system or a complicated 200 panel network and we make our software intuitive. We deliver fast, accessible support, training and service. Above all, we make it easy to rely on Advanced.

Fire Systems are in our DNA. The people that started Advanced are the people that spearheaded the intelligent fire systems industry. They still work at Advanced and we train talented engineers and technologists every year. Over 25% of our business is dedicated to R&D. Our knowledge is unmatched, anywhere in the world and we're determined to keep it there.

Our systems are protecting people and property in over 60 countries worldwide, in many of the most prestigious and challenging locations. We realise our growth comes from strong customer relationships. We stay friendly, flexible and reactive to your requirements and our customer service is consistently rated excellent.

We manufacture all of our panels in the UK to demanding quality standards and hold global approvals. We enjoy full ISO 9001 compliance across manufacturing and design.





QuickZone

The Advanced Conventional and Twin-wire Fire System.



QuickZone and QuickZone XL fire panels support 2-12 zones, are approved to EN54-2&4 and deliver a host of performance, configuration and programming features.

A QuickZone system, as the name suggests is quick and simple to install and manage.

QuickZone's standard and XL panel formats allow absolutely the best solution to be selected and make it ideal for any installation where a conventional panel is required.



Quick on the Wall

- Sturdy metal enclosure
- Multiple knockouts
- Easy-change PCBs
- Ample space for wiring
- Integral, switch mode, 1.25/2.5 Amp PSU
- Simple access to batteries
- Metal earth bar (no crimping)
- No end-of-line modules required
- Compatible with a wide range of conventional detectors

Quick to Configure

- Up to 12 Fire zones
- DIL switch selection of twin-wire /conventional format
- 2 open collector outputs
- 2 volt-free contacts
- 28V output
- Zone interface function allows last zone to be set via DIL for non-latching operation
- 2 inputs (class change and alert)
- Up to 6 sounder circuits
- Spare zones can be used as sounder circuits
- Common fire output and relay can be programmed to cancel on silence
- Modular expansion zone cards available
- XL system includes repeater panel

Quick to Maintain

- Simple, clear LED indication of Fire, system status and zone status
- One-button fault diagnosis
- Colour coded keypad to manage Resound, Silence, Reset, Test, Disable, Mute and Test Lamps
- Simple 3 level programming accessible by keyswitch or keycode and DIL
- Disablements removed with one code
- Factory reset option
- 3 button action to disable zones
- Buzzer mute in Fault condition
- In test mode, tests can be run with or without sounders
- False alarm management
- 40 event log (XL only)
- Full, industry leading technical support from Advanced
- 3 year warranty

Panel Overview

Advanced's QuickZone solution covers three panels across two product lines that allows installers to specify the system that matches their performance and price requirements.

QuickZone is the most straightforward panel in the range and is appropriate for quick, simpler installations. QuickZone XL is a feature rich panel that can support passive or fully functional repeaters and is ideal for larger conventional/twin-wire installations with more involved programming and configuration requirements.

QuickZone



- 2 or 4 zones
- DIL selectable conventional or twin-wire (sav-wire) set up
- Class change and alert inputs
- Fire and fault relays
- 2 monitored sounder circuits
- 1.25 Amp switch mode PSU
- Space for up to 3.2Ah batteries
- False alarm management
- Approved to EN54-2&4
- 3 year warranty

QuickZone XL



- 4-12 zones
- DIL selectable conventional or twin-wire (sav-wire) set up per zone
- Integral 2.5 Amp switch mode PSU
- Up to 7 Ah batteries
- Class change and alert programmable inputs
- Programmable relays and outputs
- Up to 6 monitored sounder circuits
- Integral detector removal monitoring
- Test mode (with and without sounders)
- Alarm load of 2.4A shared across all sounder outputs
- Modular expansion zone cards available
- 2 additional sounder circuits with expansion card
- False alarm management
- Zonal programming
- Programmable outputs
- Programmable output delays
- Supports up to 8 QuickZone XL Repeater panels
- Approved to EN54-2&4
- 3 year warranty

QuickZone XL Repeater



- Same easy-to-use controls and indications as panel
- Can be fully functional or passive
- 12 zonal fault and fire indication
- 1.25 Amp integral PSU
- Class change and alert input
- Test mode and disablement functions
- Up to 8 per main panel
- Approved to EN54-2&4
- 3 year warranty

False Alarm Management

QuickZone false alarm management functions according to one of three different modes as described in EN54-2.

QuickZone supports mode A while QuickZone XL supports all three modes. False alarm management can be selected for individual zones on both panels.

Mode A:

The first alarm is not indicated and the sounders do not activate. The panel resets and rechecks the zone within 15-30 seconds, if an alarm is detected the panel activates a full fire condition. Any new alarm from the same or a different zone within 30 minutes also activates a full fire condition.

Mode B:

The first alarm will indicate at the panel but the sounders do not activate. The panel resets and rechecks the zone within a programmable time period (1 – 4 minutes). If an alarm is detected the panel activates a full fire condition. Any new alarm from the same or a different zone within a second programmable time period of 5 to 30 minutes will also activate a full fire condition unless the reset button is pressed.

Mode C:

The first alarm will indicate at the panel but the sounders do not activate. The panel will not activate a full fire condition unless a second device is activated in the same or a different zone.

Programming Features

Zone Function Programming:

To maximise configuration options, QuickZone allows individual zones to have specific programmed options including:

- Set as latching or non-latching
- Short circuit = Fire for monitoring
- Specified for MTL5061 I.S. barrier compatibility
- Compatible with schottky or zener diode bases
- False alarm management modes
- Set delays to outputs
- Silent mode for indication purposes - visual and audible alarm at panel but no sounder operation
- Detector removal monitoring can be turned off for older non-approved detectors (non-compliant to EN54).
- Twin wire zone can be programmed to zone of origin continuous ringing. Other zones can be set to pulsing, silence or continuous.



Inputs:

- Two independent programmable inputs - class change and alert input
- Either or both inputs can be programmed for remote evacuation, remote silence alarm, remote reset.
- Inputs programmable for indication purposes so the zone 12 LED or fault LED will illuminate.

Outputs:

- Can be set to latching
- Fault outputs can be inverted
- Aux relays and all outputs, including sounders, are independently programmable:
  - On, off or pulsing
  - Programmed to a dedicated zone
  - Programmed with a custom response to silence alarm, evacuate, class change input, alert input or during zone delay.
- Other sounders can be switched off, pulsing or continuous
- Output delays can be applied to aux outputs and sounders (for example investigation delay for false alarm management).

AdSpecials

Custom Built Panels and Control Units

Advanced's special engineering and manufacturing team develops bespoke solutions for customers on the backbone of our market leading fire technology.

From mimic panels and special enclosures to high specification control units and monitoring stations, the AdSpecials team's work is found in thousands of locations worldwide.

Offering a consultancy, design and build service, the AdSpecials department is the epitome of what makes Advanced a manufacturer of choice - we go further to provide customers with exactly what they need.



QuickZone Product List

Product Code	Description
	QuickZone
QZ-2	QuickZone - 2 Zone Panel
QZ-4	QuickZone - 4 Zone Panel
	QuickZone XL
QZXL-4	QuickZone XL - 4 Zone Panel
QZXL-8	QuickZone XL - 8 Zone Panel
QZXL-12	QuickZone XL - 12 Zone Panel
QZXL-8HS	QuickZone XL - 8 Zone Panel (c/w additional - 2 sounder outputs, 2 switched -ve outputs & 1 aux c/o relay)
QZXL-12HS	QuickZone XL - 12 Zone Panel (c/w additional - 2 sounder outputs, 2 switched -ve outputs & 1 aux c/o relay)

Product Code	Description
	QuickZone XL Expansion Cards
QZXL-ZEC	QuickZone XL - 4 Zone expander Card
QZXL-HSZEC	QuickZone XL - 4 Zone expander Card (c/w additional - 2 sounder outputs, 2 switched -ve outputs & 1 aux c/o relay)
	QuickZone XL Repeater Panel
QZXL-R12	QuickZone XL - Repeater 12 Zone

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