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Intelligent Addressable Life Safety Systems

Excellence Series Addressable Point Detectors

Excellence Series Addressable Control Units

Addressable Manual Call Points

Conventional Series Fire Detection

Kidde Commercial 2X-A/ 2X-AT and EXCELLENCE SERIES

INTELLIGENT ADDRESSABLE LIFE SAFETY SYSTEMS

A practical overview of product highlights and competitive advantages

Kidde Commercial 2X-A/ 2X-AT and EXCELLENCE SERIES

INTELLIGENT ADDRESSABLE LIFE SAFETY SYSTEMS

Developed to meet your expectation the intelligent way

The 2X-A/2X-AT series life safety control systems are part of the new panel family. The range now includes the new 2X-AT touchscreen panel, making operation even more intuitive and quicker. The new 2X-A/2X-AT series life safety control systems bring the speed and functionality of high-end intelligent processing to small to mid-sized addressable applications. Based on the 2X-F learned experience and completely backwards compatible, the new 2X-A/2X-AT systems are EN54-13 compliant.

The panels feature an attractive contemporary design that fits with any decor. With improved robustness, manufactured in metal, special plastics and easy electronics removal, it allows painting in any colour.

The range now includes the new 2X-AT touchscreen panel, making operation even more intuitive and quicker. In addition, the system now has the EXCELLENCE SERIES of intelligent devices that include smoke discrimination functionality to more accurately detect true fires. With High Power Loop addressable detection, a full line of easily configured option cards and modules, as well as USB and Ethernet connectivity, these quick-to configure systems offer versatility that benefits building owners and life safety system installers alike.

"Designed for building owners, engineered for life safety system suppliers."

The 2X-A/2X-AT series will give all the flexibility to meet the customer's expectations and more from new projects and expansions to retrofit, and everything in between.

This guide highlights the strengths of the 2X-A/2X-AT panel series, in combination with the EXCELLENCE SERIES, to give an understanding of the many competitive advantages these systems bring.

Amongst the strongest selling points that the 2X-A/2X-AT series offers is the confidence customers can have in dealing with a brand they've known and trusted all their lives. Kidde Commercial represents a solid foundation for technology and innovation that's been respected for generations.

2X-A/2X-AT life safety systems, with the EXCELLENCE SERIES, have been designed with installers, specifiers and end users in mind, providing key benefits to all.

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Benefits for our installers

For a life safety system installer, time and money are primary concerns. They need to know up front what it's going to take to get the system up and running so they can present an accurate and competitive bid to their customer, the property owner. A system that is difficult to install, or that takes more time than anticipated to get a green light from the local authorities, costs money, risks business reputation, and can create a big issue with the customer. 2X-A/2X-AT life safety systems are simple to install and quick to service. Thanks to their high power loops(with 4 HPL of 800mA each), installation is more efficient and competitive with less cabling and external PSUs and using fewer loops/panels. With timesaving features not found among competing products, these systems will give installers the edge to stay ahead of the game every step of the way, boosting the chances of winning bids and, ultimately, growing revenue.

The same goes for the EXCELLENCE SERIES of devices. Both the detectors

and manual call points have been designed with a host of new features to make installation and programming significantly faster than before.

Service and maintenance contracts also represent a significant part of an installer's revenue stream. Frequently the contract is negotiated for a fixed cost over a fixed period, so installers want a system that is quick and easy to service, with some of the work even being done remotely to save travel costs.

The short and infrequent service calls that 2X-A/2X-AT requires allows installers to maintain more systems at more sites with the same number of service technicians and vehicles on the road. In addition, this is helped by the EXCELLENCE SERIES devices that are designed to make maintenance and walk tests easy.

2X-A/2X-AT's Ethernet programming and diagnostic features are a big advantage and provide opportunities for boosting service revenue while

forging good relationships with end users and keeping costs down. This innovation in system communications permits valuable programming and diagnostic operations to be performed remotely, without the need to send out a service vehicle and technician. This way the technician that goes to site knows what to expect and what spare parts he needs to take before leaving the office. It also offers the opportunity to provide a more responsive service to customers.

Advanced warning of dirty detectors and remote reporting features give service departments the opportunity to anticipate problems before the end user's system operation is affected. This minimises nuisance alarms and emergency service calls, and fosters a positive relationship between the installer and the property owner. A good relationship with the owner not only helps when the service contract comes up for renewal, but also gives an edge when it's time to install, expand, upgrade, or retrofit life safety systems at other properties owned by the same customer.

Quick, easy setup and configuration are vital for engineers. Three programming methods are available.

01 Front panel with the help of a wizard or auto configuration if needed.

02 Via USB stick remotely configured by PC.

03 With a PC locally or remotely connected.

While the easy-to-use front face programming of the 2X-A/2X-AT series panel is adequate for most jobs, each method allows the installer to select a programming method that suits the complexity of the tasks at hand. This minimises the amount of time spent programming the control panel and focuses instead on getting the system up and running in the most efficient way and in the shortest time possible.

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Key programming features of the panel for installers include:

01 The wizard and auto programming guides the installer getting the system up and running quickly and efficiently. With a few simple front panel commands, the 2X-A/2X-AT series automatically identifies all connected devices, puts them into a zone and sets country specific system operation options rapidly. The wizard recognizes and protects the settings of previously installed devices so that its subsequent use can be used for incremental changes to system configuration – this important feature saves time and dramatically simplifies installation and setup.

02 Front panel programming with the 2X-A/2X-AT series includes an intuitive on-board user interface, soft keys and jog dial or touchscreen which, together with the easy-to-read LCD display, allows the installer to quickly tweak the auto programmed settings to accommodate the needs of typical installations. This method also permits fast incremental changes to point and zone settings for site-specific needs.

03 PC programming puts the power of a full-featured graphical, drag and drop configuration and diagnostic utility to work so that installers can easily take full advantage of the 2X-A/2X-AT series programming engine. With the 2X-A/2X-AT configuration utility and a laptop PC connected to the control panel, installers can quickly and efficiently set up input/output logic, run through device settings, and configure option cards and loop modules. The PC programming can also be done off-line after and uploaded into the panel on-site using a USB memory stick. The panel will automatically recognise the new configuration. Installers also benefit from exclusive device-level fault identification, which takes the guesswork out of troubleshooting. The 2X-A/2X-AT one-person walk test speeds up the pace of installation.

04 The intelligence built into the EXCELLENCE SERIES detectors enables them to differentiate between smoke and other particles, making fire detection more accurate and greatly reducing false alarms. The detectors have also been designed with multi-coloured LED indicators to make maintenance and walk tests easier and quicker.

05 The EXCELLENCE SERIES of manual call points have been designed with the installer in mind to make installation quick and easy.

06 The EXCELLENCE SERIES of IO modules offer a wide range of functionality and options

Engineered for life safety system installers

Time-saving highlights for installers ...

01 Simple system setup and configuration

02 Easy-to-configure option cards and modules

03 Incremental auto programming with wizard

04 Offline programming and upload via USB memory stick

05 Undo last update

06 Device-level fault identification

07 Loop powered sounders

08 EXCELLENCE SERIES detector multicoloured LEDs for quicker walk tests and maintenance

09 EXCELLENCE SERIES detectors and manual call points include new design features to make installation quicker and easier

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Benefits for service engineers

"Quick installation and easy maintenance gives 2X-A and 2X-AT a competitive edge that's good for the bottom line."

Timesaving remote programming and diagnostics will keep service revenues up and labour costs down. With the onboard Ethernet port, 2X-A/2X-AT series systems can communicate over a standard 10/100 Base T connection locally over a LAN, or even remotely over WAN across the Internet. This valuable 2X-A/2X-AT innovation allows a technician to run diagnostic routines and even make programming changes – all without driving to site.

When a service call is required, the technician can generate and download system reports before leaving. These provide important information such as how many detectors are approaching their dirt thresholds, or which specific devices are in an abnormal state and require attention. Having this information ahead of time avoids return trips to base for parts, and dramatically shortens the length of a maintenance call: something that both the installer and the end-user appreciate.

For those devices approaching their dirt threshold, with the auto calibrated EXCELLENCE SERIES detectors, one simply cleans away the dirt with a vacuum cleaner and the device is as good as new.

The simplicity built into the 2X-A/2X-AT series systems makes adding devices really simple for maintenance personnel. The innovative autoprogramming feature identifies new devices and adds them while preserving the programming of the existing ones. This means that incremental programming is no longer a juggling act – the system takes care of the details, shortening the length of the visit, so that more sites can be serviced with the same number of technicians and service vehicles.

In addition, maintenance features have been built into the EXCELLENCE SERIES to speed up the process for technicians.

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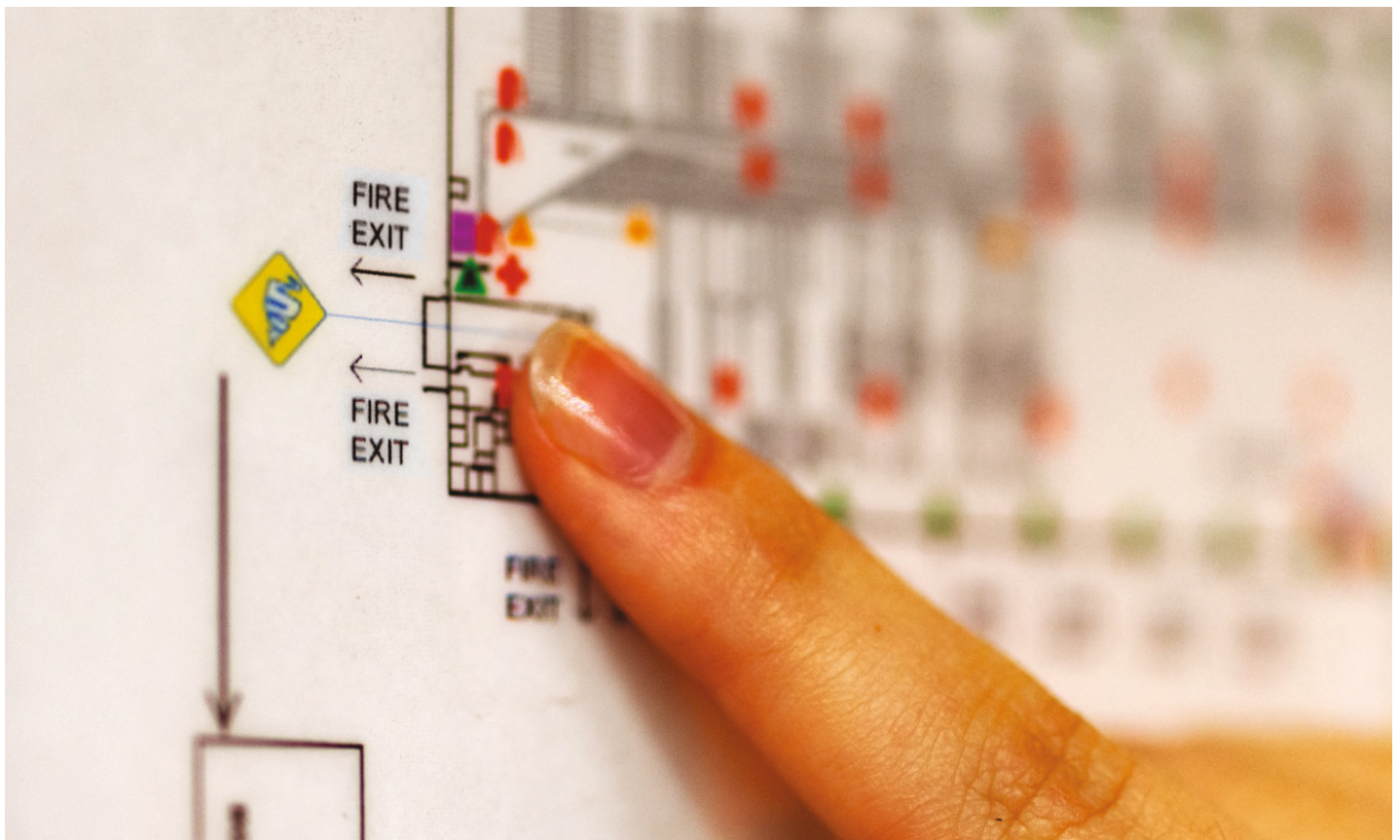
Designed for building owners

Building owners and facility managers want to focus on their buildings, not the life safety system. The worry-free operation of 2X-A/2X-AT is therefore key. The quick setup enjoyed by installers, coupled with the high efficiency gained by installation, service and maintenance personnel make the 2X-A/2X-AT and EXCELLENCE SERIES the best choice for building owners today.

The simple and intuitive front panel operation (with a touchscreen option) keeps building personnel in control of their 2X-A/2X-AT system. They won't find themselves scrambling for the manual as the system counts down to alarm and they won't have to call every time an electrical storm causes a power outage.

2X-A/2X-AT also has the life safety intelligence that is expressly geared for smaller applications that used to be the exclusive domain of conventional systems. With 2X-A/2X-AT, building owners now have access to technology that a short time ago was beyond the reach of most small building budgets.

These intelligent systems offer the building owner a fast and simple way to upgrade from cumbersome conventional control panels. In fact, 2X-A/2X-AT can use the same wiring for both the detectors and notification devices. In case conventional loops need to stay in place, a zone loop monitor can be used to incorporate them. This means the building owner doesn't have to bear the expense of additional wiring, keeping the disruption to building occupants to a minimum. Expanding the system in the future can also be done in no time.

Building owners also gain an advantage over conventional systems by being able to identify the specific device or location of the alarm or abnormal condition. The location and point details are displayed on the panel. This provides a fast response to emergency conditions. It also simplifies maintenance by identifying which individual devices require attention.

With automatic drift compensation (carried out in the EXCELLENCE detector), 2X-A/2X-AT continuously

tunes detector sensitivity and is continuously adjusted for environmental conditions such as dirt and humidity. These features further reduce the risk of nuisance alarms, both avoiding disruption to building occupants and avoiding fire department fines.

Adding to this, the EXCELLENCE SERIES of detectors, IO modules and manual call points, are all designed with new features to make installation and programming easier, quicker and cheaper. In addition, the detectors are equipped with smoke discrimination functionality, leading to more accurate smoke detection and reduced false alarms.

"2X-A/2X-AT series blends seamlessly into the background, providing compliant, trouble free service long into the future."

Time-saving highlights for building owners ...

01 Simple and intuitive front panel control with jog dial or touchscreen

02 Reduced nuisance alarms

03 Pinpoints device location

04 Identifies detectors requiring cleaning

05 Smoke discrimination intelligence built into detectors, to increase detection accuracy

06 Easy maintenance

07 72-hour cover if there is power failure

08 Straightforward annual inspections

09 Architecturally pleasing design

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2X-A/2X-AT applications

Key features and benefits summary

Available innovation	Benefit	Audience
PANELS		
Icons and symbols	The big and bright graphical LCD shows the events and notifications with recognisable icons. Language independent	
Aesthetically pleasing design	Blends in with surroundings	
Multi-language user interface	If more languages are needed quickly, they are only one push of the button away	
Main control buttons clearly indicated	Less confusion, less error, when fast reaction is required	
64 nodes/64 loops systems upgradable to 64 nodes/256 loops	Large system capacity with lots of room for expansion	
Networking with conventional systems	Seamless integration of conventional into addressable systems	
Soft buttons & Jog dial	Simple and fast control over events and the menu	
Ethernet port standard	No special equipment required for central monitoring or programming and EN54-21 certified	**Facility managers & building owners**
DETECTORS		
Intelligence built in	More accurate detection, meaning quicker detection and response	
Smoke discrimination	Fewer false alarms, leading to less business disruption	
360° alarm visibility	Quicker and easier recognition of alarms	
Can coexist with legacy 2000 Series detectors	Both EXCELLENCE SERIES detectors and 2000 Series will work together on the same system, meaning devices can be replaced as schedules allow	
MANUAL CALL POINTS		
Dual LED function alarm indication	Quicker and easier recognition of alarms and status, speeding up installation, commissioning and maintenance	
Can coexist with legacy 2000 Series detectors	Full backward compatibility, meaning devices can be replaced as schedules allow	
IO MODULES		
Can coexist with legacy 2000 Series detectors	Full backward compatibility, meaning devices can be replaced as schedules allow	

Available innovation	Benefit	Audience
PANELS		
Reduced cost, without compromise	Up to 16% savings in product life cost	
Fibre optic networking possible	For sites where different buildings need to be connected as one system or where minimising electronic noise is key	
High Power Loop (HPL)	Allows on average 3 times more notification devices on the system without extra panels, loop cards, power supplies, cables or batteries and reduces time for programming/configuring/commissioning	
Integrated bigger battery (from 18Ah to 64Ah)	Available to power 4.2 times more devices in case of power failure	
New 2X-A/2X-AT Panels able to operate fully, out of box, for 72 hours in case of power failure	Always secure. Site fully protected over a weekend or when it is unmanned	**Installers**
IP connectivity	Engineers do not have to be at site for diagnostic work, saving travelling time	
Communication via UltraSync cloud, using ConnectedSafety+	Allows multi-channel communication routes to Central Monitoring Station	
Backward compatible	Allows systems to be transitioned when owners' schedules allow	
Integration with ATS8600 management software	Brings together fire and security systems so that both systems can be monitored seamlessly from one location	

Available innovation	Selling point	Audience
Integrates with central monitoring stations	Enables 24/7 third party monitoring	
Remote control of panel via PCC	Reduce operating and maintenance costs	
64Ah batteries inside	Supports large systems 72 hours of standby with 30 minutes of alarm	
Spirit level built in	The whole system is designed so that minimum tools are required to install the system	
Sufficient cable entries	Easy wiring inside the panel	
Enough cable dressing solutions	Keeping the inside neat and professional	
Pluggable connections	In case components need to be removed cables can remain on the connectors	
All optional EN54 requirements	All optional EN54 requirements in the EN54-2 standard are included and certified with CPR, making sure the system is reliable and up to date to the latest standard	
Country specific presets	No mistakes and provides an even quicker setup	
Quick-install component chassis/ removable door	Prevents electronics from becoming damaged during construction	
One-man walk test	Quick verification of system operation	Installers
Earth fault detection	Reducing troubleshooting time on site	
2 + 2 loops	If 4 loops are required, just add-in an extra 2 loops in the 2-loop panel, giving the expansion needed	
USB	One can download/upload the latest configuration or reports on a memory stick or connect the PC directly via USB	
Company logo	With the configuration utility one can easily upload the company's logo on the LCD screen	
Incremental panel wizard and auto configuration with undo	For fast upgrade or modifications press undo to go back to last configuration	
Built-in printer option	Always have a hard copy of the events and history logs	
Ethernet port as standard	Generate and download system reports	
DETECTORS		
Passes EN54 fire test with single device	Fully compliant	
IO MODULES		
DIN or wall mounts	Allow flexiblity in mounting options	
Broad range of devices	Maximises functionality, for comprehsive cover	
Pluggable connectors	Quicker installation	

PANELS		Audience
Device level fault or warning identification	Check the dirt level of a detector or investigate a fault message from the office	
4 e-mail accounts	Get notifications of alarms, faults and conditions reported directly from the panel to a smart phone or remote PC	
Loop, PSU, output measurements	The panel has a built-in multimeter to measure current and voltages	
PSTN/GSM	Integrated EN54-21 certified communication via PSTN/GSM	
DETECTORS		
Tricolour status indicators	Quicker and easier recognition of alarms and status, speeding up installation, commissioning and maintenance	Service engineers
MANUAL CALL POINTS		
180° alarm visibility	Quicker and better understanding of alarm status	
Tricolour LED status	Quicker and easier recognition of alarms and status, speeding up installation, commissioning and maintenance	
IO MODULES		
Local test facility per channel	Quicker and easier commissioning and maintenance	
Local LED status per channel	Quicker and easier commissioning and maintenance	

Kidde Commercial Aritech 2X-A/2X-AT and EXCELLENCE SERIES System Benefits

COST EFFECTIVE INSTALLATION
- Allows new detectors to be fitted to legacy system
- 4 HPLs that allow 3.2x more devices to be fitted/system

COST EFFECTIVE COMMISSIONING
- New intelligent devices, quicker to maintain
- Migration tools, greatly reduces time to upgrade protocols
- Auto configure panel

COST EFFECTIVE OPERATION
- Intuitive touchscreen increasing speed of operation by three times
- 16% reduced product life cost

COST EFFECTIVE MAINTENANCE
- IP connectivity and remote control panel, allowing remote diagnostics reducing travel

REDUCED LOSSES AND CASUALTIES
- Intelligent detectors give more accurate detection of smoke, reducing false alarms and, when integrated through ConnectedSafety+, link to other systems (e.g. HVAC fans, PAVA, escape route systems and fire extinguishing systems) to immediately minimize the threat

EXPAND/UPGRADE SYSTEM AS SCHEDULES ALLOW
- The EXCELLENCE SERIES panels are both backwards compatible and future proof, and can integrate with both conventional and wireless systems

ALWAYS SECURE
- 72-hour system coverage, on power failure

ALWAYS IN TOUCH
- With IP connectivity, the panel can communicate both to mobile devices and through multiple channels to a CMS, ensuring all faults and emergencies are picked up immediately
- EN54-13 certified

Up to 4 loops

TCP/IP

3x USB

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The next generation
Future ready

EXCELLENCE SERIES ADDRESSABLE
POINT DETECTOR CATALOGUE

**Low profile
dual optical**

**Dual optical
& heat**

Heat

EXCELLENCE SERIES
addressable point detectors

The new EXCELLENCE SERIES point detectors are an intelligent range of next generation devices. They include a range of low profile, optical smoke and heat detectors with or without integrated short circuit isolation. With an extended range of mounting accessories, they are fit for any commercial fire application.

Offered in signal white (RAL 9003) or graphite black (RAL 9011), all detectors with optical detection feature Kidde Commercial's dual optical chamber that provides advanced smoke discrimination technology. With both forward and backward light scattering using two optical wavelengths, they ensure the proper elimination of nuisance alarms from steam, dust and other non-fire phenomena.

The temperature devices in the range offer both EN54 Class A and B support, with selectable static or rate-of-rise temperature algorithms.

Compatible with Kidde Commercial's new fire control panel range for EUA, these devices support the new Excellence addressable communication protocol. With the Excellence protocol's support for legacy Aritech fire devices, the new control units can be combined with legacy Aritech 2000 series devices on a new Excellence loop, making system expansion or upgrading possible with minimum resource investment.

> **EXCELLENCE SERIES point detectors ensure the proper elimination of nuisance alarms from steam, dust and other non-fire phenomena.**

Features:

- Optional integrated short circuit isolation means that no additional short circuit isolator needs to be installed for additional device loop protection, saving installation time and cost.

- Multiple selectable detector profiles, all with EN54 certification, allows full flexibility for most commercial fire applications.

- Surface or recess mount options offer full flexibility for all installation types.

- Various mounting options facilitate easy installation.

- Easy to use rotary dial addressing means straight forward device addressing with reduced mistakes, saving fault-finding time and cost.

- A tri-colour status indicator offers clear local device status indication, making the real time status clear during normal operation, fault or fire events.

- A tri-colour status indicator offers clear 360° visibility, making detector alignment for LED visibility unnecessary and saving additional installation time and cost.

- A loop through feature of the detector base means easy first-fix installation and pre-commissioning cable testing prior to expensive equipment arriving on site, making installation quicker and preventing damage to equipment during building construction.

- Address tags are supplied with the base for easy device labelling.

- "Know one, know them all" design for easy adoption, installation and understanding saving time and installation effort.

- A low maintenance optical chamber prohibits dust increase, minimising cleaning.

- Supports industry standard installation and maintenance tools, avoiding any additional equipment investment.

- Eco friendly packaging ensures a cleaner environment.

Standard EXCELLENCE SERIES Point Detectors

The standard range of Excellence Series point detectors boast a complete range of fully featured detectors for applications where an isolator per device is not required. Offering an economical solution without compromising on performance, this range offers the same high end features as the fully isolated range of Excellence Series detectors, including the high performance dual optical detection chamber with smoke discrimination, the full set of programmable detection parameters for optical and heat detectors, as well as the same range of installation accessories.

	Description	Application
	Low profile dual optical Available in a *Signal White* low gloss, easy clean finish Supplied with: • Dust cover	**Features:** • Short circuit supervision on remote indicator output • Nuisance alarm discrimination • Tri-colour status indicator • 360° alarm visibility • 3 Selectable, EN54 certified optical sensitivity settings • Event logging in the device • Compatibility with multiple installation accessories Note: This device can co-exist with legacy Aritech 2000 series devices on an EXCELLENCE SERIES fire panel loop
	Dual optical & heat Available in a *Signal White* or *Graphite Black* low gloss, easy clean finish Supplied with: • Dust cover	**Features:** • Short circuit supervision on remote indicator output • Nuisance alarm, steam and dust discrimination • Tri-colour status indicator • 360° alarm visibility • 3 Selectable, EN54 certified optical sensitivity settings • 2 Selectable, EN54 certified heat sensitivity settings • Event logging in the device • Compatibility with multiple installation accessories Note: This device can co-exist with legacy Aritech 2000 series devices on an EXCELLENCE SERIES fire panel loop
	Heat Available in a *Signal White* low gloss, easy clean finish Supplied with: • Dust cover	**Features:** • Short circuit supervision on remote indicator output • Tri-colour status indicator • 360° alarm visibility • 4 Selectable, EN54 certified heat sensitivity settings • Event logging in the device • Compatibility with multiple installation accessories Note: This device can co-exist with legacy Aritech 2000 series devices on an EXCELLENCE SERIES fire panel loop

Detector Accessories

You can ensure that every detector is optimally installed, completely compliant with regulations and matching the requirement. Every accessory is carefully designed to ensure maximum time efficiency during installation and matches aesthetics with every detector, not only in colour and texture but also in other design aspects. Matching accessories not only ensures safety, but also ensures that the aesthetics of the protected area is not negatively affected.

Every EXCELLENCE SERIES accessessory is functionally approved with the detector.

	Description	Application
	Standard base (white and black) Available in a *Signal White* or *Graphite Black* low gloss, easy clean finish Compatible with all EXCELLENCE SERIES point detectors Supplied with: • Captive cable screws and clamp • Address tag	**Features:** • Dual address tag locations avoids base alignment to make tags visible • A selectable detector locking mechanism protects aganist unauthorised removal • Large rear cable entry with ample space for cables • Side cable entry and exit possibilities without additional fixture requirements • Flexible installation fixture with first fix screw features reduce installation time and effort • Colour-coded screen terminal for easy identification • Clearly visible terminal markings avoids incorrect cabling • Cable cut-length template in the base • Robust, wire ready wiring terminals with captive clamping washers for quick installation • Isolation bridges included allows loop measurements without devices installed • Detector insert location and locked position indications facilitates visual cueing of the device, saving time and adding surety • Simple twist-and-lock detector action with clip action audible feedback ensures the detector is properly installed • Dual contact points on every connector for reliable detector/base contact
	Remote indicator Available in a *White* with high gloss, easy clean finish Compatible with all EXCELLENCE SERIES point detectors Supplied with: • Back box	**Features:** • Modern and elegant design • Plastic casing with ruby red polycarbonate "spyhole" reflector • High luminosity, large angle of visibility, lit up on four sides • Two-wire connection • Wide power supply range makes it suitable for many applications
	Scorpion IO For those inaccessible places Compatible with all EXCELLENCE SERIES point optical detector types Supplied with: • Mounting plate • Access point IO controller	**Features:** • Universal design • Permanently installation alongside the detector during installation • Can be retro fitted to an existing installation • Ideal for lift shafts, ceiling voids, secure areas • Generates "smoke" on demand and clears the detector afterward, enabling rapid reset and reducing re-alarms • The access point controller is mounted in a safe and easily accessible location, next to an Excellence 2 IO controller • Testing can be initiated automatically from the Excellence CIE (control panel)

Detector Accessories

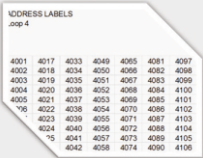| Description	Application
Vacuum accessory For detector cleaning and routine maintenance	**Features:** • Conventional vacuum cleaner attachment • Connects to a 1.5-inch (3.8 cm) suction hose/extension tube • Removes loose dust and debris by creating a high velocity vortex scrubbing action around the detector

Base Accessories

Ensures that every detector is installed optimally, and is completely compliant with the regulations. Every accessory is carefully designed to ensure minimum installation time, and matches the aesthetics of the detector, not only in colour and texture but also in all design aspects. This not only ensures safety, but also ensures that the aesthetics of the protected area are not negatively affected.

Every EXCELLENCE SERIES accessory is functionally approved with the detector.

Description	Application
Surface mount Available in a *Signal White* low gloss, easy clean finish Supplied complete with: • Base mounting screws	**Features:** • Large rear cable entry with ample space for cables • Side conduit entry protects cables from damage • Drill location and breakout support for conduit entry on 4 sides • Support for uneven mounting surfaces with stress relief • Installation fixture with first fix screw option reduces installation time and effort • Dual address tag locations avoid misalignment so that tags are visible • Supports standard EXCELLENCE SERIES bases without feature loss, all base features remain usable • Supports access to the selectable detector locking mechanism that protects against unauthorised detector removal
Cap Available in a *Signal White* low gloss, easy clean finish	**Features:** • Easy to install with simple "clip" mechanism • Saves rework time on installed, unused bases
Ingress Protection Available in a *Signal White* low gloss, easy clean finish Supplied complete with: • Base mounting screws	**Features:** • Dual rear cable entry with gland support and ample space for cables • Cable gland support to prevent water ingress on 4 sides • Drill location support for cable entry makes installation easy • External screw fixtures reduces risk of water ingress • Dual address tag locations avoid misalignmnet so that tags are visible • Supports access to the selectable detector locking mechanism that protects against unauthorised detector removal

Base Accessories

Description		Application
	Tag labels (self-adhesive) Available in *3 sizes*: • Small - for the base tag supplied with the base • Medium and larger labels for the optional tag accessory *Pre-printed* or *blank* • Pre-printed indicating loop number and address • Un-printed (blank) for customer specific indentification	**Features:** • Automatic adhesive for quick placement • Easy, aesthetic fit for clear address visibility • Pre-printed for no-fuss application, or unprinted for free format text
	Recess mount Available in a *Signal White* low gloss, easy clean finish Supplied complete with: • Base mounting screws	**Features:** • Easy to install with standard tile clips avoids any drilling • Enhances the detector low profile for aesthetically sensitive installations • Integrated trim skirt covers any uneven hole sides • Dual address tag locations avoid misalignment so that tags are visible
	Trim skirt Available in a *Signal White* low gloss, easy clean finish	**Features:** • Covers marks on the ceiling when new detectors are installed in old detector locations eliminating the need for ceiling touchups • Matches the colour and design of the EXCELLENCE SERIES detector base, allowing for an aesthetic, integrated look • Dual address tag locations avoid misalignment so that tags are visible • Detector alignment and insertion guides remain visible and are extended • Keyhole alignment screws similar to the standard base avoids rework on standard installation holes
	Address tag (large) Available in a *Signal White* low gloss, easy clean finish	**Features:** • Ample surface space for product identification label • Provides a suitable platform for customised labelling requirements • The designed break-line allows for the tag to be reduced in size for aesthetic purposes • Fits into any of the two insert location positions on the base or base accessory • Locks securely in place on the base

The next generation Future ready

EXCELLENCE SERIES ADDRESSABLE
CONTROL UNIT CATALOGUE
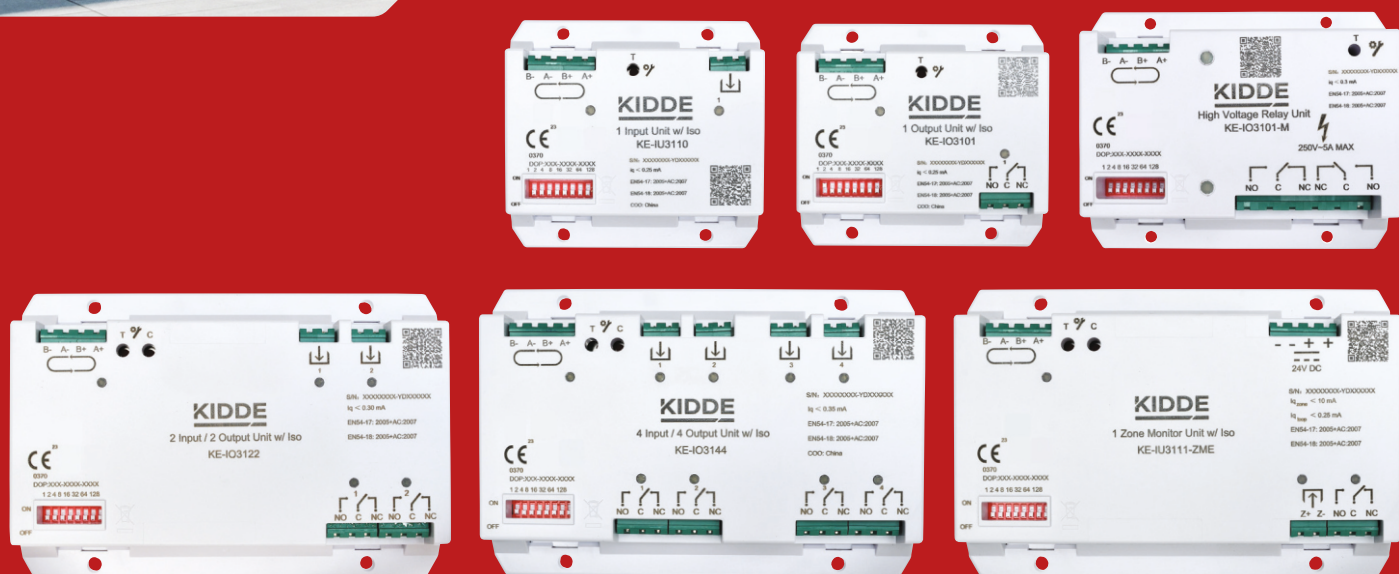
EXCELLENCE SERIES
addressable control units

The new Kidde Commercial EXCELLENCE SERIES control units form an intelligent range of next generation devices. They are DIN and wall mounted, freely connectable EN54 certified input and output (IO) control devices with multi coloured functional indicators. Delivered complete with pluggable connectors, loop test connector, trigger and end-of-line resistors, multiple optional accessories are available to facilitate most indoor and outdoor installation requirements.

New control units may be combined with legacy units on a new EXCELLENCE SERIES loop, making expansion or upgrading possible with a minimum of investment.
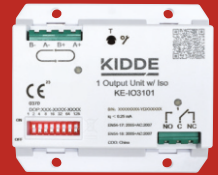
Compatible with Kidde Commercial's new fire control panel range for EUA, these devices support the new EXCELLENCE SERIES addressable communication protocol. With the EXCELLENCE SERIES protocol's support for legacy Aritech fire devices, the new control units may be combined with legacy units on a new EXCELLENCE SERIES loop, making system expansion or upgrading possible with a minimum of investment.

Features:

- Integrated short circuit isolation means that no additional short circuit isolator needs to be installed for additional device loop protection, saving installation time and cost

- DIN rail and wall mount options offers full flexibility for all installation types

- Various mounting cabinet options facilitate easy installation, matching with the CIE colour scheme for perfect aesthetics, and providing pre-fitted cable trunking for easy and neat internal cabling

- Well-established DIP switch addressing means no additional training or familiarising engineers with the product is required, saving time and cost

- A protected DIP switch prevents tampering and unintended address changes, reducing downtime and maintenance costs

- A tri-colour status indicator for the device offers clear local device status, avoiding unnecessary interaction with the CIE (control panel) to establish the real time status

- A tri-colour status indicator for every input and output offers clear local IO status on demand, avoiding unnecessary loop current consumption whilst still offering local real time status indication to make any fault finding easier

- Local test facilities for every input and output saves time in interacting with third-party equipment as well as avoids unnecessary system alarms that may be inconvenient for building occupants

- A pluggable loop connector, with link through facility, means easy first-fix installation and pre-commissioning cable testing prior to expensive equipment arriving on site, making installation quicker and preventing damage to equipment during building construction

- Pluggable input and output connections for easy first fix installation and device changes or upgrades

Indoor and outdoor applications

The EXCELLENCE SERIES input/output control range is suitable for surface mounting installations using industry standard DIN rails, so simple screw fix wall mount boxes. Its tri-colour device LEDs offers continuous, clear local indication of its operational status, whilst the individual tri-colour input- and output LEDs can be activated on demand to verify the individual input and output status of every IO channel. The clean face of the IO units is further enhanced by front access test facilities that allow individual groups of inputs and/or outputs to be tested without needing control panel interaction.

For outdoor applications, only a suitable IP housing is needed. All other functionality remains completely identical using the same IO device.
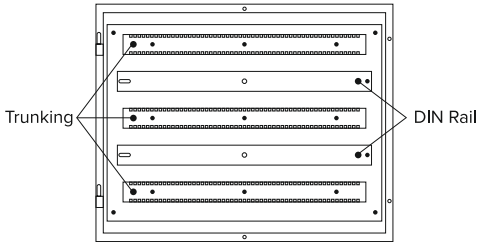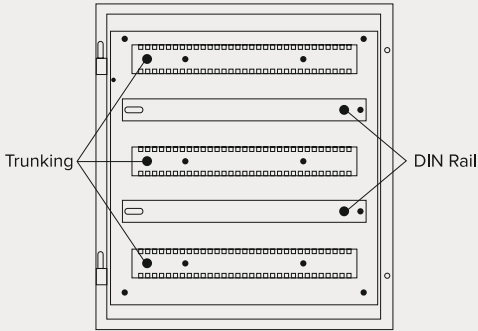
	Description	Application

KE-IU3110	**1 Supervised Input**
	Offers 1 x freely programmable bi-level supervised input and integrated loop isolation
	Supplied complete with:
	• Loop connector
	• Input connector
	• Supervision resistors for:
	  • Alarm 1
	  • Alarm 2
	  • End-of-line
	• Cable loopback connector
		Main function: Supervised interface for third-party products or systems
		May be used to monitor any potential free contact that provides additional information into the fire alarm system such as:
		• Fire door monitors
		• Ventilation monitors
		• Flow switches, pressure switches and valves
		• Elevator control monitors
		• Etc.
		Note: This device can co-exist with legacy Aritech 2000 series devices on an EXCELLENCE SERIES fire panel loop

KE-IO3101	**1 Relay Output** Offers 1 x freely programmable change over potential free relay and integrated loop isolation Supplied complete with: • Loop connector • Output connector • Cable loopback connector	**Main function: Potential free control for third-party products or systems** May be used to control any low voltage products or systems, typically 12 to 24 VDC, that extend the functionality of the fire alarm system such as: • Fire doors • Ventilation and air conditioning • Elevator/lift control • Emergency lighting • Gas valves • Etc. Note: This device can co-exist with legacy Aritech 2000 series devices on an EXCELLENCE SERIES fire panel loop
KE-IO3101-M	**1 Mains Relay Output** Offers 1 x freely programmable double pole mains relay and integrated loop isolation Supplied complete with: • Loop connector • Output connectors • Cable loopback connector	**Main function: Control of mains power supply for third-party products** May be used to control any high voltage products or systems, typically 220 to 240 VAC, that extend the functionality of the fire alarm system such as: • Motorised fire doors • Mains powered notification or mass notification systems • Ventilation and air conditioning • Elevator control • Etc. Note: This device can co-exist with legacy Aritech 2000 series devices on an EXCELLENCE SERIES fire panel loop

	Description	Application

KE-IO3122	**2 Supervised Inputs / 2 Relay Outputs**
	
	Offers 2 x freely programmable bi-level supervised input, 2 x freely programmable change over potential free relay and integrated loop isolation
	
	Supplied complete with:
	• Loop connector
	• Input connectors
	• Supervised resistors for:
	  • Alarm 1
	  • Alarm 2
	  • End-of-line
	• Ouput connectors
	• Cable loopback connector
		Main function: Supervised interface and control for third-party products
		
		May be used to monitor any potential free contact that provide additional input into the fire alarm system such as:
		• Fire door monitors
		• Ventilation monitors
		• Flow switches, pressure switches and valves
		• Elevator control monitors
		• Etc.
		
		May be used to control any low voltage products or systems, typically 12 to 24 VDC, that extend the functionality of the fire alarm system such as:
		• Fire doors
		• Ventilation and air conditioning
		• Elevator/lift control
		• Emergency lighting
		• Gas valves
		• Etc.
		
		Note: This device can co-exist with legacy Aritech 2000 series devices on an EXCELLENCE SERIES fire panel loop

KE-IO3144	**4 Supervised Inputs / 4 Relay Outputs**
	
	Offers 4 x freely programmable bi-level supervised input, 4 x freely programmable change over potential free relay and integrated loop isolation
	
	Supplied complete with:
	• Loop connector
	• Input connectors
	• Supervised resistors for:
	  • Alarm 1
	  • Alarm 2
	  • End-of-line
	• Ouput connectors
	• Cable loopback connector
		Main function: Supervised interface and control for third-party products
		
		May be used to monitor any potential free contact that provide additional input into the fire alarm system such as:
		• Fire door monitors
		• Ventilation monitors
		• Flow switches, pressure switches and valves
		• Elevator control monitors
		• Etc.
		
		May be used to control any low voltage products or systems, typically 12 to 24 VDC, that extend the functionality of the fire alarm system such as:
		• Fire doors
		• Ventilation and air conditioning
		• Elevator/lift control
		• Emergency lighting
		• Gas valves
		• Etc.
		
		Note: This device can co-exist with legacy Aritech 2000 series devices on an EXCELLENCE SERIES fire panel loop

KE-IU3110-ZME	**1 Conventional Zone Monitor** Offers 1 x conventional zone interface, 1 x relay output and integrated loop isolation Supplied complete with: • Loop connector • Zone connector • Supervision resistor for: • Standard end-of-line • Ouput connectors • Cable loopback connector	**Main function: Interfacing a conventional fire zone into the EXCELLENCE SERIES addressable system, providing 24 VDC power and supervision** May be used to monitor any zone of conventional fire alarm devices such as: • Conventional point detectors, standard or intrinsically safe • Conventional manual call points (MCPs) • Conventional flame detectors • Conventional beam detectors • Etc. Note: This device can co-exist with legacy Aritech 2000 series devices on an EXCELLENCE SERIES fire panel loop

Accessories – Surface mount back boxes

Offers cable entry from behind when used with hidden cable trunking, or knock-out cable entry from the top and bottom when surface mount cable trunking is used. The flexibility of cable entry from the large opening in the rear, or the dust proof knockouts at the top and bottom of the unit greatly enhances the applications for all types of installations. The back box may be rotated through 180° to position the selected entry orientation in the most convenient location at the top or the bottom of the unit. A perfect fit between the back box and the manual call point front is guaranteed by device alignment guides that avoid misalignment of the back box with the front part, presenting the manual call point as a single aesthetic product on the wall.

	Description	Application
N-IO-MBX-2	**Small wall box** Supplied complete with: • Cabinet keys • Fitted DIN rails • Fitted cable trunking	**Used for surface mounting multiple EXCELLENCE SERIES or third-party DIN modules** Trunking DIN Rail
N-IO-MBX-1	**Large wall box** Supplied complete with: • Cabinet keys • Fitted DIN rails • Fitted cable trunking	**Used for surface mounting multiple EXCELLENCE SERIES or third-party DIN modules** Trunking DIN Rail

The next generation

ADDRESSABLE MANUAL CALL POINT (MCP) CATALOGUE

Backwards compatible, future ready

The new Kidde Commercial Manual Call Point (MCP) is an intelligent range of next generation devices. They are multi-colored, EN54 type single action, indoor and outdoor devices with multi-lingual screen-printed functional indicators. Delivered complete with resettable element, test connector and test key, multiple optional accessories are available to facilitate most indoor and outdoor installation requirements.

Running on the new Kidde Commercial Excellence protocol, these devices integrate seamlessly with other Excellence Series devices. In addition they remain compatible with legacy Aritech fire panel ranges and may be used to replace legacy Aritech manual call points without the need for any system configuration changes.

Features and benefits:

01 Optional integrated short circuit isolation means that no additional shortcircuit isolator needs to be installed, saving installation time and cost

02 Well-established DIP switch mechanical addressing means no lost time in training and familiarising engineers with the product, saving time and cost

03 Dual, tri-color status indicators offering 180° alarm visibility means clear status visibility for the operator, maximizing safety

04 An alarm flag in addition to LED status indication means alarm indication even without power, preventing accidental alarm activation when the MCP is commissioned

05 Tamper resistant design with resettable or frangible element means fewer malicious activations, especially in public areas, reducing downtime and maintenance costs

06 Pluggable connectors with link through facility means easy first-fix installation and pre-commission cable testing prior to expensive equipment arriving on site, making installation quicker and preventing damage to equipment during building construction

07 Unobtrusive front-facing test facility means that test access is ensured, quickly and easily without dismantling

08 Surface and recess mount options means flexible installation for any application

09 Fast, no-tools-required maintenance using the test key means reduced costs for time spent locating specialist tools

10 Accessory back box with rear, top and bottom cable entry means quick and flexible installation, reducing installation time and cost whilst ensuring dustproof seals for unused side entry points

11 Screen connection terminal means easy screen continuity connection in electrically noisy installations, saving installation time and cost

Indoor applications

The indoor MCP range is suitable for surface and recess mount installations using standard or legacy European style electrical boxes. With its dual, tri-colour LEDs it offers 180°, clear local indication of its operational status, even from a side view in a passage installation. The clean face of the MCP is enhanced by offering a front access facility for maintenance purposes. The specially designed test key allows not only the testing of the MCP for proper operation, but also enables disassembly of the front cover for frangible element replacement or access to the fastening screws which are hidden for aesthetic and safety purposes.

	Description	Application
	Red EN54-11 MCP **Supplied complete with:** • Resettable element • Test key • Pluggable cable connector • Cable loopback connector • Dust cover	Main function: Manual fire alarm activation **Kidde Commercial Excellence** **Support for legacy protocols:** • Kidde Commercial Aritech 2000 **Variants available with:** • Integrated isolation • "House on Fire" functional indicator • "House on Fire" functional indicator and English "FIRE" text • "House on Fire" functional indicator and Polish "POŻAR" text • "House on Fire" functional indicator and Swedish "BRANN-LARM" text
	Orange CE MCP **Supplied complete with:** • Resettable element • Test key • Pluggable cable connector • Cable loopback connector • Dust cover	Main function: Smoke extraction activation **Kidde Commercial Excellence** **Support for legacy protocols:** • Kidde Commercial Aritech 2000 **Variants available with:** • Integrated isolation • English "SMOKE EXTRACTION" text *Other versions available on request*
	Yellow CE MCP **Supplied complete with:** • Resettable element • Test key • Pluggable cable connector • Cable loopback connector • Dust cover	Main function: Emergency evacuation, but also used for non-gaseous extinguishing systems **Kidde Commercial Excellence** **Support for legacy protocols:** • Kidde Commercial Aritech 2000 **Variants available with:** • Integrated isolation • Dutch "HANDVERSIE HET DOVENDE SYSTEEM" text • English "EXTINGUISHANT RELEASE" text • French "DÉCLENCHEUR MANUEL SYSTÈME D'EXTINCTION" text *Other versions available on request*
	Green CE MCP **Supplied complete with:** • Resettable element • Test key • Pluggable cable connector • Cable loopback connector • Dust cover	Main function: Evacuation route access **Kidde Commercial Excellence** **Support for legacy protocols:** • Kidde Commercial Aritech 2000 **Variants available with:** • Integrated isolation • "Running Man" functional indicator *Other versions available on request*

Indoor applications *(continued)*

Description	Application
Blue CE MCP **Supplied complete with:** • Resettable element • Test key • Pluggable cable connector • Cable loopback connector • Dust cover	Main function: Local alarm **Kidde Commercial Excellence** **Support for legacy protocols:** • Kidde Commercial Aritech 2000 **Variants available with:** Integrated isolation • English "EVACUATION ALARM" *Other versions available on request*
White CE MCP **Supplied complete with:** • Resettable element • Test key • Pluggable cable connector • Cable loopback connector • Dust cover	Main function: Event notification, but also used for non-gaseous extinguishing systems **Kidde Commercial Excellence** **Support for legacy protocols:** • Kidde Commercial Aritech 2000 **Variants available with:** • Integrated isolation • "House on Fire" functional indicator • English "ABORT EXTINGUISHING SYSTEM" *Other versions available on request*

Accessories – surface mount back boxes

Our surface mount back boxes offer cable entry from behind when used with hidden cable trunking, or knock-out cable entry from the top and bottom when surface mount cable trunking is used. The flexibility of cable entry from the large opening in the rear, or the dust proof knockouts at the top and bottom of the unit greatly enhances the applications possible for fitting in all types of installations. The back box may be rotated through 180° to position the selected entry orientation in the most convenient location at the top or the bottom of the unit. A perfect fit between the back box and the manual call point front is guaranteed by device alignment guides that avoid misalignment of the back box with the front part, presenting the manual call point as a single aesthetic product on the wall.
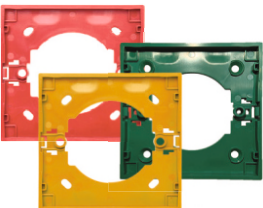
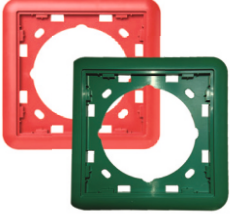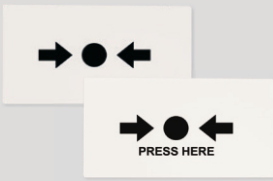|	Description	Application
	Red wall box supplied with: • MCP fixing screws • Cable screen/earth connector	Used for surface mounting of red MCPs
	Orange wall box supplied with: • MCP fixing screws • Cable screen/earth connector	Used for surface mounting of orange MCPs
	Yellow wall box supplied with: • MCP fixing screws • Cable screen/earth connector	Used for surface mounting of yellow MCPs
	Green wall box supplied with: • MCP fixing screws • Cable screen/earth connector	Used for surface mounting of green MCPs
	Blue wall box supplied with: • MCP fixing screws • Cable screen/earth connector	Used for surface mounting of blue MCPs
	White wall box supplied with: • MCP fixing screws • Cable screen/earth connector	Used for surface mounting of white MCPs

Outdoor applications

The weatherproof range of single action MCPs is a standard profile, outdoor MCP suitable for surface mount installations using the back box supplied with the product. With its designer, dual tricolour LEDs it offers 180°, clear local indication of its operational status, even from a side view. The clean face of the MCP is further enhanced by offering a front access facility for maintenance purposes. The specially designed test key allows not only for testing the MCP for proper operation, but also disassembly of the front cover for frangible element replacement or access to the fastening screws which are hidden for aesthetic and safety purposes.

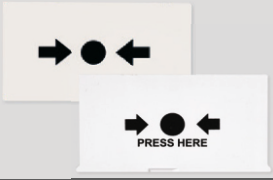|	Description	Application
	Red EN54-11 MCP **Supplied complete with:** • Cable glands • IP plug • Resettable element • Test key • Pluggable cable connector • Cable loopback connector • Dust cover	Main function: Manual fire alarm activation **Kidde Commercial Excellence** **Support for legacy protocols:** • Kidde Commercial Aritech 2000 **Variants available with:** • Integrated isolation • "House on Fire" functional indicator • "House on Fire" functional indicator and English "FIRE" text • "House on Fire" functional indicator and Polish "POZ. AR" text • "House on Fire" functional indicator and Swedish "BRANN-LARM" text *Other versions available on request*
	Green EN54-11 MCP **Supplied complete with:** • Cable glands • IP plug • Resettable element • Test key • Pluggable cable connector • Cable loopback connector • Dust cover	Main function: Manual fire alarm activation **Kidde Commercial Excellence** **Support for legacy protocols:** • Kidde Commercial Aritech 2000 **Variants available with:** • Integrated isolation • "Running Man" functional indicator *Other versions available on request*

Other accessories and options

	Description	Application
	Protection flip cover **Supplied complete with:** • Anti-tamper seal	Is used to protect the manual call point from accidental activation by enabling a two-step activation action. The user needs to lift the cover before activating the alarm. Even with the flip cover in place and locked, access is provided to the test facility of the MCP via the hole in the front. **Variants available with:** • no text • Swedish "Lyft locket – Tryck in glaset" text
	Metal test key	This robust dual purpose key allows for both testing and maintenance of compatible manual call points. The key is designed to be clearly differentiated from all other keys. Other than its colour, it's design in the shape of the compatible manual call point makes its purpose for fire engineers unmistakable. Sharp edges in the design are avoided to eliminate any discomfort when used or carried.
	Adapter plate	Used as a recess mount accessory, it allows for mounting the manual call points on an embedded wall box. It may also be used as an adapter plate for 3rd party surface mount boxes.Recess mounting reduces the overall protruding height of the manual call point substantially thereby improving the aesthetics of the device when fitted to the wall. This is available in Red, Green and Yellow.

Other accessories and options *(continued)*

	Description	Application
	Recess mount trim skirt	Offers the possibility to cover unsightly gaps between the wall and a recess mount manual call point. It is placed between the manual call point front and the wall and attaches with the same screws that normally fits the manual call point to its standard back box. If special mounting options are required with other fitment locations or other types of wall boxes, the trim skirt may be paired with a recess mount adapter allowing additional fitment options for installations on most high-quality European wall boxes. This is available in Red and Green.
	Glass trigger element Optional replacement for the resettable element	Supported by a fit-for-purpose break line, it allows the manual call point to be easily activated without the need for tools or injury to the operator. A protective film prevents the element from splintering when broken. Available in standard EN54 layout or with "Press Here"

Parts *(supplied with product or with accessories)*

	Description	Application
	Dust cover Supplied with every MCP	Limits the ingress of dust from building materials into the manual call point during construction or renovation of the building. It additionally provides clear indication to the user that the device is currently out of service, avoiding dangerous situations from occurring when alarm notification is needed. In addition to the functional marking, the dust cover displays outof-service in Dutch, English, French, German and Italian text.
	Resettable plastic trigger element Supplied with every MCP	Allows the manual call point to be reset after activation without the need to replace the element. Available in standard EN54 layout or with "Press Here"
	Pluggable cable connector Supplied with every MCP	Allows for the easy connection and disconnection of cables to the manual call point to simplify installation and maintenance.
	Cable loopback plug Supplied with every MCP	To fit snugly into the pluggable cable connector to allow for loop continuity testing even when the MCP is not installed.
	Anti-tamper seal Supplied with every protection flip cover	Allows the manual call point flip cover to be "locked" to the manual call point, forcing a 3-stage operation and eliminating accidental or tamper alarms. The seal can be easily removed without the need for special tools.
	Plastic test key Supplied with every MCP	This dual purpose key allows for both testing and maintenance of compatible manual call points. The key is designed to be clearly differentiated from all other keys. Other than its colour, it's design in the shape of the compatible manual call point makes its purpose for fire engineers unmistakable. Sharp edges in the design have been avoided to eliminate any discomfort when used or carried.

Kidde Commercial

New Conventional Series

Setting the New Standard in Fire Detection

Conventional fire detection systems

Conventional fire detection systems are a tried and tested solution for detecting fires. Although they have more limited functionality than addressable systems, they still offer a cost effective and efficient solution for small to medium applications.

Why Use A Conventional Fire Detection System?

▶▶ **Cost-Effectiveness:** Conventional systems are generally less expensive to install than addressable systems and are more budget-friendly for smaller installations or projects with limited funds.

▶▶ **Simplicity:** Conventional systems are relatively simple in design and operation.

▶▶ **Zone Identification:** Conventional systems divide protected areas into zones, allowing firefighters to identify the general location of a fire. It can also be used for larger facilities where pinpoint accuracy is not critical.

Overall, the type of system used will depend on the size and type of application, as well as budget.

Why Use The New Kidde Commercial Conventional Panel?

The new Kidde Commercial conventional system has been updated to offer even more features than before.

The Kidde Commercial solution has been designed to make the installer's job easier with a system that:

▶ is easy to install, commission and maintain

▶ provides a complete, fully certified solution

▶ is cost effective for small to medium applications

What About The Devices?

The Kidde Commercial conventional system provides a full range of detectors, relay bases and manual call points:

The detectors available include: optical, heat, optical/heat and reflective beam detectors.

Base options include: standard, diode, relay and dual relay bases

Manual call point options include: Flush fit and surface mount wall boxes, with recess mount accessories for aesthetically sensitive areas where the side profile is important.

Wireless

M oduLaser / ASD

Beam / Flame Detectors

Up to 256 devices
(8 zones x 32 devices)

Relay Devices

I.S. devices

Zone Powered Devices

Combined devices

Standard or I.S. output devices

Notification Devices

Up to 64 panel network (combined 1X, ZP1, KFP-C, 2XA)

KIDDE
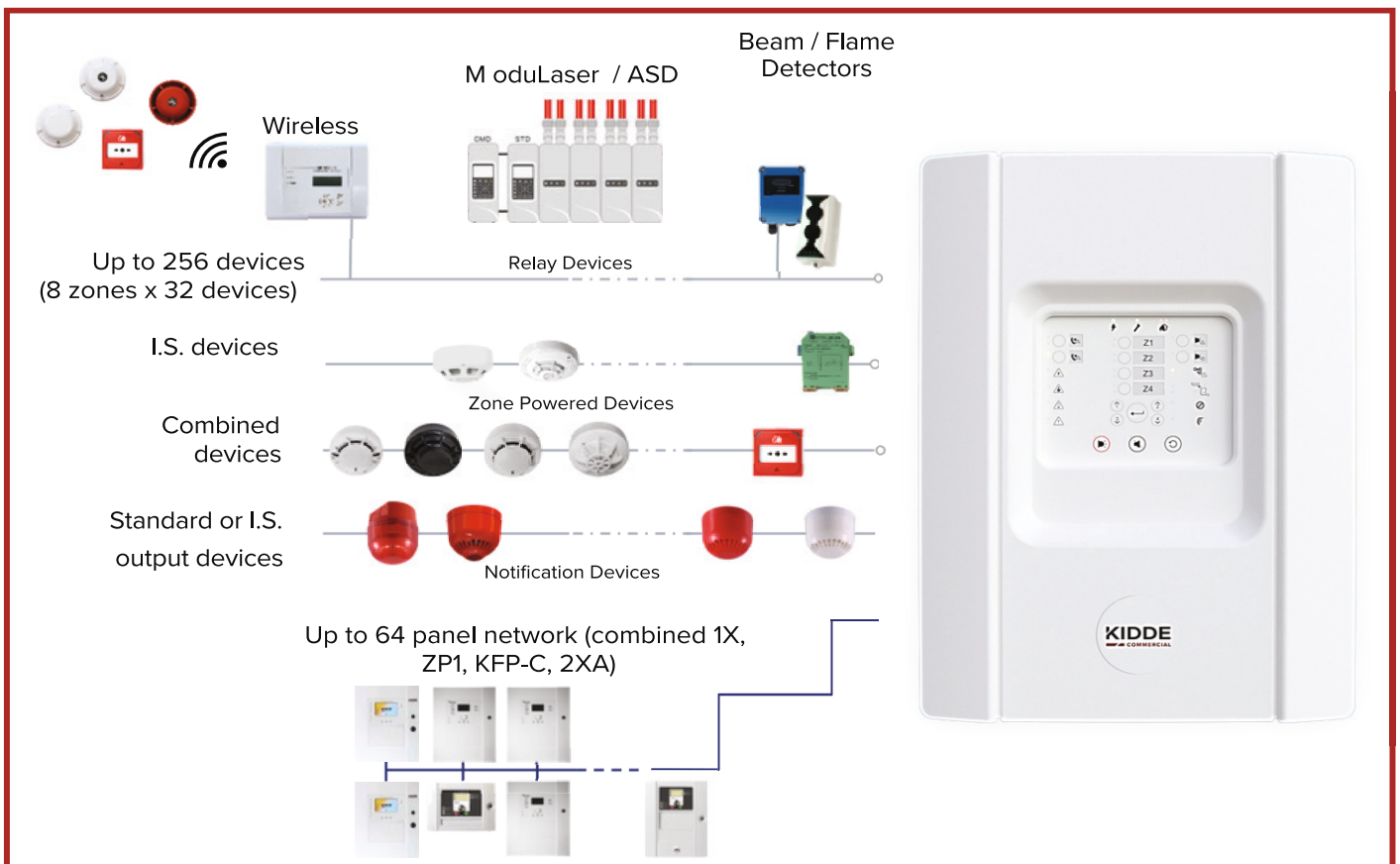
Key Applications

Conventional fire detection systems are an ideal solution for a wide range of applications, including:

Multi Family / Senior Living

Warehouse / Light Industry

Education

Offices
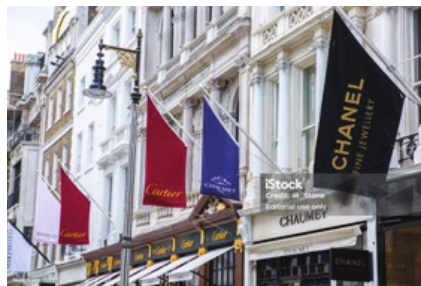
Medium Retail

Small / Medium Hotels

Small Apartment Blocks

Small Retail / Restaurants

Emergency Services

"Easy to install, commission and maintain. The Kidde Commercial conventional system has a full range of detectors and devices to meet the needs of almost all small–mid-range applications."

Ordering Information

Conventional fire detection systems are an ideal solution for a wide range of applications, including:

Panels

Kidde Model	Kidde Description
NC-PF2	NC Conventional Fire Panel with 2 Zones
NC-PF2-SC	NC Conventional Fire Panel with 2 Zones and Scandinavian Key
NC-PF4	NC Conventional Fire Panel with 4 Zones
NC-PF4-SC	NC Conventional Fire Panel with 4 Zones and Scandinavian Key
NC-PF8	NC Conventional Fire Panel with 8 zones
NC-PF8-SC	NC Conventional Fire Panel with 8 Zones and Scandinavian Key
NC-PX3	NC Conventional Fire Extinguishing Panel with 3 Zones
NC-PX3E	NC Conventional Fire Extinguishing Panel with 3 Zones and Networking
NC-PX3E-SC	NC Conventional Fire Extinguishing Panel with 3 Zones, Networking and Scandinavian Key
NC-PX3-LK-09	NC Language Kit for Fire Extinguising Panel - Spanish
NC-PX3-LK-10	NC Language Kit for Fire Extinguising Panel - Italian
NC-PX3-LK-21	NC Language Kit for Fire Extinguising Panel - Portuguese
NC-PX3-LK-36	NC Language Kit for Fire Extinguising Panel - French (International)
NC-PX3-LK-45	NC Language Kit for Fire Extinguising Panel - Romanian
NC-PX3-LK-99	NC Language Kit for Fire Extinguising Panel - English (International)

Devices

Kidde Model	Kidde Description
NC-DPO-W	Conventional Point Detector - Optical (White)
NC-DPH-W	Conventional Point Detector - Category A/B Heat (White)
NC-DPM-B	Conventional Point Detector - Optical/Heat (Black)
NC-DBO	Conventional Beam Detector - Reflective

Accessories

Kidde Model	Kidde Description
NC-DB-W	Conventional Detector Accessory - Base (White)
NC-DB-B	Conventional Detector Accessory - Base (Black)
NC-DBD-W	Conventional Detector Accessory - Diode Base (White)
NC-DBR-W	Conventional Detector Accessory - Relay Base (White)
NC-DB2R-W	Conventional Detector Accessory – Dual Relay Base (White)
NC-D-PT	Conventional Device Programmer

Manual Call Points

A variety of manual call points is offered, including indoor and outdoor variants available in six colors with multiple functional markings in various languages, with or without LED alarm indication.

KIDDE

Kidde Commercial is using the innovation of the last 100 years to provide a springboard for greater innovation and support for our customers moving forward.

To learn more about Kidde Commercial, please visit :
firesecurityproducts.com/en/page/kidde-commercial

Kidde Commercial - EMEA

FAALİYET ve HİZMET ALANLARIMIZ

YANGIN ALGILAMA SİSTEMLERİ

YANGIN SÖNDÜRME SİSTEMLERİ

ACİL AYDINLATMA VE YÖNLENDİRME SİSTEMLERİ

DUMAN VE ISI TAHLİYE SİSTEMLERİ

YANGIN DURDURUCU ÜRÜNLER

ÇEVREYE DUYARLI BİTKİSEL ÜRÜNLER

YANGIN SÖNDÜRME VE KURTARMA ARAÇLARI

PROJE TASARIM VE DANIŞMANLIK

emeko

Emeko Teknik Malzeme İnşaat San. Tic. A.Ş.

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