NOTIFIER by Honeywell:
Pearl™ - intelligent fire detection and alarm system
Notifier by Honeywell: Pearl™

A new era in fire detection technology

Notifier has been providing fire detection systems for over 50 years. Always robust, flexible, and backward compatible a Notifier system is designed to provide the peace of mind you’d expect from a life safety system, combined with real value over the lifetime of the system.

Building on this heritage, the Pearl intelligent addressable fire alarm control panel lies at the core of a system which combines exceptional fire detection technology, cutting edge warning and evacuation devices and super fast networking capability, all in one intuitive and easy to use system.

Immunity to false alarms
Crucially, a Pearl system is designed to combat false alarms once and for all, even in conventionally difficult to protect environments.

Regulatory Compliance
Pearl is third party approved to EN54, CPD & LPCB, and by choosing a Notifier Engineered Systems Distributor you can be confident that you are working with a company that is fully trained to design, install and maintain a Notifier fire system.

At the heart of the ultimate false alarm immunity system

Pearl™: simple, adaptable and cost effective.
- New digital Opal loop supporting more class-leading Notifier devices than ever
- Super fast Notifier ID2net Networking
- Flexible for system extensions / changes
- Easy to use and understand
- The 1 loop Pearl™ matches the capability of most 2 loop panels on the market
- The 2 loop Pearl™ matches the capability of most 4 loop panels on the market

In London alone, a fire engine is called once every 12 minutes to a false alarm, at a cost of £34 million every year. In 2011, throughout the country, there were nearly a quarter of a million false alarms.

The ultimate in false alarm protection

Pearl lies at the heart of a system designed to combat false alarms once and for all, even in conventionally difficult to protect environments.

The Pearl system drives Notifier’s extensive range of intelligent detectors, advanced detection products, input and output devices, repeaters and mimic drivers. This allows you to fit the best detection technology without sacrificing the ability to adapt your system in the future. The Pearl also uses sub-addressing to maximise the potential benefits of multi-sensors and interfaces.

**FAAST Aspiration**
A ground breaking aspiration solution designed to deliver highly accurate and discreet early warning fire detection. Unique dual vision technology and intuitive features allow access to data from anywhere in the world, outperforming competitor systems. FAAST delivers zero false alarms, zero downtime and 100% business confidence.

**Panel Features: Advanced Programming**
Pearl’s advanced programming features are designed to engineer out false alarms. Using intelligent detection and programming options, the Pearl system ‘learns’ its environment to deliver cutting edge detection, warning and evacuation technology – all in one intuitive, easy to use system.

**Opal Beam Detector**
The Opal addressable beam detector is an intelligent reflector type linear optical beam smoke detector designed to operate in difficult to protect areas. Advanced intelligent adjustment and drift compensation for optimum sensitivity within environments susceptible to false alarms.

**VIEW Smoke Detector**
The VIEW Intelligent High Sensitivity Smoke Detector laser sensor uses an extremely bright laser diode, special lens and mirror optics to achieve sensitivity one hundred times greater than standard photoelectric technology. A fully integrated, proven system which pinpoints the fire location using multiple device dependency to avoid false alarms.

**SMART Detection**
Notifier’s unrivalled portfolio of advanced detection has proven invaluable in combating nuisance alarms. Building on this, the Pearl introduces new cause and effect capabilities using intelligent self optimisation and monitoring of all the signs of a potential fire. This enables even greater false alarm management to be designed into the system.

**Response Paging System**
A cost effective and flexible paging system that offers the ability to quickly respond to activated alarms. The solution consists of a wall mounted transmitter and antennae that can send customised messages to designated pagers and are powerful enough to cover large areas. This early warning enables visual checking before the decision to evacuate is made, thus reducing time and costs associated with unnecessary evacuation.
Immunity to false alarms

Pearl for flats and student accommodation

Sheltered housing, student accommodation and apartment blocks all have unique changes in protecting residents and avoiding nuisance false alarms. Evacuating a complete block of flats each time an alarm is activated causes major problems for all involved. With Pearl, when a device in an individual flat, for example, picks up a smoke signal, the Pearl software ensures that a general alarm will only be activated and the building evacuated if heat or smoke persists for a predetermined time period or extends to a second device. If not, the system automatically resets itself. This also enables the resident or warden to investigate whether or not there is a real fire-related incident.

Pearl for Offices

Today, businesses increasingly require more flexible, modern office space which can be adapted easily to meet changing commercial needs. Pearl gives you fire protection that’s flexible to your needs and easy for office staff to use. As well as having a broad choice of detection to balance best detection and almost complete false alarm immunity, the Pearl system has features to allow staff on site to confirm an alarm signal before evacuation. Pearl balances the need for fast fire detection and evacuation with the need for a flexible easy to use, future proof system and all the time keeping a close eye on the budget.

Lifetime cost of ownership

The Pearl system delivers a host of benefits from design, installation and commissioning to daily operation and routine maintenance, all in one cost-effective package.

Peace of Mind

We never underestimate the key role fire systems play in quickly identifying a potential fire, alerting building occupants to the potential danger and prompting them to take appropriate action. However, 50 years’ experience at the forefront of the fire industry have taught us that, beyond this fundamental need, our customers’ requirements differ enormously. Which is why Pearl systems can be tailored to a specific building whatever its function. Meaning you only pay for what you need.

Freedom of choice

Notifier works with a network of over 50 independent fire installation, commissioning and maintenance companies. Every one of them has completed a comprehensive training programme and has direct access to extensive product, technical and application support.

So, when it comes to choosing a company to install and maintain your Pearl system, you can be confident of complete freedom of choice and the assurance you are working with a company that boasts the experience and expertise to meet your specific challenge.

Flexibility

The Pearl is capable of not only monitoring its own performance but adapting to the changing environment within different areas of a building. This intelligent approach to fire detection has resulted in a stable, fault-tolerant system which provides uninterrupted protection whilst practically eliminating the potential for nuisance false alarms. When selecting and installing a fire system, offices, factories, schools, historic buildings, laboratories and data centres all pose their own distinct individual challenges. But rest assured, Notifier’s flexible approach, backed by the expertise of the companies who install our systems, means the requirements of any building can be fully met. And with low cost service and system upgrade costs, those requirements can be met cost-effectively.

Pearl™

Intelligent Addressable Fire Alarm Control Panel

System Features

- Large, clear display with guidance via help button in managing fire events
- 1 or 2 loop models available
- 318 devices per loop (159 detectors plus 159 modules)
- 64 zones of fire detection with LED indication per zone
- 2 programmable outputs – monitored for open and short circuits
- 2 programmable inputs
- 4 soft keys programmable to the needs of the user
- Advanced Cause and Effect programming
- Cable entry through punched holes – no need to knock out blanks
- Custom logo on quiescent screen
- Day/Night mode configurable for site specific requirements
- Class change facilities
- Loop auto-learn function
- Backlit buttons and on screen help for user guidance
- CPD approved by LPCB (BRE)
- 6 line text repeater available for event control
Notifier by Honeywell: Safety, Integrity and Heritage.

Notifier by Honeywell is the world’s largest manufacturer and supplier of engineered fire alarm systems. With over 400 Engineered Systems Distributors worldwide, and regional support on every continent, we have the flexibility to meet our customers’ requirements. With over 50 years of experience, we offer unrivalled specialist knowledge and products designed to meet all needs. Notifier offers a comprehensive line of quality fire detection and alarm control solutions.

These include everything from smoke detection and notification, nonaddressable fire alarm panels, analogue addressable systems, to advanced network and integration packages. As a leader in the fire safety market, Notifier is dedicated to the highest standards of service and product quality. Our operations are accredited to ISO 9001 and our products are designed and manufactured to meet every major international approval, including LPCB, VdS, UL, ULC and BOSEC/ANPI.

Notifier is a division of Honeywell International, a diversified technology and manufacturing leader, serving customers worldwide. By partnering with Notifier, you have the reassurance of working with a company of global standing that provides cutting edge fire detection systems.