

# VIMPEX

Voice Sounders & Evacuation Solutions



## Product Overview

Fire-Cryer<sup>®</sup> Voice Sounders  
Sounders, Bells and Visual Alarm Devices  
Linear Heat Detection  
Water Leakage Detection  
Manual Call Points  
Door Holders  
Photoluminescent Life Safety Signage

## Fire Alarms

Electronic Sounders

Linear Heat Detection

## EN 54-3

## Voice Sounders

## EN 54-23

## Evacuation

Fire Bells

## Strobes

# Fire-Cryer® Plus - Voice Sounders

The Fire-Cryer® Plus voice enhanced sounder has been developed to counteract the ever-increasing problem of audible alarms being ignored. It eliminates any potential confusion by combining the normal sounder signal with a clear and unambiguous voice message.

Fire-Cryer® Plus products require no special wiring and can be retrofitted to existing installations. They are fully synchronised and have an exceptionally low current consumption allowing simple replacement of existing sounders and bells. Up to 7 different messages can be selected from a library of hundreds - with foreign language and bespoke messages also available.

## Fire-Cryer® Plus



- Sound output - 100 dB(A)
- Optional integral strobe
- Low current - average 20 mA
- No special wiring, easily retro-fitted
- Fully synchronised over multi-zones
- Deep base version available to IP66



## Mini Fire-Cryer® Plus



- Sound output - 90 dB(A)
- Ultra-slim base sounder to fit industry-standard detectors
- Omni-directional sound output
- Choice of colour to match detectors
- Installer-friendly connections
- Suitable for ceiling or wall mounting
- Optional front plate for stand-alone use



## Maxi & Midi Fire-Cryer® Plus

High-powered voice sounders designed for environments such as industrial applications and large open spaces like warehouses and factories.

- Sound output 100 to 116 dB(A)
- Rugged and weatherproof enclosures
- Low current - average 100 mA
- Ideally suited for open areas and noisy environments



## Fire-Cryer® Extinguishant PCB

Fire-Cryer® Plus can be seamlessly integrated into any gas suppression system using this switching PCB. The board can be interfaced with extinguishant control panels to give verbal warnings of each stage including gas release; thereby increasing safety at the same time as saving on wiring costs



## Voice Message Controller

In order to manually control the 7 messages on a Fire-Cryer® Plus system, the Voice Message Controller can be used. The VMC is a fully wired switching interface with clear operation instructions printed on the fascia.

- Ideal for retrofit installations
- Eases integration of the Fire-Cryer® Plus at new sites
- Can be linked for synchronisation over numerous zones
- Ease of use benefits the customer



## Ani-Mate® Sounder

True (sub 400 Hz) animal-friendly sounder which leaves dogs, horses and smaller mammals undisturbed. The Ani-Mate® is suitable for use in areas that house mammals that might be sensitive to standard electronic sounders.

- Sub 400 Hz frequency designed to minimise stress to animals
- 24 V dc operation means easy interface to existing systems
- Low power consumption
- Attractive, low profile design
- Wide volume control: 83 to 92 dB(A)



The Banshee Excel™ range of sounders, beacons, sounder beacons and accessories represents the most modern, acoustically advanced and by far the most versatile range of conventional electronic sounders, combined units and dedicated beacons available on the market today.



All sounders and sounder beacons (apart from the Banshee Excel™ BD Bedroom Sounder) come with 32 user-selectable tones incorporating low frequencies, high frequencies, European, American and Australian norms and all industry-standard frequency patterns. Tested and approved to EN 54 Part 3 and where appropriate EN 54 Part 23, the Banshee Excel™ range boasts leading acoustics, aesthetically pleasing designs and low power consumption.

The Banshee Excel™ BS Base Sounder is the thinnest platform sounder on the market and is renowned for its reliable 360° sound dispersal. The Banshee Excel Lite™ sounder beacon units offer all the functionality of the Banshee Excel™ sounders, together with either Xenon or LED beacon technology and several different coloured lenses to enhance the evacuation signal. The Banshee Excel™ FlashDome stand-alone beacon features ultra-efficient LEDs and is ideal for use in fire alarm systems which need to be upgraded or designed for conformity to DDA requirements. Together, the Banshee Excel™ products are unmatched for diversity and ease of installation.

The Banshee Excel™ range is complemented by a wide selection of accessories to suit all applications.



The fire alarm bell is the traditional way to signal fire. Due to the broad sound frequency content of a natural ringing tone, the bell is still arguably the most effective tone-only fire alarm device. This LPCB-approved range of fire bells boasts high sound output and very low power consumption.



- Very low current consumption - 11mA
- Excellent sonorous tone - up to 100 dB(A)
- Dedicated weatherproof versions
- 24 V bells certified by LPCB to EN54-3:2001



## StroBell Combination Unit

The StroBell combined bell and strobe is an innovative way to combine the benefits of a traditional bell with a bright xenon strobe.



- Quick to install bell/strobe combination
- Terminals can be isolated for use as a two-stage alarm
- Bright Xenon LED ideal for DDA-compliant systems

## Strobe Lights

### Vimpex VAD23™ Range



The Vimpex VAD23™ range of Visual Alarm Devices meet the requirements of EN 54-23, the new European product standard.

With models that combine both a traditional electronic sounder or a voice sounder with a low current EN 54-23 rated VAD, the Vimpex VAD23™ is truly the most versatile family of visual alarm devices currently available - providing flexible solutions for the designer and end user.

### VX Series



The VX Series of Xenon Strobes offers a wide range of voltages and light outputs to meet a diverse range of internal and external visual signalling requirements. All VX series are available with 5 different coloured lenses and are IP65 or IP67 rated.

### Banshee Excel™ FlashDome



The Banshee Excel FlashDome features ultra-efficient LEDs and is ideal for use in fire alarm systems which need to be upgraded or designed for conformity to DDA requirements.

## Signaline Linear Heat Detection

Linear heat detection provides early detection of fire conditions or overheating of equipment, plant or the surrounding area. Signaline linear heat detection cables are conventional heat detectors in a linear form. They sense heat anywhere along their length and are designed to be used in commercial and industrial applications.

Heat sensing cables can be used with or in place of conventional heat detectors or where conventional heat detection is expensive or difficult to install and maintain.



- Highly cost effective
- Easily installed
- Maintenance free
- Can be used in intrinsically safe areas and dusty or harsh environments down to -40 °C

Two types of Signaline linear heat detection cable are available; Fixed Temperature - **Signaline FT** and Analogue - **Signaline HD**.

### Applications

- Cable Trays
- Plant Rooms
- Vehicles
- Multi Storey Car Parks
- Industrial Kitchens
- Warehouses
- Waste Recycling Facilities
- Process Plants & Power Stations
- Hazardous Areas
- Shipping & Marine

## ReSet Call Point

The ReSet resettable call point mimics the look and feel of glass. By using an ingenious patented mechanism, the ReSet enables call points to be properly tested every time with minimum hassle.



- An appearance of glass maintains operator deterrence
- Positive activation mimics the feel of breaking glass
- Visible warning flag confirms activation - a real test every time!
- Simple key to reset operating element - no broken glass
- No glass elements to break, lose or incorrectly fit during installation
- Several switching arrangements, including one for 2-wire systems
- Low profile, heavy-duty terminations
- Weatherproof version available
- Available in five colours



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## Hydrosense

The Hydrosense Water Detection System is designed to protect areas where water leakage could seriously damage electrical, communication and computer networks. When installed in vulnerable areas it continuously monitors for water leaks. Hydrosense can be installed in a wide range of applications including HVAC, sprinkler systems and water-cooled plant.



## Detection

Hydrosense offers the flexibility of two methods of detection - probes and cable. Probes are either floor mounted with an adjustable height setting or fitted to a AC drip tray. A float switch alarm is also available.

The flexible Hydrowire detection cable is available in 5 and 10 metre lengths and can continuously monitor large areas. A small amount of water coming into contact with Hydrowire is absorbed by capillary action and triggers the alarm. Using the Fire-Cryer®, a voice message can be broadcast avoiding confusion with other sounders on site.

- 2 - 48 zone panels available
- Choice of panel design and mounting
- Fully monitored detection and alarm circuits
- Easily installed, serviced and maintained
- Dedicated Fire-Cryer® 'Water Leakage' messages available
- Remote 'Water Alarm' lamp units available
- Auxiliary alarm contacts
- Zone breaker cable available

A range of accessories is available for the Banshee Excel range of electronic sounders and sounder/beacons, Mini Fire-Cryer® voice enhanced sounder and fire alarm bells.

## Combination Bracket

Allows any bell or sounder to be fixed next to a dedicated strobe/beacon.



## External Fixing Clip

Enhances the weatherproof rating of the Banshee Excel range by providing external fixing lugs.



## Mains Pack

The 110/230 V ac to 24 V dc IP66 weatherproof mains pack allows the use of any Banshee Excel Sounder, Sounder Beacon or FlashDome to be powered directly from a mains supply.



## Flush Mounting Ring



Provides an aesthetic solution for ceiling mounting strobes and sounders.

## Wireless Acoustic Door Holder



This wireless battery-powered magnetic Door Holder is triggered acoustically when the fire alarm sounders are activated. No external wiring is required and the unit is typically powered in excess of 12 months by 2 standard 'C' battery cells.

## Wired Door Holders



An extensive range of door holders available in both metal and plastic enclosures.

## Remote Indicator



The square remote indicator is fitted with a wide range LED and is suitable for operation with conventional and most addressable systems.

## Alarm Indicator Buzzer Unit



The Vimpex BZIL is an indicator with sounder unit. It is designed to be connected to a conventional sounder circuit or strobe circuit from a control panel.

# Anti-Vandal Range

The Anti-Vandal range has been designed to protect essential fire and security equipment and counteracts the effects of malicious false alarms, equipment damage and the unauthorised use of emergency exit doors.

## Smart+Guard Protective Call Point Covers



The Smart+Guard is a tough polycarbonate hinged protective cover that can easily be installed over call points and emergency switches to provide protection from vandalism, accidental damage or misuse.

- Designed for ease of installation - can be fitted in minutes
- An optional battery powered 90dB alarm can be fitted increasing security and protection
- A break seal can also be fitted to increase the visible deterrent against misuse

## Smart+Guard Enviro



The Smart+Guard Enviro has been designed and engineered to provide protection for devices exposed to hostile environments. Applications include off-shore, the food and beverage industry, swimming pools and leisure centres and underground installations.

## Smart+Cage



Smart+Cage protects essential Fire, Safety and Security equipment from theft, vandalism or accidental damage.

Constructed from PVC coated 4mm steel bar, these tough resilient waterproof cages provide security for a wide range of devices.

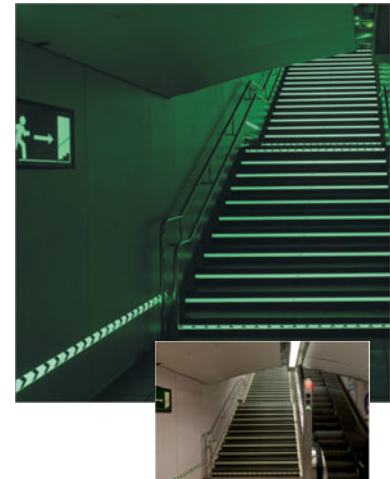
## Wireless Exit Stopper

The Exit Stopper is a highly effective way of preventing unauthorised use of emergency exits. It serves as an inexpensive security device which also helps to stop theft. If a protected door is opened the Exit Stopper emits an ear piercing 97 dB(A) alarm as well as triggering an optional remote alarm via a wireless interface. Once the door is closed it automatically resets. Its virtually indestructible polycarbonate housing also provides a highly visible deterrent.



# Implaser Signs

## Photoluminescent Life Safety Signage



The Implaser range of photoluminescent life safety signage features brightness levels many more times than required by the Standards.

The Implaser line is the ideal safety signage in areas such as public buildings, tunnels and escape ways.

The range includes photoluminescent signage and lighting solutions for:

- Fire equipment
- Escape and route safety equipment
- Emergency exits
- Low Location Lighting (LLL)
- Subway stations
- Road tunnels
- LED Emergency lighting
- Marine applications

## Stand Alone Alarm System

The Alert Point is an aesthetically pleasing, robust and fully featured stand alone alarm system. Powered with a 9 V PP3 alkaline battery, the Alert Point includes an integral sounder and resettable call point.



Manufactured from tough polycarbonate, the Alert Point is designed for use in industrial, commercial and retail applications as well as facilities such as portacabins, car parks, churches and holiday parks. It also incorporates a tamper switch to prevent unauthorised removal or misuse.

Available in an array of colours, the Alert Point can be used for a wide variety of alarm applications such as fire, intruder, panic, evacuation or assistance.



Once activated the Alert Point will emit a 102 dB(A) alarm, an activation flag drops into view and the built-in LED facility flashes red. Any external connected devices will be activated. The Alert Point can be easily reset with a special key, ensuring that the unit is quickly operational again. An override facility can silence the alarm until the Alert Point can be reset.

Alert Points can be interconnected and have the ability to monitor each other to create a network of protection.

## Intrinsically Safe Sounders & Strobes

The **IS28** is an intrinsically safe sounder for use in hazardous areas. The product is ATEX compliant and is suitable for use in all zones (0, 1 and 2).



The **IS FlashDome** is an intrinsically safe strobe for use in hazardous areas. The product is ATEX approved.

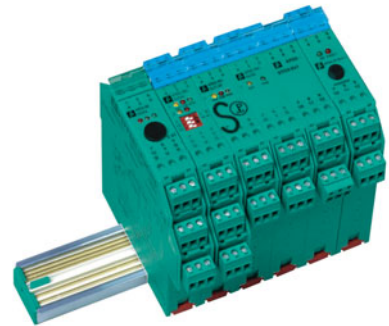


Intrinsically safe products should only be connected to the fire alarm system via an approved galvanic isolator or zener barrier - suitable units are available from VimpeX.



## Barriers & Isolators

DIN rail mounted galvanic isolators and zener barriers for use with both the IS28 sounder and the IS FlashDome beacon are available from VimpeX.



## Explosion-Proof Sounders and Strobes

The VimpeX EX Series of Explosion-Proof Sounders and Strobes are available in a number of different versions and configurations to meet the demanding requirements of alarm notification in hazardous areas.

Models include sounders, strobes, combined sounder strobes, manual call points and switches. Typical applications include Oil and Gas, On-shore and Offshore, Petrochemical, Refineries and Marine.





## Security Sounder



A high quality and reliable sounder for security applications.

- 12 V dc operation
- High output but low current consumption
- Double anti-tamper switch
- Distinct sound

## Mains Voltage Safety Isolator



This product provides a secure method for safely isolating the mains voltage supply to fire systems in accordance with BS 5839: Part 1 (2002).

The unit is supplied in a complete enclosure, which is a standard single gang format with preformed holes for mounting on a surface or 20 mm conduit box. The unit can be accessed by rectangular surface trunking. Please follow the latest IEEE electrical wiring practices when installing the product.

- Both the Live and Neutral supply is switched
- Integral fuse, which cannot be removed without taking the cover off
- The supply can only be isolated by an **authorised person**, by means of a keylock switch
- The key is removable in both ON/OFF positions
- A Green LED is used to indicate mains present at the switched output
- When in the OFF position the FUSE is disconnected from the supply

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## Power Supplies

### Low-Cost General Purpose Power Supply

The Vimpex range of low cost general purpose boxed PSUs are suitable for use with our wide range of BS EN1155 approved Door Holders and other 24 V dc devices. Three boxed 24 V dc general purpose power supplies are available: 1 A, 2 A and 3 A.



### High-Specification EN-54 Power Supply/Charger

These high-specification PSUs provide full monitoring of mains failure, battery disconnection and total power failure.

Available as boxed or chassis mounted, the enclosed units are fitted in high quality, fully welded boxes with a key lock and a generous battery space and are available as flush or surface mounting.

A number of the boxed units are EN-54 approved.



### Batteries

Vimpex now stock high grade Yuasa NP 12V batteries approved for use with EN 54 power supplies. General purpose Yuasa NP batteries are also available from stock.

