



BECAUSE LIFE-SAFETY
REQUIRES THE BEST



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PROLINK® INTRODUCTION

THE ULTIMATE PROFESSIONAL TEMPORARY FIRE ALARM SYSTEM

Since Howler designed the world's first battery-operated site alarm over 20 years ago, we have been on a journey of continuous product development. Fuelled by customer demand and driven by an insatiable desire to always be improving, we've continued to bring lots of 'firsts' to the marketplace. Sometimes design is about incremental changes that bring added benefits, but from time to time you take a clean sheet of paper and start a design from the ground up.

The development of the ProLink® radio-linked fire alarm system is such a story. We had bags of experience, truckloads of customer suggestions, and heaps of enthusiasm for the epic challenge of designing a new temporary fire alarm system that would revolutionise the lives of workers on construction sites across the UK and the world.

We assembled a diverse team with specialist knowledge and experience in a plethora of fields, and together we hypothesised, experimented, argued, created, toiled, tested, despaired and finally triumphed! And now, with great excitement, we present to you...

PROLINK® - BECAUSE LIFE-SAFETY REQUIRES THE BEST



WHAT DO YOU WANT FROM A TEMPORARY FIRE ALARM SYSTEM?

On the following pages, we will unpack some of the secrets of ProLink® and explain what this radio-linked fire alarm system can do for you. First and foremost, we'll share with you the top ten features our clients said they wanted from a temporary fire alarm system.

WE CONSULTED WIDELY WITH USERS AND HERE'S WHAT THEY SAID:

▶ SPEED OF SET UP

"We need to be able to deploy the system quickly and simply."

▶ EASE OF USE

"We haven't got a lot of time for reading instruction manuals, so the system must be easy to understand and use."

▶ RELIABILITY

"This is life-safety equipment, and we want it to do what it says on the tin – every time."

▶ DURABILITY

"It's a question of 'survival of the fittest' on construction sites, so we need equipment that can take a beating."

▶ BATTERY LIFE

"We need the batteries to last the length of the project at least."

▶ FLEXIBILITY & COMPATIBILITY

"We have different projects and special requirements, so we need a system with plenty of options. The system needs to interface with other manufacturers' equipment, such as turnstiles and access equipment to be truly versatile."

▶ SELF-MONITORING FOR SIGNAL LOSS

"We know that as the building progresses, we are putting up walls and floors which block radio signals. We need the system to automatically self-monitor for lost signals because we haven't got time to carry out manual checks every day."

▶ EASE OF MAINTENANCE

"We want it to be quick and simple to carry out routine maintenance."

▶ VISIBILITY

"The equipment needs to be easy to locate and identify because in an emergency you don't have a lot of time."

▶ COMPLIANCE

"A fire system needs to tick the right compliance boxes because we can't afford to have issues with the HSE or our insurers."

WHAT MAKES PROLINK® UNIQUE?

THE HOWLER PROLINK® FIRE AND WARNING ALARM SYSTEM

The all-new Howler ProLink® fire and warning system is a totally unique battery-operated radio-linked system designed to be rapidly deployed in situations where a hard-wired fire alarm system is not appropriate. Although it is primarily used on construction sites, the system is suitable for many other environments, such as events and exhibitions, and outdoor workplaces e.g. landfill sites and campsites, marinas, and even on ships undergoing refurbishment. It can also be installed as a temporary measure when the hard-wired fire alarm system in a building is being replaced or rewired.



Quick to set up, simple to operate and easy to maintain, the Howler ProLink® system has been designed by the people and for the people (with a bit of help from some radio gurus!). The system utilises a flexible network hierarchy to monitor every station continuously at incredibly low power. This means that even though the stations are constantly chatting away to each other, the bespoke dual-battery pack is guaranteed for three years of continuous use, slashing maintenance costs.

Howler ProLink® also boasts a revolutionary dipole antenna which is protected within the durable ABS enclosure. This means that the antenna is shielded from damage and vandalism and is also able to propagate its powerful radio signal in the optimum plane.

Another distinctive, first-to-the-market feature is the slider backplate with tamper switch. Every station becomes a dream to install and relocate when you need to, and if anybody tries to muck around with a station, it sends a warning message to the indicator station immediately.

On the following pages, you can explore more of the exclusive features of this ground-breaking life-safety equipment, or you can take a shortcut to a product demonstration by contacting us today.

THREE REASONS PROFESSIONALS CHOOSE HOWLER PROLINK®



MOST COMPLIANT – Designed to meet the requirements of BS EN 54 and BS 5839-1, including 400-second loss of communication warning and two independent power supplies.



SIMPLEST TO USE – Unique slider backplate and user-friendly indicator station make ProLink® the easiest system to set up and manage on site.



MOST SUSTAINABLE – 3-year warranty and ultra-tough construction increases the lifetime of the alarms and our reprocessing scheme minimises environmental impact.



**“ QUICK TO SET UP,
SIMPLE TO OPERATE
AND EASY TO MAINTAIN,
THE HOWLER PROLINK® ”**

WHAT PROLINK® DOES FOR YOU

A CLOSER LOOK AT OUR INDICATOR STATION

Large LCD screen provides user-friendly interface



Special alarm modes, including two-stage alarm



'Hot keys' are made for simple operation

Front-facing access panel for input/output connections

Two independent battery sources as per BS 5839-1 Section 27.2

A CLOSER LOOK AT OUR HOWLER ALERT STATION

Illuminated buttons and LED indicators improve visibility

Tough ABS plastic casing

Ultra-bright visual indicator reinforces the alarm signal in noisy areas

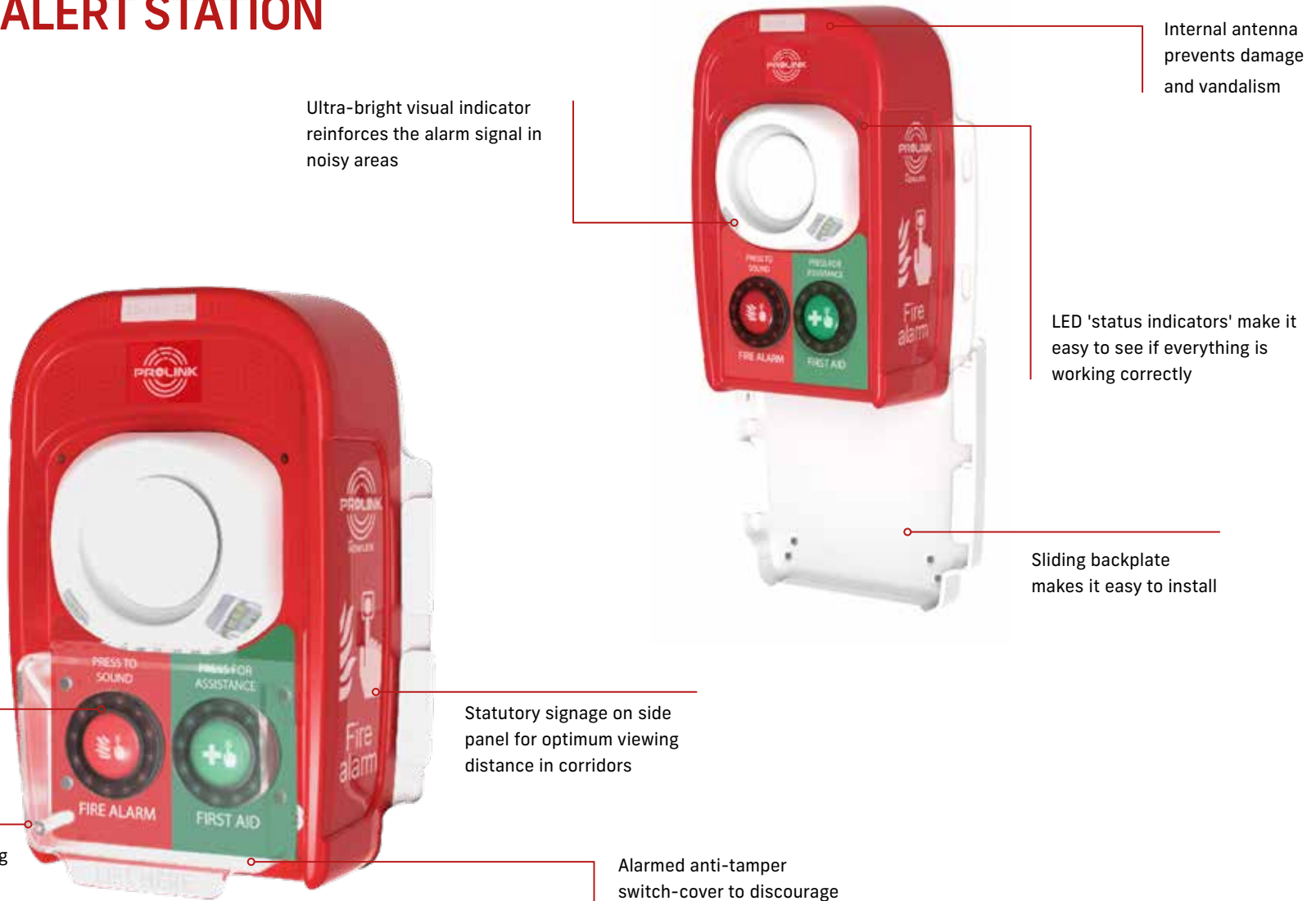
Statutory signage on side panel for optimum viewing distance in corridors

Alarmed anti-tamper switch-cover to discourage false alarms

Internal antenna prevents damage and vandalism

LED 'status indicators' make it easy to see if everything is working correctly

Sliding backplate makes it easy to install



WHAT PROLINK® DOES FOR YOU



INDICATOR STATION

- ▶ Easy-to-use indicator station for system set up and ongoing system monitoring
- ▶ Large LCD display for good visibility
- ▶ One-push 'hot keys' for all the most important commands
- ▶ Interface PCB for connecting to other systems and devices such as an auto-dialler
- ▶ Continual fault-monitoring gives a warning within 400 seconds if any station loses connection with the system
- ▶ 3-year battery pack with 2 independent power sources
- ▶ Class V0 flame-retardant ABS plastic enclosure
- ▶ Tough ABS plastic casing, ergonomically designed for maximum robustness



HOWLER ALERT STATION

- ▶ Easy to use and operate
- ▶ Illuminated buttons and LED indicators make the product easy to see. Symbols and colours make station visible at range and in low light
- ▶ Optional anti-tamper switch-cover triggers a local alarm when lifted to discourage nuisance alarms
- ▶ Key components are internal to reduce risk of damage/vandalism
- ▶ Rear access battery compartment. 3-year battery pack with 2 independent power sources
- ▶ Tough ABS plastic casing makes the product robust; additional flame-retardant Class V0 enclosure
- ▶ Optional backplate makes it easy to install. Intelligent design makes it easy to maintain
- ▶ 100dBA sounder with optional flashing/visual indicators
- ▶ Tamper switch on rear alerts indicator station if device is messed with



AUTOMATIC DETECTION

- ▶ Ceiling-mounted heat and smoke detectors offer early warning of fire
- ▶ Patented dust chamber in the smoke detector reduces false alarms
- ▶ Optional base sounder with volume adjustment - great for office use
- ▶ Optional high-intensity visual flashing LED indicators (great for noisy areas)
- ▶ Tough ABS plastic casing, ergonomically designed for maximum robustness
- ▶ White ABS reduces visual impact in office environments
- ▶ Optional sliding backplate makes installation quick and simple
- ▶ Tamper switch on rear alerts indicator station if device is messed with
- ▶ 3-year battery pack with 2 independent power sources



RELAY STATION

- ▶ Highly versatile relay station enables you to interface with other systems
- ▶ Suitable for interfacing with:
 - Autodiallers for out-of-hours alerts
 - Turnstiles for automatic release in an emergency
 - Other fire alarm systems
 - Access control systems for automatic release in an emergency

" DESIGNED TO BE RAPIDLY DEPLOYED IN SITUATIONS WHERE A HARD-WIRED FIRE ALARM SYSTEM IS NOT APPROPRIATE "

THE OPTIONS

OUR PROLINK® RANGE



HOIS/PL

Indicator station –
the brains of the system



HO6/PL/VID

Howler station with combined fire
alert button and siren with high-
intensity flashing LED visual
indicators



HO6/PL

Howler station with combined fire
alert button and siren



HO7/PL/VID

Howler station with combined fire
alert and first-aid assistance buttons
and siren with high-intensity flashing
LED visual indicators



SD/SR/PL/VID

Optical smoke detector with base
sounder and high-intensity flashing
LED visual



HD/SR/PL

Heat detector with
base sounder



SD/SR/PL

Optical smoke detector with base
sounder



HD/PL

Heat detector

THE OPTIONS



HO7/PL

Howler station with combined fire alert and first-aid assistance buttons and siren



HOCP/PL/VID

Howler station with combined key-settable call point and siren with high-intensity flashing LED



HOCP/PL

Howler station with combined key-settable call point and siren



HD/SR/PL/VID

Heat detector with base sounder and high-intensity flashing LED visual indicators



SD/PL

Optical smoke detector



RL/PL

Relay station for interfacing with ancillary systems



RP/PL

Repeater station for boosting signals



CPC2/PL

Anti-tamper switch-cover triggers a local alarm when lifted to discourage nuisance alarms



COMPLIANCE

The key guidance for fire warning systems on construction projects is set out in the HSE publications: Fire Safety on Construction Sites (HSG 168).

"The aim of any fire warning system is to ensure that people on site are alerted to make their escape before a fire becomes life-threatening. The essential requirements of the fire warning signal are that it is distinctive, clearly audible above any other noise and is recognised by all people on site."

On small open-air sites, a shout of 'fire' may be adequate, and on simple sites with a limited number of rooms, a self-contained fire alarm may be needed. But: *"It is expected on the majority of sites that an inter-connecting (could be wired-in or wireless) system of call-points and sounders will be required to provide an effective fire warning system."*

The Howler ProLink® system has been designed to meet these requirements and the British Standards for permanently installed fire alarm systems (BS 5839-1 and BS EN 54) have been used as best practice guidance so that relevant requirements of these standards are met.

System Overview		Compliance	
Max No. of Stations per Indicator Station	127	The system carries the CE Mark in accordance with the requirements of the Radio Equipment Directive (2014/53/EU), and the UKCA Mark . The system is designed to meet the requirements of BS EN 54 (relevant parts).	
Number of Channels	8	Independently tested and compliant with the following standards:	
Switch Options	Call point – key-resettable Fire push on/push off illuminated switch Fire & first-aid push on/push off illuminated switch	ETSI EN 300 220-1 V3.1.1 ETSI EN 300 220-2 V3.2.1 ETSI 301 489-1 V2.2.2 ETSI EN 301 489-3 V2.1.1 EN 50130-4 EN 61000-6-3	
Power Source	Specialist 6V battery pack	Interface Options	
Siren Volume	Up to 105dbA (2 volume levels)	Indicator Station Outputs	2 x relays 9V normally open contacts
Detector Options	Heat and smoke detectors available, with optional sounder base or sounder/beacon base	Auto-Dialler Option	GSM, battery-operated auto-dialler available. Dials up to 10 numbers in the event of fire.

**DESIGNED TO BE 100%
RECYCLABLE, EVERY ELEMENT OF
THE SAFETYHUB® IS CONSTRUCTED
FROM MATERIALS THAT ARE
TOUGH ENOUGH TO SURVIVE THE
HARSHEST TREATMENT.**



WHY SAFETYHUB®

SAFETYHUB®

SafetyHub® is the perfect partner, offering a great place to mount your ProLink® stations. Conspicuous, mobile and rugged, constructed in rotationally moulded plastic, SafetyHub® makes it clear in no uncertain terms that you are taking fire safety seriously.

With space for fire extinguishers, protected in a secure cabinet, statutory signage and site plan holder for displaying your escape route plan, SafetyHub® becomes your fire safety centre point on site, demanding respect and attention.

SafetyHub® is a new concept that is so much more than just a mobile fire point: it can be configured as a PPE station, first-aid point, fire safety centre, spill response hub, safety information centre... in fact, it can be configured to be exactly what you need it to be, wherever you need it.

Designed to be 100% recyclable, every element of the SafetyHub® is constructed from materials that are tough enough to survive the harshest treatment whilst minimising environmental impact, particularly at end of life – which should be a long way off, as it's very durable indeed!

Perfect for a use on construction sites, factories, workshops, filling stations, civil engineering projects, events and pretty well any other kind of busy environment you can think of, SafetyHub® is equally at home indoors or outside and will be invaluable for ensuring the safety of everyone on site.



MOBILE SPILL-KIT STATION



MOBILE FIRST-AID STATION



MOBILE FIRE-SAFETY STATION



MOBILE SANITISER STATION

APS.

APS Protection Systems Ltd
17 Hareleeshill Road, Larkhall ML9 2EX

Telephone 01698 881886

Email SALES@APS-SYSTEMS.CO.UK

Visit APS-SYSTEMS.CO.UK