



PROLINK® RADIO LINKED FIRE & WARNING ALARM



The Howler ProLink® fire and warning system, is a totally unique battery-operated radio-link system designed to be rapidly deployed in situations where a hard-wired fire alarm system is not appropriate. The devices are designed to meet the requirements of BS EN54.

Although it is primarily used on construction sites, the system is also used in many other situations such as events and exhibitions, out-door workplaces such as landfill sites and camp sites, 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 re-wired.

Quick to set-up, simple to operate and easy to maintain, the Howler ProLink® system utilises a flexible network hierarchy to monitor every station continuously at incredibly low power. This means that even though stations are constantly chatting away to each other, self-monitoring for any signal loss, the bespoke dual-battery pack still lasts three years.





PRODUCT DATASHEET

Issue 1.0

HOIS/PL

INDICATOR STATION

The Indicator Station provides a central station for setting up the system and providing ongoing monitoring.

All events are displayed on the large LCD display, and the 'hot keys' makes basic operations simple and intuitive.

Continual fault monitoring of the network means that any signal loss is reported on the Indicator Station within 400 seconds.

The Indicator Station can be interfaced with other systems and devices such as auto-diallers.



KEY FEATURES

- 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
- 3-year battery pack, with 2 independent power sources
- 8 channels available
- Up to 127 stations can be monitored by the Indicator Station
- 2 relay outputs (24V @1A)
- 1 Input for connecting to ancillary devices

TECHNICAL INFORMATION

- Dimensions (mm): 220w x 300h x 100d
- Weight: 2.6 kg
- Indoor use
- Class V0 flame-retardant ABS plastic enclosure
- 3-year warranty
- Radio frequency: 868 MHz

TECHNICAL SPECIFICATION

Power supply:	6V Specialist alkaline dry cell battery pack
Operating temperature:	-10° C to +55° C
Battery life:	3 years in normal conditions

STANDARDS & APPROVALS

- Designed to meet the requirements of:
- EN 54-25 – Radio Link Devices
 - EN 54-18– Input/Output Devices
- CE & UKCA Mark
- ETSI EN 300 220-1 V3.1.1
 - ETSI EN 300-220-2 V3.2.1
 - ETSI EN 301 489-1 V2.2.2
 - ETSI EN 301 489-3 V2.1.1
 - EN 50130-4
 - EN 61000-6-3

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PRODUCT DATASHEET

Issue 1.0

HO7/PL/VID

HOWLER ALERT STATION WITH FIRST AID OPTION & VID

The Howler Alert station enables the user to raise the alarm in event of fire as well as call for first aid assistance in the event of a medical emergency. The illuminated switches and LED 'halo' indicators provide visual confirmation to the user that the message has been received.

The integral low-profile siren is equipped with ultra-bright flashing LED Visual Indicators to reinforce the audible warning.

Mounted on a slider back-plate, the station is quick and easy to install.



KEY FEATURES

- Bright LED 'halo' indicator ideal for areas with poor illumination
- Large easy-to-operate illuminated push on/push off buttons for fire and first aid assistance
- Multi-coloured flashing LED indicates status of the station at all times, for ease of maintenance
- Tamper switch on rear sends warning message to the Indicator station if anyone tries to remove the station
- 3-year battery pack, with 2 independent power sources

TECHNICAL INFORMATION

- Dimensions (mm): 220w x 300h x 110d
- Weight: 2.7 kg
- Indoor and outdoor use
- Class V0 flame-retardant ABS plastic enclosure
- 3-year warranty
- Radio frequency: 868 MHz

TECHNICAL SPECIFICATION

Power supply:	6V Specialist alkaline dry cell battery pack
Operating temperature:	-10° C to +55° C
IP rating:	IP54
Volume:	100 dB at 1m
Battery life:	3 years in normal conditions
VID LEDs Frequency:	0.5Hz

STANDARDS & APPROVALS

- Designed to meet the requirements of:
- EN 54-25 – Radio Link Devices
 - EN 54-18– Input/Output Devices
 - EN 54-3 - Fire alarm sounders
- CE & UKCA Mark
- ETSI EN 300 220-1 V3.1.1
 - ETSI EN 300-220-2 V3.2.1
 - ETSI EN 301 489-1 V2.2.2
 - ETSI EN 301 489-3 V2.1.1
 - EN 50130-4
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PRODUCT DATASHEET

Issue 1.0

HOCPL/PL/VID

CALL POINT SOUNDER & VID

The key-resettable fire alarm call point provides a recognisable means of raising the alarm, and only authorised key holders can reset the alarm.

The integral low-profile siren is equipped with ultra-bright flashing LED Visual Indicators to reinforce the audible warning.

Mounted on a slider back-plate, the station is quick and easy to install.



KEY FEATURES

- Red LED indicator illuminates when the call point is operated
- Clear plastic call point cover comes as standard
- Multi-coloured flashing LED indicates status of the station at all times, for ease of maintenance
- Tamper switch on rear sends warning message to the Indicator station if anyone tries to remove the station
- 3-year battery pack, with 2 independent power sources

TECHNICAL INFORMATION

- Dimensions (mm): 220w x 300h x 110d
- Weight: 2.9 kg
- Indoor and outdoor use
- Class V0 flame-retardant ABS plastic enclosure
- 3-year warranty
- Radio frequency: 868 MHz

TECHNICAL SPECIFICATION

Power supply:	6V Specialist alkaline dry cell battery pack
Operating temperature:	-10° C to +55° C
IP rating:	IP55
Volume:	100 dB at 1m
Battery life:	3 years in normal conditions
VID LEDs Frequency:	0.5Hz

STANDARDS & APPROVALS

- Designed to meet the requirements of:
- EN 54-25 – Radio Link Devices
 - EN 54-11 – Manual call point
 - EN 54-3 - Fire alarm sounders
- CE & UKCA Mark
- ETSI EN 300 220-1 V3.1.1
 - ETSI EN 300-220-2 V3.2.1
 - ETSI EN 301 489-1 V2.2.2
 - ETSI EN 301 489-3 V2.1.1
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PRODUCT DATASHEET

Issue 1.0

HD/PL

HEAT DETECTOR

Ceiling mounted rate-of-rise heat detector offers automatic detection of fire in areas where dust and steam make smoke detection inappropriate.

The robust white ABS enclosure offers great protection on site but is also visually unobtrusive on the ceiling.

Mounted on a slider back-plate, the station is quick and easy to install.



KEY FEATURES

- Ceiling mounted heat detector offer early warning of fire
- Tough ABS plastic casing, ergonomically designed for maximum robustness
- White ABS reduces visual impact in office environments
- Tamper switch on rear sends warning message to the Indicator Station if anyone tries to remove the station
- 3-year battery pack, with 2 independent power sources

TECHNICAL INFORMATION

- Dimensions (mm): 220w x 300h x 155d
- Weight: 2.6 kg
- Indoor use
- Class V0 flame-retardant ABS plastic enclosure
- 3-year warranty
- Radio frequency: 868 MHz

TECHNICAL SPECIFICATION

Power supply:	6V Specialist alkaline dry cell battery pack
Operating temperature (no icing):	-10° C to +55° C
Battery life:	3 years in normal conditions
Heat alarm threshold (class A1R):	58°C
Maximum humidity	95% RH (Noncondensing)

STANDARDS & APPROVALS

- Designed to meet the requirements of:
- EN 54-25 – Radio Link Devices
 - EN 54-5 – Heat Detectors
- CE & UKCA Mark
- ETSI EN 300 220-1 V3.1.1
 - ETSI EN 300-220-2 V3.2.1
 - ETSI EN 301 489-1 V2.2.2
 - ETSI EN 301 489-3 V2.1.1
 - EN 50130-4
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PRODUCT DATASHEET

Issue 1.0

HD/SR/PL/VID

HEAT DETECTOR WITH SOUNDER BASE & VID

Ceiling mounted rate-of-rise heat detector offers automatic detection of fire in areas where dust and steam make smoke detection inappropriate.

The Sounder base with Visual Indicator ensures adequate sound levels and visual warning in all areas in the event of fire.

The robust white ABS enclosure offers great protection on site but is also visually unobtrusive on the ceiling.

Mounted on a slider back-plate the station is quick and easy to install.



KEY FEATURES

- Ceiling mounted heat detector offers early warning of fire
- Optional low volume sounder setting
- Tough ABS plastic casing, ergonomically designed for maximum robustness
- White ABS reduces visual impact in office environments
- Tamper switch on rear sends warning message to the Indicator Station if anyone tries to remove the station
- 3-year battery pack, with 2 independent power sources

TECHNICAL INFORMATION

- Dimensions (mm): 220w x 300h x 155d
- Weight: 2.8 kg
- Indoor use
- Class V0 flame-retardant ABS plastic enclosure
- 3-year warranty
- Radio frequency: 868 MHz

TECHNICAL SPECIFICATION

Power supply:	6V Specialist alkaline dry cell battery pack
Operating temperature (no icing):	-10° C to +55° C
Volume (2 levels)	Max 100dB
Battery life:	3 years in normal conditions
Heat alarm threshold (class A1R):	58°C
Maximum humidity	95% RH (Noncondensing)

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STANDARDS & APPROVALS

- Designed to meet the requirements of:
- EN 54-25 – Radio Link Devices
 - EN 54-5 – Heat Detectors
 - EN 54-3 - Fire alarm sounders
- CE & UKCA Mark
- ETSI EN 300 220-1 V3.1.1
 - ETSI EN 300-220-2 V3.2.1
 - ETSI EN 301 489-1 V2.2.2
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PRODUCT DATASHEET

Issue 1.0

SD/PL OPTICAL SMOKE DETECTOR

Ceiling mounted optical smoke detectors offer automatic detection of fire. Advanced double dust chamber reduces the likelihood of false alarms.

The robust white ABS enclosure offers great protection on site but is also visually unobtrusive on the ceiling.

Mounted on a slider back-plate, the station is quick and easy to install.



KEY FEATURES

- Ceiling mounted smoke detectors offer early warning of fire
- Patented double dust chamber in the smoke detector reduces false alarms caused by dust
- Tough ABS plastic casing, ergonomically designed for maximum robustness
- Tamper switch on rear sends warning message to the Indicator station if anyone tries to remove the detector
- 3-year battery pack, with 2 independent power sources

TECHNICAL INFORMATION

- Dimensions (mm): 220w x 300h x 155d
- Weight: 2.7 kg
- Indoor use
- Class V0 flame-retardant ABS plastic enclosure
- 3-year warranty
- Radio frequency: 868 MHz

TECHNICAL SPECIFICATION

Power supply:	6V Specialist alkaline dry cell battery pack
Operating temperature (no icing):	-10° C to +55° C
Battery life:	3 years in normal conditions
Maximum humidity	95% RH (Noncondensing)

STANDARDS & APPROVALS

- Designed to meet the requirements of:
- EN 54-25 – Radio Link Devices
 - EN 54-7 – Smoke Detectors
- CE & UKCA Mark
- ETSI EN 300 220-1 V3.1.1
 - ETSI EN 300-220-2 V3.2.1
 - ETSI EN 301 489-1 V2.2.2
 - ETSI EN 301 489-3 V2.1.1
 - EN 50130-4
 - EN 61000-6-3

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PRODUCT DATASHEET

Issue 1.0

SD/SR/PL/VID OPTICAL SMOKE DETECTOR WITH SOUNDER BASE & VID

Ceiling mounted optical smoke detectors offer automatic detection of fire. Advanced double dust chamber reduces the likelihood of false alarms.

The Sounder base with Visual Indicator ensures adequate sound levels and visual warning in all areas in the event of fire.

The robust white ABS enclosure offers great protection on site but is also visually unobtrusive on the ceiling.

Mounted on a slider back-plate, the station is quick and easy to install.



KEY FEATURES

- Ceiling mounted smoke detectors offer early warning of fire
- Patented double dust chamber in the smoke detector reduces false alarms caused by dust
- Optional low volume sounder setting
- Tough ABS plastic casing, ergonomically designed for maximum robustness
- Tamper switch on rear sends warning message to the Indicator station if anyone tries to remove the detector
- 3-year battery pack, with 2 independent power sources

TECHNICAL INFORMATION

- Dimensions (mm): 220w x 300h x 155d
- Weight: 2.8 kg
- Indoor use
- Class V0 flame-retardant ABS plastic enclosure
- 3-year warranty
- Radio frequency: 868 MHz

TECHNICAL SPECIFICATION

Power supply:	6V Specialist alkaline dry cell battery pack
Operating temperature (no icing):	-10° C to +55° C
Volume (2 levels)	Max 100dB
Battery life:	3 years in normal conditions
Maximum humidity	95% RH (Noncondensing)

STANDARDS & APPROVALS

- Designed to meet the requirements of:
- EN 54-25 – Radio Link Devices
 - EN 54-7 – Smoke Detectors
 - EN 54-3 - Fire alarm sounders
- CE & UKCA Mark
- ETSI EN 300 220-1 V3.1.1
 - ETSI EN 300-220-2 V3.2.1
 - ETSI EN 301 489-1 V2.2.2
 - ETSI EN 301 489-3 V2.1.1
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RL/PL Relay Station

The Relay Station provides a means of interfacing the ProLink system with other systems on site, such as turnstiles, auto-diallers etc.

The Relay Station wirelessly connects to the rest of the ProLink system, and a hard wired connection is made to the ancillary system or device. Hardwired connections are accessed via the discrete access panel on the front of the station.

The cause and effect of the relays is set at the Indicator Station.



KEY FEATURES

- Two output relays available with different cause and effects to integrate with other systems
- Easy to access cable entry points at the bottom on the station
- 3-year battery pack, with 2 independent power sources
- 2 relay outputs (24V @1A)
- 1 Input for connecting to ancillary devices
- Tough ABS plastic casing, ergonomically designed for maximum robustness

TECHNICAL INFORMATION

- Dimensions (mm): 220w x 300h x 100d
- Weight: 2.6 kg
- Indoor and Outdoor use
- Class V0 flame-retardant ABS plastic enclosure
- 3-year warranty
- Radio frequency: 868 MHz

TECHNICAL SPECIFICATION

Power supply:	6V Specialist alkaline dry cell battery pack
Operating temperature:	-10° C to +55° C
IP rating:	IP55
Battery life:	3 years in normal conditions

STANDARDS & APPROVALS

- Designed to meet the requirements of:
- EN 54-25 – Radio Link Devices
 - EN 54-18– Input/Output Devices
- CE & UKCA Mark
- ETSI EN 300 220-1 V3.1.1
 - ETSI EN 300-220-2 V3.2.1
 - ETSI EN 301 489-1 V2.2.2
 - ETSI EN 301 489-3 V2.1.1
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PRODUCT DATASHEET

Issue 1.0

RP/PL

Repeater Station

The Repeater Station provides a means of boosting radio signal in areas where another type of station would be inappropriate.

The Repeater Station wirelessly connects to the rest of the ProLink mesh network, sending and receiving signals like any other station. It can be mounted at height if required to help propagate the signal over longer distances.

Mounted on a slider back-plate, the station is quick and easy to install.



KEY FEATURES

- 3-year battery pack, with 2 independent power sources
- Tough ABS plastic casing, ergonomically designed for maximum robustness
- Tamper switch on rear sends warning message to the Indicator station if anyone tries to remove the station

TECHNICAL INFORMATION

- Dimensions (mm): 220w x 300h x 100d
- Weight: 2.6 kg
- Indoor and Outdoor use
- Class V0 flame-retardant ABS plastic enclosure
- 3-year warranty
- Radio frequency: 868 MHz

TECHNICAL SPECIFICATION

Power supply:	6V Specialist alkaline dry cell battery pack
Operating temperature:	-10° C to +55° C
IP rating:	IP55
Battery life:	3 years in normal conditions

STANDARDS & APPROVALS

- Designed to meet the requirements of:
- EN 54-25 – Radio Link Devices
 - EN 54-18– Input/Output Devices
- CE & UKCA Mark
- ETSI EN 300 220-1 V3.1.1
 - ETSI EN 300-220-2 V3.2.1
 - ETSI EN 301 489-1 V2.2.2
 - ETSI EN 301 489-3 V2.1.1
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