LifeLine

Engineer Paging.
Staff Paging. Deaf Alert.
Advanced is famous for the quality, performance and ease-of-use of its systems and our products are protecting people and property in over 60 countries worldwide.

Whether you need a globally approved analogue fire system, the industry’s leading multiprotocol panel, suppression control, fire paging or a custom unit, Advanced delivers systems, software and features that set the standard.
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Advanced is known all over the world for making the best quality, best performing fire systems.

We design ‘easy’ into our products. We make it easy to set up a one panel system or a complicated 200 panel network. We make our software intuitive. We deliver fast, accessible support, training and service. Above all, we make it easy to rely on an Advanced system.

Fire Systems are in our DNA. The people that started Advanced are the people that spearheaded the intelligent fire systems industry. They still work at Advanced and we train talented engineers and technologists every year. 25% of our business is dedicated to R&D. Our knowledge is unmatched, anywhere in the world and we’re determined to keep it there.

Our systems are protecting people and property in over 60 countries worldwide, in many of the most prestigious and challenging locations. We realise our growth comes from the strongest customer relationships. We stay friendly, flexible and reactive to your requirements and our customer service is consistently rated excellent.

We manufacture all of our panels in the UK to demanding quality standards and hold global approvals. We enjoy full ISO 9001 compliance across manufacturing and design.
Welcome to the world of Advanced
Lifeline is three Advanced Radio Paging Systems in One.

1. Plug and Play Hearing Impaired Alert
2. Engineer Paging
3. Instant Staff Paging
LifeLine is designed to quickly and effectively meet fire system radio paging requirements. Like all Advanced panels it’s designed to offer more, to be easy to install and operate.

LifeLine can operate from any stand alone conventional or addressable panel or across a large addressable network and is quickly integrated via an ESPA card (for detailed fire paging) or a simple relay connection (for hearing impaired alerts).

LifeLine runs a variable power, 2W transmitter, optimising power usage and delivering precise coverage, even across complicated buildings and sites.

Whatever paging solution you access from your Lifeline panel - and you can run all three at once - set up is simple and quick and we also offer a simple radio survey kit.

Sample System Diagram

1. Plug and Play Hearing Impaired Alert
2. Engineer Paging
3. Instant Staff Paging
Plug & Play Hearing Impaired Alert System

LifeLine is the perfect solution for alerting the deaf and hearing impaired to a fire alarm. It can be used in all applications including commercial and office buildings, education, hotels, guest houses, care & residential accommodation. LifeLine helps you meet the needs of the Equality Act.

Once LifeLine has been wired, via relay, into an existing fire panel or system and the antenna coverage set, the system will alert users to fire alarm conditions via pagers, or a bedside unit and vibrating pillow device.

LifeLine will not interfere with other radio systems and requires no complicated and expensive contracts or service agreements to be in place.

Engineer Paging

Modern fire systems can be spread over huge areas, covering densely populated buildings and valuable assets such as server rooms, with expensive extinguishant release systems in place.

By reacting quickly, fire system managers and operators can save time and money, reduce false alarms and cancel or facilitate evacuation.

Once connected to a fire system via the standard ESPA protocol, LifeLine will instantly transmit detailed information on the total system and individual panel and device conditions to personal pagers. Information can be issued on a range of triggers including alarms, pre-alarms or device faults.

LifeLine uses its own radio network, which can be reliably configured for coverage and does not rely on third party networks such as SMS text or email.

Instant Staff Paging

LifeLine can also be used to inform staff of emergency and operational communications.

8 programmable trigger inputs and 4 fascia buttons on each LifeLine panel, can be pre-programmed to transmit specific messages after a numeric password is entered or keyswitch enabled.

Security and warning messages can be securely issued to key staff on issues such as bomb alerts or security without alerting the public.
**LifeLine**

**Components and Options**

**Sensors & Bases**

**LifeLine Control Panel**
- Radio Paging Panel
- Offers hearing impaired alert system suitable for the Equality Act (which superseded the DDA in the UK)
- Quick, simple connection to fire system via relay or ESPA card
- Fire system independent
- Transmits at UHF 459.150 MHz
- Dedicated RS232 port supporting ESPA 4.4.4 - The European Pager Protocol
- 8 volt-free programmable trigger inputs
- 4 programmable push buttons
- Message transmit every 10s until acknowledged
- Informative 128x64 graphical LCD display
- 9 LED indicators, 5 user, 4 diagnostic
- Unlimited number of pagers/users
- Key-locked engineering and test functions
- Variable 2W transmitter provides total building coverage or defined area coverage and power saving.
- Compliant with BS5839-1:2002
- Survey kit available
- Mains powered with maintained battery backup
- Continues to vibrate until main alarm deactivated
- Unlimited number of bedside units/pillow vibrators per LifeLine panel
- Mains powered
- Always on
- Test button
- Self-contained aerial
- Sealed battery backup
- Indicators (on reverse) for power, fault, battery charging

**Bedside Unit & Vibrating Pillow Pad**
- Used to waken an individual during alarm situation
- Pillow unit linked via wire to bedside unit which features a low frequency stroboscopic light.
- No hard wiring required, can be moved to any room
- Bedside unit connects to LifeLine via radio receiver
- Continues to vibrate until main alarm deactivated
- Unlimited number of bedside units/pillow vibrators per LifeLine panel
- Mains powered
- Always on
- Test button
- Self-contained aerial
- Sealed battery backup
- Indicators (on reverse) for power, fault, battery charging

**LifeLine Vibrating Pager**
- Standard two-line alphanumeric pager
- Hand held, battery operated
- Programmed to work with LifeLine to BS requirements
- ‘Out of range’ alert feature
- In alarm condition messages sent every 10s until main panel alarm is reset
- Cannot be accidentally switched off
- Tone & vibrate

**Advanced Fire Panel Interface**
A programmable panel interface allowing our LifeLine panel to be connected via ESPA to Advanced’s MxPro or Axis fire panels and networks.
- Connects via serial data connection
- ESPA4.4.4 protocol
- Optional input function monitors paging faults
- Easily configured via PC

**Pager Tool**
DynamixTools is Advanced’s suite of powerful, easy to use fire system software. Pager Tool controls fire system ESPA interfaces and allows actions to be clearly, quickly and easily set.

Features include fault monitoring as well as the programming of which specific events on a fire panel network are sent to individual or specific pager groups. User defined text details are available, as well as group and shift programming options.

**Logo Tool**
- Allows the installers logo to be displayed on the panels graphical LCD display during normal operation
- Uploads standard bitmap images
- Tool allows creation of logos
- JPG and GIF images can be imported

**Order Codes**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>PX-100</td>
<td>LifeLine 2W Control Panel</td>
</tr>
<tr>
<td>LL-PG</td>
<td>LifeLine Vibrating Pager Unit</td>
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<tr>
<td>LL-PG-01</td>
<td>LifeLine Vibrating Pager Unit with Out of Range enabled</td>
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<tr>
<td>LL-PG-02</td>
<td>LifeLine Engineering Pager</td>
</tr>
<tr>
<td>LL-SC</td>
<td>SleepCOM Bedside Unit &amp; Vibrating Pillow Pad</td>
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<tr>
<td>MXP-047 (F)*</td>
<td>ESPA Pager Interface (for mxPro4)</td>
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<tr>
<td>MXP-547 (F)*</td>
<td>ESPA Pager Interface (for MxPro5)</td>
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<tr>
<td>MXP-547-BX</td>
<td>ESPA Pager Interface (Boxed)</td>
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</tbody>
</table>

* Add F - Fitted (except Mx-4100, Mx-5100).

| PXM-001      | Semi-flushing Bezel for Px-100 |
| UPR-306      | 12V 7AHr Sealed Lead Acid Battery |
| PX-100-SK    | PX-100 Site Survey Kit c/w Pager |

**LifeLine Spares**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>PXS-001</td>
<td>Spare PX-100 LifeLine Chasis Assembly (Inc. PSU)</td>
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<tr>
<td>PXS-002</td>
<td>Spare PX-100 LifeLine Back-box Assembly c/w Antenna</td>
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<tr>
<td>P XS-003</td>
<td>Spare PX-100 LifeLine Cover Assembly</td>
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<tr>
<td>P XS-004</td>
<td>Spare PX-100 Antenna Assembly</td>
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<tr>
<td>P XS-011</td>
<td>Spare LifeLine Access Enable Key</td>
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<tr>
<td>PXS-015</td>
<td>Spare Three Position Test Enable Key</td>
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<tr>
<td>PXF-001</td>
<td>Remote Antenna Module</td>
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