LifeLine 2W Control Panel Radio Paging System - obsolete

The LifeLine Fire Alarm Radio Paging system provides equal access to emergency alarms for the deaf and hearing impaired in line with the Equality Act 2010.

The LifeLine is designed to comply with recommendations as detailed in BS5839-1:2017, providing an RS232 port for ESPA 4.4.4 support and up to 8 programmable switch inputs for direct connection to the fire alarm control system.

The standard model has a dedicated RS232 port supporting ESPA 4.4.4 (European Pager Protocol). The communication medium allows a full-text display to be passed via the CIE.

The LifeLine system also has 8 volt-free programmable trigger inputs which, upon activation of the alarm, issue a programmable text message to vibrating pager units. The messages will be transmitted every 10 seconds until the main fire panel is reset.

LifeLine systems should not be confused with a standard commercial paging system. Our systems are compliant to BS5839-1:2017 and have been designed to form an integral part of a fire alarm system so that the needs of deaf and hearing-impaired individuals are included in your fire/health and safety strategy.

A Radio Licence is required to operate the Px-100, which can be sourced directly via OFCOM.



Features

- 'Open managed' system architecture
- Mains powered with maintained battery back up.
- Continued and automatic monitoring & self-testing
- Programmable logo for customer branding
- Key-locked engineering and test functions
- RS232 port supporting ESPA 4.4.4 protocol
- 8 x programmable switch inputs. Backlit LCD screen reporting system status
- 4 x programmable push buttons. 9 front panel LED indicators
- Continued alarm messages every 10 seconds until alarm is reset
- Modular system for future upgrade. Unlimited number of users/pagers
- Compatible with LifeLine SleepCOM & Pagers Only

Specification

Frequency	UHF 459.150MHz
Dimensions (H x W x D)	288mm x 248mm x 78mm
Weight	2.1Kg
Case	Steel IP30, RAL 7035
Display	Backlit 124 x 64 Graphical LCD

Order Codes and Options

Px-100	Lifeline 2W control panel	UP-306	12V 7Ahr Sealed lead acid battery

Pxm-001	Semi-flushing bezel	Pxs-001	Spare Px-100 chasis assembly inc. PSU
LL-PG	Lifeline vibrating pager unit	Pxs-002	Spare Px-100 back box c/w antenna
LL-PG-01	Lifeline vibrating pager unit with out of range indicator	Pxs-003	Spare Px-100 cover
LL-PG-02	Lifeline engineering pager	Pxs-004	Spare Px-100 antenna assembly
LL-SC	Lifeline sleepCOM bedside unit and vibrating pillow pad	Pxs-011	Spare lifeline access enable key
Px-100-SK	Lifeline site survey kit	Pxs-015	Spare three postion test enable key

Compatibility

For ESPA 4.4.4 connectivity, an optional Mxp-047(F)* (MxPro 4) or Mxp-547(F)* (MxPro 5 / Axis EN) pager interface is required.

(F)* = Fitted

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LifeLine Control Panel Pager Interface - obsolete

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 can save time and money, reduce false alarms and cancel or facilitate evacuation.

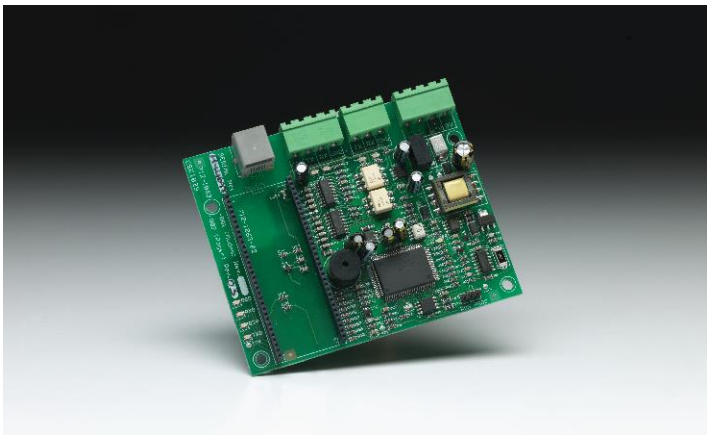
Once connected to an Advanced fire panel, detailed information about the alarm can be communicated almost instantly via the ESPA protocol to paging systems such as the Advanced LifeLine panel and then on to personal pagers. This information includes alarms, pre-alarms or device faults.

The MxPro Pager Interface is a programmable interface providing connectivity of the LifeLine Paging systems to the MxPro and Axis EN control equipment. It utilises the industry standard protocol ESPA 4.4.4, and connects to the equipment via a serial data connection.

The MxPro Pager Interface tool allows messages received from the fire panel to be actively edited to a predetermined set of rules, so that the messages received at the pager clearly communicate only the desired information.

An optional input function is available to monitor pager fault conditions. In the event of a loss of communication between the ESPA card and the paging panel, a fault is signalled to the controlling fire panel.

The Pager Interface card can be supplied loose for installation within the MxPro fire panel, or alternatively, it can be supplied with its own box.



Features

- ESPA 4.4.4 Protocol
- 3 year warranty
- Easily configured via Pager PC software
- MxPro 4 & 5 series compatible
- Fully compatible with LifeLine product range

Order Codes and Options

Mxp-047(F)*:	ESPA Pager interface for MxPro 4
Mxp-047-BX:	ESPA Pager interface for MxPro 4 - Boxed
Mxp-547(F)*:	ESPA Pager interface for MxPro 5 / Axis EN
Mxp-547-BX:	ESPA Pager interface for MxPro 5 / Axis EN - Boxed
(F)*:	Add - Fitted to Fire Control Panel

LifeLine Paging Systems

LifeLine systems operate using UHF technology. UHF has increased propagation and penetration of buildings to enable full building coverage. This proves particularly beneficial where the large size and construction of premises is a factor. Another advantage is that there is less chance of interference because of more available frequencies. Interference can be caused by spurious outputs from radio frequency equipment operation but is much less of a problem at UHF frequencies.

LifeLine offers the full system needed for detailed fire paging. It provides a range of pagers to meet the needs for pro-active on-site monitoring, without the dependency on third party networks for SMS texts or emails.





LifeLine is also the perfect solution for alerting the deaf and hearing impaired to a fire alarm, providing a simple route to DDA compliance. It helps those responsible for commercial and office buildings, guest houses, care and residential accommodation to meet the needs of the Equality Act.

The range of products includes vibrating pagers and vibrating pillow alerting devices.

In order to prevent radio paging systems in the UK causing interference, systems must operate on an approved radio frequency issued by Ofcom. Ofcom licencing must be maintained at all times to comply with the given communication regulations. For further information, visit:

www.ofcom.org.uk/manage-your-licence

Product Codes

Px-100	LifeLine Control Panel	UP-306	12V 7AHr Sealed Lead Acid Battery
Pxm-001	Px-100 Semi-flushing bezel	Pxs-001	Spare Px-100 chasis assembly (incl. PSU)
LL-PG	LifeLine Vibrating Pager	Pxs-002	Spare Px-100 Backbox complete with Antenna
LL-PG-01	LifeLine Vibrating Pager c/w Out of Range indicator	Pxs-003	Spare Px-100 Cover
LL-PG-02	LifeLine Engineering Pager	Pxs-004	Spare Px-100 Antenna Assembly
LL-PGR	LifeLine Rechargeable Vibrating Pager	Pxs-011	Spare LifeLine Access Enable Key
LL-PGR-01	LifeLine Rechargeable Pager c/w Out of Range Indicator	Pxs-015	Spare LifeLine Test Enable Key (3 Position)
LL-PGR-02	LifeLine Rechargeable Engineering Vibrating Pager	Pxp-001	Remote Antenna Kit
LL-SC2	LifeLine SleepCom Bedside Unit and Vibrating Pillow Pad	Px-100-SK	LifeLine Site Survey Kit

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LifeLine

LifeLine Vibrating Pager - obsolete

A robust, standard 2 line alphanumeric pager that is simple and easy to operate. The handheld, battery-operated pager is specifically programmed to work in conjunction with the LifeLine system in order to meet the relevant Standard requirements.

The pager is easy to use with two function buttons and four arrow buttons that enable scrolling between settings/messages. The device can store up to forty messages.

When the LifeLine transmitter is activated a message is sent to the vibrating pager unit. An alarm message will continue to vibrate and alert the user every 10 seconds until the main panel alarm is reset. If the message is a general communication text message it only needs to be accepted once by the user.

The pager displays all fire alert messages communicated from the transmitter(s) and delivered as priority over any standard messaging at the time of alert.

The pager comes complete with a belt holster for ease of carrying and access.

The number of pagers that can be used with a LifeLine unit is unlimited. Each pager can be programmed with its own identity.



Features

- Supports all features of the LifeLine pager panel
- Four line (80 character) alphanumeric backlit display
- Single AA Alkaline battery with battery level indicator
- Selection of tone and vibration alerts
- Quick access to vibrate mode

Specification

Frequency	459.15MHz
Dimensions (H x W x D)	48mm x 56mm x 18mm (Excl. belt clip)
Weight	60g (incl. battery)
Case	Robust translucent black plastic
Display	Four line alphanumeric (20 characters per line) Optional backlit
Battery	1 x standard AA alkaline
Operating Temperature	-10°C to +50°C
Alert	Tone & Vibrate
Alert Tone Loudness	75dB @ 0.3M

Order Codes and Options

LL-PG:	LifeLine Vibrating Pager Unit, complete with belt holster
LL-PG-01:	LifeLine Vibrating Pager Unit with out of range indication, complete with belt holster
LL-PG-02:	LifeLine engineering Pager Unit, complete with belt holster

When ordering additional pagers for an existing installation, please ensure you provide as much information as possible about the existing installation, including site location and/or LifeLine panel serial number.

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LifeLine Rechargeable Vibrating Pager - obsolete

The LifeLine rechargeable pager is an alphanumeric pager with a large TFT colour display which displays easy-to-follow icons and twenty-five characters of text on up to six lines. The handheld battery-operated pager is specifically programmed to work supporting all the features of the LifeLine system in order meet the relevant standards.

The pager is easy to use with six large buttons forming the user interface. Two of the buttons are soft keys, menu driven from the display, to allow quick and easy access to messages.

Features include various tone and vibration settings and a selection of individual alarms an operator can set, with all messages date and time stamped. The device also has a separate status LED in the top right hand corner. When the pager receives a message, the status LED will illuminate for five second along with a audible/tactile alert. The device can store up to 200 messages and when full, the oldest message will be removed to make room for the latest.

The rechargeable Lithium battery is capable of providing up to ten days' operation in standby mode and the display also includes a voltage level indicator. The recharging function is provided via a 5V mini-USB port.

The pager comes complete with a belt holster, charging cable and plug.

There is no limit to the number of pagers that can be used with a LifeLine panel and each pager has its own identity for installation.



Features

- Supports all features of the LifeLine pager panel
- Large TFT Colour display (2.2 Inch, 320 * 240 pixels)
- Rechargeable battery via 5V mini-USB Port
- Up to 10 Days battery life in standby
- Battery Level Indicator
- Selection of vibration and tone alert

Specification

Frequency	459.15MHz
Dimensions (L*W*H)	86 * 61 * 21 (mm)
Weight	110g
Case	IP54 Rating (Dust and splash proof)
Display	320*240 Pixel TFT Colour Display
Battery	3.7V, 1.3AHr Lithium Polymer
Charging Port	5V mini-USB Port
Charger Input	100-240Vac, 50-60Hz, 600mA
Standby	Up to 10 Days

Operating Temperature	-10°C to +50°C
Alert Tone Loudness	88dB @ 0.3M

Order Codes and Options

LL-PGR	LifeLine Vibrating Rechargeable Pager, complete with Belt Holster, USB cable and plug
LL-PGR-01	LifeLine Vibrating Rechargeable Pager (Out of Range enabled), complete with Belt Holster, USB cable and plug
LL-PGR-02	LifeLine Engineering Vibrating Rechargeable Pager, complete with Belt Holster, USB cable and plug

When ordering additional pagers for an existing installation, please ensure you provide as much information about the existing installation, including site location and/or LifeLine panel serial number.

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