



LifeLine

Engineer Paging.
Staff Paging. Deaf Alert.



LifeLine

Lifeline is three Advanced Radio Paging Systems in One.



1

Plug and Play Hearing Impaired Alert

2

Engineer Paging

3

Instant Staff Paging

LifeLine

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.

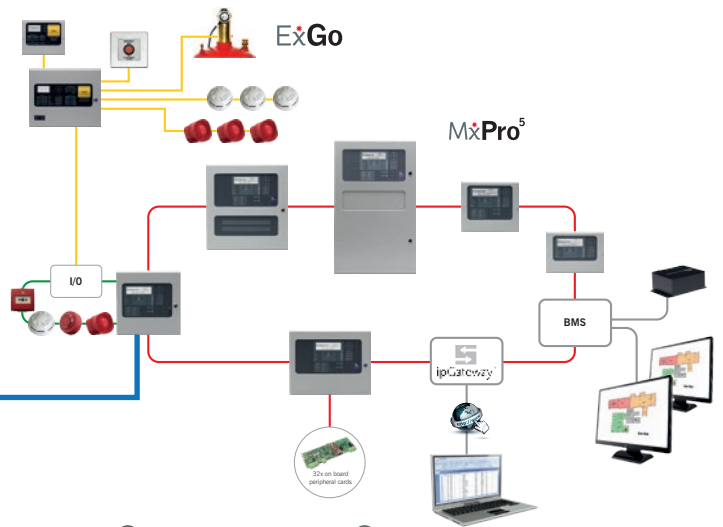
LifeLine can operate from any stand alone conventional or addressable panel or across a large addressable network and is quickly integrated via an ESPA card (for detailed fire paging) or a simple relay connection (for hearing impaired alerts).

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



LifeLine



3

Instant Staff Paging



1

Plug and Play Hearing Impaired Alert



2

Engineer Paging

Panel	Address	Substation	Priority	Device Type	Signal	Status	Comments
1170	Panel 1	0	Staircase 1a	Normal	MS-TRIP	OK	
1170	Panel 1	1	Staircase 1b	Normal	MS-TRIP	OK	
1170	Panel 1	2	Staircase 1c	Normal	MS-TRIP	OK	
1170	Panel 2	0	Staircase 2 Load	Normal	CANTRIP	OK	
1170	Panel 2	1	Staircase 2 Load	Normal	CANTRIP	OK	
1170	Panel 2	2	Staircase 2 Load	Normal	CANTRIP	OK	
1170	Panel 2	0	Staircase 2	Normal	CANTRIP	OK	
1170	Panel 2	1	Staircase 2	Normal	CANTRIP	OK	
1170	Panel 2	2	Staircase 2	Normal	CANTRIP	OK	
1170	Panel 4	0	Charge Valve	Normal	MS-TRIP	OK	
1170	Panel 4	1	Charge Valve	Normal	CANTRIP	OK	
1170	Panel 4	2	Charge Valve	Normal	MS-TRIP	OK	
1170	Panel 6	0	Drift Valve	Normal	MS-TRIP	OK	
1170	Panel 6	1	Drift Valve	Normal	MS-TRIP	OK	
1170	Panel 6	2	Drift Valve	Normal	CANTRIP	OK	

LifeLine



CE EN 300 224-1
EN 300 489-2

ACCESS MODE
Disable Enable Test Eng'r

- POWER MESSAGE 1
- TRANSMIT MESSAGE 2
- FAULT MESSAGE 3
- SYSTEM FAULT MESSAGE 3
- PROGRAMMING MESSAGE 4

1	2	3
4	5	6
7	8	9
Esc	0	Menu

1

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.



2

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.



3

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.



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
- Continued, automatic monitoring and self-test
- Ofcom license advice available if required



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



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 strobe 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



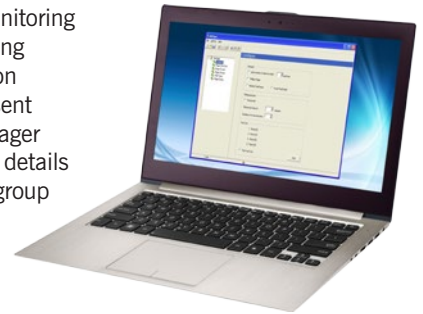
LifeLine Vibrating Pager

- 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

Pager Tool

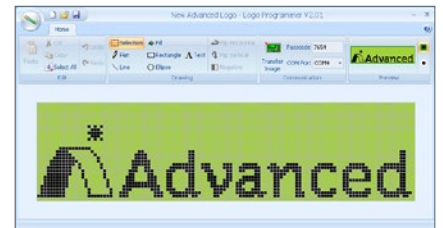
DynamixTools is Advanced's suite of powerful, easy to use fire system software. Pager Tool controls fire system ESPA interfaces and allows actions to be clearly, quickly and easily set.

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

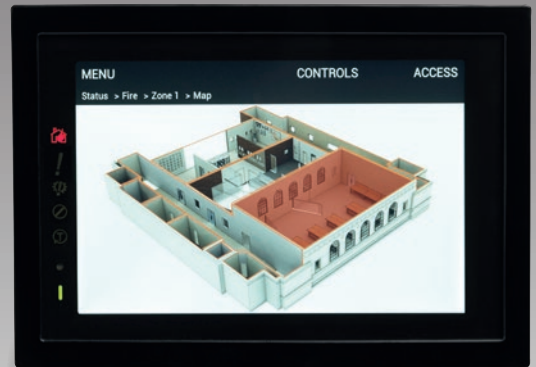


Order Codes

Product Code	Description
LifeLine	
PX-100	LifeLine 2W Control Panel
LL-PG	LifeLine Vibrating Pager Unit
LL-PG-01	LifeLine Vibrating Pager Unit with Out of Range enabled
LL-PG-02	LifeLine Engineering Pager
LL-SC	SleepCOM Bedside Unit & Vibrating Pillow Pad
MXP-047 (F)*	ESPA Pager Interface (for mxPro4)
MXP-547 (F)*	ESPA Pager Interface (for MxPro5)
MXP-547-BX	ESPA Pager Interface (Boxed)
* Add F - Fitted (except Mx-4100, Mx-5100).	
PXM-001	Semi-flushing Bezel for Px-100
UP-306	12V 7AHr Sealed Lead Acid Battery
PX-100-SK	PX-100 Site Survey Kit c/w Pager
LifeLine Spares	
PXS-001	Spare PX-100 LifeLine Chassis Assembly (Inc. PSU)
PXS-002	Spare PX-100 LifeLine Back-box Assembly c/w Antenna
PXS-003	Spare PX-100 LifeLine Cover Assembly
PXS-004	Spare PX-100 Antenna Assembly
PXS-011	Spare LifeLine Access Enable Key
PXS-015	Spare Three Position Test Enable Key
PXP-001	Remote Antenna Module



The Standard in Fire Systems



Advanced fire systems are famously easy to install, maintain and operate, with quality and performance levels that lead the industry in over 60 countries.

MxPro 5 is our unbeatable multiprotocol panel. It includes AlarmCalm false alarm management and supports TouchControl repeaters with Active Maps.

MxPro⁵

AlarmCalm

TouchControl



Contact us now for more information or a demo



Tel: +44 (0)1670 707 111 Fax: +44 (0)1670 707 222
Email: sales@advancedco.com Web: www.advancedco.com





EMEA HQ

Moorland Way, Cramlington, Northumberland NE23 1WE UK
Tel: +44 (0)1670 707 111 **Fax:** +44 (0)1670 707 222

Dubai Office

Dubai Airport Free Zone, Building W3, Office 211, Dubai UAE
Tel: +971 4 299 0908 **Fax:** +971 4 299 0554

US HQ

100 South Street, Hopkinton, Massachusetts 01748
Tel: (508) 435-9995 **Fax:** (508) 435-9990

Email: sales@advancedco.com **Web:** www.advancedco.com