



Lifemax

1510 - Wireless Solo-Call

Thank you for purchasing the Lifemax Wireless Solo-Call system.

Your Solo-Call system includes a Transmitter Unit to connect to your choice of Lifemax Sensor Mat and a rechargeable Pager Unit to pick up an alarm signal within a 30 metre range, when the sensor mat is activated. The Pager unit has options of an audio alarm, vibration alarm or both.

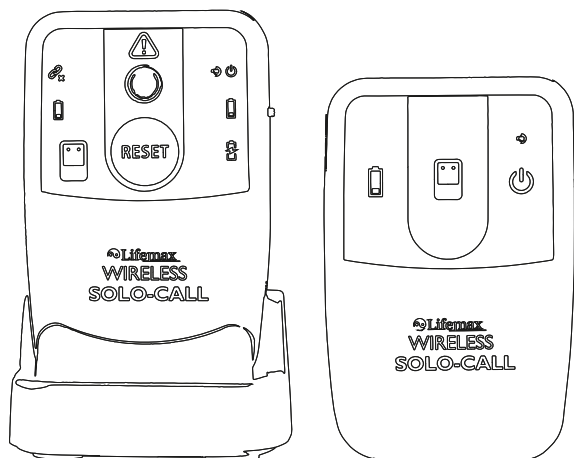
The Solo-Call is ideal for helping people with reduced mobility who may take a fall, or for ensuring a loved one does not wander off, by providing an early warning of any danger. It is simple to use and reduces the burden on any care giver by providing them with a versatile, reliable monitoring system.

Your Solo-Call system includes:

- a Transmitter Unit;
- a Pager Unit with USB Docking Station;
- a Belt Clip, Fixing Strap and Wall Mounting Bracket;
- this Instruction Manual.

To ensure you get the best from your Solo-Call system, you should read and understand this manual before use. Please carefully follow the setup instructions and test your new system thoroughly before relying on it.

Failure to read and observe this manual puts both the carer and patient at risk.



Lifemax Limited
1 Pipers Court, Thatcham,
RG19 4ER. United Kingdom.
www.lifemaxuk.co.uk
T: 01635 874323

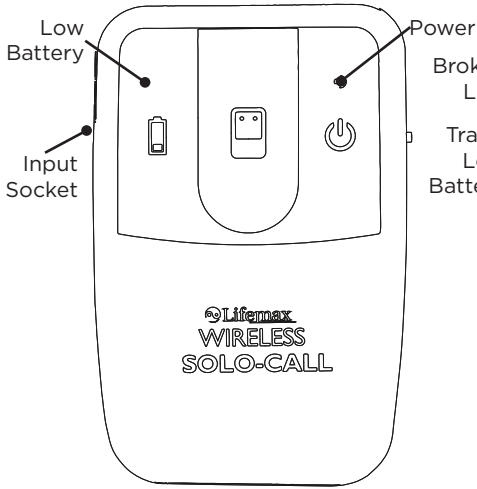


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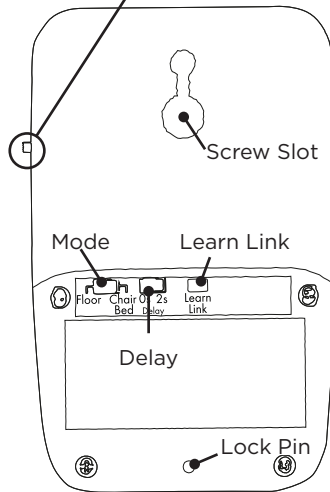
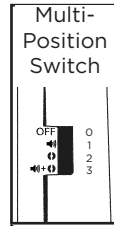
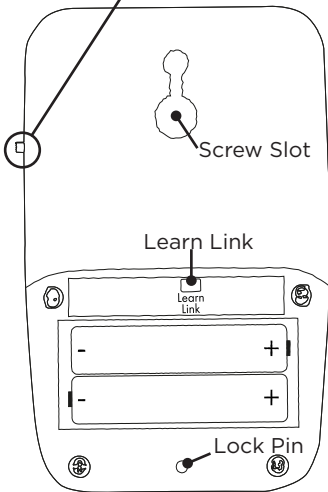
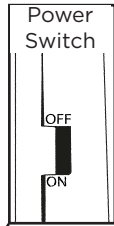
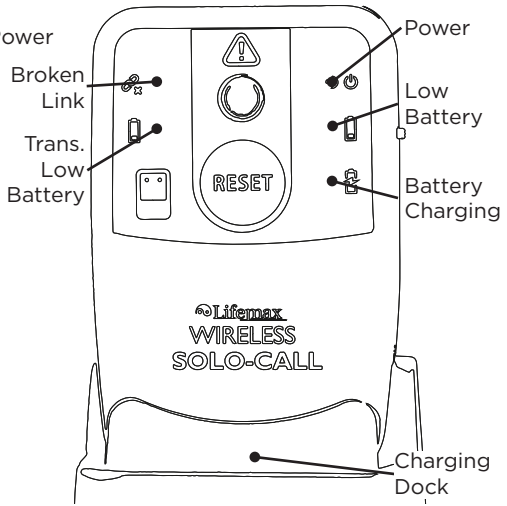


Installation and Setup

Transmitter



Pager





Please carefully follow these setup instructions and test your new system thoroughly before relying on it.

Pager Unit Charging

The Pager Unit should be thoroughly charged before first use, as follows:

1. Plug the USB cable into a suitable USB adapter or socket (not supplied);
2. Stand the **charging dock** on a firm surface and place the Pager Unit into the recess;
3. If necessary, gently push the Pager Unit home onto the charging pin;
4. The **battery charging** LED will illuminate red to confirm the item is charging;
5. When fully charged the **battery charging** LED will illuminate green;
6. When the battery runs low, the **battery low** LED will blink on the pager.

Transmitter Battery Installation/Replacement

The transmitter uses 2 x AAA batteries (not supplied), inserted as follows:

1. Depress the **lock pin** and slide battery cover downwards;
2. If installed, remove existing batteries and dispose of responsibly;
3. Insert 2 x AAA (1.5v) batteries, observing the correct polarity;
4. Replace the battery cover and slide upwards until the **lock pin** locates;
5. When the batteries run low, the **transmitter battery low** LED will blink on both the pager and transmitter.

When not in use for a long period, the transmitter batteries should be removed to avoid leakage. Please refer to Safety Warnings and Battery Guidance.

Pairing the Pager and Transmitter

The Solo-Call Pager and Transmitter must be uniquely paired together, avoiding false alarms and allowing several units to be operated in the same area. The units may be paired as follows:

1. Remove the battery cover on both the Transmitter and Pager units by depressing the **lock pin** and sliding the covers downward;
2. Turn the transmitter unit on, by sliding the **power switch** downwards;
3. Turn the pager unit on, by sliding the **multi-position switch** downwards to position 1;
4. With the battery compartment of both units facing upwards, press the **learn link** button on each unit. The **power light** on each unit will flash rapidly to confirm pairing has begun;
5. Once paired, the **power light** on each unit will flash rapidly to confirm pairing was successful;
6. Replace the battery cover on each unit and slide upwards until the **lock pin** locates.

The Solo-Call system has up to a 30 metre range between the transmitter and pager units. As with any wireless signal, this will be reduced by obstacles such as thick walls and steel beams.

To prevent any gap in monitoring, the Solo-Call system will check for a link between the transmitter and pager every 30 seconds. If no link is detected for 3 successive tests, the pager will alarm and the **broken link** LED will illuminate. In this instance, steps should be taken to return within the wireless range before resetting or re-pairing the Solo-Call system is required.





Attaching the Sensor Mat

The Solo-Call Transmitter will accept any Lifemax Sensor Mat. To attach the Sensor Mat, plug the RJ9 connector into the **input socket**.

Setting the Detection Mode and Delay Setting

The Solo-Call system can be used with a chair or bed sensor mat. Commonly, this will alarm when pressure is relieved from the mat as the patient leaves the chair/bed.

In some environments and to prolong the life of your sensor mat, it may be more appropriate to use your mat as a floor sensor. Floor mats are commonly used to alarm when pressure is applied to them, detecting when a patient moves through a certain area.

In some instances, it is preferable to allow a small delay before the Solo-Call transmitter is triggered. This can reduce false alarms for some applications, such as when a patient moves in their bed or chair. The Solo-Call system offers the option of an immediate trigger or a 2 second delay.

The Solo-Call can be switched between detection modes and delay settings as follows:

1. Remove the battery cover on the Pager unit by depressing the **lock pin** and sliding the cover downwards;
2. Turn the transmitter unit on, by sliding the **power switch** downwards;
3. Turn the pager unit on, by sliding the **multi-position switch** downwards to position 1;
4. With the battery compartment facing upwards, switch the **mode** button to either the chair/bed or floor setting;
5. Switch the **delay** button to either 0s (immediate) or 2s (2 second delay);
6. Replace the battery cover on each unit and slide upwards until the **lock pin** locates.

Mounting the Solo-Call Units

The Solo-Call Transmitter can be mounted using the **screw slot** in the rear of the unit or by fitting the mounting strap, as described below. **To maximise the wireless range, it is recommended that the transmitter is mounted as high as possible and clear of objects that may restrict a signal.**

The Solo-Call Pager also features a **screw slot** or can be fitted with a belt clip/wall mounting bracket, as described below.

To fit either the mounting strap, belt clip or wall mounting bracket:

1. Place the transmitter or pager unit with the battery compartment facing upwards;
2. Insert the peg of the mounting strap or belt clip into the large hole of the **screw slot**;
3. Gently slide upwards and into place.





Operation

After completing the installation and setup, the Solo-Call system will begin working correctly after both the transmitter and pager units have been powered off and on again, as follows:

1. Turn the transmitter unit off and on by sliding the **power switch** upwards and then downwards;
2. Turn the pager unit off and on by sliding the **multi-position switch** upwards and downwards to either:
 - a. Position **1**: Audio Alert;
 - b. Position **2**: Vibration Alert;
 - c. Position **3**: Audio and Vibration Alert.

Chair or Bed Mode

When set to Chair or Bed mode, the Solo-Call will alarm when pressure is relieved from the mat as the patient leaves the chair/bed. The alarm will cease when pressure is reapplied to the mat.

It is possible to temporarily suspend the alarm for 30 seconds by pressing the **reset** button while the pager unit is alarming. After 30 seconds monitoring will resume.

Floor Mode

When set to Floor mode, the Solo-Call will alarm when pressure is applied to the mat, detecting when a patient moves through a certain area. Once triggered, the pager unit will continue to alarm until the **reset** button is pressed.



Safety Warnings

Wireless technology can be affected by environmental factors and can be altered when new equipment is brought into the local area. The Solo-Call incorporates safety checks to warn of a loss of wireless signal, but these should be supplemented by regular manual checks.

Lifemax Sensor Mats are consumable items and should be replaced when they become worn or soiled. Using an excessively worn sensor mat will reduce the effectiveness of the Solo-Call system.

- **Please read the entire instructions carefully.** Always test the units function and battery power before relying on the device. If the **battery low** LED is illuminated or the alarm sound level is low, replace batteries immediately;
- This item is not a toy - small wires and long cables are potentially hazardous. Use with care and under supervision;
- The pager emits a loud signal - do not point directly at any person to prevent hearing damage;
- This electronic product is not waterproof. Do not submerge any component in liquid. This item is for indoor use only, operation in a damp environment is not recommended;
- The product may be wiped clean;
- Batteries should be removed prior to cleaning and during extended periods of non-use;
- This item operates at a radio frequency of 868MHz. It requires no calibration;
- If this product will be used in the vicinity of vital medical devices including, but not limited to, Cardiac Pacemakers, Electronic Cardiopulmonary Devices or Electrographs (ECG), please test each device to ensure they do not interfere with each other;
- If interference from strong radio signals or power lines causes the unit to malfunction, steps should be taken to remove the source of the interference. Once removed, the device will operate correctly;
- On rare occasions, static electricity may cause the unit to malfunction and require it to be reset. To reset the unit, remove all batteries for a short period and re-insert;
- **The Solo-Call contains no user-serviceable parts.** Modification of the device will invalidate the warranty and could cause the unit to breach product safety laws. The manufacturer assumes no responsibility for adapted equipment.
- Do not dispose of electrical appliances as unsorted municipal waste. Contact your local authorities for advice on correct disposal.

Battery Guidance

1. Always remove batteries when device not in use.
2. Batteries should only be installed/replaced by an adult.
3. Battery care guide:
 - a. Use only 2x AAA (UM-4/LR03) Alkaline batteries in the Transmitter. Do not mix battery types: alkaline, standard (zinc carbon) or rechargeable (nickel cadmium) batteries.
 - b. Do not mix old and new batteries. Always replace a full set of batteries at the same time.
 - c. Do not use rechargeable batteries.
 - d. Receiver/Pager uses rechargeable Li-Polymer battery which is not replaceable by the user.
 - e. Read instructions carefully and install batteries correctly observing the polarity (+/-) markings.
 - f. Do not attempt to recharge non-rechargeable batteries.
 - g. Do not use mercury oxide batteries.
 - h. Remove exhausted batteries to avoid leakage.
 - i. Remove batteries from product when not in use for a long period of time.
 - j. Do not short circuit battery contacts.
 - k. To avoid fire and explosion hazard, do not burn or incinerate batteries.
 - l. Recycle or disposal of lithium batteries in accordance with all relevant statute and laws.
 - m. When batteries no longer holds a charge, it should be replaced. The batteries are recyclable.
 - n. Remove old batteries from device and follow local recycling guidance.

Lifemax Warranty Card

In the unlikely event that your Lifemax Wireless Solo-Call develops a manufacturing fault, it is covered by a one year return to base warranty when you return this card.

Your warranty is only valid with the original receipt, please ensure you keep this safe. The warranty runs from the date of purchase.

If your product develops a defect during the warranty period, please call 01635 874323 for further advice. If instructed, please securely pack your item and return enclosing your contact details, your proof of purchase and fault details.

We will, at our discretion, repair or exchange the item in line with warranty legislation. Where no proof of purchase is provided, or the product is outside the warranty period, repairs/replacements will be offered at cost to the customer.

Your warranty does not cover consumables (mats), misuse or customer damage and will be deemed void where the repairs have been attempted by a unauthorised agent.

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Specification

	Pager	Transmitter
Rating	3.7V (750mAh) (Rechargeable Li-Polymer)	3V (2 x AAA Batteries)
Transmit Power		4dBm
Operating Temperature	-5°C - 45°C	-5°C - 45°C
Transmission Distance		Up to 30m
Operating Frequency	868.30 MHz ± 200kHz	

Lifemax Warranty Card

1510 - Wireless Solo-Call

Name:

Address:

Telephone:

Email:

Retailer:

Date Purchased:

We would like to keep you up to date with other helpful products.

If you would rather we did not, please tick here.

