



LUNDERG 2A53B-LUN-BTX Wireless Bed and Chair Sensor Systems Instructions

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2A53B-LUN-BTX Wireless Bed and Chair Sensor Systems Instructions

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How to pair the bed pad with the monitor

1. Make sure the monitor /pager is switched ON!
2. Make sure the transmitter inside the bed pad is ON (either on TX-only or both-sides modes]. It won't work if the pad is OFF!
3. Press the "PAIR" button on the wireless monitor unit until the status LED light turns a steady green. Make sure to complete the pairing before the light turns off!
4. Press and release the centre zone of the bed sensor pad to pair it and add it into the monitor's memory. The Status LED won't be steady anymore and the Sensor 1's red led light will blink once to indicate it has been paired. Your monitor can control up to 3 bed sensor pads or other compatible devices [such as the Lunderg Chair Alarm or Call Button). If you had another bed pad or device already paired it would then be added as Sensor 2 or Sensor 3 if you had already paired 2 extra devices).
5. Test that the bed sensor pad is working by pressing and releasing. The alarm should sound, and the sensor light will blink red to indicate the alarm is activated. If you only have one pad. Sensor 1. will be the one blinking. To stop the alarm press the button STOP. Note that the bed alarm remains paired after pressing STOP and it will be activated again as soon as it detects weight on it.

How to pair the optional chair pad with the monitor

1. Make sure the monitor / pager is switched ON!
2. Make sure the transmitter inside the chair pad is switched ON.
3. Press the "PAIR" button on the wireless monitor unit until the status LED light on the monitor turns steady green. Make sure to complete the pairing before the light turns off!
4. Press and release the center zone of the chair sensor pad to pair it and add it into the monitor's memory. The status of the LED light on the monitor won't be steady anymore and the Sensor's 1 red LED light will blink once to indicate it has been paired. Your monitor can control up to 3 devices! If you had another chair sensor pad or compatible device [such as the Lunderg Early-Alert Bed Alarm or Call Button) already paired it would then be added as Sensor 2 or Sensor 3 (if you had already paired 2 extra devices).
5. Test that the sensor pad is working by pressing and releasing. The alarm should sound, and the sensor light will blink red to indicate the alarm is activated. If you only have one pad, Sensor 1 will be the one blinking. To stop the alarm press the "STOP" button. Note that the chair alarm remains paired after pressing STOP and it

will be activated again as soon as it detects weight on it.

How to pair the optional call button with the monitor

1. Make sure the monitor / pager is switched ON!
2. Press the "PAIR" button on the wireless monitor unit until the status LED light on the monitor turns steady green. Make sure to complete the pairing before the light turns off!
3. Press and release the red button on the call button to pair it and add it into the monitor's memory. The status of the LED light on the monitor won't be steady anymore and the Sensor's 1 red LED light will blink once to indicate it has been paired. Your monitor can control up to 3 devices! If you had another device already paired it would then be added as Sensor 2 or Sensor 3 (if you had already paired 2 extra devices).
4. Test that the Call Button is working by pressing and releasing the red button. The alarm should sound, and the sensor light will blink red to indicate the alarm is activated. To stop the alarm press the "STOP" button. Note that the Call Button remains paired after pressing STOP.

How to clear the memory

To unpair previously paired devices, or if a device is not working properly, please clear the memory.

To do so, hold both PAIR and STOP buttons until the Status LED light blinks fast 3 times (should take around 5-6 seconds).

Note that you will need to repeat the steps described in "How to pair the Bed Pad with the monitor" if you'd like to pair your monitor and bed pad once more. If you have more than one bed sensor pad, repeat the steps for all the bed sensor pads that were previously paired.

If you had other devices paired, such as the Lundberg chair pad and/or call button, you will need to pair them ALL again. To do so, follow the steps described in "How to pair the chair pad with the monitor" and/or "How to pair the call button with the monitor".

Adjusting the Volume

Press the VOLUME button to change the volume settings.

There are 3 possible settings:

High volume + vibration.

Low volume + vibration.

Only vibration [No sound].

LED Light status

The LED light status indicates the correct function of the sensor pad and monitor/ receiver.

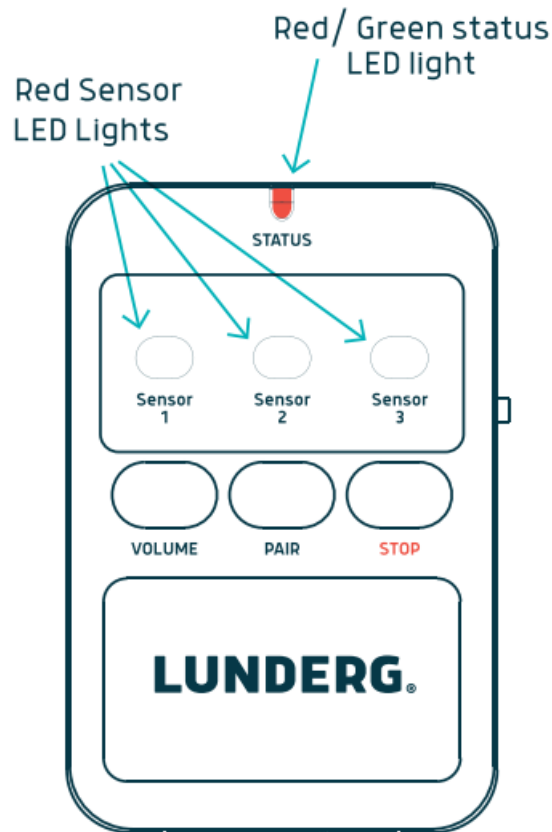
There are 3 possible scenarios:

LED light blinking green = Everything is OK!

LED light blinking red = Low battery on the Monitor [pager]. Change the AA batteries!

LED light blinking red + sensor LED light red = Low battery on the sensor pad that is ON (sensor 1, Sensor 2, or Sensor 3).

You need to replace the bed sensor pad/ compatible device!



Tips from the Caregiver

If your monitor is out of range of the bed pad [or a compatible add-on device) it won't beep when the alarm is triggered!

Test the monitor's range in your home before assuming it will cover the entire space!

We designed the Lunderg Early-Alert Bed Alarm System, chair pad [optional] and call button optional] so they could be used in a multi-floor home. We measured them in open-spaces and they should cover a minimum of 400 feet (122 meters). Note that indoors, the building layout and materials will affect the actual distance you can receive. Homes made from wood frames and drywall will have the best performance, and signals can pass through several walls or a different floor and still be received. Materials like concrete, brick or stone will reduce range quite a bit when compared with drywall, and a metal plate can block them completely. So test, test. test and test some more to make sure it will work properly in the range that you intend to use them.

To maximize the range of your Chair Sensor Pad [optional] it's best if the neck of the chair pad containing the transmitter module is not tucked in. Ideally,

the neck should hang off the back of the chair but if you're using this on a sofa or closed-back chair, please test the range to understand the product's limitations before using it.

- If you are using a sensor pad (Bed Pad or Chair Pad] in conjunction with foam, gel cushions or memory foam, please test the system to make sure it functions properly.
- To minimize the spread of infection, the use of a new sensor pad for each patient is recommended
- Anincontinence pad may be used with the sensor pads. Please test prior to use.
- If you have not been using the system for some time, please test again, it just takes a couple seconds and will give you peace of mind!
- Write on the sensor pad [Bed Pad or Chair Dad] under "Start Date" the date that you begin to use the pad so you will know when it is time to replace it. For safety reasons we suggest a maximum of 15 months of use.

Care & Maintenance instructions

- Use disinfectant wipes or antibacterial cleansers to clean the pad.
- DO NOT immerse the sensor pad in any liquid.
- DO NOT expose the sensor pad to high temperature sanitizers.

Storage

- Always keep the sensor pad (Eed Pad or Chair Pad, flat when in storage. This is very important! Do not fold it or you will damage the pad!
- Operating temperature: 50°F – 104°F (10°C – 40°C).
- Storage temperature: 32°F – 122°F (0°C – 50°C).

Troubleshooting

The alarm doesn't sound/system doesn't work properly.

{Eed pad or chair pad}

1. Make sure the monitor is working properly and it has battery. The light status on the monitor / pager should be blinking green. If there is no light blinking on the monitor, unscrew the battery cover and replace the batteries, following the + – symbols. If after replacing the batteries, the monitor's light still doesn't blink, the monitor needs to be replaced. Contact us immediately!
2. Make sure the sensor pad is working properly and that it has not been used for longer than 15 months! To do so, first open the pocket located at the neck of the pad to access the transmitter module, make sure it is not OFF then apply pressure to the sensor pad and release the pressure. If you do NOT see a red light on the transmitter module, then the sensor pad (bed pad or chair Pad) needs to be replaced. Remember that sensor pads have a lifespan of 15 months and batteries can't be replaced! If you DO see a red light on the transmitter module it means the bed pad / chair pad it's working correctly and just needs to be paired again.
3. Re-pair the pad with the monitor. Clear first the memory of the monitor / pager as explained in "How to clear the memory" and then try to pair the bed pad or chair pad to the monitor. as explained in "How to pair the bed pad with the monitor" or "How to pair the chair pad with the monitor".

Troubleshooting

I am experiencing many false-alarms / Early-Alert doesn't work.

{Eed pad only}

1. Make sure the bed sensor pad is correctly placed. Most of the issues happen because the pad is not correctly placed under the patient's hips. For more info check "Where to place the bed pad & how to secure the pad"
2. Change settings on the transmitter module inside the bed pad to "Tx-Only". For more info check "Selecting the Bed Pad Settings"
3. If the sensor pad is close to the end of its lifespan of 15 months or it has been bent or damaged, we recommend replacing the pad.

If you still have problems/questions contact us at questions@lunderg.com.

Let us know which of these steps you have followed and where the problem is, so we can solve your problem faster!

Help + Customer Service

If you have any issue or question, contact us directly at questions@lunderg.com with SUBJECT "Early-Alert Bed Alarm" or "Chair Alarm" and we will reply in less than 24 hours. Include your Order ID if possible. You can also request a call back at (800) 652-4905.

Legal Disclaimer

The LUNDERG Early-Alert Bed Alarm System and optional accessories [Chair Pad and Call button] have a simple design that's easily installed by the end user. Please note, it is the users responsibility to be sure that the system is installed properly and tested. Additionally a good caregiver is priceless and this product is solely meant to aid in a caregiver's ability to do their job. The use of the product should not replace;

a) Hands On patient supervision.

b) Adequate training for staff personnel for elopement and fall prevention.

c) Testing of the system before each use.

First and foremost this product is covered by a 30-day no questions asked money back guarantee. Please contact questions@lunderg.com for any questions or concerns.

WHERE PERMISSIBLE, IT IS THE SELLER'S INTENT TO LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES TO REFUND OF THE PURCHASE PRICE OF REPLACEMENT OF THE GOODS. SELLER DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF THE USE OF GOODS.

WARNING: The manufacturer does not claim that this device will stop elopement and/or stop falls. This device to augment caregivers' comprehensive resident mobility management program. This product is to be used by a licensed caregiver only.

Limited Warranty: Seller warrants that the goods sold will be free from defects of workmanship and manufacturing, for a period of one year from the date of sale. Other than this limited warranty, seller makes no express or implied warranties. Except for this limited warranty, NO EXPRESS OR IMPLIED WARRANTIES ARE GIVEN AND NO AFFIRMATION OF SELLER, BY WORDS OR ACTION, WILL CONSTITUTE A WARRANTY. THE GOODS BEING PURCHASED ARE BEING SOLD ON A "WITH ALL FAULT" BASIS. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE GOODS IS WITH THE BUYER. SHOULD THE GOODS PROVE DEFECTIVE FOLLOWING THEIR PURCHASE, THE BUYER, AND THE MANUFACTURER, DISTRIBUTOR OR RETAILER, ASSUMES THE ENTIRE COST OF ALL NECESSARY INSTALLATION, SERVICING OR REPAIRS.

Lunderg Wireless Bed & Chair Sensor Systems

FCC statement

Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not in-stalled and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF exposure statements

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

2. This equipment complies with FCC radiation exposure requirement set forth for an uncontrolled environment.

End user must follow the specific operating instructions for satisfying RF exposure compliance.

Manufactured by Cross Innovations LLC

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If you have any issue or questions, contact us directly at questions@lunderg.com.
We reply to every message within 24 hours!

Canada warning:

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s).

Operation is subject to the following two conditions:

This device may not cause interference.


This device must accept any interference, including interference that may cause undesired operation of the device.

RF exposure statements

This device complies with the ISED RSS-102 RF exposure requirement set forth for an uncontrolled environment and are safe for intended operation as described in this manual.

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Documents / Resources

	LUNDERG 2A53B-LUN-BTX Wireless Bed and Chair Sensor Systems [pdf] Instructions 2A53B-LUN-BTX, 2A53BLUNBTX, 2A53B-LUN-BTX Wireless Bed and Chair Sensor Systems, Wireless Bed and Chair Sensor Systems, Bed and Chair Sensor Systems, Chair Sensor Systems, Sensor Systems, Systems
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References

- [User Manual](#)