

Mattress Elevator

UBEE0001-2



USER MANUAL



WARNING: Please read this Manual carefully before using the **Mattress Elevator** as it contains important information regarding the safe use of the product.

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1. Introduction

Designed in the UK, Ultimate Healthcare's Mattress Elevator is adjustable and suitable for single and double beds measuring from 76cm - 141.5cm.

Electrically powered, the mattress elevator provides postural support allowing the user/users to sit up unaided at the touch of a button. The back angle adjustment is variable from 9 to 65°. Fitted with quality controls and actuator, the operation is smooth and quiet.

The mattress elevator is suitable for most pocket sprung and foam mattresses, but not for the more ridged, orthopaedic and bariatric type mattresses.



NOTE:

Prolonged use may cause damage to the mattress.

The single or combined maximum user weight 254kg (41 stone).

Safe working load (including mattress) is 313kg (49 stone).



NOTE:

- Ensure the instructions are fully read and understood.
- Retain the instructions with the mattress elevator.
- Ensure the mattress will flex profile sufficiently (bend to 72°).
- Ensure the bed base is of suitable strength and rigidity.
- Inspect the mattress elevator regularly and ensure the fastening straps remain tensioned and in place. Also check electrical components and cables to ensure they are free from damage or wear.
- Keep body parts away from the mattress elevator's framework and moving parts.
- Unplug from the power socket when not in use.
- Use a bottom sheet and duvet.



WARNING:

- DON'T exceed the maximum user weight of 258Kg (41 stone).
- DON'T use the mattress elevator if a fault is detected.
- DON'T exceed 20% maximum duty cycle (12 minutes usage per hour).
- DON'T allow children to play with the mattress elevator or leave them unsupervised with the mattress elevator.
- DON'T try to operate in the event of power failure.
- DON'T use outside; the mattress elevator is only suitable for use in the home.
- DON'T attempt to clean the mattress elevator with the power supply connected.

2. Assembly and fitting

Prior to installation, ensure your mattress elevator is suitable for your local supply, i.e. 230 Volts 50Hz and UK 3-pin socket (BS1363)

1. Ensure that the bed to which the Ultimate Healthcare mattress elevator is fitted has a base of suitable strength and rigidity to support the product.
2. Having removed the mattress from the bed, place the mattress elevator on the headboard end of the bed base with the chrome bars uppermost.
3. The end of the base frame should be placed approximately 80mm from the end of the bed.
4. The two chrome bars are adjustable; these need to be set to suit the width of mattress. To do this, remove the four e-clips on the top and bottom bars of the mattress frame and extend to approximately 50mm inside the edge of the mattress. This will ensure full support. Once done so, replace the e-clips.



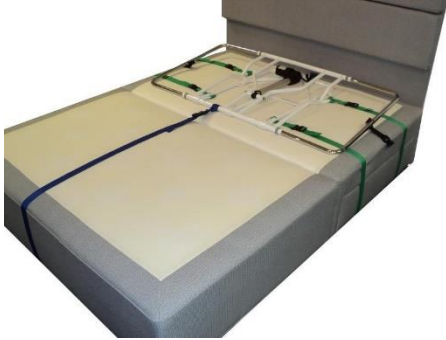
NOTE:

The Ultimate Healthcare mattress elevator has colour-matched retaining straps to identify where they should be fastened.

5. Note the Ultimate Healthcare mattress elevator has colour-matched retaining straps to identify where they should be fastened.
6. Secure the mattress elevator base section to the bed base using:
The single blue strap along the length and looped under the base.
The two green straps across the width and looped under the base.

Following step 6, ensure straps are tensioned fully and the mattress elevator is retained firmly in place. See picture below.

Assembly and fitting, continued:



7. Replace the mattress with the bed sheet fitted onto the bed base and mattress elevator.

8. Secure the mattress elevator upper section to the mattress using the single black strap around the width of the mattress. Ensure the strap is tensioned sufficiently. See picture below.

9. Connect both transformer cable and hand controller cable to the two-mattress elevator leads attached to the actuator (motor).
10. Having ensured the power cables are routed safely towards the head end of the bed, insert the mains lead into the power supply. Then, insert the mains plug into the power socket. Power on is indicated by a green light on the transformer.
11. The mattress elevator is ready for use

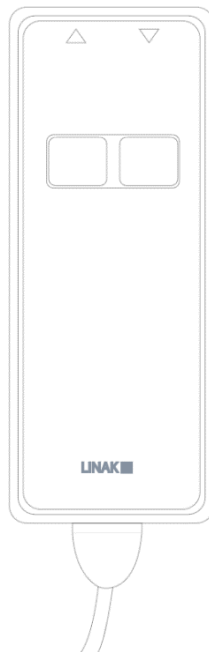


3. Instructions for use

Using the hand controller, press and hold the left hand button to raise the mattress elevator to the desired position.

The mattress elevator can be stopped and used at any angle.

To lower the mattress elevator, press and hold the left hand button on the hand controller. See hand controller diagram below.



CAUTION:

Always unplug the unit from the mains supply when not in use.

4. Maintenance

Inspect the mattress elevator daily. Ensure that the securing straps are under tension and the frame is positioned correctly on the bed.

Check the frame, straps, power leads, transformer and hand controller for any signs of wear/damage.

If parts are found to be defective or worn, do not use the mattress elevator. Seek assistance from your supplier or contact Customer Services on 0333 321 8996.

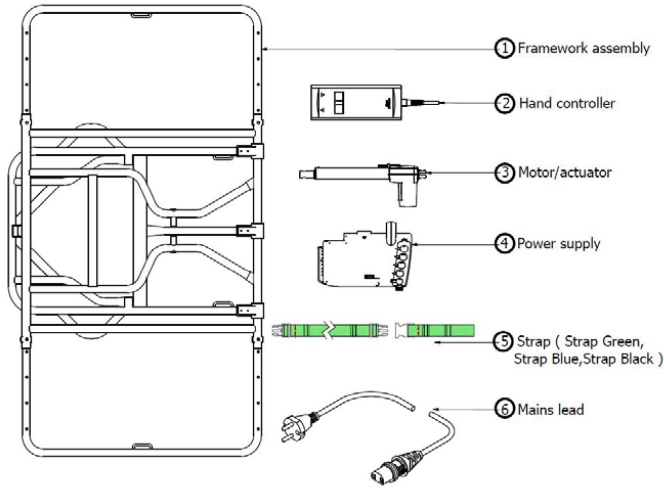
5. Cleaning

Before cleaning the mattress elevator, ensure the mattress elevator is unplugged from the power supply. Failure to do so could result in injury from electric shock.

Use a cleaner or disinfectant solution. Remove the cleaner or disinfectant with clean water and dry before use. The webbing straps can be washed in warm soapy water. Do not wet any electrical parts.

6. Parts list

Parts List	Part code	Item
Framework assembly	UHSUBEE0001-2-FRAME	1
Hand controller	UHSUBEE0001-2-CONTROL	2
Motor/actuator	UHSUBEE0001—2-ACTUATOR	3
Power supply	UHSUBEE0001—2-POWER	4
Strap Green	UHSUBEE0001-2-STRAP-GRN	5
Strap Blue	UHSUBEE0001-2-STRAP-BLU	5
Strap Black	UHSUBEE0001-2-STRAP-BLK	5
Mains lead	UHSUBEE0001-2-MAINS	6
Clips x 4	UHSUBEE0001-2-CLIP	7



7. Troubleshooting

Please note the mattress elevator does not contain any user serviceable components. Do not disassemble any components. In the event of failure, refer to your supplier.

In the event the mattress elevator fails to operate, complete the checks listed below:

1. First ensure the metal framework (mechanism) is not obstructed.
2. Ensure there is power to the mattress elevator; this is indicated by a green light on the transformer.
3. Check the power cables are all connected properly.
4. If the mattress elevator is overloaded, or usage exceeds 10 % (6 minutes per hour), the power supply has a built-in cut out. This will prevent further use and protects electrical components. Allow the mattress elevator 30 minutes to cool down before operating.
5. Check 5 amp plug fuse has not blown.

If, having completed the above checks, the mattress elevator still fails to operate, please contact Customer Services on 0870 428 6295.

8. Technical specifications

Single/combined maximum user weight	254kg 41 stone
Safe working load	313kg 49 stone
Suitable for bed widths	76cm – 141.5cm
Backrest angle variable	9° to 65°
Maximum duty cycle 10% (6 minutes usage per hour)	
Mattress Elevator net weight	16kg
Transformer	
Linak	
Power required	240v 50/60Hz
Transformer output	29V, 2.5 A
Plug fuse	5 Amp
Actuator	
Linak	24 V DC / Max 4.5 A
Output	6000N

9. Warranty

12 months manufacturer's warranty, against manufacturing defects.

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