



Assembly and User Manual



Intended Use

Your Alerta Medical Lomond nursing bed is intended for use as a replacement for household beds. They are intended to help give independence to users who are dependent on assistance from carers, aid in pressure relief (using a suitable mattress) and for making the transfer and care of the user easier for carers. The bed is only approved to be used/occupied by persons over 12 years of age subject to assessment.

** This model has the 'Trendelenberg' function enabled handset and must only be used under strict medical supervision. This function is locked from use when supplied and should only be unlocked and used by qualified persons. To avoid the risk of serious injury the user must never be left unattended when the bed is set in the Trendelenberg position. **The key to lock or unlock functions is provided with the handset. Please remove this from the bed when putting into service.***

Safety Advice

BEFORE FIRST USE:

- Always check the condition of the moving mechanical parts in order to ensure the device is used in complete safety.
- Check the device has been assembled correctly, paying particular attention to the locking screws for the headboard and footboard and the mechanical joints in general.
- All bed platform locking pins must securely in place when bed is occupied.
- The area under the bed must be totally clear at all times.
- The bed should not be used by persons younger than 12 years old or taller than 195cm (6' 5").
- Ensure all cables are free from any pinching hazards on the bed. If any cables appear damaged, discontinue use and replace immediately.
- Route the mains power cable so it cannot be run over, crushed or stretched by other equipment around the bed. Always remove the mains plug from the wall when moving the bed.

Handset Operation

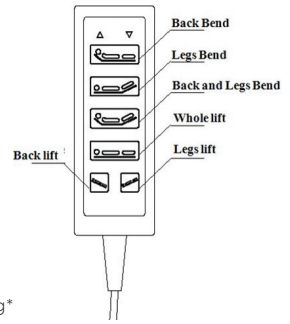
Backrest raise/lower

Legrest raise/lower

Backrest and legrest raise/lower

Bed raise/lower

Trendelenberg/
reverse Trendelenberg*



WHEN IN USE:

- Ensure that all the castor brakes are applied when the bed is occupied.
- Do not use any electrical medical appliances on patients in the bed.
- Do not use the bed in the vicinity of major medical equipment (x-rays etc.)
- When operating the bed, be aware of the patient's and the bed's surroundings as a crushing/entrapment hazard could be possible.
- If the patient is underweight, ensure that they cannot slip down between the mattress and the bedrails. Use bed rail protectors/padding if necessary.
- Ensure that the bedrails are locked in the required position and are parallel to the floor.
- Do not reach for objects through the bedrails.
- Do not operate the bed if ANY object is projecting through the bedrails.
- Before adjusting the height of the bed, ensure there are no obstacles to prevent full adjustment in both directions.
- Check all components for tightness and ensure all motors are operating correctly before use.
- Always leave the bed in its lowest position when not being used to avoid the risk of accidentally trapping anything underneath.
- **DO NOT** move an occupied bed when the mattress frame is elevated.
- **DO NOT** stand or sit on the side rails as they may break resulting in injury. They are designed to prevent the occupant from falling from the bed.

Moving an occupied bed

It is recommended that the bed should be unoccupied before repositioning, but should the bed need to be moved whilst occupied the mattress support base should be in its lowest position, and all frame locking knobs must be locked securely in position. The plug must be removed from the mains supply and all cables/leads should be positioned so that they will not interfere with the castors or persons moving the bed.

Always ensure the hand knobs and grub screws which hold the frames together are present and fully tightened. Care should be taken when moving the bed over room thresholds. Ensure the bed end castors are parallel to the threshold and a person is situated at the front of the bed to guide it over the threshold. If there appears to be any frame movement or distortion when initially moving the bed, cease the operation immediately and transfer the user from the bed and check the hand knobs tightness and the frame locking knobs are locked in position before continuing.

Care and Maintenance

The bed should be regularly checked to ensure that all fastenings are secure and that the chassis of the bed is sturdy and surefooted. Check cables for wear or damage and replace where necessary. We recommend that servicing be undertaken on a 12 monthly period to ensure reliable operation of the bed. Beds that are heavily used should be serviced on a more regular basis. Suitably qualified, trained personnel only should carry out the servicing and maintenance.

- Always remove the mains plug from the wall if cleaning the bed.
- Avoid getting any of the motor assemblies wet to prevent causing any damage.
- To avoid any damage when cleaning the bed:
 - Do not use any sharp-edged tools (knives or scrapers).
 - Do not use aggressive solvents.
 - Do not use high-pressure cleaners.
 - Use a damp cloth with a mild cleaning agent, wipe away any excess cleaning solution which may pool on the wood surfaces.
 - Domestic cleaners should only be used without including any scouring agents. Do not use alkaline or benzene based cleaning agents on the wood surfaces.
 - If extra cleaning is required using disinfectants, the manufacturer's instructions should be adhered to.

Warranty

This is to certify that your Alerta Medical product is warranted for a period of 24 months from the date of original purchase. This warranty is not transferable. Should a defect of operating fault arise within this period, the retailer from where the product was originally purchased should be contacted immediately. Failure to register the fault may invalidate the warranty. The Retailer from where the product was purchased is responsible for any warranty repairs.

Alerta Medical warrants that if a fault occurs within this period due to faulty workmanship or materials that the product will be repaired (or replaced at the Company's discretion) free of charge. Any unauthorised modifications will invalidate the warranty. Parts which are subjected to normal wear and tear, accidental damage, neglect or misuse are excluded from this warranty.

Model: _____

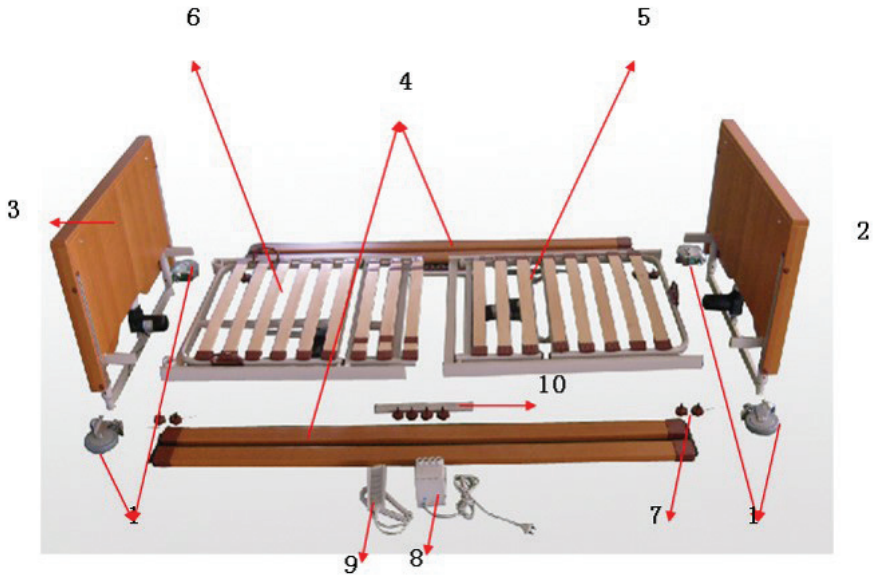
Serial No: _____

Purchase Date: _____

2. Bed Installation

The assembly process can be completed by one person.

2.1 Subassembly list:



Item	Name	Description	Qty
1	Castors	75mm PU wheel, with individual brakes	4
2	Head board and "H" bed lifter subassembly	Assembled head board and "H" bed lifter support and base with lifted motor	1
3	Foot board and "H" bed lifter subassembly	Assembled foot board and "H" bed lifter support and base with lifted motor	1
4	Side rails	Four wood side rails with plastic cover and springs	4
5	Backrest bed frame subassembly	Assembled upper frame/backrest, containing back-rest motor	1
6	Lower knee-break bed frame subassembly	Assembled bed frame/knee-break, with knee-break motor	1
7	Fixing screws	With plastic grips	4
8	Dewart control box		1
9	Dewart hand-controller		1
10	Steel Connecting Bars	Bars to join 5 & 6 Subassembly's	2

2.2 Installation process

(A) Install Head/Foot board **(2 & 3)** to bed frame subassembly **(5 & 6)**: Stand Install Head/Foot board **(2 & 3)** up against a wall with the brakes applied. **(2)** and **(3)** are the same so either can be used either end. Open the spring locking mechanism to allow bed frame to be applied as shown.



Then locate the metal lugs of the bed frame into the receiving notches on the bed end and push down firmly so they sink to the bottom.



Take care to close the spring locking mechanism into its locked position.



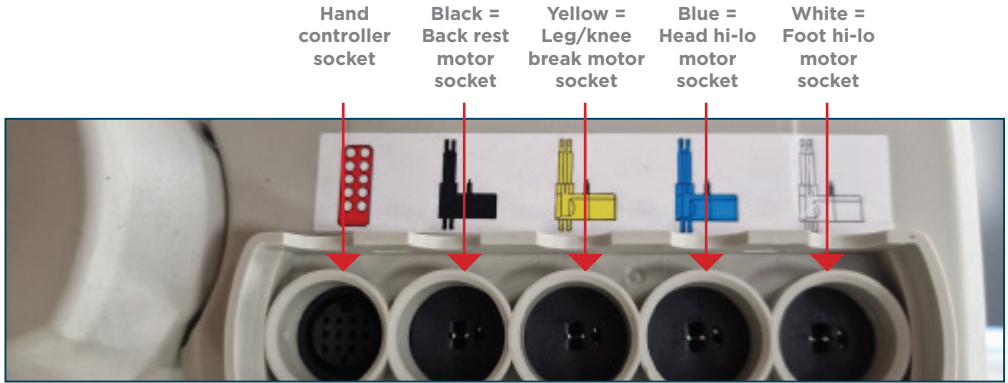
(B) Connect Bed frame Backrest subassembly **(5)** to **(6)** Hold up the foot end bed frame subassembly, and put the steel connection bars **(10)** into tube of bed frame. Use the fixing screws **(7)** to secure in, hand tighten.



Please note: tighten the screws.

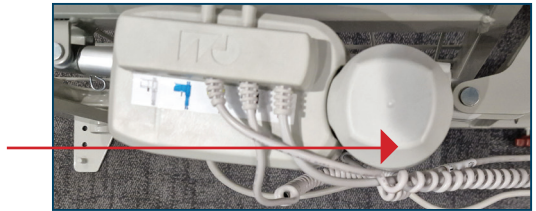
(C) Connect bed frame foot end assembly **(6)** to backrest bed frame **(5)**. Please ensure all screws are fully tightened.

2.3 Connect plugs for motors and hand controller



The backrest actuator (black label), knee/leg break actuator (yellow label) and control box must be manually fitted to the bed before connecting the electrics.

1. Connect the control box (8) to the backrest actuator. The backrest actuator is identifiable by the black label near the plug, and it has a plastic clamp for fitting the control box to.
2. Fit the backrest actuator (black label) with control box to the underneath of the backrest section of the bedframe, the backrest frame has 2 mattress retainers and is largest.
3. Fit the knee/leg break actuator, identifiable by the yellow label near the plug, to the underneath of the knee-break section of the bedframe, the knee-break frame has 3 mattress retainers and footrest ratchets.
4. Locate the plugs for the 4 motors and the hand controller (9) and insert them firmly into the correct sockets as shown in the coloured diagram image above.



Ensure the cables are routed through the holders at the bed ends.



Using the key attached to the cable, unlock the handset on the back to allow movement on the bed.

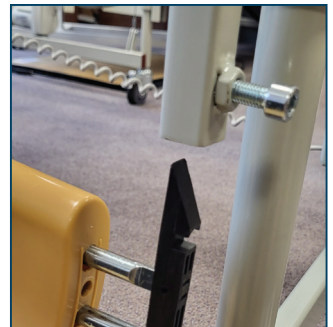
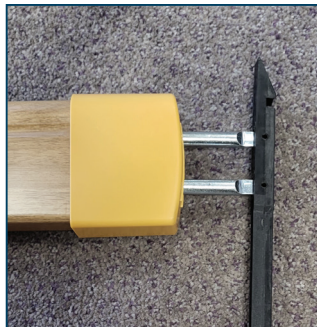


2.4 Side rails (4) assembly

Next plug the power cable into the mains and switch on at the wall. Raise bed up to allow side rails to be installed. Unscrew the securing bolt and fully insert the slider to the slider channel ensuring the point at the top of the slider goes in first facing up. Fully re-secure the securing bolt. Now fit the 2 side rails on to the metal fingers.



Insert the metal fingers in to the opposite end of the side rails, then fit the 2nd slider to the bed.



Raise the finger sliders with the side rails fitted fully into the slider channel and fully re-secure the securing bolt.

SAFETY & WARNINGS



Alerta accepts no liability for any use, change or assembly of the product other than as stated in this user manual. Accessories not mentioned in this manual must not be used.

The Lomond bed fulfils all requirements regarding maximum distances. However, if the bed is used for the care of patients with a small body dimensions, it must be especially noted that there is a risk of such a patient slipping through the openings between the side rails or through the opening between the side rail and the mattress support.

The bed must not be used by patients under 12 years of age, or by patients with body size equivalent to an average 12 years old or smaller.

The bed, in combination with side rails must not be used for persons under 45 kg or under 150 cm height. Either for persons that are restless (spasms) or confused, unless a professional risk assessment has taken place and been accepted.

When using side rails it is essential to ensure correct fitting - **otherwise there is danger of entrapment/suffocation between mattress support, side rail and bed end.**

Do not place any objects underneath bed.

Make sure that there are nothing under, over, or near the bed that can limit the movement of the bed or the mattress support, such as furniture, window frames and storage boxes.

Always lower the bed to the lowest position before leaving the patient in the bed unattended.

After completion of assembly, always check that bed is fully functional before placing patient in bed.

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CS Lifesciences Europe Ltd

The Black Church
St. Mary's Place
Dublin 7
D07 P4AX
Ireland

europ@cslifesciences.com

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Making **cutting-edge**
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Head Office

Alerta Medical
4 Symington Place
Riverside Business Park
Irvine
KA11 5DE
United Kingdom

www.alertamedical.com