

LIBERTY CARE BED AID USER GUIDE

LIBERTY PLEJE SENGEN

FRIHED - VÆRDIGHED - FLEKSIBILITET - ØKONOMISK
FREEDOM – DIGNITY – FLEXIBILITY – ECONOMIC



Company contact and service centre

Please contact Liberty Cares Service centre for any Liberty Care enquiries, ordering of replacement parts, Instructions for use, give customer feedback, questions or reporting incidents.

Liberty Care ApS, Langebjergvaenget 14, 4000 Roskilde, Denmark

Ph: +45 2384 8084 Webpage: <http://libertycare.dk/> Email: rg@libertycare.dk

See the Instructions for Use for more detailed information about use, warnings etc.

Description and clinical benefit

The Liberty Care is an electric bed aid, that provides a comfortable, adjustable sleeping and sitting platform and allows the user greater independence to exit and enter the bed from the foot end, unassisted in home, rehabilitation or health care settings.

The Liberty Care bed aid consists of a bed chassis and deck, mattress, head board, pillow clips, underbed light, an attendant/carer handset, a control box, 4 actuators. The two side rails, arm rests and user controller in the arm rests are optional accessories.

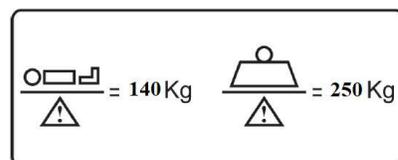
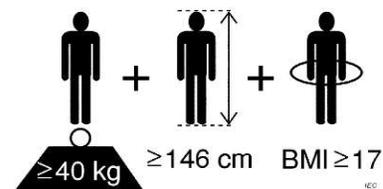
Intended users and environment

- 1) Elderly or immobile users/patients in home settings, nursing homes, rehabilitation centres.
- 2) Carers or Health Care Professionals can assist the patient in and out of the bed without the use of hoists and that need to be able to adjust the working height (39cm – 87cm).

Contraindications

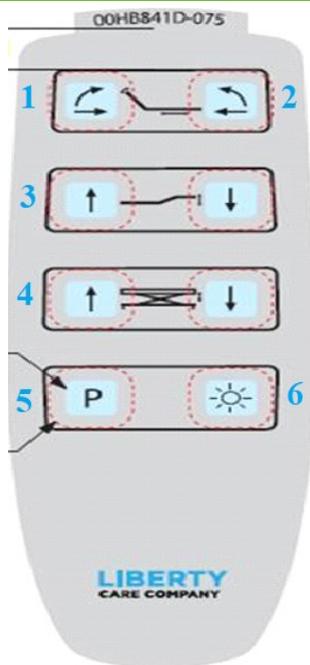
Use of the Liberty Care is contraindicated if the patient:

- lays outside the following measurements:
 - Under 146cm tall or over 190cm tall
 - under 40kg or over 200kg of weight or BMI < 17.
- is at risk of falling if unsupervised
- can not use the control in the arm rests
- is not in control of their own body for example by being agitated, disorientated patients overmedicated or having underlying disease



HANDSETS - CONTROLS

Carer/Attendant Handset



- 1: EXITING FUNCTION: Lifts the back rest to sitting position and moves the mattress towards the foot end
- 2: ENTERING FUNCTION: moves the mattress towards the head end and lays the back rest down to laying position
3. Raises and lowers foot end of the bed
4. Raises and lowers height of the bed
5. Programming function – bed entering height (hold the P button and B function in arm rest or under bed control until beep sounds to program bed exiting height)
6. Light under bed: ON/OFF function

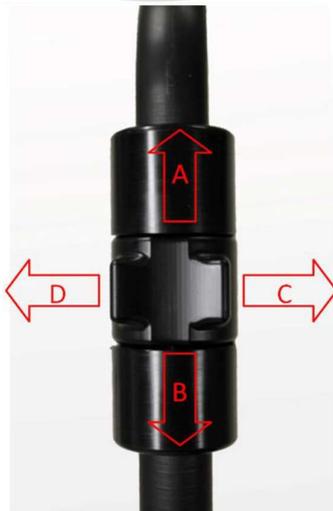
Emergency stop



The emergency stop function is built into the design. The emergency stop is activated when the button is released.

User arm rest controls

Note: use left and right sides simultaneously



- A: BED EXITING FUNCTION: Lifts the back rest to sitting position and moves the mattress towards the foot end and user can exit
- B: BED ENTERING FUNCTION: moves the mattress towards the head end and lays the back rest down to laying position
- C: Raises the foot end of the bed
- D: lowers the foot end of the bed

Emergency stop



The emergency stop function is built into the design. The emergency stop is activated when one side is released.

MATTRESS

The 120mm (standard) or 160mm (Custom made) thick mattresses are attached to the tracks to prevent movement or sliding. The mattress has Tempreflex® memory foam on the upper layer(s) and high resilient foam underneath. The mattress cover is made of Oekotex® Polyurethane and polyester. It can be washed manually or automatically.

The mattress measures 2000mm x 900mm x 120mm or 160mm. The 120mm standard mattress is for users weighing between 40kg-140kg. A Custom-made device option is available for the 160mm mattress for users weighing between 70kg to 200kg.

Contact Liberty Care to order a replacement mattress.



Compatibility

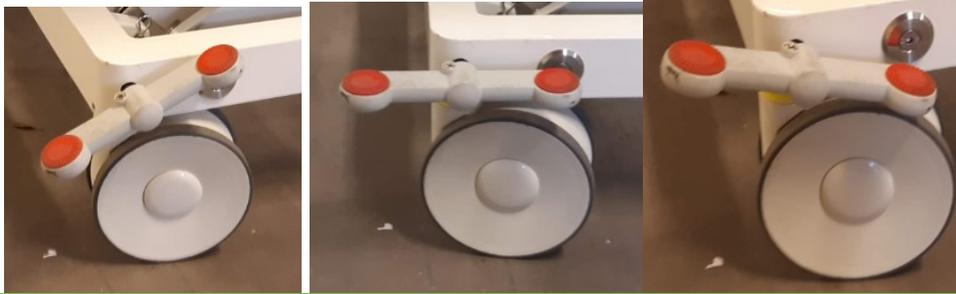
The Liberty Care is only compatible with Liberty Care devices and accessories. Using other brand products may lead to hazardous situations such as entrapment.

CASTORS

There are four castors with swivels, two at the foot end and two at the head end. They can be locked/braked at the head end at either side by pressing the red labelled side down to a diagonal position. To release the brake, lift up to a horizontal position. The direction can be locked by pressing the red side down.

This picture depicts:

Central brake applied (left), brake and swivel open (centre), and swivel lock (right).



CLEANING

The Liberty Care should be cleaned on a regular basis, between users and when soiled. Clean all user contact surfaces and where dust can accumulate. It can be cleaned manually or by an automated system (safe for use up to IPX6).

The bed can be cleaned with a moist, wrung cloth with normal household cleaning agents. It can be disinfected with alcohol (70%) or a low chlorine concentration solution.



Deviations from the cleaning and disinfection product instructions can adversely affect the life and efficacy of the Liberty Care leading to potentially hazardous situations.

ACCESSORIES AND REPLACEMENTS OF COMPONENTS

Accessories and the replacement of parts is described in the Instructions for use. These can be ordered via the service centre and installed by the Authorized Liberty Care Personnel.



Compatibility

The Liberty Care is only compatible with Liberty Care devices and accessories. Using other brand products may lead to hazardous situations such as entrapment.

SCHEDULE MAINTENANCE AND SERVICE

Maintenance is carried out by a Liberty Care Authorised service technician at once a year.

Repairs and Service can be scheduled by contacting the service centre. For damaged parts, it is helpful to take a picture and send this plus a short description to the Service Centre.



Annual maintenance is essential to the continual safety of the use of the bed.

Do not use the bed if there are parts that are broken.

See the trouble shooting table for problem solving.

COMPLAINTS OR INCIDENTS

In the case of an incident, or product failure or unexpected event, please report this to the Service Centre and the National Health Authority in the country in which you live with a description of the incident. In the case of a user incident, for example a fall out of the bed, please contact their Health Care Provider immediately for medical attention.

ELECTRICAL COMPONENTS

The Control box's input is 100-220V and frequency 50/60Hz and maximum Amps 8. The control box is double isolated.

Power cord reaches min 2.25m from the perimeter of the bed and is equipped with strain relief and bend protection. They are protected by a durable PVC material.



Avoid inappropriate handling of power supply cords to avoid kinking, shearing or other mechanical damages.

The cable net must not be damaged, pulled on or bent. If damaged, then disconnect the cable immediately.

TROUBLE SHOOTING

Failure	Possible Causes	Possible solutions
Handset or controller not working	Main cable is not plugged in or loose	Plug in main cable and see if light is green on control unit
	Main cable or control unit is faulty	Order service to check and replace parts
	Fuses in the control unit are defective	Order service to check and replace parts
	Handset faulty	Replace handset via service centre
	Overheating	Parts need to cool down. Wait 20 minutes and try to use again.
	Control unit not functioning	Try a new power socket no the wall
	Motor is defect	Replace part. This can be ordered via the Service Centre.
Height adjustment and mattress not functioning/moving or moving in an uneven fashion	Control unit not functioning	Order service to align control unit
	Motor has lost its positioning	Check that all cables are connected and that there is power and try again. If it doesn't, contact the Service Centre to reposition.
	The electrical parts have been overloaded	Wait 20 minutes and try to use again.
Bed is tilting, even though it should be flat	The bed has been overloaded over its maximum weight load	Stop using the bed and order a service.
Bed is making an odd sound when moving	The motor made be damaged	Change the defect parts which can be ordered via the service centre.
		Check that there are no parts that have been crushed or damaged