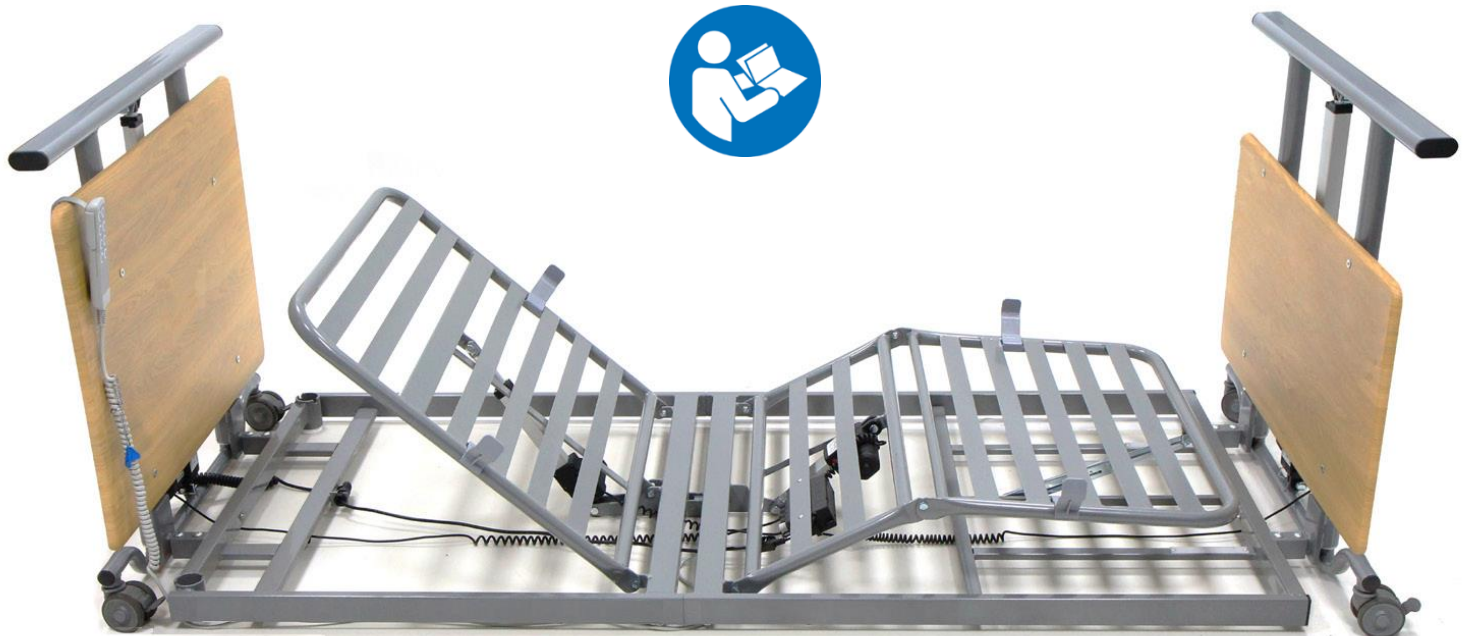




# PremiumLift

ULTRA LOW BED - USER MANUAL



READ THIS INSTRUCTION MANUAL AND OBSERVE SAFETY INSTRUCTIONS

# GENERAL INFORMATION

## READ THIS INSTRUCTION MANUAL AND OBSERVE SAFETY INSTRUCTIONS



### CAUTIONS

Please read the contents of this instruction manual carefully prior to using the PremiumLift Ultra Low Bed (“the bed”). In the event the PremiumLift Ultra Low Bed changes owners, please supply this instruction manual to the new owner.

When the bed is moved on the transport frame take care not to allow it to tip over.

Please check all fixings on your bed at least once per month. Pay special attention to sleeping platform bolts.

Before cleaning and disinfection, the mains plug must be disconnected and hung safely.

Plugs for the handset and the motors which are inserted into the mattress base control box and the motor unit must remain plugged in. This is necessary to prevent water ingress to the control box.

Do not sit on the leg section of the bed when operating the raise function.

Ensure the recommended service and maintenance schedule in this manual is completed. Failure to do so may invalidate warranty claims.



### WARNINGS

Before lowering the bed check the area underneath is clear. Any obstructing article could be damaged or could cause instability to the bed.

Take care when lowering the bed to ensure limbs of any person or other objects present do not become trapped under the bed. The lowering rate will reduce when 120mm from floor level, to allow the operation to be stopped and the bed raised before any limb or object becomes trapped. Do not store the power supply under the bed.

# GENERAL INFORMATION

## 1 INTENDED PURPOSE

### 1.1 USE FOR THE PURPOSE INTENDED (APPLICATION ENVIRONMENT)

This care bed is intended for accommodating patients or occupants in residential homes, nursing homes and care in the home and may only be used under the conditions for use described in this Instruction Manual.

Any other use shall be regarded as non-compliant with the regulations and is excluded from any liability.

#### **ATTENTION: The care bed is not designed for use in hospitals.**

The care bed is not suitable for medical electrical applications which involve intravascular or intercardiac processes with the patient. The care bed is not designed for the transport of patients.

If other electrical devices are used in the bed and to prevent the risk of an electrical shock, protective measures and precautions must be established to prevent power cords being trapped in movable parts of the bed.

### 1.2 NON-COMPLIANT USE

All uses deviating from the intended purpose, which may also be hazardous as a result.

This includes for example:

- Loading the care bed beyond the safe admissible working load 185Kg
- Operation of the care bed by patients or occupants who have not been instructed in its use.
- Use of the care bed for children.
- Attempting to move the care bed when castors are braked.
- Use of the care bed on a non-horizontal surface (max. incline 5°).

# GENERAL INFORMATION

## 2 SAFETY INSTRUCTIONS

**The following instructions are a non-exhaustive list of recommendations for the safe use of the bed.**

- Never store anything under the bed.
- Ensure children cannot operate the control system and check no pets are under the bed before operating any of the functions. Do not sit on the leg section of the bed when operating the raise function.
- Specific attention must be drawn to any potential dangers which can occur despite correct operation. Before putting the care bed into service for the first time, the Instruction Manual must be read in detail by the user / care personnel.
- When operating the adjusting functions, there must not be any objects or limbs in the area of movement of the care bed or where there is risk of crushing.
- If the physical or mental state of the patient requires it, the handset should be locked on the reverse side when not in use (nurses' key), or keep the handset out of reach of such a patient to avoid the risk of strangulation with the handset cord.
- Adjustments to the bed must only be carried out by suitably instructed persons or in the presence of an instructed person.
- Unplug the mains plug from the socket before moving the care bed and take care to avoid dragging the mains plug across the floor when moving the bed.
- The mains plug must always remain accessible to enable immediate cut-off by unplugging the mains plug from the wall socket in case of emergency. The mains cable must be free and away from the bed frame. Otherwise, the mains cable may be torn out and damaged. In addition, the mains plug may be pulled out of its socket and electric leads exposed as a result. If the mains cable or the mains plug is damaged, the relevant part must be replaced. This work should only be carried out by the manufacturer or authorised professionals.
- When connecting the mains plug, do not use multiple sockets since liquids may penetrate into these (fire hazard and electric shock).
- When the bed is stationary the castors must always be in the braked position. If the castors are not braked, the bed can move when the occupant gets into and out of bed, since the occupant uses the bed for support. Injury can result if the care bed rolls away.
- In order to move the care bed, the brakes on all four castors must be released and the mattress base moved to the lowest horizontal position.
- The maximum duty cycle and the safe working load must not be exceeded otherwise safe operation cannot be guaranteed
- The bed must not be used in rooms where there is a risk of explosion or hazardous materials and chemicals are stored
- Make sure the mattress base is at its lowest position before leaving the patient unattended. This will minimise the risk of injury to the patient when getting in or out of bed.

# GENERAL INFORMATION

## 3 SAFETY INFORMATION FOR THE OPERATOR

With the help of this Instruction Manual, instruct each user in the safe operation of this care bed before it is put into service for the first time.

Advise the user of any hazards which may occur if not handled correctly.

Only persons who have been properly instructed may operate this care bed. This also applies for persons who only operate the care bed on a temporary basis.

According to section 41B of the Therapeutic Goods Act 1989, this bed is Class I medical device.

Australian Register of Therapeutic Goods (ARTG) Number 310585

Please observe your obligations as the operator in accordance with the Therapeutic Goods Act Products Ordinance, in order to ensure the permanently safe operation of this medical product with no risk of danger to patients, users or third parties. If the care bed is used on a long-term basis, checks for proper functioning and for any visible damage must be performed and documented at least once a year.

### 3.1 SAFETY INFORMATION FOR THE USER

Ensure the operator instructs you in the safe operation of this bed.

In addition, pay particular attention to the general safety information as described in 2.

Adjustments of the bed must only be carried out by suitably instructed persons or in the presence of an instructed person.

Make sure the mattress base is at its lowest position before leaving the patient unattended. This will minimise the risk of injury to the patient when getting in or out of bed.

If there is a suspected fault or damage, unplug the mains plug from the socket. Clearly mark the care bed as “Out of Order” and immediately take it out of service and inform the person in charge without delay.

# CLEANING & MAINTENANCE

## 4 CLEANING & DISINFECTION

Before cleaning and disinfection unplug the mains plug hang safely. Plugs for the handset and the motors which are plugged into the control box must remain in their sockets to prevent water from getting into the control system.

Do not immerse electrical components in water but wipe them with a damp cloth. Do not use a high pressure cleaner or any other motorised cleaning devices. Only disinfection by wiping is allowed.

Wear waterproof gloves when cleaning and disinfecting to avoid skin irritation.

**Attention: In the event of disinfection by spraying on a large scale with products containing alcohol there is a danger of explosion and fire.**

## 5 SERVICING & MAINTENANCE

Servicing work must only be carried out by persons who have at least read the safety regulations and are qualified.

A technical check and/or safety inspection must be conducted at least once a year and after a lengthy break in use and before each further use. See section 19.

Any defects, damage or signs of wear must be rectified without delay. Only original spare parts from PremiumLift may be used, otherwise all guarantees or warranties will be excluded.

The 9V block battery is the energy store for electrical emergency lowering in the event of a power failure. The energy store is sufficient for one emergency lowering only and must then be replaced. If the expiry date of the battery has elapsed, replace immediately. Since batteries are subject to self-discharging, it is recommended the battery is replaced every two years if not used. Ensure it is a type 6LR61 alkaline manganese battery. Used batteries must be disposed of in an environmentally compatible way.

Please check all fixings on your bed at least once a month. Pay special attention to sleeping platform bolts.

# ACCESSORIES

## 6 ACCESSORIES

The optional accessories available include a patient lifting pole of which the safe working load of 80 kg must not be exceeded. The lifting pole may only be used within its admissible adjusting range which is defined by the sleeve on the bed. Otherwise the bed can tip up and result in serious injury.

### TRANSPORT KIT

The care bed can be easily transported on the transport frame kit that is provide. It can be maneuvered in very small spaces on its castors. If the bed is stored, the 9V block battery should be removed.

When the bed is moved on the transport frame take care not to allow it to overbalance. The narrow, tall design saves storage space but may tip over if handled carelessly.

### SERVICE LIFE & DISPOSAL

The normal service life for care beds in domestic use is approximately 5 years. The care bed must not be disposed of as normal domestic waste after its service life has expired. To ensure that it is disposed of in an environmentally compatible way please contact PremiumLift.



ORIGINAL PACKAGING



# COMPONENTS

## 7 COMPONENTS LIST



a



b



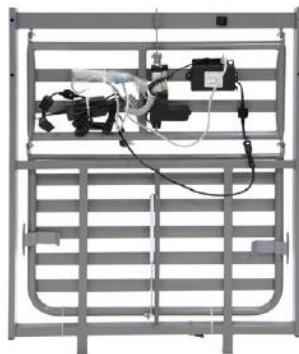
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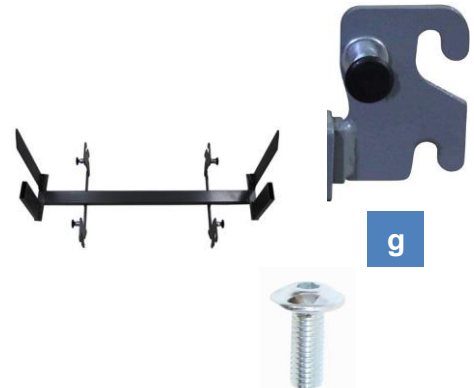
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c



d



g

- a) Headboard Section 1x Hi Lo Motor Part No.451933
- b) FOOTBOARD Section 1x Hi Lo Motor Part No.451933
- c) Head End Bed Platform 1x Backrest Motor Part No.451934
- d) Foot End Bed Platform 1x Legrest Motor Part No.451935 & 1x Control Box Part No.501065
- e) Handset Hc148 Part No.502671
- f) Adaptor Part No.500764 & Power Cord Part No.500766
- g) Transport Kit with Spring Pin Quick Connections & 4x Platform Connection Bolts



# INSTALLATION

## 8 REMOVE PACKAGING

Remove cardboard cover from the bed. Please do not dispose of the cover. It can be used again as a dust cover in the event the care bed is later stored in the transport rack.

**Do not remove the cardboard protection from the top of hand rail of both headboard or footboard sections at this time as it will protect the bed during assembly.**



## 9 REMOVAL FROM THE TRANSPORT KIT

Lift the foot end of the bed platform from the transport kit. To prevent fingers being trapped, please hold the inside of the platform section and not on the outer frame.

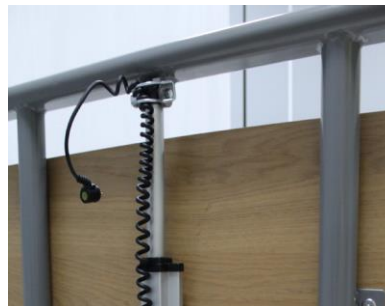
Lay the platform section face down on the floor.

To remove the backrest section from the transport frame, lift and slide sideways between the head and footboard sections.



. Pull out the locking pin and rotate it a quarter of a turn. This should prevent the locking pin from reengaging back into the hole on the transport bracket. When the two pins have been disengaged remove one of the lift platforms from the transport bracket. Lay the head and foot end panels (with the headboards facing upwards) at each end of the mattress platform.

The power supply cables for the height adjustment motors are clipped onto the actuator clip.



# INSTALLATION

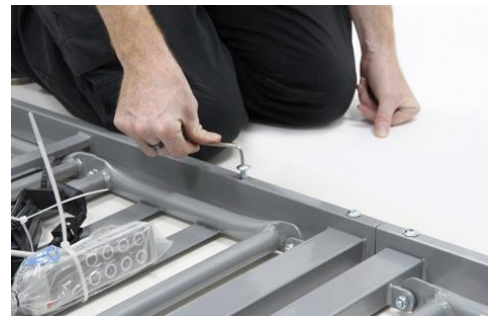
## 10 ASSEMBLING THE BED PLATFORM

Lay the platform section face down on the floor adjacent to the other half. Slide the connecting bars into the other frame.



Once the platform sections are together install the final fixing screws.

Use the supplied allen key to tighten all 8 fixings (4 fixings on each side of the platform).



Place head end and foot hand on the floor.



# INSTALLATION

## 11 CABLES AND CONNECTORS

First, remove the plug cover by unscrewing the two fixing screws.

Connect the height adjustment motors and the knee break adjustment motor to the control box.

The backrest motor is supplied already plugged in. After inserting all plugs, screw the plug cover back onto the power supply unit housing.

Cut the cable ties securing the handset and the power cable to the bed chassis taking care not to damage the cables.

Fix the power cable to the chassis using the bracket at the head end of the bed, pull the cable taut and lock the cable grip. Secure the handset and power cable to the chassis using the cable clips attached to the platform.

Carefully turn over the sleeping platform, to not damage the raise/lower actuator cables

Insert both platforms to lift system connectors into the end of the platform. Install but do not tighten the 4 fixings as this will make connecting the platform to the lift systems easier.



# INSTALLATION

## 12 INSTALLING PLATFORM TO HEAD AND FOOT END

Connect the platform to the two lift systems, taking care not to trap the raise and lower actuator cables. Once connected lock all 4 pins on the platform to lift system connectors.

Do not use the bed unless the lock fixings are in place.

On each height-adjustable head and foot end, there is a cable guide roller, through which the cable of the raise/lower actuator should run.

Install the black cable guidance roller.

Cut the last cable ties holding the backrest and foot rest sections in place, remove the final cardboard protection from the head and foot sections but DO NOT cut the cable tie securing the backrest actuator.

Ensure the power supply is never positioned on or under the bed.

Avoid rolling the bed over the mains cable.

Insert the mains plug into the socket.

The mains plug must always remain accessible to enable immediate removal from the wall socket in case of emergency.

The electrical adjustment motors are now ready for use.

Remove all packaging.

Disassembly of the care bed is carried out in reverse order of assembly.



# OPERATION

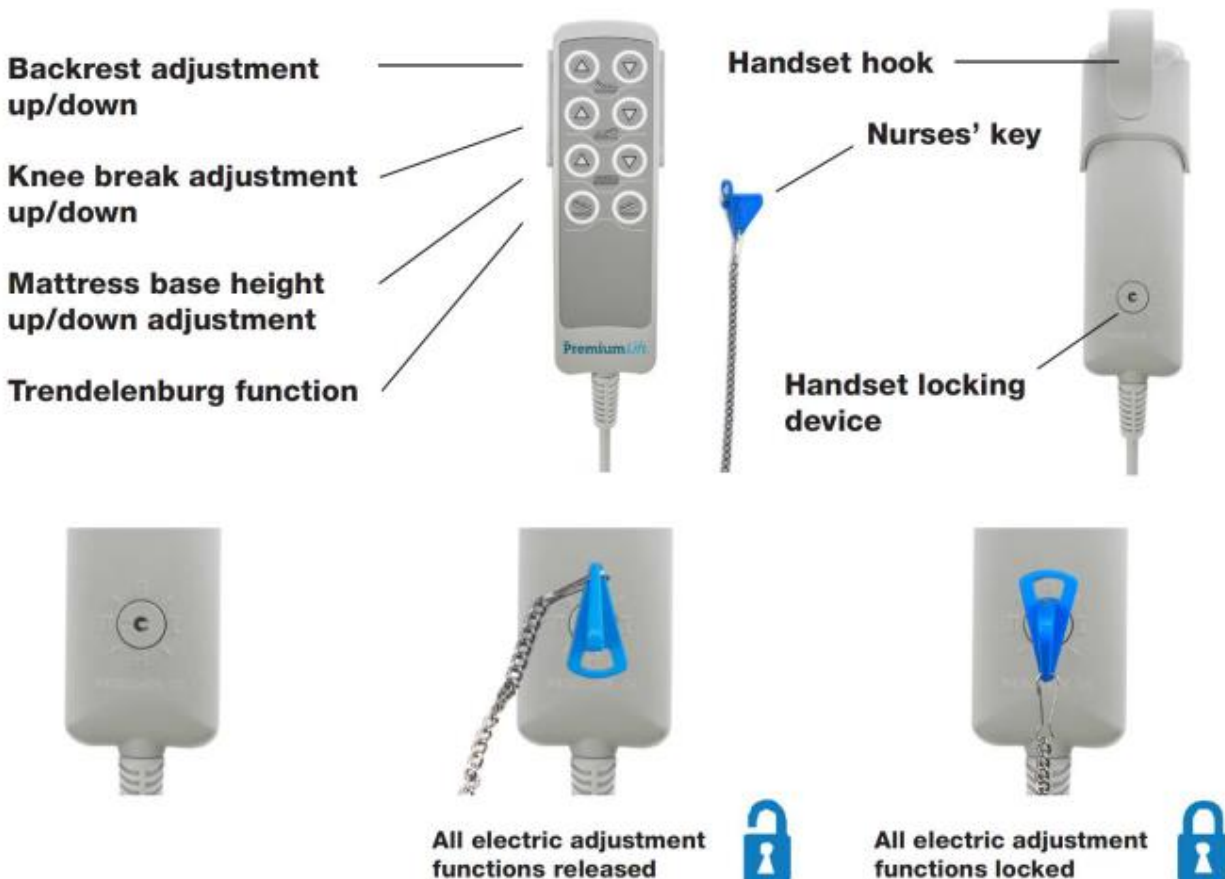
## 13 HANDSET

The motorised bed functions can be operated via the handset. All functions can be locked with the nurses' key.

To avoid damage, the handset should always be hung by the handset hook when not in use.

Press only one button at a time, as the system could overload and become damaged.

On the back of the handset there is a locking device. All electric adjustment functions can be locked at the same time using the nurses' key supplied.

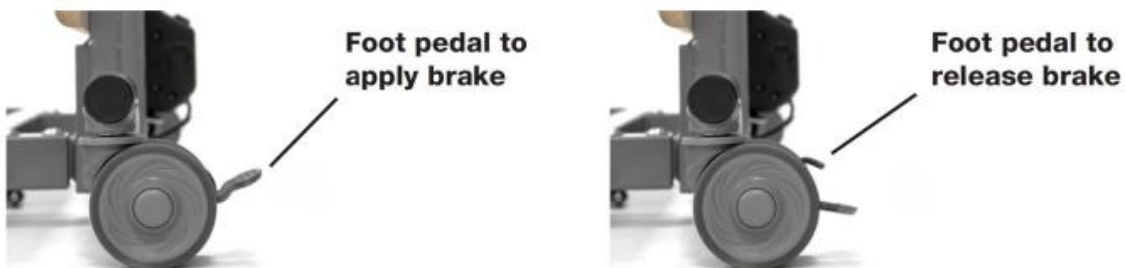


# TROUBLESHOOTING

## 14 CASTORS

The castors on the bed can be braked and must be in the braked position during normal operation.

The brakes should only be released when the bed needs to be moved. Please refer to the Safety Information.



## 15 ELECTRIC EMERGENCY LOWERING VIA THE INTEGRATED 9V BATTERY

The bed frame is equipped with a 9V block battery, which makes it possible to make a CPR emergency lowering in the event of a power failure. Please note, however, that this is only possible once per 9V battery, as the capacity of the battery is limited.

After the emergency lowering has been used, the 9V battery must be replaced (Type 6LR61 alkaline manganese battery). The battery should however be replaced every 2 years even if it has not been used.

To replace, check or remove the 9V battery, before storage, open the battery compartment on the power supply unit attached to the backrest motor.

## 16 BATTERY CHANGE

For safety unplug main plug

Remove the battery carrier (the black plastic ring protruding from the control box) and remove the 9V battery. If required, replace it with a new (type 6LR61 alkaline manganese) battery.



# WARRANTY

## 17 TROUBLESHOOTING

FAULT	POSSIBLE CAUSE	SOLUTION
No Response	Main plug not plugged in	Insert mains plug into mains socket
	Locking function on handset activated	Unlock handset
	Handset not plugged in	Insert handset into mattress base motor
	Motor unit not plugged in	Plug motor unit into mattress base motor
Adjustment functions transposed	Connecting cables on the connectors transposed	Check plugs and connectors and change over plugging in locations
No function after power failure	9V block battery is discharged	Replace 9V block battery
Bed only moves very slowly	Bed only adjusted via the battery. Mains plug not plugged in	Plug in mains plug and replace the 9V block battery as a precaution

# TECHNICAL SPECIFICATION

## 18 GUARANTEE

As stated in our Warranty Statement, we provide a limited 10 (ten) year warranty. Please visit our website for more information [www.premiumlift.com.au](http://www.premiumlift.com.au)

To take advantage of the warranty, the bed must be serviced (without exception) every 12 months by a PremiumLift distributor approved technician using only PremiumLift original spare parts.

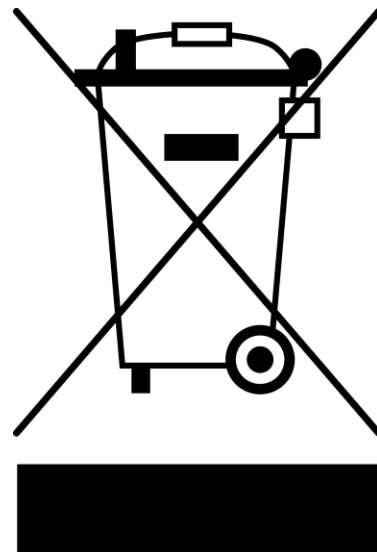
## 19 SERVICE LIFE & DISPOSAL

The service life of the care bed depends essentially upon the handling and servicing.

To guarantee safe operation, a visual and functional test including an electrical test must be carried out at least once a year.

If there is any doubt about the safety or functionality of the bed or even a part of the bed as a result of the work performed below, the bed should under no circumstances be in service again.

The service life of our care beds in domestic use is assumed to be approximately 5 years. This naturally depends upon the manner of use. The care bed is suitable for reuse if all above measures are taken. Frequent transportation, setting up and adjustment reduce the service life, as do improper treatment, irregular servicing and exceeding the safe working load or the admissible load cycle of the electric motors. The care bed must not be disposed of as normal household waste after the end of its service life. To ensure that it is disposed of in an environmentally compatible way please contact PremiumLift.





# PURCHASE DATE

## 20 TECHNICAL DATA (MECHANICAL)

Safe working load (max. admissible load)	185 kg
Safe load, patient's lifting pole	80 kg
Overall Weight of bed	87 kg
Single Size mattress platform dimensions	Width: 900mm – Length: 2050mm
King Single Size mattress platform dimensions	Width: 1060mm – Length: 2050mm
Upper level of head section/foot section	84.5 – 141.8 cm
Height adjustment of mattress base	67 – 640 mm
Backrest adjustment	approx. 70°
Knee rest adjustment	approx. 30°
Foot rest in raised position	mechanically, -20°-0° in 4 stages
Castors specifications	Ø 75 mm - 80 kg / pcs. (static)
Operating noise	< 53 db(A) at a distance of 1m

## 21 TECHNICAL DATA (ELECTONIC)

Power supply unit (LIMOSS)	Control unit MC220 + SMPS MC125
Voltage rating	230/240V
Frequency rating	50-60 Hz
Type of current	AC ~
Nominal consumption during operation	70 Watt
Nominal consumption in idle state	0.5 Watt
Nominal operating time/ Nominal idle time	2 Min. / 18 Min (max. 5 switching cycles/min.)
Primary safety fuse	2.0 A
Battery for emergency lowering	9V block battery (alkaline manganese 6LR61)
Mattress base motor units (back/leg)	2x MD125 (Fa. LIMOSS)
Height adjustment motor unit	2x MD121 (Fa. LIMOSS)
Motor unit protection class	IPX4

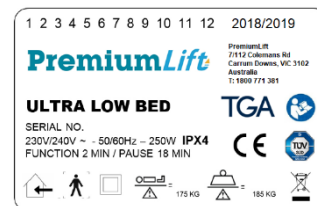
## 22 TECHNICAL DATA (ENVIRONMENT)

Temperature range during operation	+10°C to + 40°C
Temperature range for storage/transport	-10°C to + 60°C
Humidity of the air	30% to 75% rel.
Air pressure	Between 795 and 1060 hPa

## 23 TYPE PLATE

Attached to the inside surface of the mattress base frame

Medical Device Class I. ARTG No: 310585

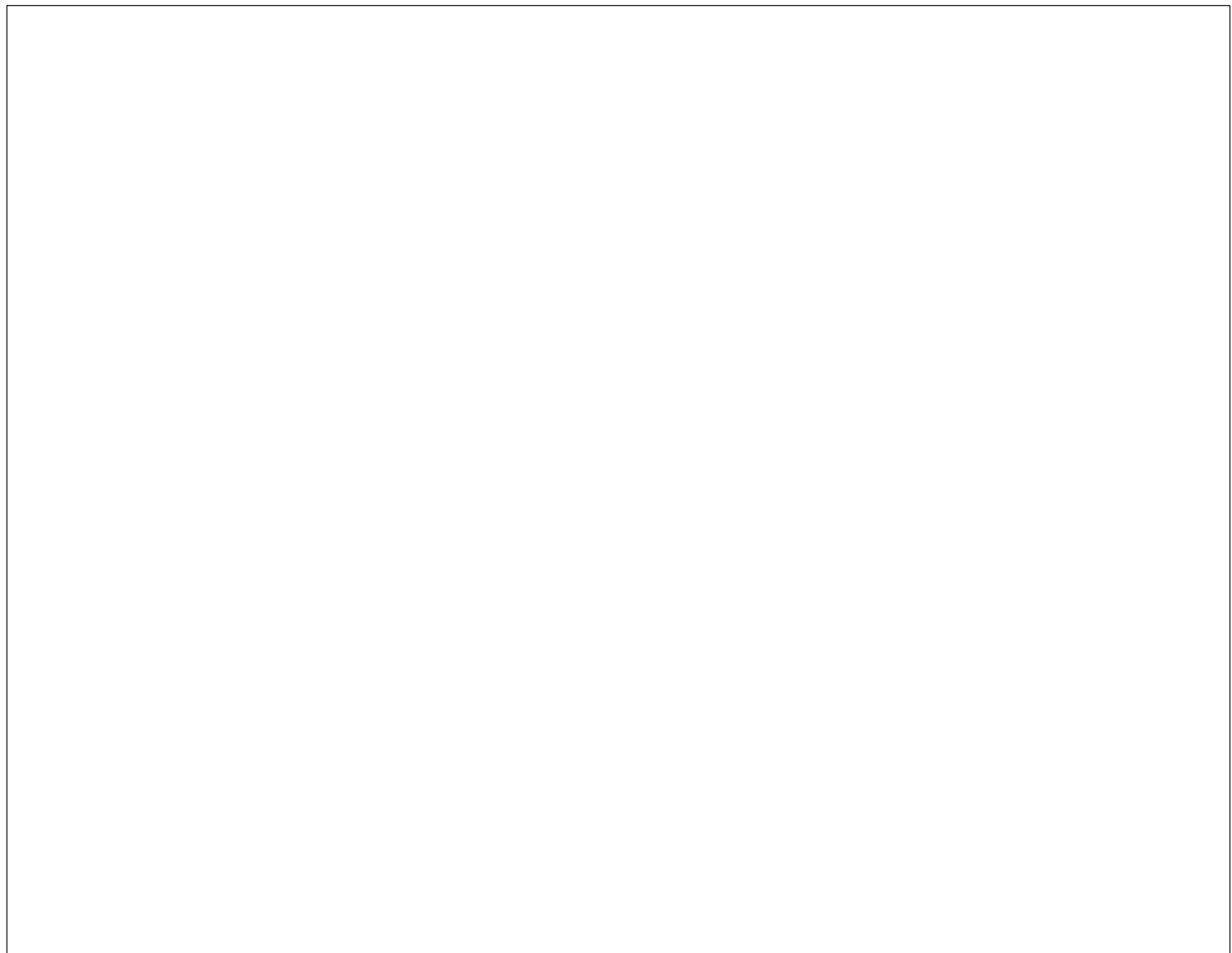


# PURCHASE DATE

**PURCHASE DATE:** .....

**DITRIBUTED BY:** .....

**ATTACH YOUR RECEIPT HERE**

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**NOTES**

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# PremiumLift



## PremiumLift

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E sales@premiumlift.com.au

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All parts and data continually undergo further development and may therefore deviate from the details given.

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## USER MANUAL

Distributor Stamp:

