



Instruction Manual

Nestie Maternity Beds

Product Codes: 7-NOVA & 7-NOVUS

Please carefully read instructions before using the bed.

Introduction

This instruction manual contains information on the instructions for use and explanations of the signs and symbols used. These Instructions for Use explain the safe operation and maintenance of the medical bed.

These instructions for use may contain inaccuracies or printing errors. The information provided here will be updated periodically and changes due to product maintenance will be included in later editions.

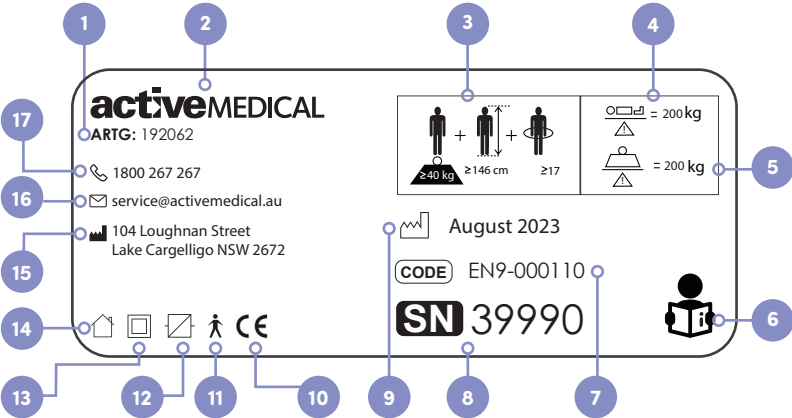
- Changes or improvements are possible at any time without prior notice.
- If you have any questions, please contact our customer service team.
- The instructions for use must be read and used by every person who operates the medical bed.

Purpose

- The intended purpose of the Nestie Nova & Novus Beds is to be used for patients in hospital and healthcare facilities. These beds are electrically powered to allow the bed to be placed in various positions suitable to the patient. It is a medical device intended for human medical use only.
- The Nestie Novus & Nova Beds move on castors and features infinitely adjustable motorised height settings. The bedding area can be adjusted by multiple motors, allowing for positions such as sitting or exiting position.

- The intended users of the Nestie Nova & Novus beds are individuals receiving professional pre or post natal medical care.
- The bed should only be used by individuals trained or experienced in proper handling. Users must be instructed on its correct use and familiarize themselves with these instructions. Common users include nursing staff, physicians, therapists, family members, technicians, residents, and cleaning staff.

Product Serial Number Plate



Serial Number Plate

Serial Number Plate Explained

1	ARTG Number	10	CE Marking
2	Company Logo	11	Type B Application Part (classification according to the degree of protection against electric shock)
3	Adult Identification (minimum weight, minimum height, minimum BMI)	12	Switching Power Supply Unit
4	Maximum Occupant Weight	13	Device Protection Class II (classification according to the type protection against electric shock)
5	Maximum Safe Working Load	14	For Indoor Use Only
6	Read Instruction Manual – Follow Instructions For Use	15	Manufacturer Address
7	Product Code	16	Company Service Email Address
8	Product Serial Number	17	Company Phone Number
9	Manufacture Date		

Pre Operation Check

WITH BED IN POSITION, CHECK THE FOLLOWING:

Electric beds should ONLY be used where earth leakage is fitted to the power source.

Check power cord is plugged into 240V supply and is active.

Ensure power cord is clear of castors or any moving part of bed.

Ensure power cord has enough slack so cord is not strained when the bed is raised and lowered.

Position bed at least 50mm from the wall in the lowest position. Lock castors. This position is critical for not damaging the wall when raising the bed.

Before using the bed, perform all functions to ensure they are working properly. If not, please call your service technician or call Active Medical Technician Team on 1800 267 267

** When fitting safety sides to this bed, please beware of the possible crushing points. The clamps can create crushing points on the rails. **

Specifications

Nestie Nova Maternity Bed:

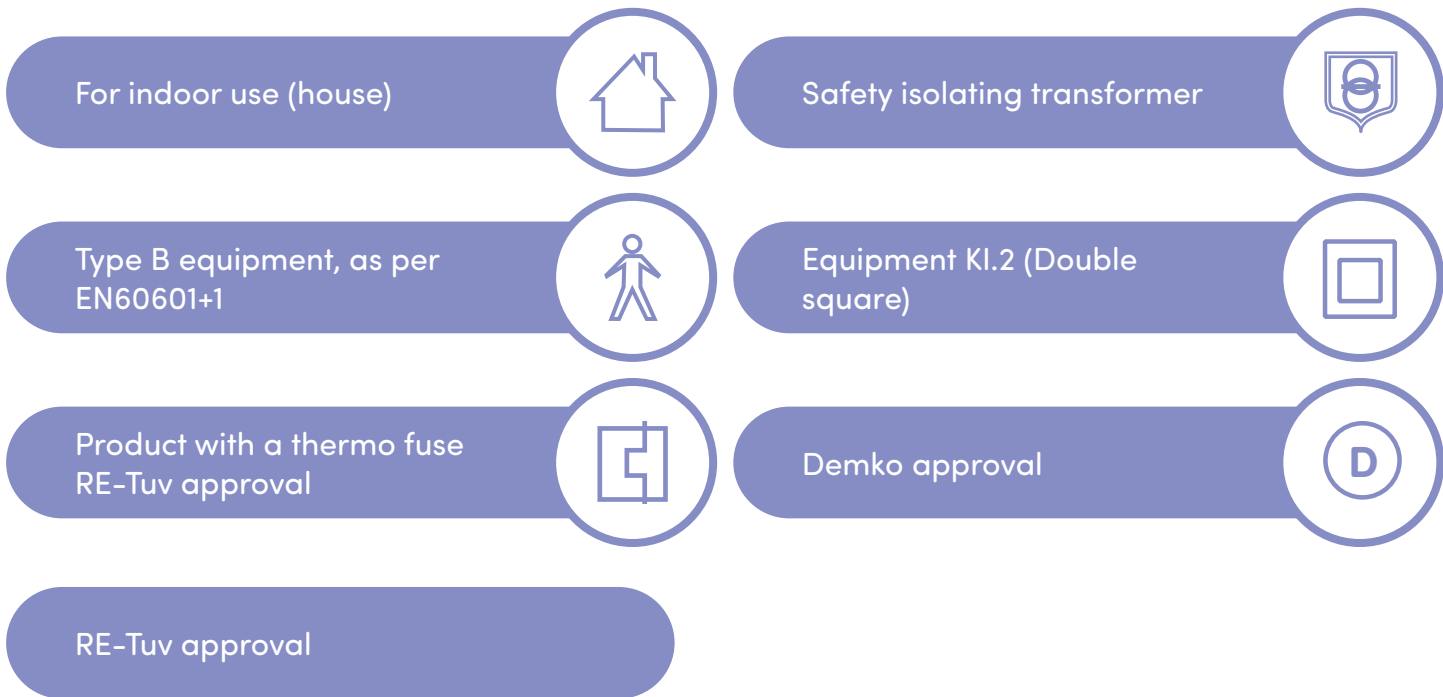
Size	King Single	Double	Queen Double
Overall Dimensions (mm)	1165 x 2040	1465 x 2040	1595 x 2040
Sleeping Surface (mm)	1070 x 2000	1370 x 2000	1500 x 2000
SWL (kg)	300	300	300
Low/High Position (mm)	390 / 830	390 / 830	390 / 830
Underbed Clearance (mm)	160	160	160
Back Angle (degrees)	77	77	77
Knee Angle (degrees)	40	40	40
Reverse Angle (degrees)	16	16	16
Trendelenburg Angle (degrees)	16	16	16
TGA Number	ARTG192062		
Manufacturer 	Active Medical, 104 Loughnan Street, Lake Cargelligo NSW 2672		

Nestie Novus Partner Maternity Bed:

Size	Double	Queen Double
Overall Dimensions (mm)	1465 x 2040	1595 x 2040
Sleeping Surface (mm)	1370 x 2000	1500 x 2000
SWL (kg)	300	300
Low/High Position (mm)	390 / 830	390 / 830
Underbed Clearance (mm)	160	160
Back Angle (degrees)	77	77
Knee Angle (degrees)	40	40
Reverse Angle (degrees)	16	16
Trendelenburg Angle (degrees)	16	16
TGA Number	ARTG192062	
Manufacturer 	Active Medical, 104 Loughnan Street, Lake Cargelligo NSW 2672	

Electrical Data:

U In	230V ~, 50Hz
I In	Max. 1.5A
U Out	24V ... , max. 70W
Op.	10%, Max. 2min./18min.
Protection Class	1Px4
Insulation Class	II Type B
Noise	48 DBA

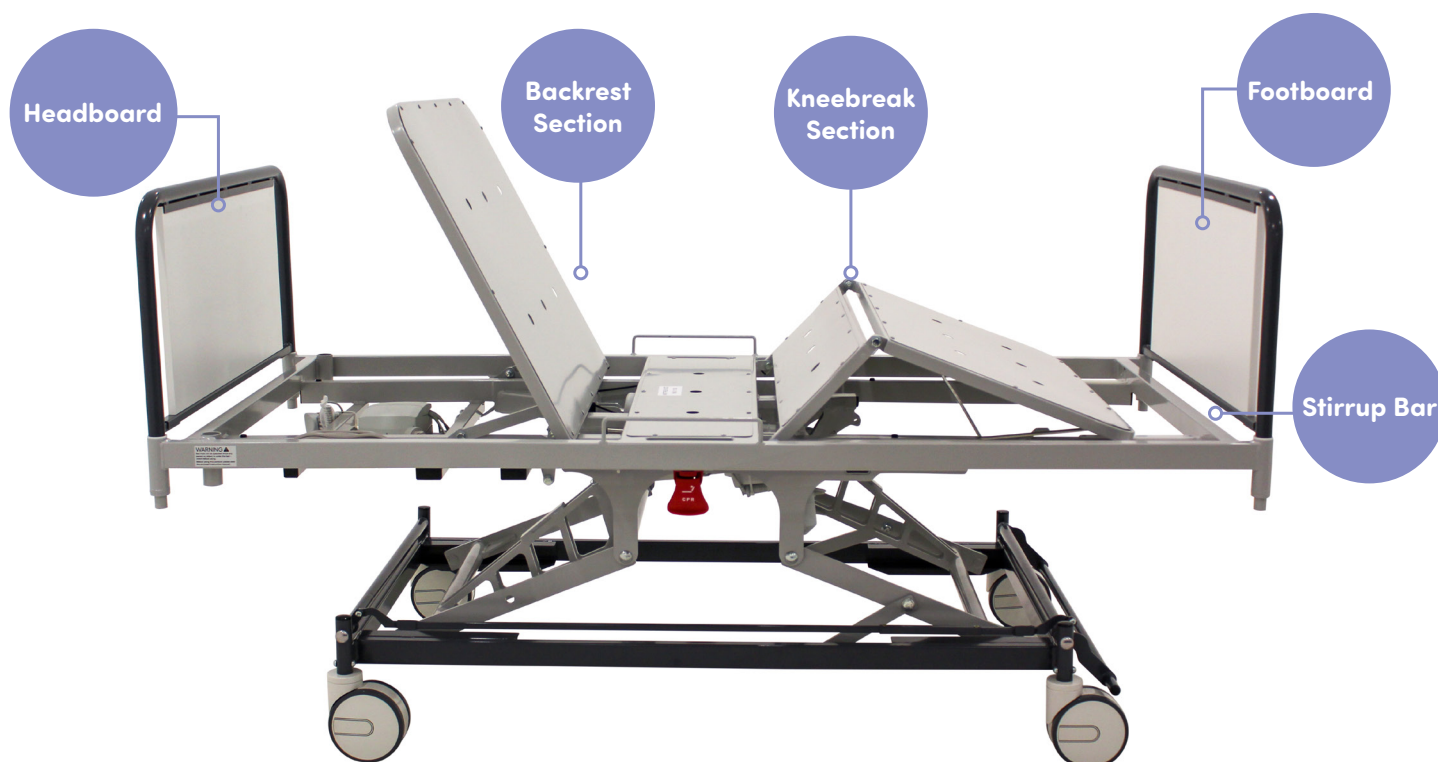


Important!

- Check electric cords regularly and notify an electrician or Active Medical on 1800 267 267 immediately. If any damage occurs cease to use and remove mains power until checked and repaired.
- No wiring is to be modified without authorisation from the manufacturer.
- Ensure the small extension cable is correctly connected to the bed socket and to the 240 volt supply when the bed is in a stationary position. A small light on the control box will illuminate showing a power supply.
- Low Low model beds should be left in the lowest position when a nurse is not in attendance.
- Nurses, cleaners or anyone using Nestie Electric Beds must make sure that the main power cord is clear of any moving parts on the bed before turning the power on.
- Electric Beds should ONLY be used where earth leakage is fitted to the power source.
- When patient condition could lead to patient entrapment, the mattress support platform should be left in the flat position when unattended.

Nestie Nova Operator Controls:

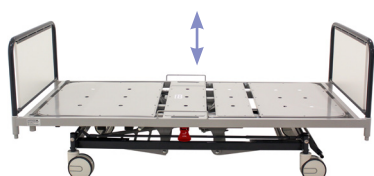
Electric Beds are controlled by a handset, which is plugged into the connection port. (Normally located below and at the edge of the mattress base towards the head end).
Handset Code: HB8X016-00



Upper Posture, Electric Backrest:

The top pair of push buttons control the electric upper posture as indicated on the handset.

Beware of potential pinch points when lowering backrest.



Hi-Low Operation:

The second pair of buttons on the handset control the smooth operation of raising & lowering the bed. When raising and lowering the bed, ensure that no person or part of his or her body is under the bed. Failure to do so could cause serious physical injury.



Electric Kneebreak:

The third pair of push buttons on the handset control the operation of the kneebreak. The calf section of the kneebreak is fitted with a prop, lift the calf section and fold down the prop engaging it in the channel provided at the foot end of the bed.

Beware of potential pinch points when lowering Kneebreak.



Chair Position:

The fourth set of buttons operate the chair function. This raises the backrest and kneebreak, then goes into reverse Trendelenburg (feet down).

If fitted with optional Electric Vascular, these buttons operate the electric vascular function and the Auto Chair Position is not available.



Electric Trendelenburg:

The last pair of push buttons on the handset control the operation of the tilt.

Beware of potential pinch points when using the tilt function.



Underbed Light:

The last button on the bottom left controls the under bed light.



Head And Footboards:

The standard head & footboard frames push in from end allowing for rapid removal in an emergency.

WARNING: Please ensure the power cord is not in the way when fitting or removing end boards.



CPR:

This is only for emergency use.

Pull red lever to allow backrest to go down manually.



Battery Back Up:

This allows you to safely change the patients position during a power shortage.



Central Locking Castors:

Brakes should only be released when the bed is moved.

To brake: press lever down.

To direction: lift lever all the way up.

To free wheel: centralise lever.

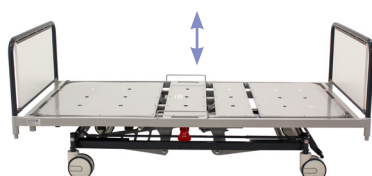
Nestie Novus Operator Controls:

Electric Beds are controlled by a handset, which is plugged into the connection port. (Normally located below and at the edge of the mattress base towards the head end).
Handset Code: HB8X016-00



Upper Posture, Electric Backrest:

The top pair of push buttons control the electric upper posture as indicated on the handset.
Beware of potential pinch points when lowering backrest.



Hi-Low Operation:

The second pair of buttons on the handset control the smooth operation of raising & lowering the bed. When raising and lowering the bed, ensure that no person or part of his or her body is under the bed. Failure to do so could cause serious physical injury.



Electric Kneebreak:

The third pair of push buttons on the handset control the operation of the kneebreak. The calf section of the kneebreak is fitted with a prop, lift the calf section and fold down the prop engaging it in the channel provided at the foot end of the bed.
Beware of potential pinch points when lowering Kneebreak.



Chair Position:

The fourth set of buttons operate the chair function. This raises the backrest and kneebreak, then goes into reverse Trendelenburg (feet down).
If fitted with optional Electric Vascular, these buttons operate the electric vascular function and the Auto Chair Position is not available.



Electric Trendelenburg:

The last pair of push buttons on the handset control the operation of the tilt.

Beware of potential pinch points when using the tilt function.



Underbed Light:

The last button on the bottom left controls the under bed light.



Head And Footboards:

The standard head & footboard frames push in from end allowing for rapid removal in an emergency.

WARNING: Please ensure the power cord is not in the way when fitting or removing end boards.



CPR:

This is only for emergency use.

Pull red lever to allow backrest to go down manually.



Battery Back Up:

This allows you to safely change the patients position during a power shortage.



Central Locking Castors:

Brakes should only be released when the bed is moved.

To brake: press lever down.

To direction: lift lever all the way up.

To free wheel: centralise lever.

Birthing Stirrup:

Note: The Birthing Stirrup Bar is standard on the Nestie Nova and Novus Models. The Stirrups are to be purchased separately as an accessory.



Birthing Stirrup Assembly:

1. Loosen handwheel on mounting stirrup bar.
2. Slide on end of rail so leg support is positioned for the comfort of the patient.
3. Slide to desired position and tighten handwheel.
4. Repeat steps 1-3 on the other side

How to Use Stirrups:

1. Loosen handwheels on mounting blocks and leg supports.
2. Slide to position for patient comfort.
3. Tighten handwheels.

Safety & Warnings

- Electric Beds should ONLY be used where earth leakage is fitted to the room or building.
- If any cords are cut or damaged the bed MUST not be used until checked, fixed and tagged.
- No patient, service personnel or any person must lie underneath a Nestie bed while power is turned on, if not obeyed this may result in serious bodily injury or death if the bed controls are actuated.
- Ensure that no person or part of their body is beneath the bed..
- Hand control to only be given to fully competent patients.
- Never leave the hand control unattended with bed switched on unless patient is fully competent.
- Fit optional nurse lockout for safety of incompetent patients.
- Only one person is to be on the bed at any time (unless on Partner Bed).

Maintenance

- Inspect the bed monthly for signs of wear or damage. For example, bolts loose or missing, castors, rubbers or brakes damaged.
- Rails must be inspected regularly for any wear or movement that may cause injury, do not use if unsure.
- If one or more of the bed functions is found not working correctly, notify the manufacturer for advice.
- 4. Extended actuators fully. (Do not wash as this removes fine layer of oil).
- 5. Correct operation of all bed functions including castor locking.
- 6. Check all accessories including rails are still functioning properly.
- 7. Check all pivot points on the bed for wear. Replace pivot pins or bolts and removable bushes (where fitted) if a pivot has a significant play.
- 8. Check all functions still run smoothly.

Every 6 Months:

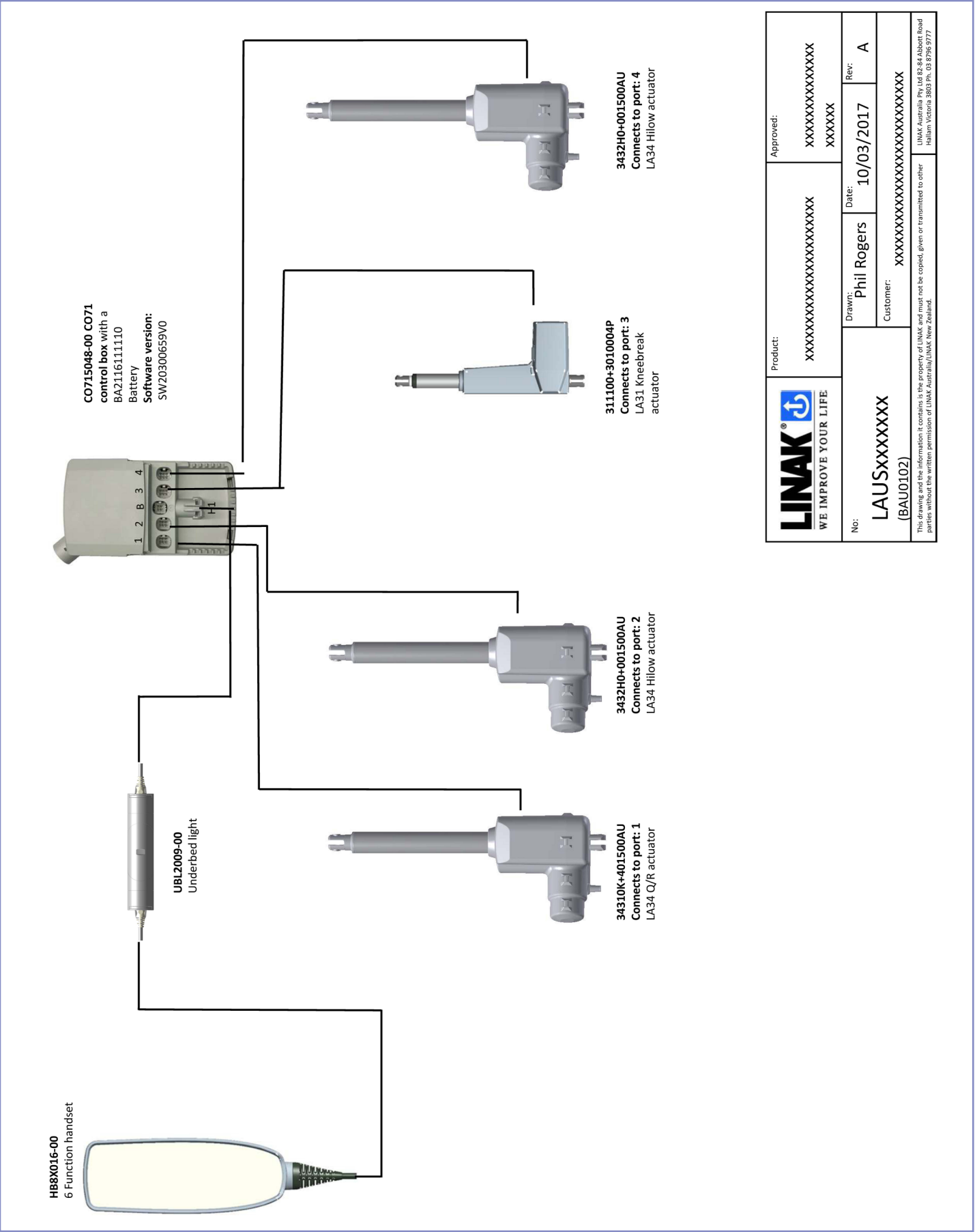
1. Check there is no visible damage to electrical system or mechanical parts.
2. Check wiring is secure and not interfering with bed movement.
3. If actuator shafts are not clean – wipe chromed shaft of actuators to remove lint, grease & dirt.

Annually

- Professional service of product to be carried out annually & documented in 'Record of Performed Service Procedures and Regular Service Maintenance' in the back of this instruction manual.

Cleaning

- Cleaning can be done often – using domestic detergents.
- Do not use acids, alkaline or any other chemical solvents
- When cleaning actuators disconnect from mains power before wiping down with a moist cloth.
- When cleaning, be careful of entrapment, as it could cause physical injury.



 WE IMPROVE YOUR LIFE	Product:		Approved:	
	XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX XXXXXX	
No:	Drawn: Phil Rogers	Date:	10/03/2017	Rev: A
		Customer:		XXXXXXXXXXXXXXXXXXXX
LAUSXXXXXXXXXX (BAU0102)				
This drawing and the information it contains is the property of LINAK and must not be copied, given or transmitted to other parties without the written permission of LINAK Australia/LINAK New Zealand.			LINAK Australia Pty Ltd 82-84 Abbott Road Hallam Victoria 3803 Ph. 03 8796 9777	

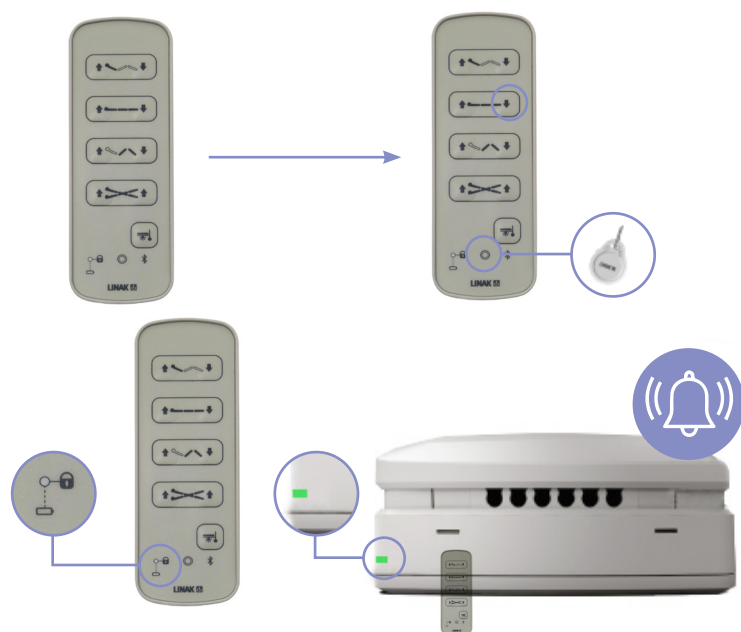
Pairing Bluetooth Devices

Direct Paring

Direct Pairing is used for pairing a LINAK control directly to a LINAK control box that supports BLE.

1. Enter pairing mode
2. Move the hand control closer to the control box you want to pair it with
3. Pair the hand control with the control box

Enter Pairing mode



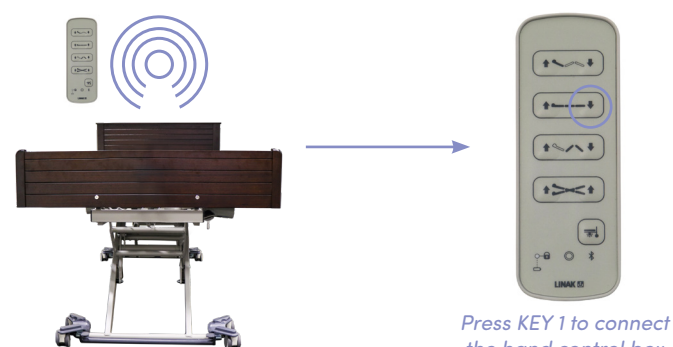
Place the magnet key over the Hall Element (O) and press Hi-Lo Down Button for 3 seconds to enter the pairing mode.

When in pairing mode, the control box buzzer will begin to beep, and the LED will begin to blink. The control unit LED will also begin to blink with the same frequency as the nearest control box.



In pairing mode, the light/sound frequency will increase when the HB200 gets closer to a control box.

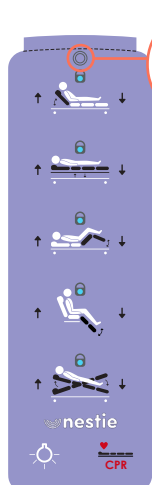
Connecting to the control box



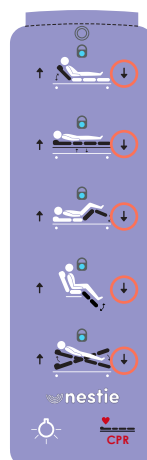
When the hand control LED is blinking fast and the control box gives a high frequency sound in the same speed, the devices are ready for pairing. To finalise the pairing, press Hi-Lo Down Button on the hand control. Then, adjust your application with the handset.

Locking And Unlocking Lock Out Functions (Optional)

HB400 Handset:

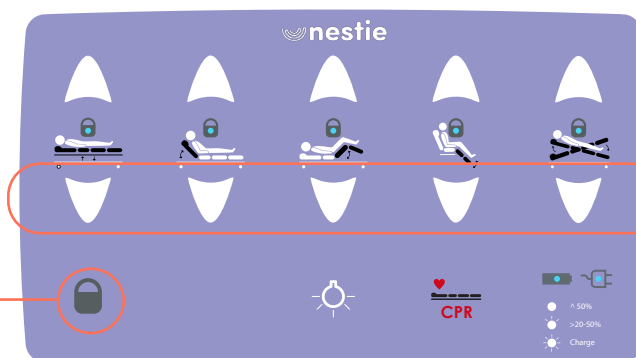


1. Locate the fob over the top of the handset as shown.



2. Then press the down key of the function to be locked out or unlocked. When locked, the LED function will be illuminated.

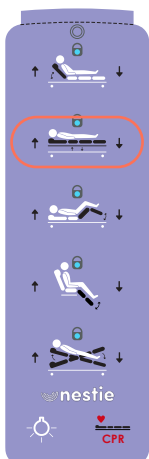
ACOM Attendant control:



1. Press and hold the key button.

2. Then press the down key of the Function to be locked or unlocked.

Resetting the Bed Fitted With A CO71 Link Control Box:

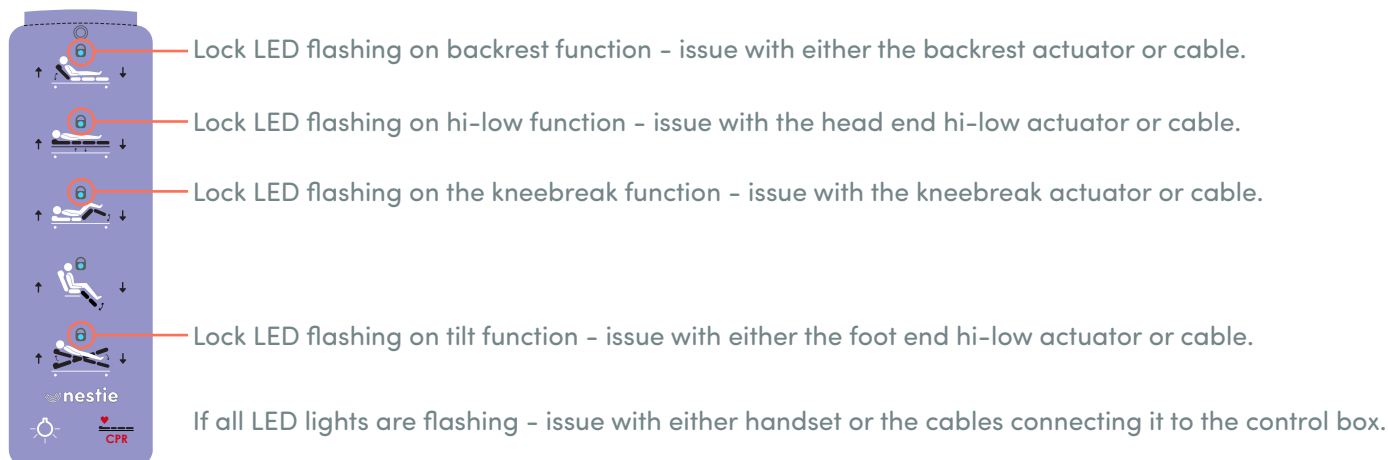


Press both hi-low buttons (up and down) together

- It will beep for 5 to 10 seconds
- don't let go of the buttons once beeping has stopped.
- After another 10 seconds the bed will start to rise, it will go to the maximum height and return to the minimum height.
- through this process don't let go of the buttons
- Once at the lowest position the back and knee function motor will retract right in, once this is complete, you will get a double beep.
- only let go of the buttons once you have heard these beeps

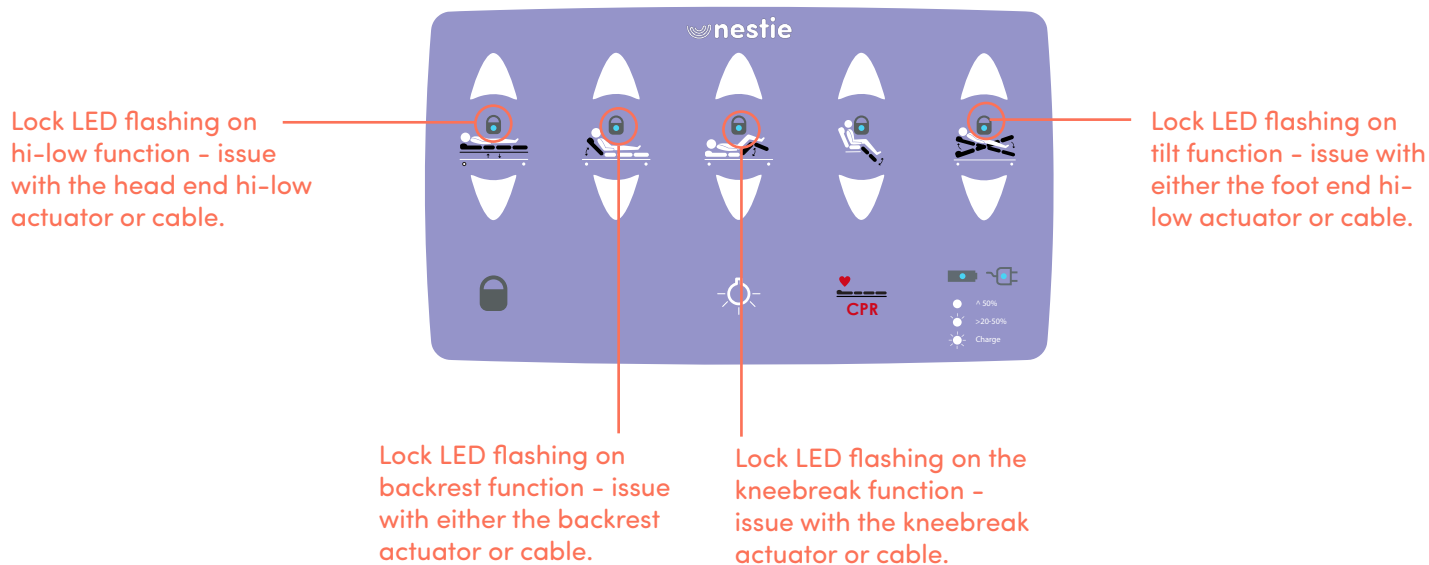
Troubleshooting

Troubleshooting with a HB400 Handset:



Troubleshooting with ACOM Attendant Control:

If all LED lights are flashing – issue with either handset or the cables connecting it to the control box.



Record Of Performed Service Procedures & Regular Service Maintenance

[illegible]

Record Of Performed Service Procedures & Regular Service Maintenance

[illegible]

I confirm that technical staff have undertaken the repairs as described in the Record of Performed Service Procedures and Repairs Maintenance, and the equipment is now functioning properly.

Date _____ Customer Signature _____

Warranty

CONDITIONS

Your Nestie Maternity Beds are guaranteed for 10 years on the frame from the date of purchase, 5 years on the electrics (LINAK), 1 year on castors, and 1 year on the battery. This warranty applies only on the parts manufactured or approved by Active Medical.

Professional service of product to be carried out annually and documented in the 'Record of Performed Service Procedures and Regular Service Maintenance.

EXCLUSIONS

This warranty does not extend those items that may need replacement due to normal wear and tear, or to damage caused by misuse or accident, for which Active Medical or its distributors cannot be held responsible. If your bed should need attention due to failure as defined under the warranty above, please contact the distributor from whom you purchased your bed.

Please fill in the below and retain for your own records.

Date Purchased
Model
Serial Number (s)
Distributor
Distributor Address
Distributor Contact Number

Accessories



Self Help Pole – SWL 77kg
Warranty: 12 months



Bariatric Self Help Pole – SWL 140kg
Warranty: 12 months



IV Pole
Warranty: 12 months



400HR Horizontal Rails
Warranty: 12 months



1800 267 267 | hello@nestie.au

www.nestie.au