



# MAXI LIFESTYLE COMMUNITY CARE BED

USER MANUAL



Thank you for choosing the Aspire MAXI Bed,  
from our Lifestyle Community Bed Range.

This product has been specifically designed  
to offer comfort, support and safety.

It is important that you read this user manual  
carefully before using your new bed.

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# 1. INTRODUCTION

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The Aspire MAXI Lifestyle Community Bed is an electrically operated bed for the community, homecare, aged care and acute care environments. The bed has a fabricated steel frame with a powder coat finish and utilises plastic components of various material specifications.

## Clinical Applications and Area of Use

The bed is appropriate for adult patient care and should only be used under the instruction of a carer or health professional where concerns exist around patient safe use.

## Key Features

- Maximum safe working load (SWL) of the bed is 385kg with a maximum user weight of 350kg.
- Available in Super King Single size.
- Electrically adjusted height range of 330-730mm.
- Total lock foot operated castor wheels.
- Four section electrically operated mattress platform with independent adjustment of backrest angle (maximum 73°) and knee section angle (maximum 30°).
- Trendelenburg / Reverse Trendelenburg angle of 10°.
- Removable mattress retainer handles.
- Electric folding bed facilitates easy relocation and storage without the need to disassemble bed sections.

# 2. SAFETY PRECAUTIONS

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It is **important** that this User Manual is read in its entirety prior to operating the bed. The manual is designed to ensure that users are equipped with the information required to competently and responsibly operate the bed and its accessories.

It is recommended that the User Manual be kept in an easily accessible place for quick reference. If required, Aspire product specialists can provide additional training.

All warnings and cautions within this manual should be strictly adhered to. Failure to do so could result in harm to the patient or operator.



**Warnings** highlighted throughout this manual identify possible hazards in procedures or conditions which if not followed correctly could result in serious injury or fatality.

**Cautions** highlighted throughout this manual identify possible hazards in procedures or conditions, which if not followed correctly could result in equipment damage or failure.

## GENERAL

- Electrical equipment can be hazardous if used incorrectly.
- Residual current devices (RCD) are not supplied with the Aspire MAXI Lifestyle Community Beds. Please consult with your Biomedical Engineer/Advisor concerning RCD requirements.
- The clinically qualified person responsible should consider the age, size and condition of the patient before using the bed and its accessories.
- The maximum safe working load of the Aspire MAXI Lifestyle Community Bed is 385kg including the mass of the patient, mattress and any accessories fitted to the bed.
- The maximum user weight is 350kg.
- Suggested maximum mattress thickness that can be used on the Aspire MAXI Lifestyle Community Care Bed is 200mm.
- Side rails must only be used with a mattress of appropriate size, which is approved for use with the bed.
- If a patient's condition could lead to possible entrapment risk the mattress support platform should be left in the flat position whilst unattended.

# 3. PRODUCT OVERVIEW

- **ALWAYS** position the bed at its lowest height when unattended by caregivers to minimise the risk of patient injury.
- **ALWAYS** use a mattress of appropriate size and type. A range of suitable pressure reducing and pressure relieving mattresses are also available from Aidacare.
- **ALWAYS** make sure that the patient is safely positioned to minimise the risk of entrapment before operating the bed.
- **ALWAYS** ensure that attendant and patient limbs are free from potential entrapment areas before operating any functions.
- **ALWAYS** ensure that the bed is at a suitable height to avoid stooping or straining before transporting.
- **ALWAYS** apply the brakes when the bed is stationary.
- **ALWAYS** store the handset when not in use to avoid accidental operation of the bed's functions. The handset can be stored by hooking it on to the side rail of the bed.
- **ALWAYS** ensure that all drips, drains and power cables are free from possible entanglement with mechanical parts of the bed.
  
- **DO NOT** place the handset, or power cord across the mattress surface of the bed when the bed is not connected to mains power. Always store the power cord within the power cord fixtures fitted to the bed.
- **DO NOT** use electrically operated beds in operating theatres.
- **DO NOT** use electrically operated beds in the presence of flammable gases.
- **DO NOT** use the bed to support more than one patient. Aspire MAXI Lifestyle Community Beds are intended for single person use and may become unstable if used incorrectly.
- **DO NOT** use accessories that are not designed, or approved for use with Aspire MAXI Lifestyle Community Beds.

Please take the time to familiarise yourself with the key components shown below:



# 4. ASSEMBLY INSTRUCTIONS

## Assembly and Operation

Aspire MAXI Lifestyle Community Beds come packaged on their transport bracket, ready to be transported and set up as necessary. Remove cardboard sleeves off bed ends and central frame prior to assembly.



## Unlocking Locking Latch

1. Unhook the locking latch allowing the bed to start to open on it's own. This latch needs to be unhooked prior to placing the bed into it's flat position.

LOCKED

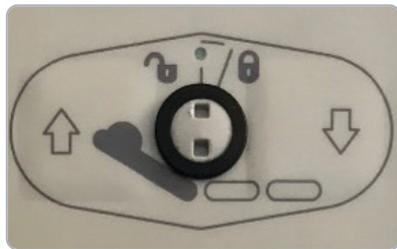


UNLOCKED



## Move Bed to Flat Position

1. Move bed against wall where it will be positioned, ensuring the castors closest to the wall are locked in place.
2. Press the backrest down button to engage the bed actuators. The bed will slowly extend out from the wall into the flat position.



**Never attempt to unfold the bed automatically before unhooking the locking latch.**

## Lock the Bed in Place

1. Prior to use, the backrest actuator must be secured in place, so the bed does not fold when in use. Unhook the pin located in the side pivot of the bed.
2. Locate pin in hole between backrest to lock the backrest in place.

LOCKED



UNLOCKED



**Before folding the bed back up make sure that the mattress platform, including the leg rest, is completely flat and that the bed is in the lowest position.**



**Never attempt to use any other functions on the bed when in the folded position. Only the backrest buttons to either fold or unfold the bed. Only use the other functions when the bed is completely unfolded and flat.**



**Make sure not to damage any cables. Verify that the cables do not get tangled and that they do not get caught in any in moving parts.**

## Attaching Mattress Retainers

1. Slide mattress retainers into metal slots located on the side at both ends of the bed (4 x retainers in total).



# 5. OPERATION

## Attaching Self Help or IV Pole (optional accessories)

1. Insert self-help or IV pole into sleeve at head end of the bed, aligning the notch with the groove.



## Attaching Side Rails (optional accessory)

1. Unscrew fastening hand wheels to bring side rail locking clamp into an open neutral position.
2. Align side rail mounting plate with side of mattress platform ensuring that when rails swing away, they swing towards the foot end of the bed.
3. Tighten fastening hand wheels to lock rails into place.
4. Release rails into the downward position by pulling black spring button.



## Activating the handset

The handset has a locking key permanently fastened to the cord. This is designed to lock out functionality for patients with safe use concerns when unsupervised.

To lock out positions, insert the key with the function you want locked out and turn to the right to lock and left to unlock.



Power on light indicates system is active.

## Hand Control Functions



Backrest incline/decline



Knee bend incline/decline

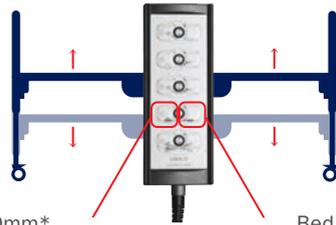


Backrest & knee bend synchronous incline/decline

## 6. ACCESSORIES

The following accessories are sold separately or as part of a bed package kit.

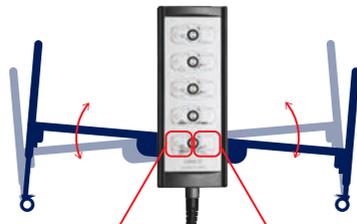
### Hand Control Functions (continued...)



Bed raise to 730mm\*

Bed lower to 330mm\*

\*Measurements taken from top of bed frame to ground level.



Reverse Trendelenburg tilt

Trendelenburg tilt

Always ensure that a health professional has assessed the patient regarding their suitability for Trendelenburg positioning.

### Castor Use

- This bed has 4 total-lock castors.
- To apply the brake, use your foot to press down on the lever at each castor.
- To unlock the brake, use your foot to down on the unlocking latch at the top of the castor.



### Self-Help Pole

- This should be placed on the side of the bed that the user gets in/out of bed to assist for safe egress. Ensure that the Self Help Pole is sitting securely in place with notch in groove.



### 3/4 Folding Side Rails

BEA016586

Refer to page 10 for further instructions.



### IV Pole

BEA016592

Refer to page 10 for further instructions.



### Self Help Pole

BEA016598

Refer to page 10 for further instructions.

# 7. TRANSPORT & STORAGE

## Locking the Bed

1. Unhook pin from hole mounted between backrest.
2. Locate pin in side pivot mount.
3. Mount.



**Before folding the bed back up make sure that the mattress platform, including the leg rest, is completely flat and that the bed is in the lowest position.**



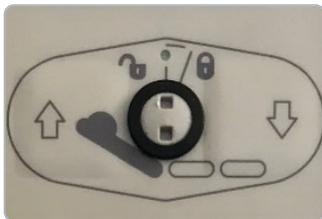
**Never attempt to use any other functions on the bed when in the folded position. Only the backrest buttons to either fold or unfold the bed. Only use the other functions when the bed is completely unfolded and flat.**



**Make sure not to damage any cables. Verify that the cables do not get tangled and that they do not get caught in any in moving parts.**

## Fold Bed Up

1. Press the backrest up button to engage the actuators. The bed will slowly retract and fold up (about 70% of the way).



## Lock Bed in Place

1. Once bed is electrically raised to it's furthest point, lock in place.



## Storage Conditions

Aspire MAXI Lifestyle Community Beds should be stored in a clean, dry, well ventilated area.

**The following limits apply during transport and or a storage period of up to 15 weeks duration:**

Ambient Temperature	-25°C	To	+70°C
Relative Humidity	10%	To	75%
Air Pressure	50 kPa	To	106 kPa

## 8. TROUBLESHOOTING

Fault	Cause	Solution
Controller inactive and power on light is not active	Power fault	<ul style="list-style-type: none"> <li>Primary power cable connection should be checked for cable damage and correct insertion.</li> <li>All power leads to actuators should be checked for correct insertion and or damage.</li> </ul>
Lift Actuator control not working	Linak Electronics Fault	<ul style="list-style-type: none"> <li>All power leads and plugs should be checked for correct insertion and not visible damage.</li> <li>Connector pins should be aligned, any unusual bends may suggest damage.</li> </ul>
Handset buttons do not work?	The safety lockout function is active	<ul style="list-style-type: none"> <li>Ensure specific function is not locked out and that handset cable is securely fastened.</li> </ul>

 Should problems persist contact Aspire Service on 1300 133 120.

## 9. CLEANING



Before cleaning always disconnect the bed from the mains power source and remove Linak electronics system from mattress platform.

Note: It is strongly recommended that protective clothing be used when cleaning.

Note: The following procedure also applies to the bed accessories, but does not include mattresses.

- Wipe the bed surfaces with a soft cloth moistened with hot water and mild detergent (or the facility's recommended cleaning solution). It is recommended that the cloth be a white material to prevent bleeding of dye colours to the bed. Take extra care in areas that can harbour dirt or dust.
- Rinse with clean water and a dry clean cloth.
- To remove potentially infectious materials such as body fluids, or when the bed has been used by someone with a known infection, clean with NaDCC (e.g. Presept, Actichlor) at 10,000 ppm of available chlorine. Rinse and dry.
- Allow the cleaned parts to dry before replacing the mattress.

### CAUTION

Do not use abrasive Hypocarbonate or Phenolic compounds or pads.

# 10. SERVICE & MAINTENANCE

To prolong the working life of the bed and for trouble free operation it is recommended that routine inspections should be performed by a person who is suitably qualified and well acquainted with the design, use and care of MAXI Lifestyle Community Beds.

If inspection reveals that the safety of the bed is compromised in any way, it should be IMMEDIATELY WITHDRAWN FROM SERVICE, tagged as such and the owner notified, until repair or replacement has occurred.

## Inspection:

A visual and functional inspection should be performed monthly and every time the bed changes user.

- Visually inspect electrical components: can you see damage to the hand control or power cord?
- Visually inspect mechanical components: can you see damage, chips or deformation to the frame, bed ends, side rails or self help pole?
- Is the hand control functioning as it should?
- Are the castors, brakes and accessories functioning as they should?

## Preventative Maintenance:

NOTE: Other than general maintenance activities all other service or repair work must be performed by qualified and trained persons or agents approved by Aidacare.

The following preventative maintenance procedures should be carried out every 12 months or as otherwise specified:

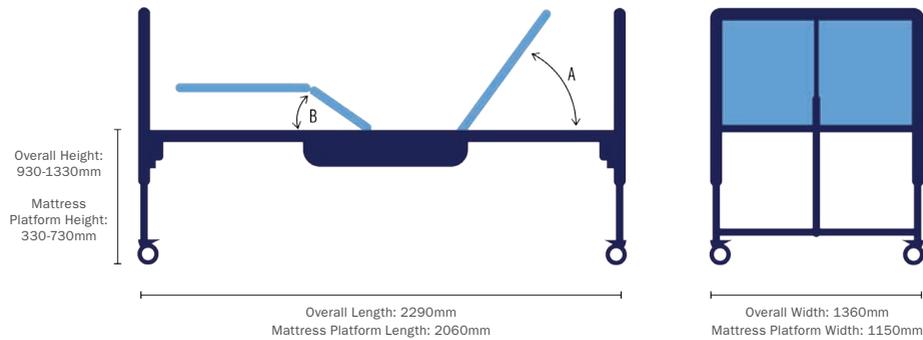
1. Overall functional check that all hand control functions are operating the bed as expected.
2. Overall inspection for visible signs of wear, tear or damage to the integrity of electronics and cables.
3. Actuators and all moving components should not make unusual noises.
4. Side rail attachment and function should be assessed along with the locking integrity of castors.
5. Electrical test & tag - where beds are in use in a commercial environment then the testing regime applied should align with the risk assessment made by the owner for safety and other compliance requirements.



**The bed must be disconnected from the mains power supply before starting the following maintenance activities:**

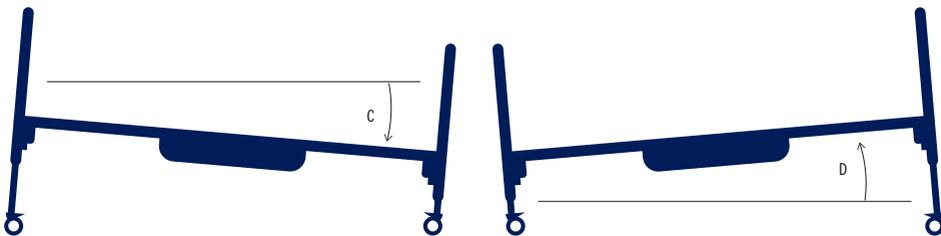
General	
1	Examine all the warning signs on the bed. Examine the bed for obvious signs of damage. Check that all nuts, bolts and other fasteners are tight and are not missing.
2	Examine flexible cables and conduits for cuts, cracks, abrasions or other deterioration.
3	Check that the power supply plug is not damaged. If either the power cable or plug is damaged then both the cable and plug must be replaced as a complete assembly by an approved service agent.
Braking System	
1	Apply the brakes and push the bed forwards. If any of the four braking castors rotate the brake is not fully effective.
2	Check the castors for correct operation.
3	If any are not working correctly contact an approved service agent.
Side Rails (if fitted)	
1	<ul style="list-style-type: none"> <li>• The locking pin mechanism and striker plate arrangement should be checked every three months.</li> <li>• Inspect the side rails for general wear and tear on fittings and pivot joints every six months.</li> <li>• Check for rust, structural integrity of welds and paint finish every twelve months.</li> </ul>
2	Raise the side rail to the upright position until the locking mechanism clicks into place.
3	Check that the rail clamps are securely fitted to the bed.

# 11. SPECIFICATIONS



## Degrees of Movement

- A. Upper body profiling 73° Max.
- B. Lower body profiling 30° Max.
- C. Trendelenburg 10° Max.
- D. Reverse Trendelenburg 10° Max.



## Weight Capacity



# 12. TECHNICAL INFORMATION

## i Electrical Ratings:

Voltage:	230V ~ +/- 10%V
Max current:	5A
Voltage output:	24V DC ~ max. 70V DC.
Operating Frequency:	2 min on, 18 min off Push force
Pull force:	Max 0 N to 4000N
Protection:	IP 54
Insulation:	III



User is not isolated from the ground or frame structure.

## Design Focus:

IEC60601-2-52 - Anti Entrapment

For further information contact [product@aidacare.com.au](mailto:product@aidacare.com.au)

# 13. WARRANTY

## Warranty

Aspire MAXI Lifestyle Community Beds come with a two year warranty. Please keep the purchase invoice as proof of warranty commencement.

Aidacare is bound by Australian Consumer Law in respect to Warranty Against Defects. A copy of the Aidacare Warranty Against Defects statement is available on the Aidacare homepage at [www.aidacare.com.au](http://www.aidacare.com.au). All warranty matters should be directed to Aidacare Customer Service on 1300 133 120.

Aidacare does not warrant against excessive or incorrect use, modification or any situation that could be deemed as fair wear and tear. This is a back to base warranty and does not cover freight costs pertaining to the return of any items under warranty. Aidacare acknowledges and conforms to all ACCC guidelines around consumer rights. For further information contact Aidacare on 1300 133 120 or email [product@aidacare.com.au](mailto:product@aidacare.com.au).

Aidacare will not warrant the safety and or correct functioning of products where any original components have been changed or modified by non-Aidacare approved and trained service & maintenance staff or external providers. Furthermore, safety is not guaranteed where components have been replaced with non-original Aidacare approved parts. If any faults are detected upon receipt of this product please phone Aidacare. Any faults that are detected during normal use should be reported to Aidacare immediately to determine if warranty conditions apply and if so, the necessary repair or replacement work to be completed.



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