

ROMA **MEDICAL**



Siesta

Model: MAXX M5 Electrically Adjustable Bed
User Manual



Please ensure this manual is read and understood before assembly and use

Mar 2008

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Note

Tools Required For Assembly:-

4, 6 & 8mm Allen Key

Adjustable Wrench

Introduction

Congratulations on your purchase of the Roma Medical ***Siesta*** nursing bed. The bed is manufactured using the best materials and manufacturing techniques to ensure the highest quality combined with exceptional value.

Intended Use

Your Roma Medical nursing bed is intended for use as a replacement for household beds. They are intended to help give independence to users who are dependant 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.

They are intended for use in home nursing and nursing homes/rehabilitation institutes.

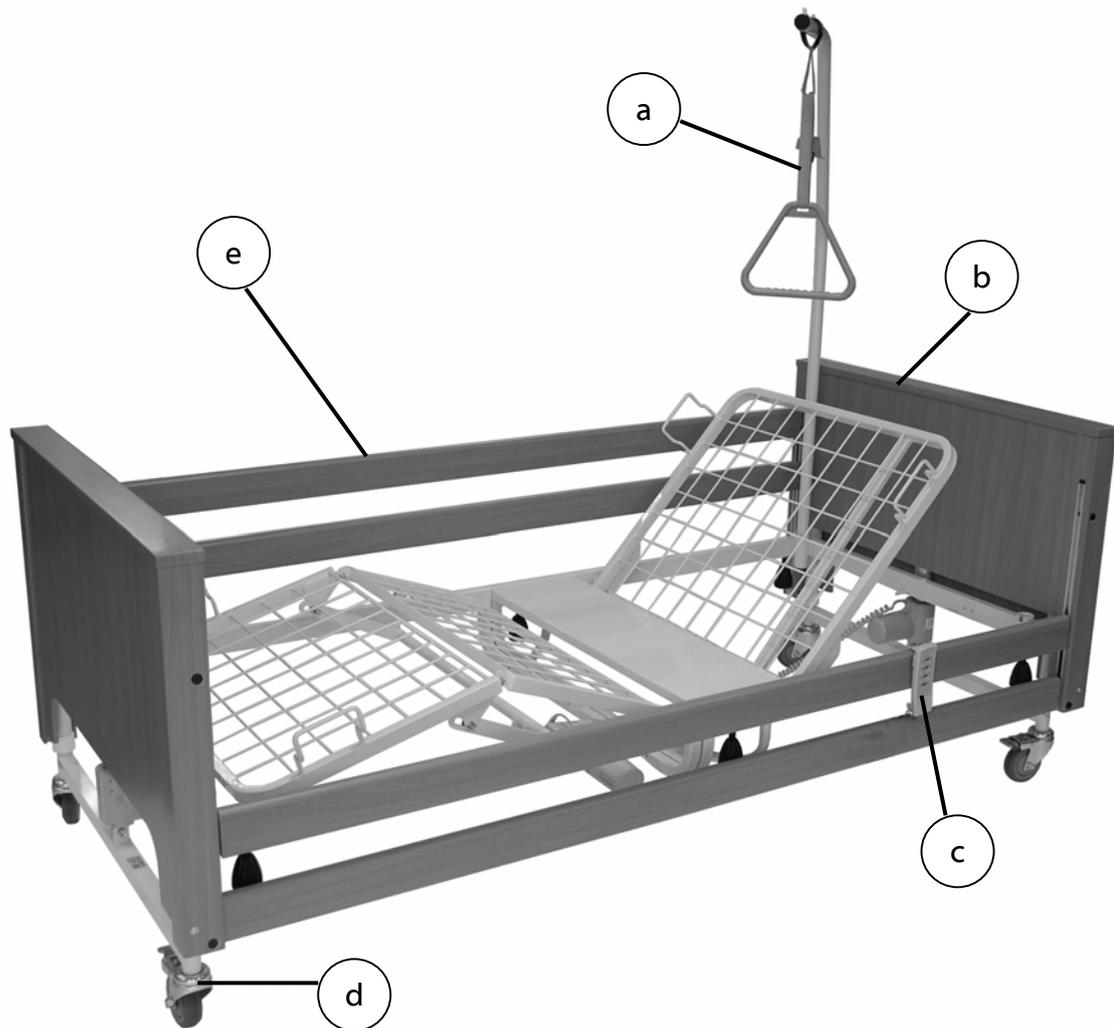
The bed is only approved to be used/occupied by persons over 12 years of age subject to assessment.

This manual must be read fully before assembly/use of the bed.

Technical Specification

Dimension	Min (mm/")	Max (mm/")
O/all Length	NA	2135 / 84
O/all Width	NA	1040 / 41
Bed End Height	875 / 34.5	1280 / 50.5
O/all Height (with trapeze handle)	1740 / 68.5	2140 / 84
Distance between head & foot ends	NA	2010 / 79
Mattress Support		
Length	NA	1920 / 75.5
Width	NA	840 / 33
Height	395 / 15.5	790 / 31
Side Rail		
Height above mattress support	40 / 1.5	350 / 13.75
Maximum user weight	175kg / 27.5 stone	

Feature Guide



- a) Removable grab bar
- b) Beech effect wooden bed ends
- c) Hand control with security key
- d) Locking castors throughout
- e) Drop down side rails for easy transferring

Safety Advice

The bed should not be used by persons younger than 12 years old, greater than 175kg (27.5 stone) 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.

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.

Assembly & Operation

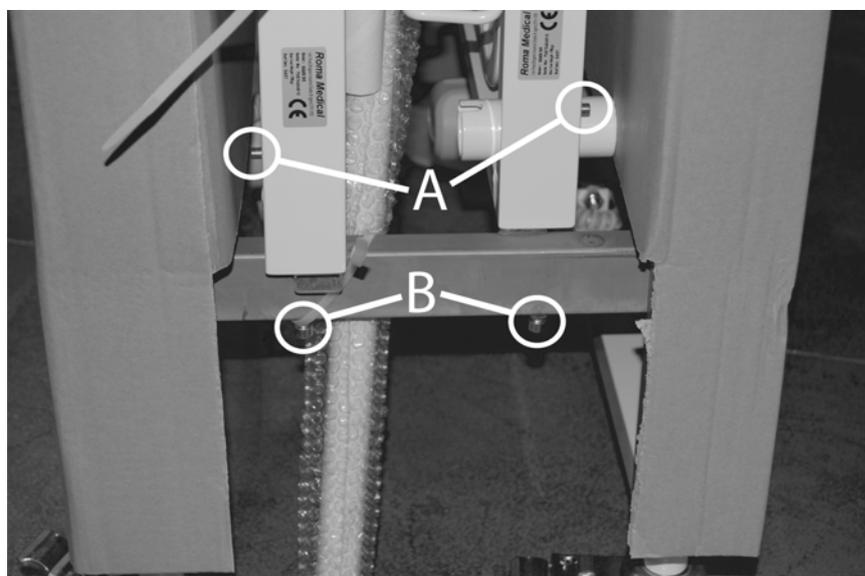
Remove the banding from the box and open both sides where indicated.



The brakes on the castors must be unlocked. The contents of the box can then be easily wheeled through the box. Ensure the box containing the actuator set is present.

Move the contents of the box and side rails to the area in which the bed is to be used for ease of locating the bed after assembly.

Remove the polythene packaging and carefully cut the tie wraps holding the head and foot frames together. Remove the grab bar assembly and carefully place to one side.



Continued...

Using a 4mm allen key, fully undo the grub screws marked 'A' each side of the frames (keep these for later use). Carefully lift the frame up to clear the transportation bracket and manoeuvre it through the bed-ends and carefully place against a wall or on the floor. Repeat this for both frames.

Note: Care should be taken when removing the beds frames from the transport bracket as they weigh up to 19kg. Also, keep fingers / arms away from the scissor mechanisms to avoid any possible entrapment / crushing whilst lifting the frames.

Remove the protective cardboard packing from the bed-ends. Apply the castor brakes to one of the bed-ends. Using a 6mm allen key, fully undo the allen bolt 'B' from the un-braked bed-end. The bed-end should come away from the transportation bracket, carefully lay the bed-end on the floor with the frame brackets pointing upwards. Remove the transportation bracket from the other bed-end and lay on the floor as with the first bed-end.

Open the sealed box which was packed underneath the bed. This should contain:

- 8 x Handknobs
- 2 x Main bed brackets
- 1 x Short actuator and fitting bolts (foot end)
- 1 x Long actuator and fitting bolts (head end)
- 1 x Control box
- 1 x Hand remote
- 1 x Transformer
- 4 x Side rail slides
- 1 x Hand grip and strap for grab bar



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With the bed end on the floor, take either the head or foot frame and offer the two locating brackets on the bed-end into the frame as shown in the following sequence of images.



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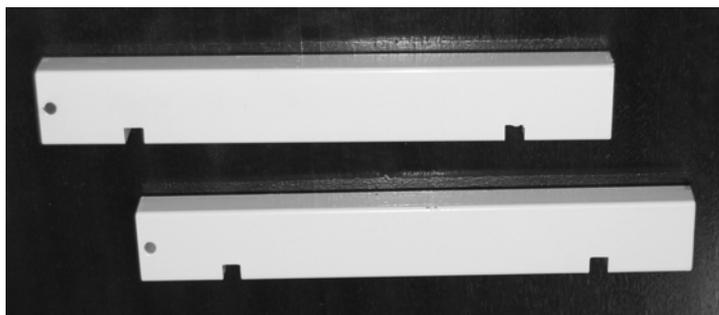


Secure the bed frame to the bed end with the handknobs. Ensure the thread of the handknobs locates in the notch on the locating bracket on the bed-end frame. Fully tighten the handknobs. There should be no slack or play in these connections.

Repeat this process for the other bed-end and frame.

Continued...

Take the 2 main bed connecting brackets shown opposite and insert them into the holes at the end of one of the bed frames. Use 2 of the grub screws from earlier to secure them in place. Ensure the thread of the grub screw locates in the cut-out of the connecting brackets. Fully tighten the grub screw with the 4mm allen key.



With the frames still upright, fit the motors using the M10 socket head bolts (You will need an 8mm allen key and adjustable wrench). The short motor should be fitted to the foot end frame. When fitting the motors, ensure the shaft end faces towards the wooden bed end and the cable is directed out towards you (when in normal operation facing towards the floor).

NOTE! Do not fully tighten the nuts when fitting the motors. Allow 2-3 full threads to show through the nyloc nut. If there is nut if fully tightened there will be no free rotation of the pivot which could result in frame damage.

Locate the control box on the side of the foot end motor. Plug the foot end motor (green plug) into the 'FOOT' socket. **NOTE: It is very important to locate the plug correctly to avoid damage. Notice the location of the lug on the plug and the socket to ensure correct alignment.**



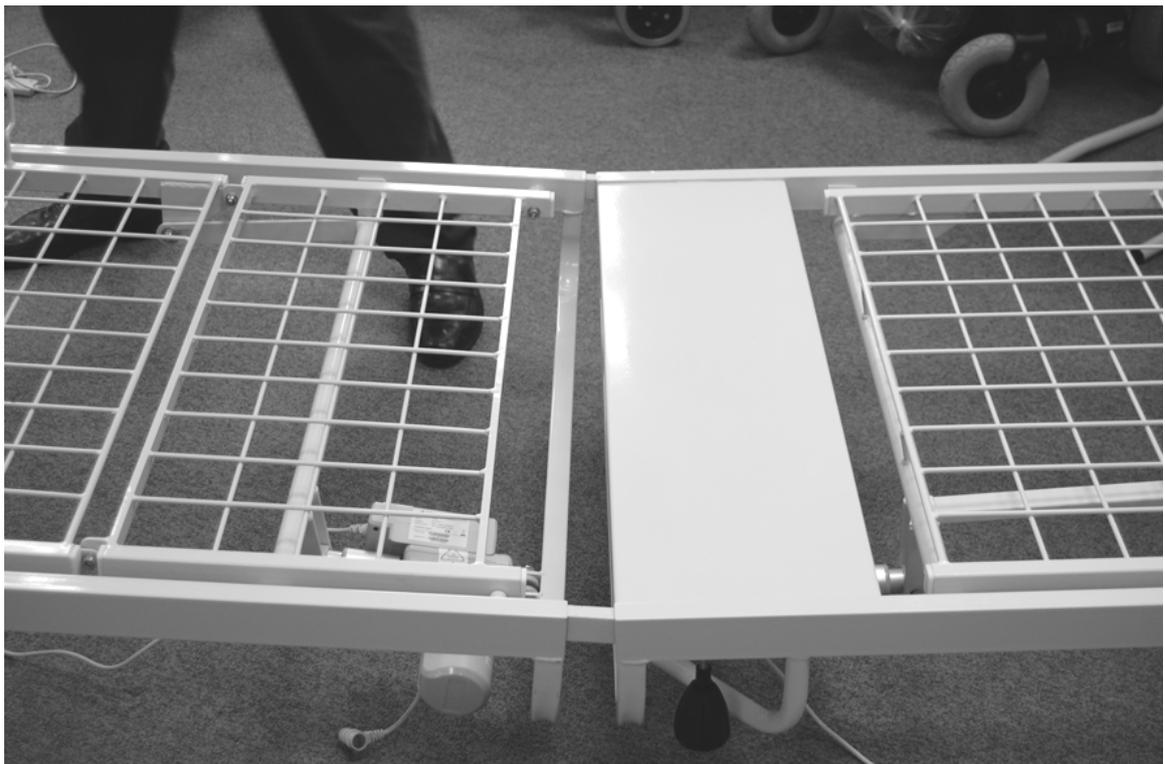
Plug the yellow banded bed-end motor into one of the sockets marked 'Hi-Low'.

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Next, lift the bed-ends upright and align them. Lock the castors on one of the bed ends. (Below)



Carefully lift the two parts of the frame together so the connecting brackets locate in the end of the receiving frame. (Below)

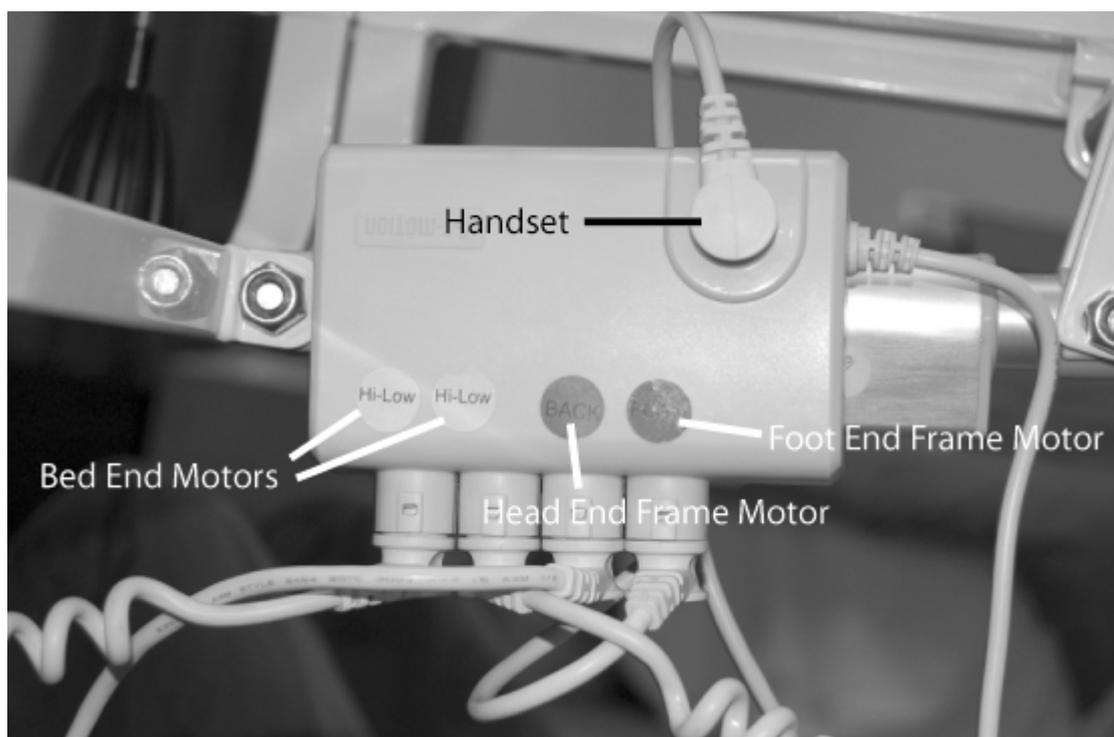


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Push the frames together fully, ensuring no gaps are present. Insert handknobs into the holes and fully tighten, ensuring the threads of the handknob locate in the cut-outs of the connecting bracket. (Below)



Connect the remaining motors and handset to the control box. Note the direction of the connectors. The hand control connection is on the side of the control box, the four motor connections are colour coded and labelled. (Below)



Continued...

Connect the power supply to the mains and check the operation of the motors. If there is no function, check all connections are secure and the led is lit on the handset. Ensure the security key is plugged into the socket on the side of the handset. (see 'Operation' p.16)

Using the handset raise the bed to its full height and switch off the power to avoid any accidental movement during the next procedure.

Take one of the seat rail sliders and locate it in the rail at the side of the bed-end while depressing the bottom side rail adjustment button. (Below)



Fully insert the slider (pointed end up) until it locates in its lowest position. Fit both side rails to the slider with the rounded edge to the top. The other ends of the rails should rest on the floor. (see following images)

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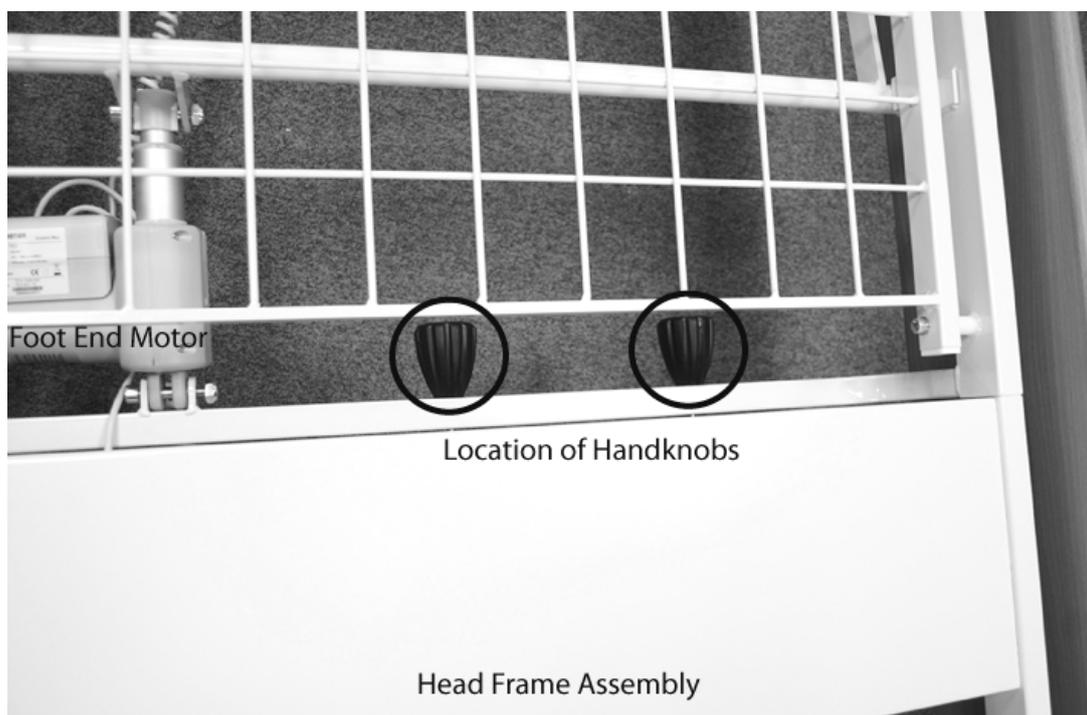
Take another slider and fit it to the other end of the bed rails. Depress the adjustment button and locate the slider in the rail on the bed-end.



Repeat the process for the other side rail.

Centre Frame Fixing.

Where the two halves of the beds meet in the middle, handknobs should be used to connect the centre parts of the bed frames. The handknobs must be fitted through the footend first then into the threaded headend. Fully tighten the handknobs before commissioning the bed. (image below is taken from above)



Continued...

View from underside.



Operation

Firstly, plug in the security key into the socket at the lower left side of the hand control.
This feature is to prevent any unauthorised use.



Continued...

Functions:

- A – Head end up
- B – Head end down
- C – Foot end up
- D – Foot end down
- E – Head and foot ends up
- F – Head and foot ends down
- G – Bed up
- H – Bed down.



IMPORTANT: Only one operation at a time is possible. The bed should not be used for more than 2 minutes continuously in an 18 minute period. A thermal protection circuit maybe activated and the bed will not work. To reset the thermal cutout, switch off mains power and leave for 30 minutes.

Your Siesta bed has an emergency backup function which allows the bed to be lowered in the event of mains power failure. Three PP3 batteries should be fitted inside the transformer. Simply open the cover on the underside of the transformer and fit the batteries.

Note: These batteries will only provide one emergency lowering operation.



Care 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 manufacturers instructions should be adhered to.

Maintenance

The bed should be regularly checked to ensure that all fastenings are secure and that the chassis of the bed is sturdy and sure-footed. Check cables for wear or damage and replace where necessary.

We recommend that servicing be undertaken on a 24 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.

Troubleshooting

DO NOT open any of motors or control boxes – there are no user serviceable parts inside.

No movement:-

Check mains power supply.

Check transformer connection and power output*.

Check control box output*.

Check security key is connected correctly into handset.

Check handset is connected correctly.

Check green LED on handset is lit.

Continued...

Potential Problem:-

Mains fuse.

Transformer fault.

Controller fault.

Security key not inserted properly.

Faulty handset.

One of the motor function fails:-

Check motor connection.

Plug affected motor into another connection and re-test.

Potential Problem:-

Loose connection.

Faulty motor.

* These tests should be undertaken by a qualified technician only.

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. 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 handknobs 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 / distortion when initially moving the bed, cease the operation immediately and transfer the user from the bed and check the handknobs and grub screws for tightness before continuing.

Warranty Terms and Conditions

This is to certify that your Roma Medical product is warranted for a period of 24 months from the date of original purchase. This warranty is not transferable.

Should a defect or operating fault arise within this period the Dealer from where the product was originally purchased should be notified immediately. Failure to register the fault may invalidate the warranty.

Roma 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 Companys 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. Normal wear and tear includes tyres.

Component parts replaced outside this period carry a six-month warranty. (Standard terms and conditions apply for this period).

Model: _____

Serial No: _____

Purchase Date: _____

Dealer Stamp

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Roma Medical reserve the right to change specifications without prior notice

