

USER MANUAL



**Head, Foot & High/Low Function
with Patient Remote Control**



FOR THE FOLLOWING MODELS

- 3 FUNCTION ELECTRIC BED (# SLB149-B)
- 3 FUNCTION ELECTRIC BED (# SLB149-EXP / # SLB149-B-EXP)
- 3 FUNCTION ELECTRIC BED (# SLB42-EXP / # SLB42-B-EXP)
- 3 FUNCTION ELECTRIC BED WITH EXPANDABLE WIDTH (# SLB48-X / # SLB48-X-FHB)
- 3 FUNCTION ULTRA LOW BED 7" (# ULB7-EXP / # ULB7-B-EXP)

IMPORTANT:

CHECK THE LABEL ON THE BED FRAME FOR THE CORRESPONDING MODEL NUMBER

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The **MedaCure AMERICAN SPIRIT 3 Function Electric Low Bed & 3 Function ULTRA LOW Bed** are fully electric beds for Long Term Care, Hospital & Home Care settings. It has a low position of 14.9" (SLB149-B / SLB149-EXP / SLB149-B-EXP / SLB42-EXP / SLB42-B-EXP / SLB48-X/ SLB48-X-FHB) & 7" (ULB7 -EXP / ULB7-B-EXP) and 3 patient position functions to enhance the quality of care and for ultimate comfort. The **AMERICAN SPIRIT** uses sophisticated motors to control all functions and has a weight capacity of 450 lbs (ULB Series) & 550 lbs (SLB Series). The bed comes standard with a patient remote control. The bed is a Class II Medical Device. The plug and the motors are IP43 rated.

Durable and built to last with all steel construction and removable head & foot boards. The **AMERICAN SPIRIT** beds are sturdy with multi-functional features and an attractive upscale design that will enhance the décor of any room.

3 Function Electric Bed Head and Foot Positions, High/Low



PRODUCT FEATURES

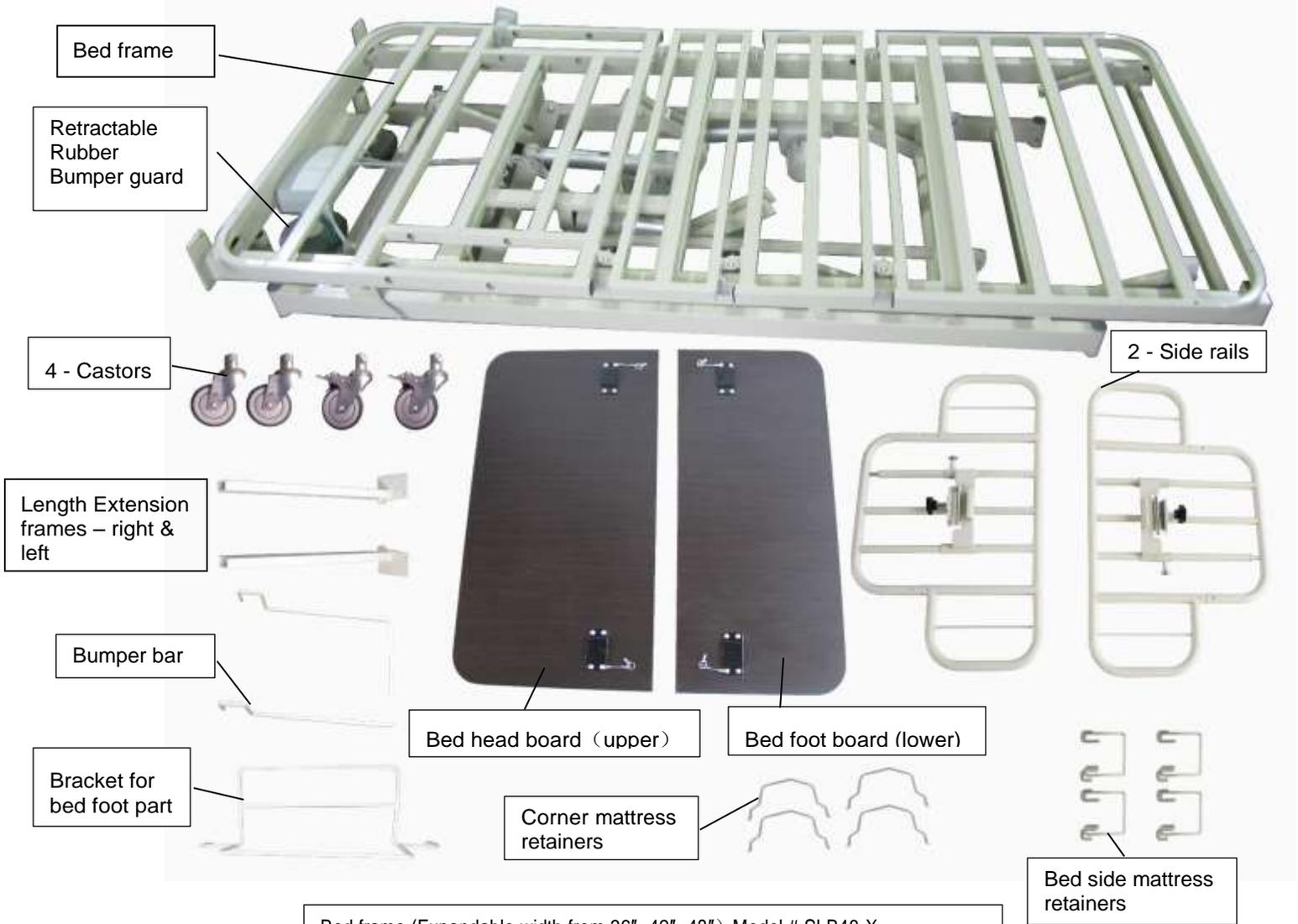
- Patient remote hand control for all 3 positions (standard)
- High position height travels to 29" (SLB149-B / SLB149-EXP / SLB149-B-EXP /SLB42 -EXP /SLB42-B -EXP / SLB48-X/ SLB48-X-FHB) and 22" (ULB7-EXP / ULB7-B-EXP)
- Low position: 14.9" (SLB149-B / SLB149-EXP / SLB149-B-EXP /SLB42 -EXP /SLB42-B -EXP / SLB48-X / SLB48-X-FHB) 7" (ULB7-EXP / ULB7-B-EXP)
- Length of bed extends from 80" – 88" (on all bed models with 'EXP' in the model #)
- 4 x 4" casters: 2 pcs. swivel & 2 pcs. locking casters
- 2 Adjustable ½ side rails (optional)
- 2 Assist bars (optional)
- Under bed clearance: 5.7"
- IV pole mount on the 2 head corners of the bed frame
- Durable rectangle tube bed deck
- Interchangeable head/foot boards
- Durable 1 piece reinforced steel frame
- Back up battery (on all bed models with 'B' in the model #)
- Expandable width from 36" – 42" – 48" (on all bed models with 'X' in the model #)
- Each bed includes 4 corner mattress retainers, 1 on each corner (on all bed models without 'x' in the model #)
- Each bed includes 8 bed side mattress retainers (Only for model SLB48-X / SLB48-X-FHB)
- Each bed includes 2 retractable rubber bumper guards on the head of the bed (SLB149-B / SLB149-EXP / SLB149-B-EXP /SLB42 -EXP /SLB42-B -EXP / SLB48-X / SLB48-X-FHB)
- Each bed includes 1 bumper bar on the head of the bed (ULB7-EXP / ULB7-B-EXP)

| Accessories Models | Length Extension | Width Expansion | Retractable Rubber Bumper Guard | Bumper Bar | Bed Side Mattress Retainer | Corner Mattress Retainer | Standard Head & Foot Boards | Quick Release Head & Foot Boards | Quick Release Foldable Head & Foot Boards | Backup Battery |
|-----------------------|---------------------|--------------------|--|---------------|----------------------------------|--------------------------------|-----------------------------------|---|---|-------------------|
| SLB149-B | x | x | √ | x | x | √ | x | √ | x | √ |
| SLB149-B-EXP | √ | x | √ | x | x | √ | x | √ | x | √ |
| SLB149-EXP | √ | x | √ | x | x | √ | x | √ | x | x |
| SLB48-X | √ | √ | √ | x | √ | x | x | √ | x | x |
| SLB48-X-FHB | √ | √ | √ | x | √ | x | x | x | √ | x |
| SLB42-B-EXP | √ | x | √ | x | x | √ | x | √ | x | √ |
| SLB42-EXP | √ | x | √ | x | x | √ | x | √ | x | x |
| ULB7-B-EXP | √ | x | x | √ | x | √ | x | √ | x | √ |
| ULB7-EXP | √ | x | x | √ | x | √ | x | √ | x | x |

Weight capacity: 450 lbs (ULB Series) & 550 lbs (SLB Series).

PARTS LIST & DESCRIPTION

IMPORTANT: Read this manual completely before setting up or operating this system and keep in a safe place for future reference. To avoid injury and for maximum safety, this system should only be installed by an authorized technician or dealer representative.



Bed frame (Expandable width from 36"- 42"- 48") Model # SLB48-X



Figure # 1

1. Castors - Installation and Operation

1.1. Place the bed surface plate flat down (face to the floor) on a blanket or any soft floor. Unscrew the bolt on the castor and insert the castor stem into the castor tube of the bed frame. Align the screw hole and tighten the M8 x 15 bolt with $\phi 8$ spring washer - see figure # 2.

Install the 4 castors (total 2 pcs swivel and 2 pcs with brake) respectively, using the same type of caster installed on the diagonal opposing corner.

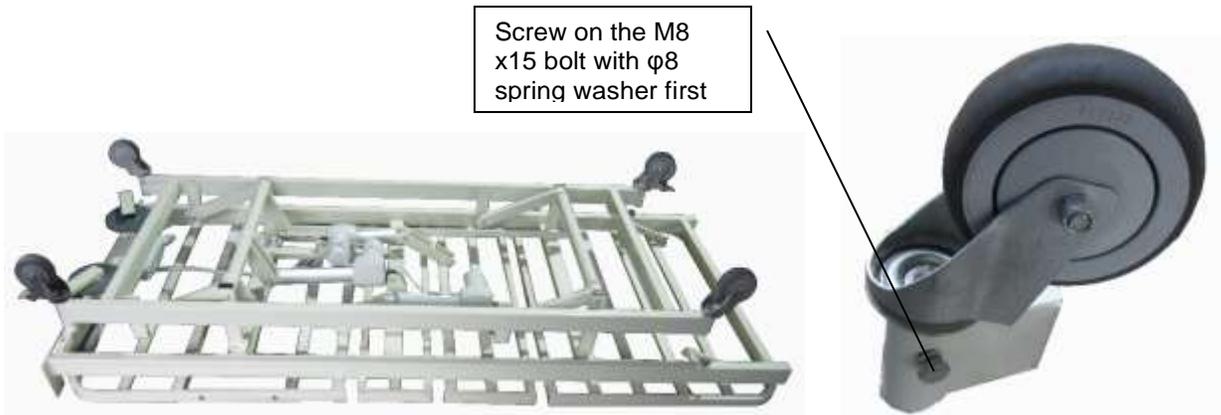


Figure # 2

1.2. Turn over the bed frame (with the castors toward the floor). Step on the locking peddle (lower) to lock the castors in place and step on the unlocking peddle (upper) to unlock the castors. See figure # 3 and # 4.



Figure # 3 Unlocking status



Figure # 4 Locking status

2. Length extension frame - Installation

2.1. Insert extension frame (left) & extension frame (right) into the 60 x 30 mm rectangular bed frame tube. See Figure # 5

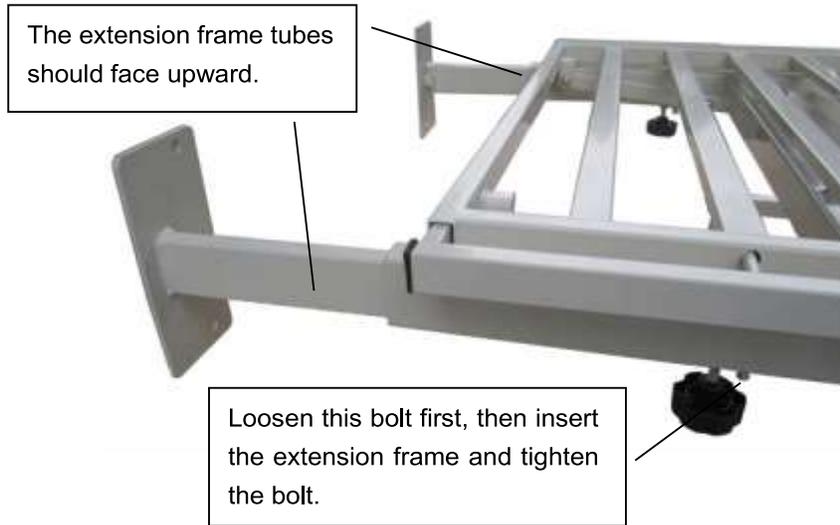


Figure # 5

2.2. Install bracket for bed foot part as per Figure # 6



Figure # 6

3. Head and Foot Board – Installation

3.1 Standard Head and Foot Board - Installation

3.1.1 Insert the M8 x18 plywood nut into the hole at head and foot board - see Figure # 7



NOTE: IF THIS MODEL COMES WITH A QUICK RELEASE HEAD AND FOOT BOARD PLEASE SEE SECTION 3.2 BELOW FOR INSTALLATION INSTRUCTIONS.

Figure # 7

3.1.2 Match the bed head board with the bed frame installation holes. Fasten by M8 X 20 cup head bolt with ϕ 8 flat washer, as per Figure # 8.



Figure # 8

3.1.3 Match the bed foot board with the extension frame installation holes. Fasten by M8 X 20 cup head bolt with ϕ 8 flat washer. Bed foot board can be installed in both the high and low level position. See Figure # 8A & Figure # 8B.

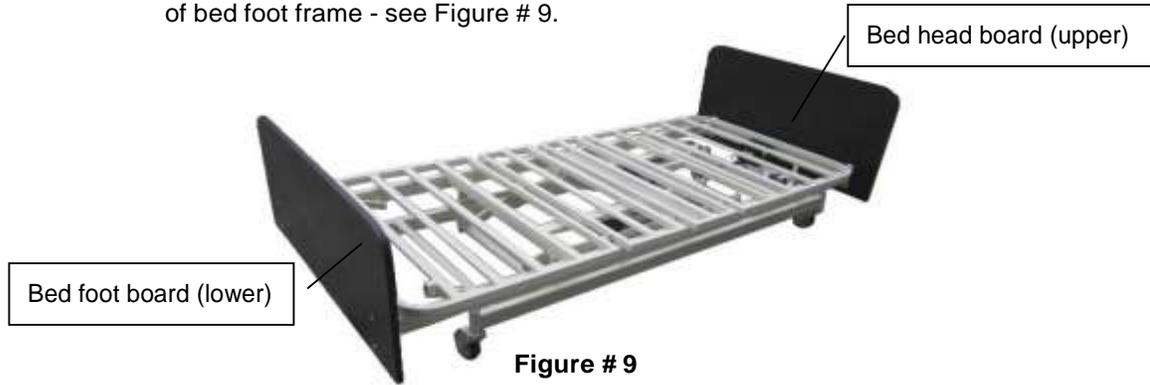


Figure # 8A Bed foot board in low-level installation position



Figure # 8B Bed foot board in high-level installation position

3.1.4 Install the bed head board at the side of bed head frame and the bed foot board at the side of bed foot frame - see Figure # 9.



3.2. Quick Release Head and Foot Board Installation

3.2.1 **HEADBOARD (higher piece)** – insert the brackets on the back of the headboard into the bed frame brackets as noted in Figure # 9.1.



Figure # 9.1

3.2.2 Insert the security bolt through the holes on the board and frame brackets as noted in Figure # 9.2.



Figure # 9.2

PLEASE NOTE: FOOTBOARD
For the bed with expandable length feature, you will need to install the bed extension rods first before attaching the footboard.

3.2.3 **FOOTBOARD (lower piece)** Repeat steps 1 and 2 for installing the foot board (lower piece).

3.3 Quick Release Foldable Head and Foot Board Installation (for Model # SLB48-X-FHB)

3.3.1 Repeat steps 3.2 for installing the head and foot board

3.3.2 Foldable bed head board installation as noted figure # 9.3



Unfolded Status



Folded Status

Figure #9.3

4. Operation for bed surface extension frame

4.1 First, loosen the “Locking Bolt”. Then, pull the “Pulling Button” with one hand and pull out the extension frame until it clicks into your desired location hole (see 4.2 below). Tighten the “Locking Bolt” to lock the extension frame in place. See figure # 10.



Figure # 10

4.2 **IMPORTANT NOTE:** There are 3 location holes on each extension frame for 3 width adjustment settings - 36”, 42” and 48” widths. There are 4 separate extension frames on each side of the main frame. Repeat the above method in 6.1 to achieve the desired width and then tighten the “Locking Bolt” to lock the extension frame in place. See Figure # 10A.



THIS IS FOR MODEL SLB48-X / SLB48-X-FHB



Figure # 10A

5. Operation for Bed foot length extension frame

Loosen the screw on the bed frame, and pull out the extension frame. Tighten the screw until the ideal length is selected, as per Figure # 11.

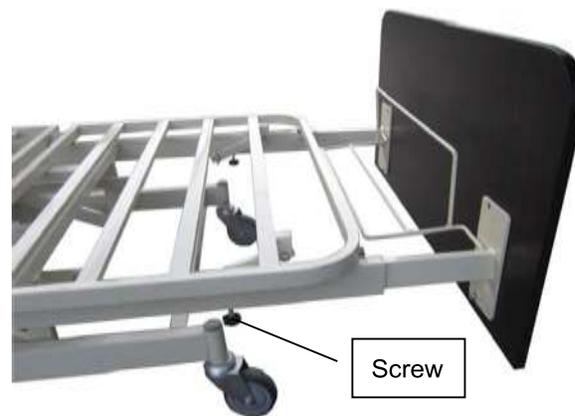


Figure # 11

6. Mattress Retainer

6.1 Corner mattress retainer Installation

Each corner of the bed frame has two mattress retainer installation holes. Insert the mattress retainer as noted in Figure # 11.1A (Only for all bed models without 'x' in the model #)



Figure # 11.1 A

6.2 Bed Side Mattress retainer Installation

Hang the bed side mattress retainer onto the tube as noted in Figure # 11.1B (Only for model SLB48-X / SLB48-X-FHB)



Figure # 11.1B

7. Bumper Guard Installation and Usage

7.1 Insert the retractable rubber bumper guard stem to the bracket. Align the mounting holes and fasten the screws as noted in Figure # 11.2

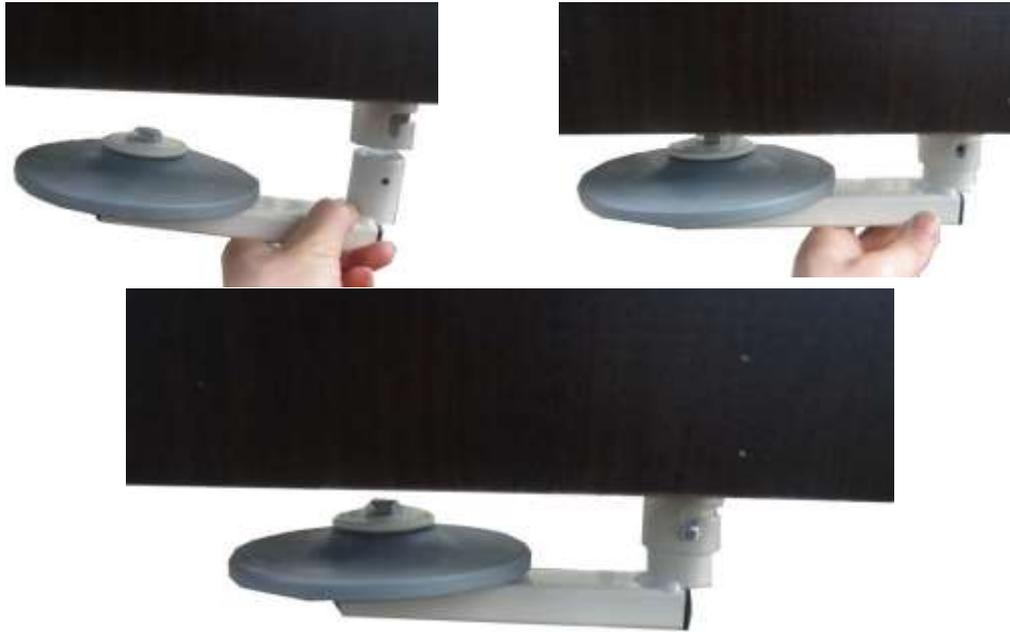


Figure # 11.2

7.2 Extended Position: Push the retractable rubber bumper guard stem upward and turn the stem outward until the screw clicks with slot as noted in Figure # 11.3



Figure # 11.3

7.3 Retracted Position: When the retractable rubber bumper guard is not in use, push the stem upward and turn it inward until screw clicks with slot as noted in Figure # 11.4



Figure # 11.4

7.4 Bumper Bar Installation (only applies to Model #'s ULB7-EXP / ULB7-B-EXP)
Hang the bumper bar onto the tube as noted in Figure # 11.5



ULB7 Bumper Bar Installation diagram

Figure # 11.5

8. Side Rails - Installation and Operation

8.1. Unscrew the knob at the side rail mounting base. Insert the mounting base into the 30 x 20 rectangular tube of the back bed plate. Adjust well and tighten the knob - see Figure # 12

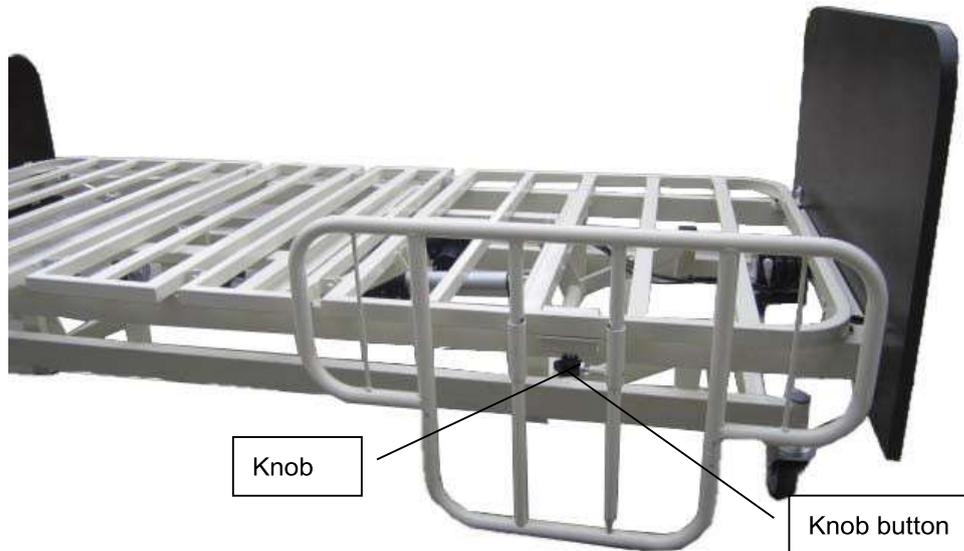


Figure # 12

8.2. Raise the side rail until it clicks into place. Pull the knob button to lower the side rail - see figure # 13.



Figure # 13

9. Patient remote control -Operation

Ensure the power cord is connected. Patient can easily control all 3 bed functions by using the remote control. This includes adjusting the entire bed height, raising & lowering the head & foot areas. Press the selected button until you reach the ideal position - see figure # 14.

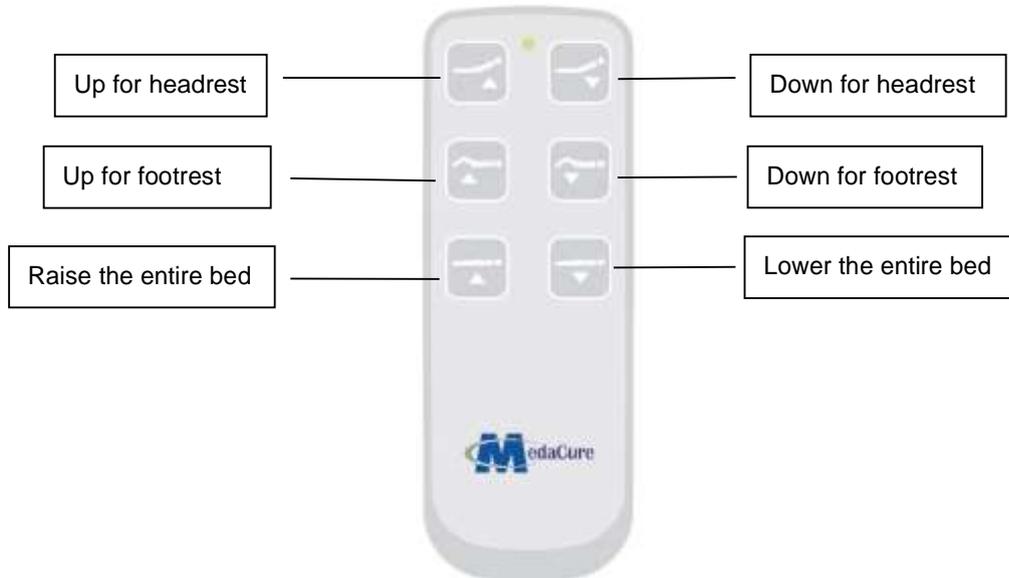


Figure # 14

10. IV Pole

The bed frame has 2 sockets to insert an IV Pole. Each corner of the bed head frame has one installation hole for an IV Pole. Insert the IV Pole into any one of the sockets and adjust to your desired height.

11. Battery backup – Available on all models with a 'B' in the model

On select bed models, the motor has a backup battery that will operate all functions in case of a power outage. The motor has a backup battery that will operate all functions in case of a power outage. The motor includes 24V 4A rechargeable batteries. The battery lifetime is 2- 4 years depending on usage. Replace the battery when the functions no longer operate well in battery mode (and plug is disconnected). To replace the battery, unscrew the 4 screws on the control box and pull out the wires connected to the batteries. Remove the battery and replace with new rechargeable batteries. Connect the wire to the new batteries and replace the cover on the control box with the 4 screws (see figure #15)

If the bed is not used for a long time (more than 1 month), it is recommended to recharge the batteries. Plug in the AC wire of the bed to recharge the battery for 8-10 hours one time each month.

To obtain new replacement batteries or other bed parts, please contact your supplier or MedaCure direct with bed model number and part description.



Figure # 15