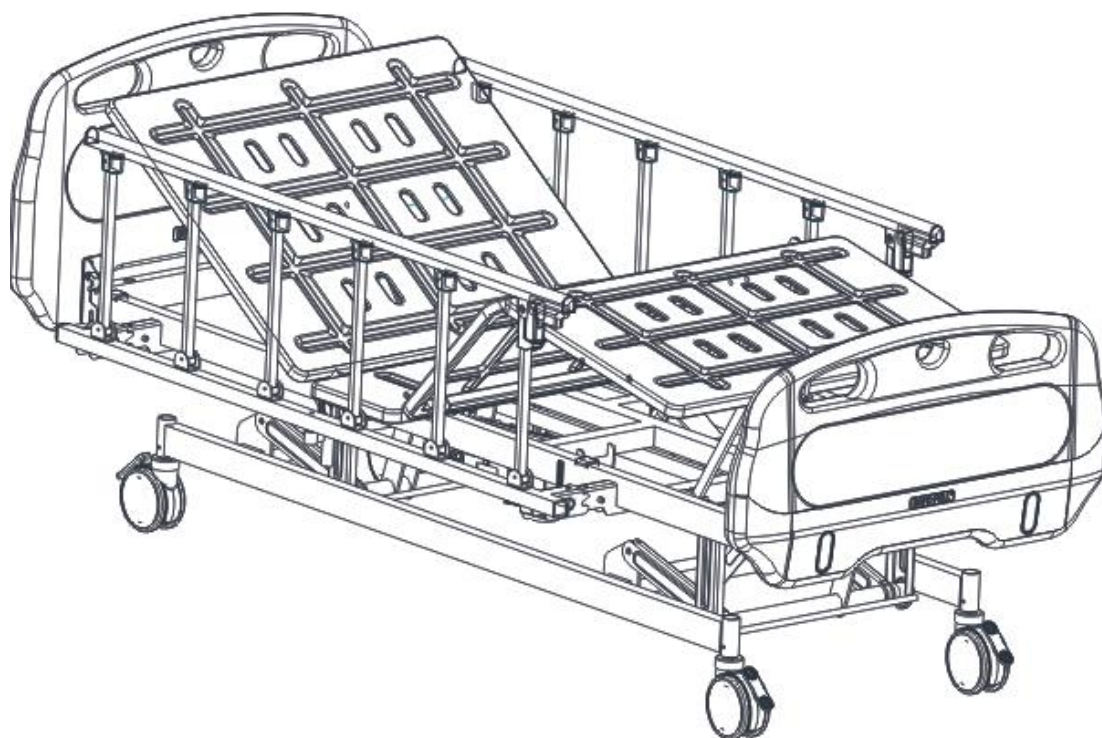




HOPEFULL® electric bed Instruction

(Applicable model: Sa736a)



Content

1.General	3
1.1 Safe notice	3
1.2 Warning.....	3-6
2. Bed information.....	7
2.1 Bed description.....	7
2.2 Bed aspect.....	7
2.3 Bed parameter.....	8
2.4 Controller and control box.....	9-10
3. Bed function and operation.....	10
3.1 Back section up and down adjustment.....	11
3.2 Knee section up and down adjustment.....	12
3.3 Back and knee section up and down together.....	13
3.4 Hi-Lo adjustment.....	14-15
4. Bedside rail operation.....	16
5. Castor operation.....	17
6. Head and foot panels installation and dismantle.....	18
7.Cleaning and disinfection.....	19-20
8.After-sales service contact information.....	20

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1. General

The instruction includes the information about usage safety notice, function instruction and maintenance. It is applicable to Sa736a Electric bed. The electric bed is used for examination, diagnosis, nursing care and treatment for patients.

1.1 Safe notice

※ Before using the bed, make sure to read “Usage Safe Notice” carefully and operate correctly. If not operate according to “Usage Safe Notice”, the products may be damaged and even hurt human’s life.

※ If the bed is directly operated by the patient himself or his relatives, before using it, the doctors or nurses should give the enough explanation to them regarding how to operate the bed, so that the operations adapt to the patient’s symptom.

※ Please do not allow the children and the person who can’t understand the operations well to operate the bed.

※ After finish reading the instruction, it should be put on the place where can be seen at any moment.

1.2 Warning



Warnings

1. Pay attention to use the electricity safely please.

- Don’t use the wet hands to touch the plug.
- Before cleaning the bed, make sure to put off the plug for safety.

- When put off the plug, the hand has to grip the plug. If pulling the electric wire directly, the wire may be broken off.
 - Don't put the bed in the wet place, or else the electrical components may be damaged and cause the accident
 - When the bed without use or move the bed, please take off the plug and wreath it on the electric wire rack in order to avoid damaging the plug or electric wire.
2. In order to avoid the patient falling from the bed, please use both bedside rails.
- Don't put your head, hands and legs out of the bed, or else you may fall out from the bed and get hurt.
 - Do make sure to use the bedside rails when carry the patient.
 - Please do not put your head and neck into the clearance between the bedside rails or the head panels, or else you may fall from the clearance and get hurt. Especially take care for the patient who can't control himself body.
 - Don't sit on the bedside rails or head and foot panels or stand on the bed, all that may make you fallen out from the bed and get hurt.
 - It's not allowed to operate by the children, or else it may make the children fallen from the clearance of the bedside rails and hurt themselves.
3. When adjust the angles of the bed board, please pay attention to patient state.
- When adjust the bed, please make sure there is no barrier around and your eyes do not leave away from the patient.
 - When patient is in prostrate status, do not lift up the back bed board, or else the patient may get hurt.
 - The angle between the back bed board and the knee bed board should be not less than 90°, or else it will oppress the patient abdomen and get hurt (except for the medical people have special arrangement)

- If the patient does movement during the bed board adjustments, he/she may fall from the bed and get hurt.
 - Please do not put your hands and feet into the clearance between the mattress platform, head&foot panels, the bedside rails , also not get into the underside of the bed , or else you may be clamped by the bed movement parts or the bed frame, bedside rails and get hurt .
 - Please do not sit on the process lifting up bed board or the already risen bed board, or else the bed board supported part may get distortion or breakage because of the heavy pressure.
4. Before adjust the bed, please pay attention to the wall and other barriers, and make sure the clearance between the bed and the wall or other barriers is more than 20cm. Because when adjust the bed height, the bed will do the up and down or front and back movement, it must confirm the bed will not touch the wall or the barriers when adjust. Or else, the bed will get distortion or breakage, and also break the surrounding object.
5. Except for moving the beds, please make sure to lock the castors and fasten the bed well. When the patient gets up and down the bed, it may cause the unexpected hurt because of the bed movement.
6. When move the bed:
- Please make sure to install and lock well the head and foot panels. If the panels are not locked well before moving the bed, the patient may fall from the bed to get hurt because of the panels loose.
 - Please avoid to moving the beds on the rough road, or else it will cause the bed distortion or breakage or other unexpected trouble. If you have to move the bed on the rough road, the bed should be moved very slowly for safety.
 - When move the bed, the bed and both bedside rails can't hit the surrounding object. Or else, the bed and the bedside rails may get distorted and break.
 - Do not only grasp the bedside rails to move the bed. If the bedside rails

bear too much pressure, it may cause the distortion or breakage.

7. Don't get close to the fire. Nearby the bed, please avoid to use the warmer or the heating machine, or else it will cause the bad quality, distortion of the bed components even cause a fire accident.
8. Without the nurse care, in order to avoid the patient falls from the bed when get up and down from the bed or lying on the bed, please adjust the bed reaching the lowest position, and the mattress platform should be adjusted to the horizontal position. (Except for the medical people have special requirement)
9. The bed is designed for only one patient to use, if two or more patients use it simultaneity, the bed may be broken.
10. Please lay the patient in the correct sections as the bed. If head and foot sections are reversed, the back and knee will have wrong posture when adjust the bed and the patient will get hurt.
11. Please do not fasten the belts on the patient's body when adjust the bed. Or else, it will hurt the patient or make the bed distorted or broken.
12. Make sure to check and repair the bed carefully (For example, the bed is broken caused by the earthquake, fire, flood or other reasons). You can ask for help from the manufacturer or the authorized agent to check and repair, the users are not allowed to repair or reconstruct. Wrong repair or reconstruction may cause the abnormal case and hurt the patient.
13. Improperly to put the bed is the reason to cause the trouble, so please avoid to put the bed in the following sites:
 - The place with the direct irradiated sunshine.
 - Nearby the warmer or the heating machine and other euthermic machines.
 - The places with too much water and oil steam.
 - High temperature, over-moisture, low temperature places.
 - Use the bed in the environment: temperature between 0~40℃、relative humidity ≤80%.
 - Place with much dust, smoke, salt, sulfur, corrosive object.

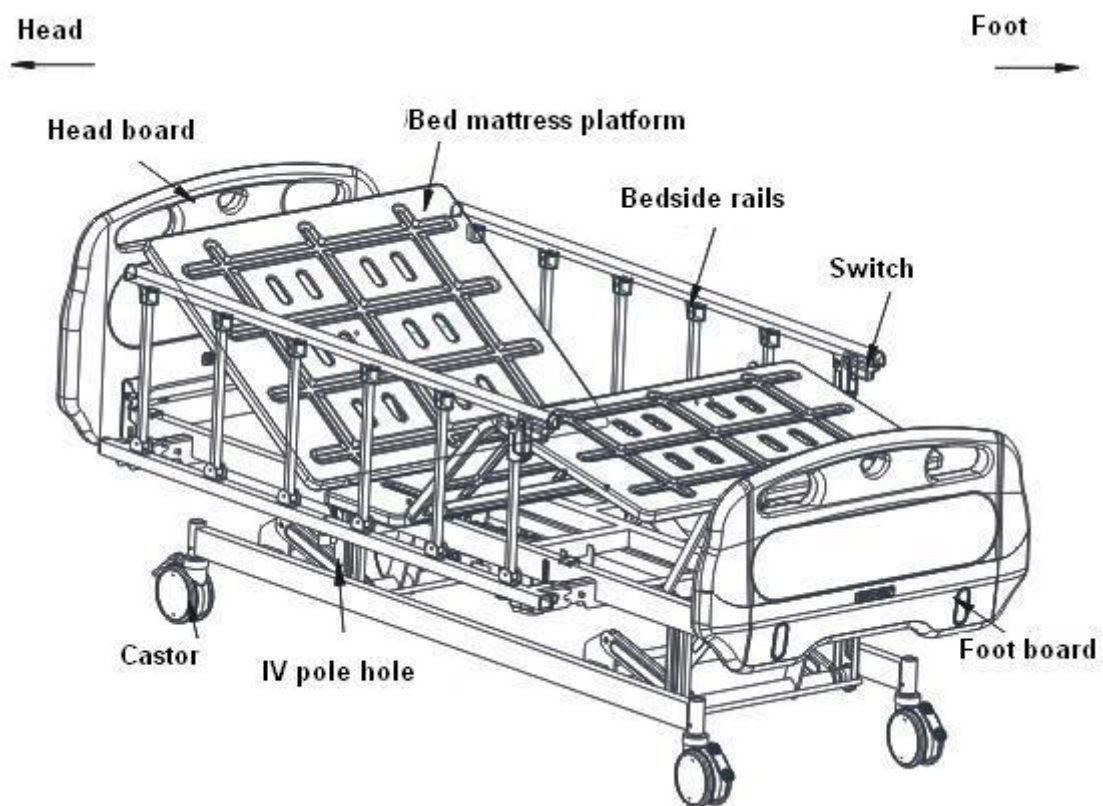
- Unventilated place.
- Shake or impacts place (including when carry).
- Flabby floor.
- Unbalance floor.

2. Bed information

2.1 Bed description

The product is consist of bed frame, mattress support platform, electric operation systems,side rails,head and foot panels, castors and so on.

2.2 Bed aspect

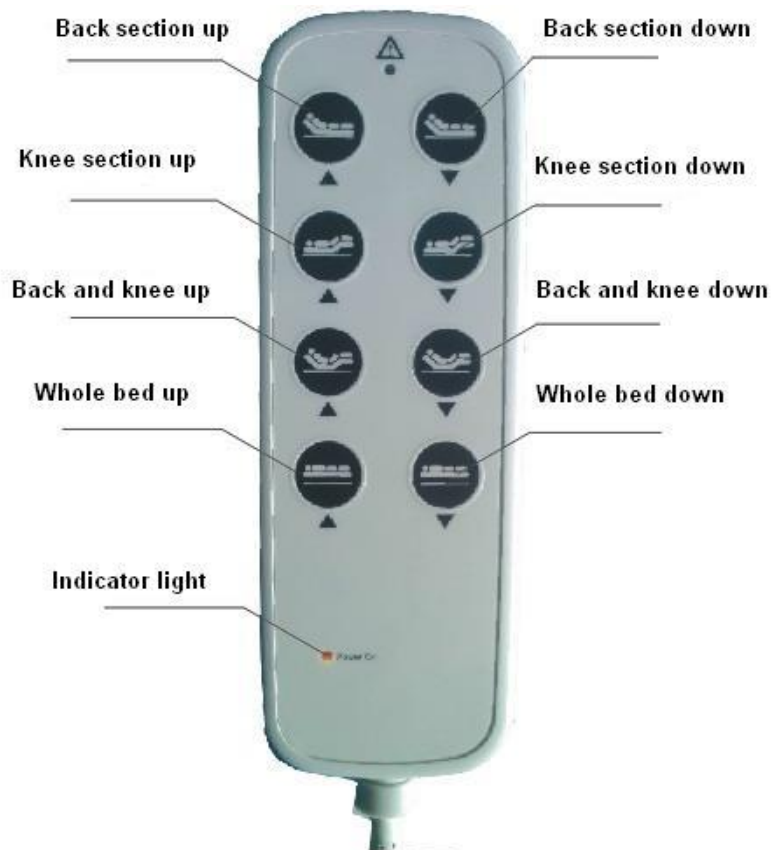


2.3 Bed parameter

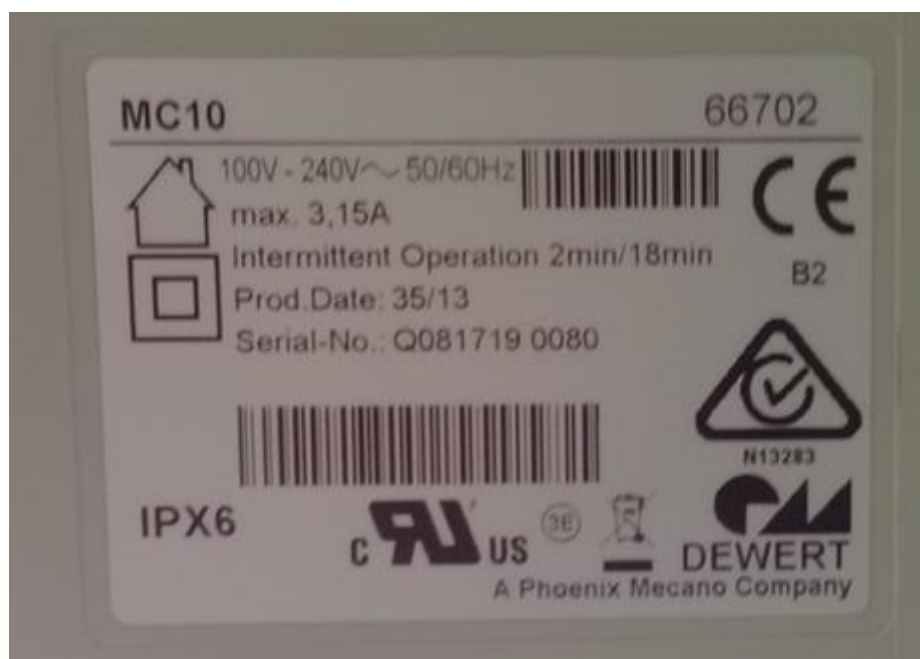
Serial No.	Item		Unit	Parameter
1	Mattress support platform	Length	mm	1850
		Width		900
		Lowest to floor		480
2	The mattress support platform up and down distance			250
3	Overall size	Length		2200
		Width		950
		Highest height		720
4	Angles	Back（α）	/	0°-70°
		Leg（β）		0°-30°
5	Weight	Safe Working Load	kg	175 kg
6	Electricity	Voltage	V	230V 50Hz~60Hz
		Power	W	200W
7	Operation mode		/	Continuing working 2 minutes then rest 18 minutes

2.4 Controller and control box

1) Controller aspect



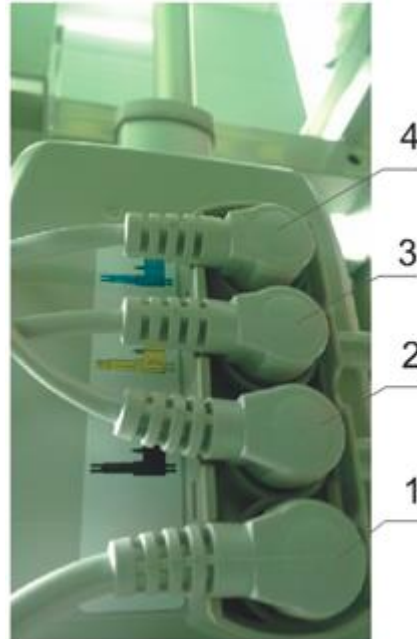
2) Control box label



3) Control Box wire connection

Wire connection methods:

1. Controller
2. actuator socket of head section
3. actuator socket of leg section
4. actuator socket of Hi-Lo adjustment



Notices: if the problems are judged initially from control box or battery backup. Don't open and repair it by yourself. Please contact the manufacturer or its authorized agents for service.

3. Bed function and operation

The electric bed is designed base on the safe and convenient use, the bed can be operated and adjusted different positions by the controller.

The main features including:

1. Back section up and down adjustment
2. Knee section up and down adjustment
3. Hi-Lo adjustment
4. Back and knee section up and down adjustment together



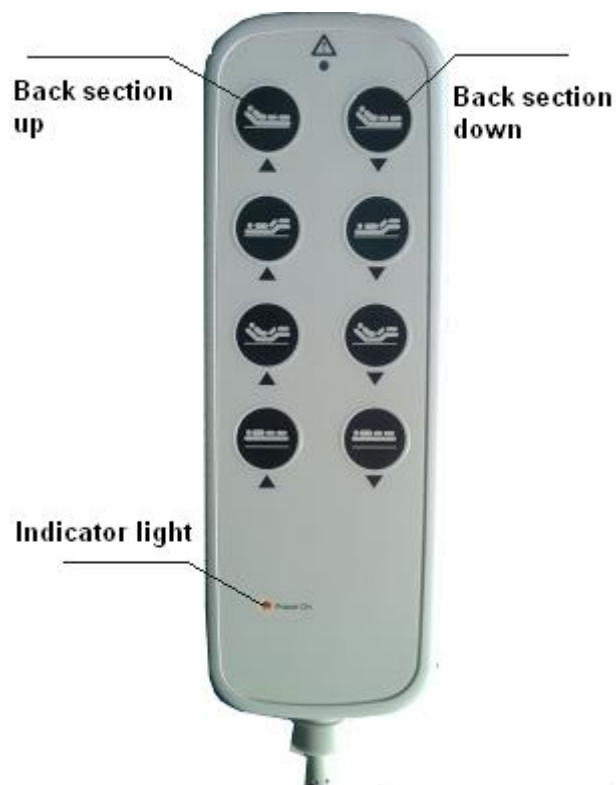
Notices:

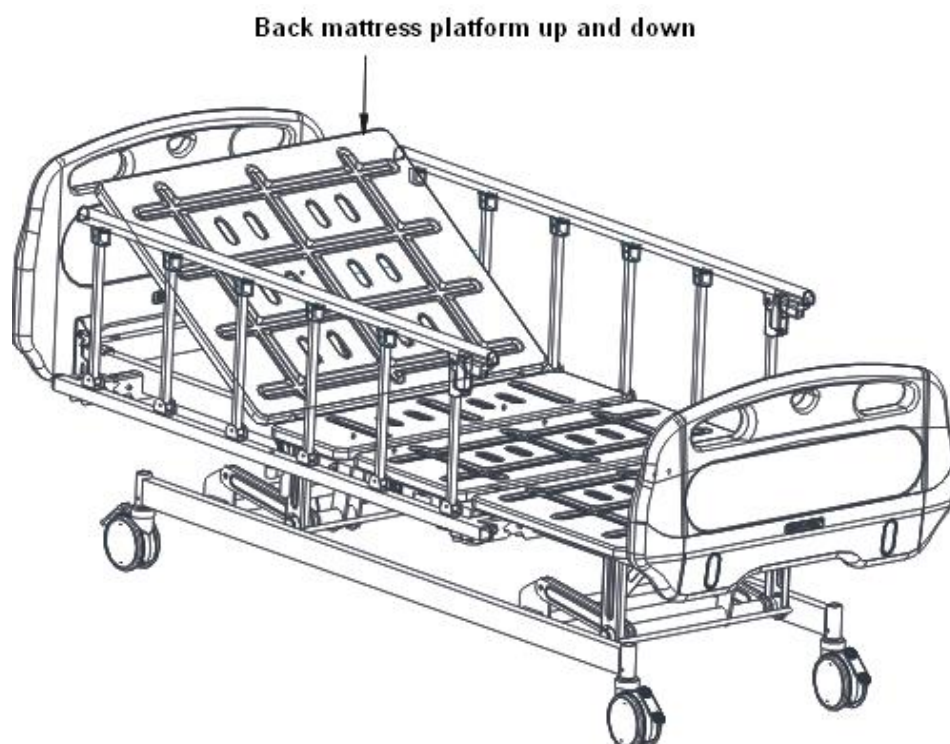
- Please stop to operate the bed when the bed is adjusted to the final distance/angle including the height or angle adjustment.
- Don't let other people sit on the bed board when adjust the bed, in order to avoid breaking the bed board because of the imbalanced force.
- Before operate the Hi-Lo adjustment, make sure there is no object under the bed.

3.1 Back section up and down adjustment

Operation:

- Press the back section up and down buttons, the back bed board can go up and down. Loose the buttons, the back bed board will stop movement.

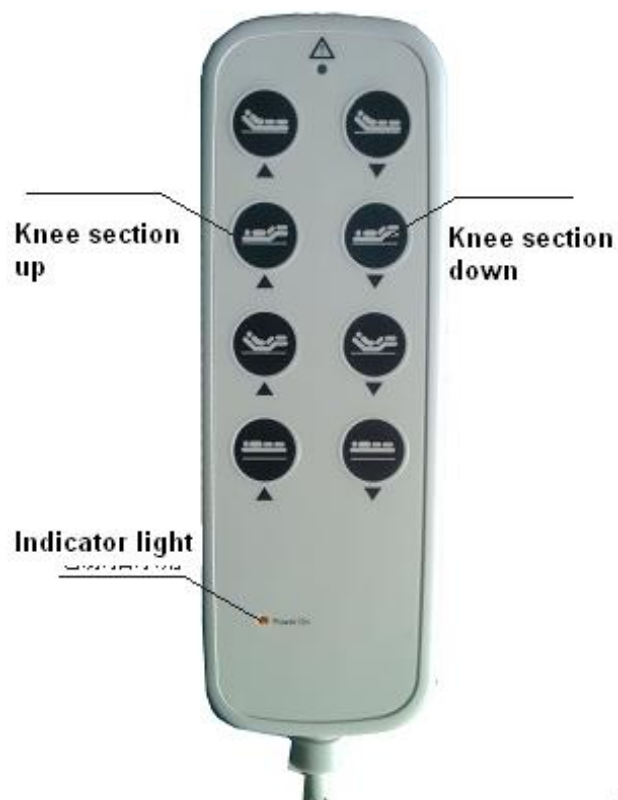


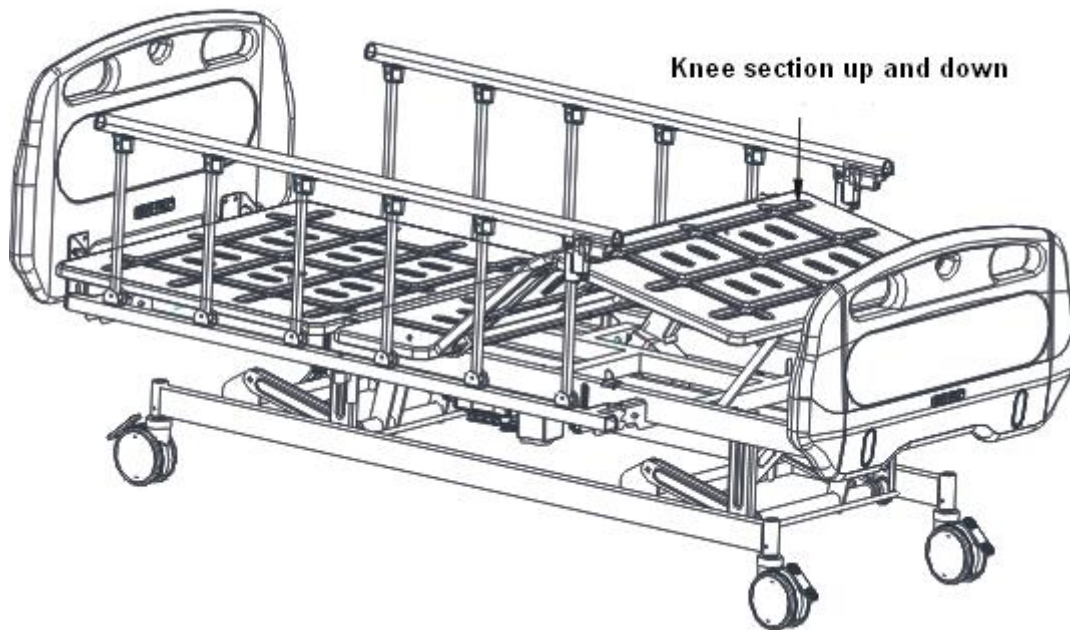


3.2 Knee section up and down adjustment

Operation:

- Press the knee section up and down buttons, the leg bed board can go up and down. Loose the buttons, the leg bed board will stop movement.

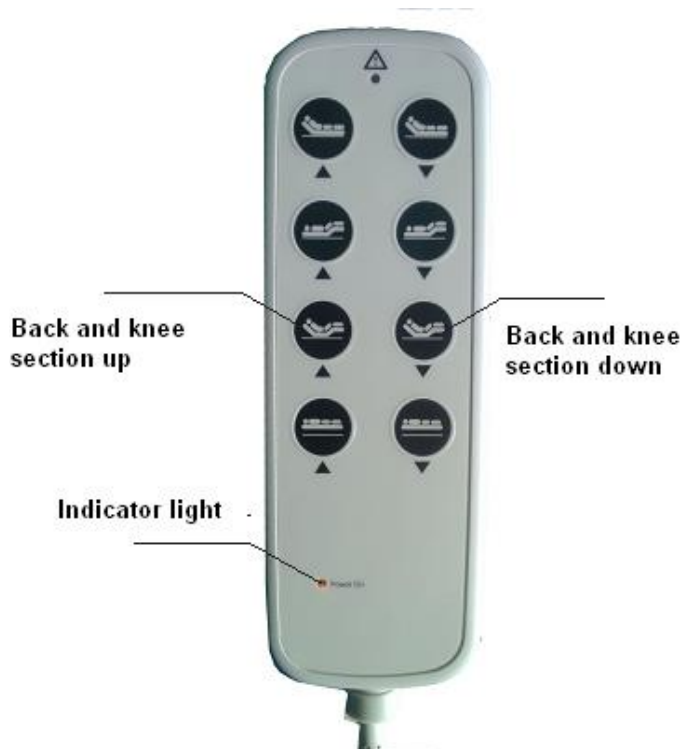




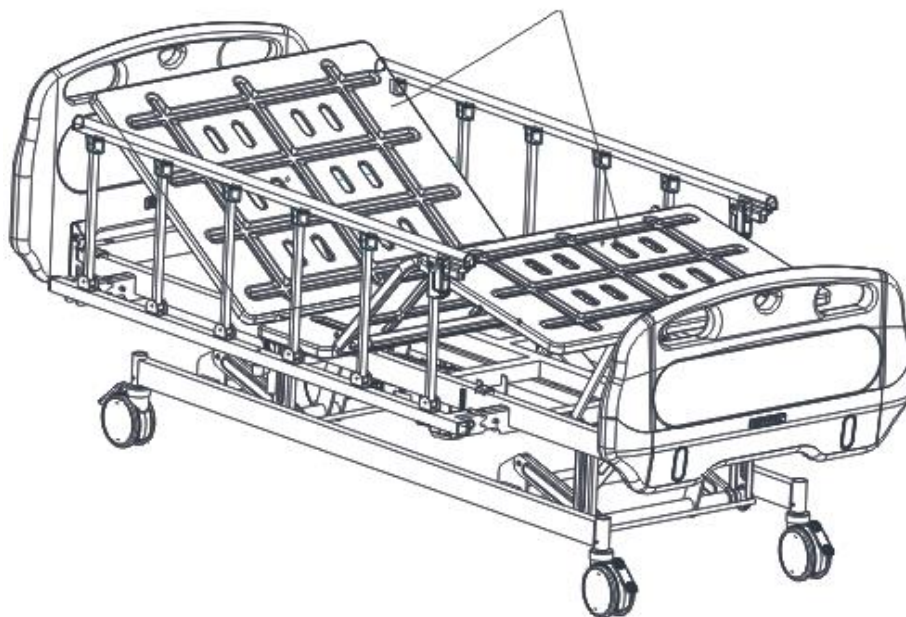
3.3 Back and knee section up and down together

Operation:

- Press the back and knee section up and down buttons, the whole bed can go up and down. Loose the buttons, the whole bed will stop movement and the indication light turns off.



Back and knee section up and down

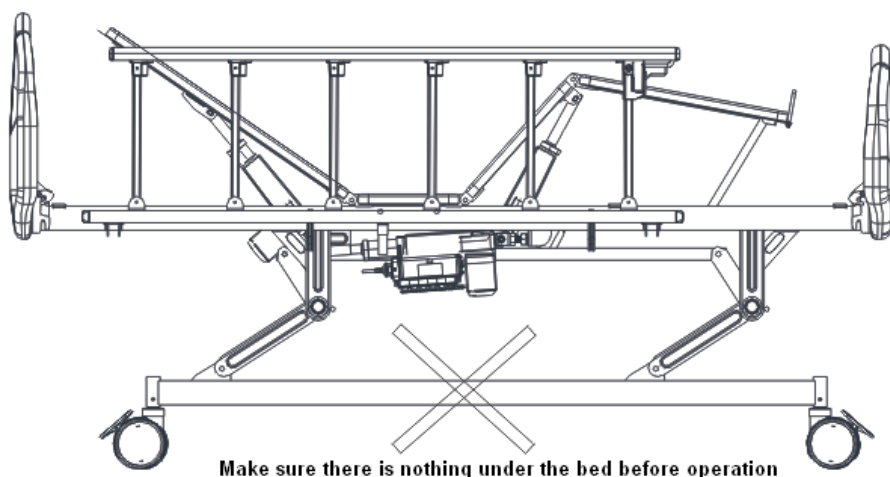


3.4 Hi-Lo adjustment



Notices:

- Before operate the Hi-Lo adjustment, make sure there is no object under the bed.



Operation:

- Press the whole bed up and down buttons, the whole bed can go up and down. Loose the buttons, the whole bed will stop movement and the indication light turns off.



4. Bedside rail operation



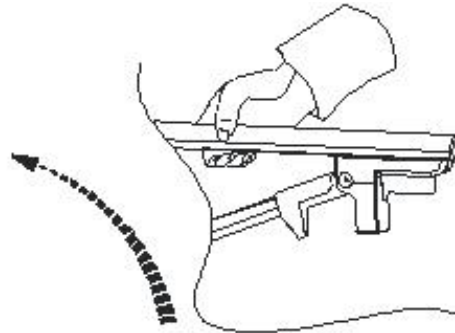
When patient is lying on the bed, please keep the bedside rails risen in order to avoid the patient falling from the bed to cause the accident.



When operating, please pay attention to whether there is barrier in the gaps between the bedside rails and bed frame, If yes, please remove it

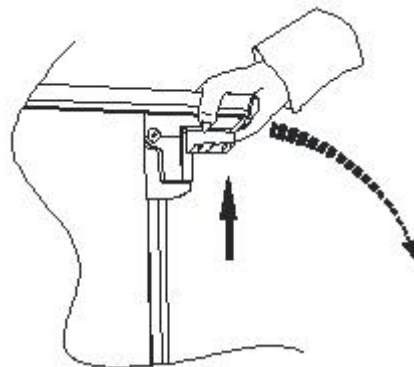
1) Bedside rail up

Catch the beam and lifting the bedside rail until heard sound “ka” means “locked”



2) Bedside rail down

Catch the switch handle and press purple switch, then slowly put down the bedside rail to the lowest place.



5. Castor operation

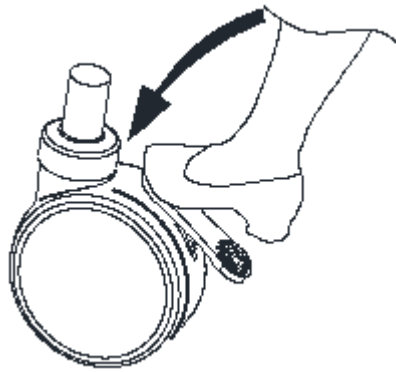


When there is patient on the bed, please lift up the bedside rails before moving the bed.

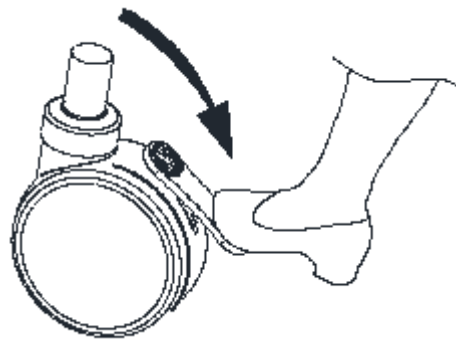


Before move the bed please release the brake, when the bed go to the required position, do remember to lock the castor, or else, it will cause the accident.

- 1、 Step on the upper brake to release the castor (Re. the picture as below)
- 2、 Step on the bottom brake to lock the castor (Re. the picture as below)

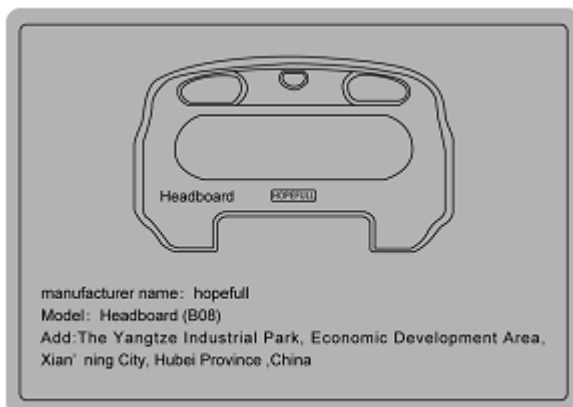


Release

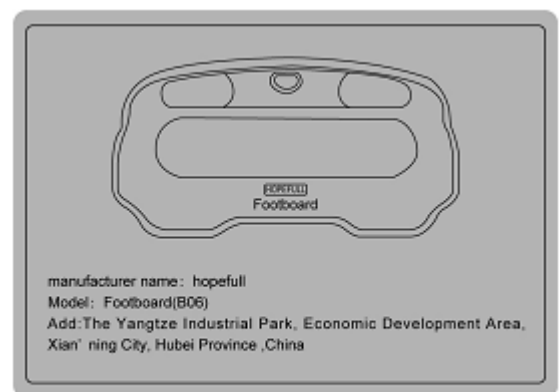


Lock

6 Head and foot panel installation and dismantle



Head panel



Foot panel

1) The head and foot panels installation:

Release the both plastic lock and lift up the boards.
(Re. the picture as below)



In order to avoid accidents make sure to lock well the metal hooks of head and foot panels.

2) The head and foot panels dismantle:

Release the plastic lock and justify the both side's metal pins, fix and lock the panels automatically.
(Re. the picture as below)



7. Cleaning and disinfection

1) Cleaning with steam is prohibited

Notices: the products are not applicable to using “Spraying stream” cleaning machines or high pressure and high steam to clean. During the cleaning, do not use the water to sprinkle the beds directly, especially for the electrical parts.

2) Plastic part cleaning

1. For cleaning completely and convenient checking after cleaning, please lift up the whole bed to the highest position, including back and leg sections.
2. Please take away the mattress and bedsheet, take off the power supply wire from the socket and wreath on the electric wire rack.
3. When cleaning, please wipe the bed with the wringed dry cloth which has been dipped into the diluted neutral scour, then dip the clean cloth into the clean water and wring dry to wipe away the residual scour, finally dried with clean dry cloth.
4. Please do not use volatile chemicals to clean, such as thinner, volatile liquid, gasoline and so on. Or else it will cause the materials to change colors or the quality deteriorative change.

3) Bed disinfection

1. When disinfection, please use the below disinfectant which has been diluted with the appointed proportion to disinfect.

0.05-0.2% ammonium chloride disinfectant

0.05-0.2% chlorophenyl disinfectant

0.05% chlorhexidine liquid

2. According to the difference of the disinfectant, there may make the metal

parts corrupted or the plastic parts turned colors, quality deteriorative change, split, so please use the above recommended disinfectors.

3. Please confirm well the ingredients of the disinfectant before disinfection.
4. After finish disinfection, please wipe away the disinfectant.
5. Don't use the Ozone machine and autoclave as disinfectors for the bed.

4) Cleaning of the actuator, controls and control box

1. When cleaning, please wipe the bed with the wringed dry cloth which has been dipped into the diluted neutral scour, then dip the clean cloth into the clean water and wring dry to wipe away the residual scour, finally dried with clean dry cloth.
2. Please do not use volatile chemicals to clean, such as thinner, volatile liquid, gasoline and so on. Or else it will cause the materials to change colors or the quality deteriorative change.

8. After-sales service contact information



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