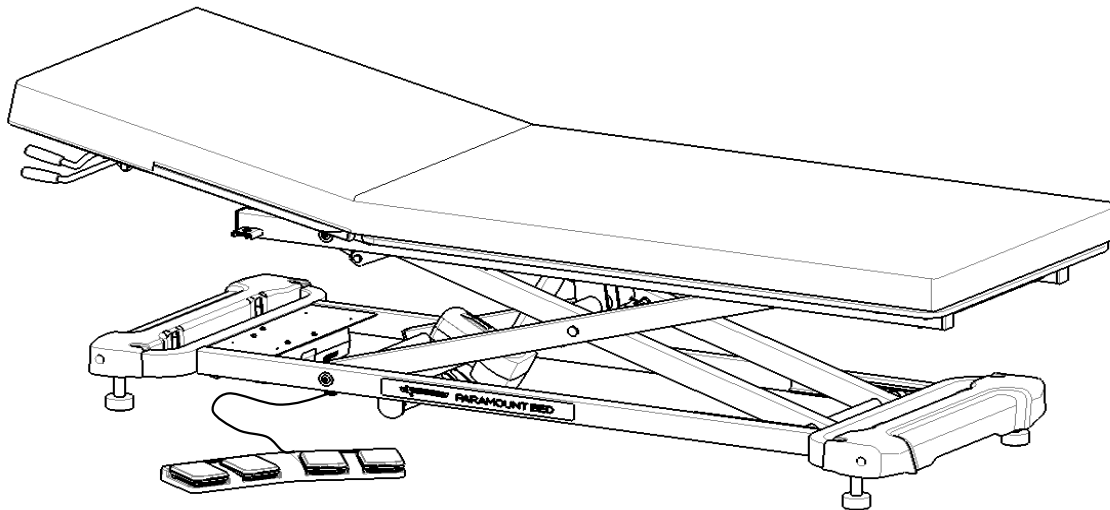


INSTRUCTION MANUAL

Electric Examination Table PC-510 Series

7B01010600A1



Preface

Thank you for purchasing the **PC-510 Series Electric Examination Table**. This instruction manual describes precautions and how to safely use and operate the Electric Examination Table.

- Before using this Electric Examination Table, please read this instruction manual to fully understand the safe and proper operating procedures.
- The actual product purchased may differ from detailed description given in this instruction manual due to product improvements.
- Values in the specification such as working range, dimensions, angles and mass are subject to normal manufacturing tolerances. Beside some exemptions, display purpose words such as “approximately”, “about” etc. are omitted.
- For any queries, please feel free to directly contact Paramount Bed or your distributor.
- After reading this instruction manual, store it in a place that can be easily accessed for later reference.

Users and/or patients are requested to report information about any serious incident that occurs within the EU to the regulating authority of the member country of residence.

Serious incident means any incident that directly or indirectly resulted in, may have resulted in, or may result in any of the following.

- Death of a patient, user, or other person
- Serious temporary or permanent adverse effects on the health of a patient, user, or other person
- Serious public health threat

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1 INTENDED USE / PART NAMES

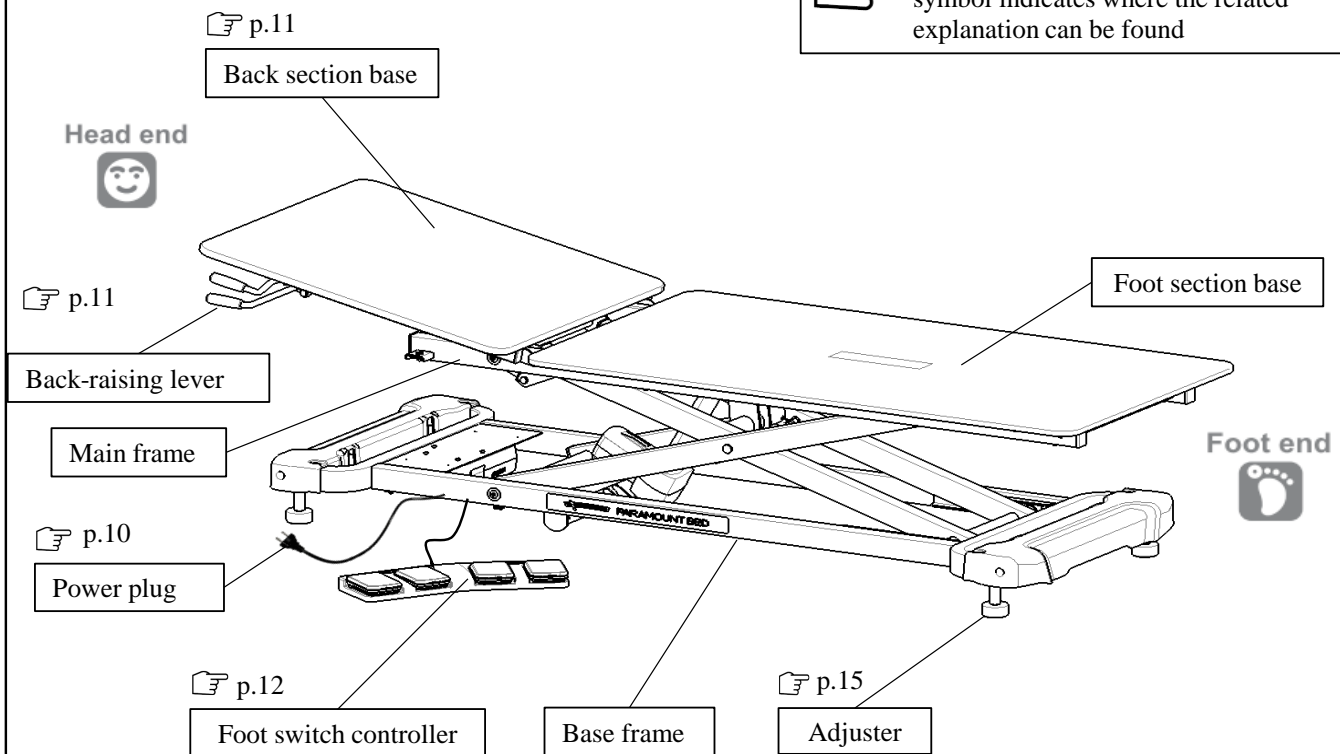
1. Intended use

■ This Electric Examination Table is designed to support the patients undergoing examination and procedures in hospital examination rooms

2. Part names



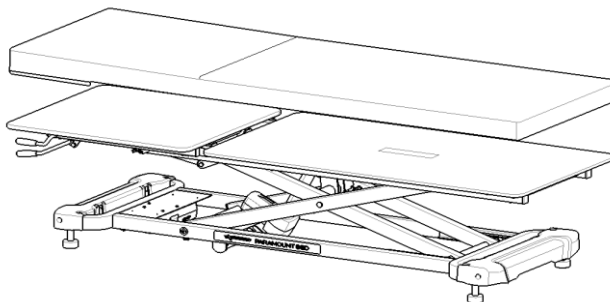
The page number shown next to this symbol indicates where the related explanation can be found



【Urethane Mattress】

p.10

Head end

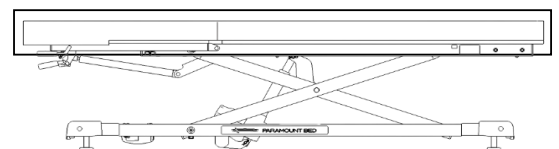


Foot end



【Applied part】




Part of ME EQUIPMENT that in normal use necessarily comes into physical contact with the patient for ME EQUIPMENT to perform its function.



2 SAFETY PRECAUTIONS

■ **Be sure to read these safety precautions beforehand to ensure proper usage.**

- The safety precautions described here are intended to ensure safe use of the product and prevent personal injury and property damage. Precautions are classified as “WARNING”, “PROHIBITED” and “CAUTION” to indicate the degree of hazard or injury that may result from improper use. **These are important safety precautions that must be strictly observed.**

 WARNING	Indicates actions that may result in death or serious injury (broken bones, pressure or paralysis) if the indication is ignored.
 PROHIBITED	Indicates prohibited actions.
 CAUTION	Indicates actions that may result in light personal injury (bruises, wounds, or cuts) or property damage if the indication is ignored.
Among items described in SAFETY PRECAUTIONS, are especially important because ignoring them could result in serious life-threatening accidents. Be sure to read these notes and use the product safely and properly. Be especially careful to check patients who might act in unexpected ways or cannot maintain their posture independently.	

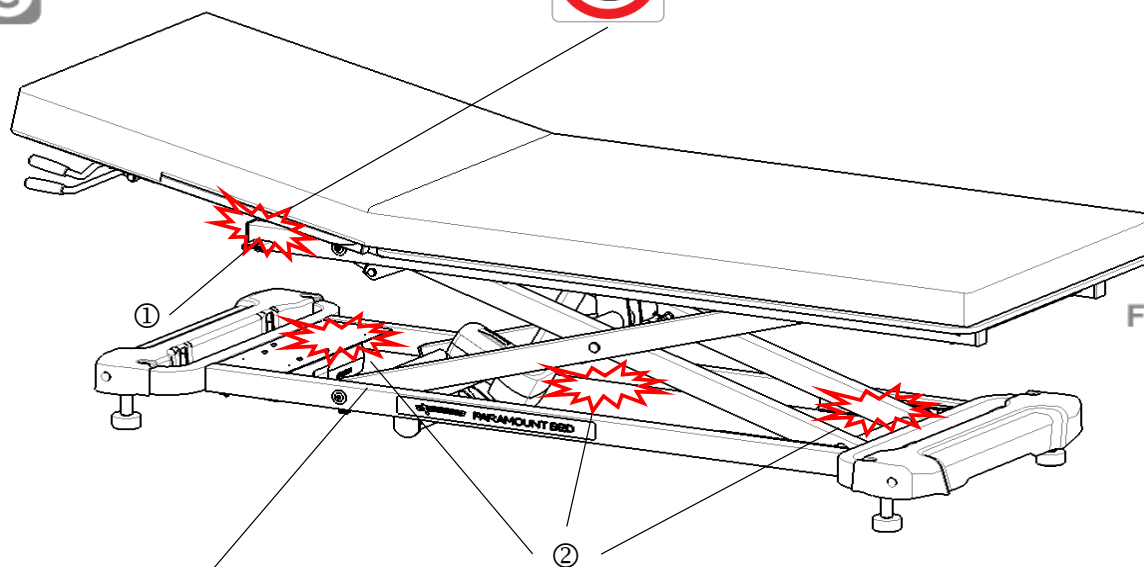
※ After reading this instruction manual, store it in a place that can be easily accessed for later reference.

! WARNING

■ **Be careful not to allow any part of the body (especially the head or neck) to slip into the gaps between the moving parts shown below.**

- Be especially careful to check patients who might act in unexpected ways or cannot maintain their posture independently.

Head end



Foot end



- ① Gap between backrest and main frame when lowering back section base.
- ② Gaps between main frame and base frame when lowering the height.

■ **Check the patient's condition when adjusting the base angle or the height.**

- If the patient on the examination table moves when the base angle or bed height is adjusted, the patient may fall off the table or get caught in the gaps, resulting in injury.

■ **Be careful not to allow any part of the body to enter the gap between the table and wall or surrounding obstacles.**

- There is a risk that a part of the body may get caught, resulting in injury.

2 SAFETY PRECAUTIONS

WARNING

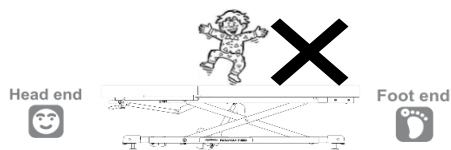
■ When operating the examination table, take note of surrounding people or objects, as well as the lines connected to the patient.

- Crawling under the examination table, or putting the head, hands, or legs under it could cause them to get caught in the gaps between the moving parts of the table (such as the base frame and backrest, etc.), resulting in injury.
- Sitting on the examination table with legs hanging on the base frame could cause them to get caught, resulting in injury.
- Lines could be pulled or pinched by the examination table, causing injury to the user or the lines or devices could be damaged.
- The examination table operations may damage surrounding objects, or may cause the table to be damaged or deformed.

■ When leaving the examination room or temporarily taking your eyes off the patient, check the backrest angle and the height.

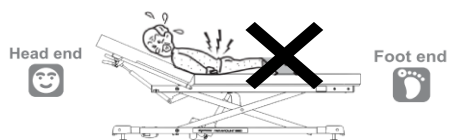
- If a nurse, or caregiver leaves the examination room or temporarily takes their eyes off the patient, flatten the backrest angle and set the height at the lowest position according to the patient's condition because there is a slight chance that the patient could fall off the table.

■ Do not shake the examination table or stand on it



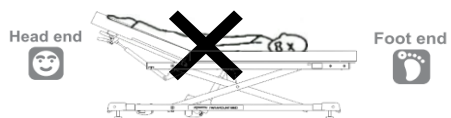
- There is a risk of injury due to falling off or falling down from the examination table
- These actions may lower stability and the examination table could tip over, resulting in injury or damage

■ Do not perform any angle adjustment when the patient is lying face down or on their side (in any posture other than lying face up).



- There is a risk of injury caused by extending the joints backward.

■ Use the table in the correct orientation.



- Lying down on the table with the feet at head end and the head at the foot end induces an unnatural posture during table operation (backrest angle) which may result in injury.

■ Do not allow operation by a person deemed incapable of understanding the operation (a child aged 12 or under or a person with dementia)

- There is a risk of unexpected injury by mistake.

■ Check the patient's condition when adjusting the base angle or the height.

- If the patient on the examination table moves when the base angle or bed height is adjusted, the patient may fall off the table or get caught in the gaps, resulting in injury.

■ Be careful not to allow any part of the body to enter the gap between the table and wall or surrounding obstacles.

- There is a risk that a part of the body may get caught, resulting in injury.

WARNING

■ **Do not spill liquid on the table.**

- Do not spill liquids on the table's electrical components, such as the connector for foot control switch, and handheld controller. The table may malfunction resulting in injury or may be damaged due to a short circuit.
- If liquid is accidentally spilled on the table, disconnect the power plug from the outlet and wipe off the liquid. Dry the table completely and make sure that the table operates safely before use.

■ **Do not place the bed in a strong electromagnetic environment such as an MRI.**

- The table may operate abnormally, resulting in injury or in damage to the table.

■ **When using suitable products directly attached to the table, use products suitable for the table specified by Paramount Bed.**

- The use of products other than the specified ones or those from other companies may create unintended gaps, cause contact between products, or lower stability, resulting in injury or failure of the table.

■ **Keep the table away from fire.**

- Do not use heating appliances such as heaters near the table. This may cause deterioration, deformation, or fire.

■ **Do not use a mobile phone or other wireless device in the vicinity of the examination table.**

- It could cause the examination table to malfunction or affect other medical equipment.

■ **Be careful not to trip over the power cable.**

- The power plug or cables may be damaged, resulting in electric shock or fire.
- You may fall over and injure yourself.

■ **Do not run cables (such as the power cable) of the table or other electrical appliances under the table.**

- The cables may get caught in casters or moving parts and be damaged, resulting in electric shock or fire.

■ **Do not apply excessive force to the power plug.**

- The power plug may be damaged, resulting in electric shock or fire.

■ **When disconnecting the power plug, hold the power plug.**

- If you hold only the power cable when disconnecting the power plug, the cable may be damaged, resulting in electric shock or fire.

2 SAFETY PRECAUTIONS

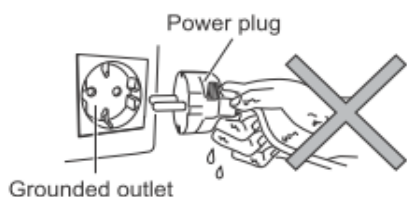
WARNING

■ Do not allow dust to accumulate on the power plug.



- Dust on the power plug can absorb moisture and conduct electricity, resulting in a short circuit, electric shock, or fire.
- Use a dry cloth to wipe away any dust that accumulates on the surface of the power plug.

■ Do not connect or disconnect the power plug with wet hands.



- There is a risk of electric shock or failure due to a short circuit.

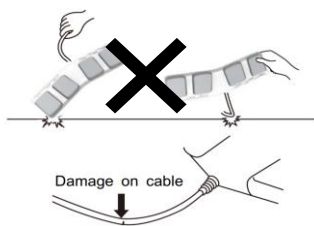
■ Be sure to disconnect the power plug off before performing maintenance.

- The table may operate due to unintended operation, resulting in injury.

■ Do not damage the cables (such as the power cable).

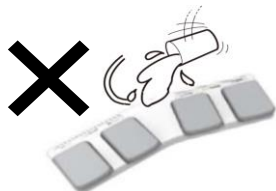
- The cables may be damaged, resulting in electric shock or fire.
 - Be careful to prevent cables from getting caught in the moving parts of the table.
 - Do not place heavy objects on cables or apply excessive force to them.
 - Do not place the examination table on a cable.
- Request repair (or replacement) of damaged cables.

■ Take care when handling electrical parts such as the foot control switch.



- The examination table may malfunction, resulting in injury or failure. There is also a risk of electric shock or fire.
 - ☐ Do not bump or damage electrical parts.
 - ☐ Do not drop electrical parts or forcibly pull the cables.
- Request repair (or replacement) of electrical parts such as the foot control switch if they are damaged.

■ Do not spill liquids on the product.



- Do not spill liquids on the foot control switch. This could cause a short circuit resulting in electric shock or failure. If liquids are accidentally spilled on the product, disconnect the power plug from the outlet and contact Paramount Bed (see Contact Information on p. 33) or your distributor.

WARNING

- When the patient moves to the examination table from the bed or stretcher so as not to hit the foot switch and another examination table

WARNING

■ **Inspect the examination table regularly.**

- The product exhibits wear and deterioration according to the frequency and conditions of use. Inspect for loose parts, the operation of moving parts on the table, and the presence of damage regularly. There is a risk of unexpected injury.

■ **Do not repair or modify the product or its components.**

- This may create unintended gaps or may cause abnormal operation, resulting in injury.

■ **Request inspection or repair of a damaged table.**

- If the examination table is damaged in an earthquake, fire, flood, or any other incident, contact Paramount Bed or your distributor for inspection or repair. Otherwise, there is a risk of electric shock or fire due to a short circuit or current leakage from electrical components, or injury due to malfunction caused by deformation of the examination table.

■ **Do not apply more than the safe working load on the examination table.**

- The examination table could be damaged, possibly causing injury. The safe working load of this examination table is 1,667N (170kgf). The safe working load is the maximum load with which the examination table can be operated safely and is the total load of the user's weight and incidental items including optional parts.

■ **The examination table should not be used by two or more persons.**

- This examination table is designed for use by one person. When used by two or more persons, the table could be damaged, possibly causing injury. The maximum user weight allowed on the examination table is 150kg.

■ **Do not place the examination table on the inclination which angle is 6 degree or more.**

- The table may tip over, resulting in injury.

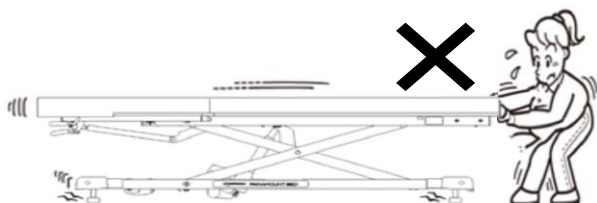
■ **Keep away from heat or fire**

- Do not use thermal appliances such as heaters near the table. Otherwise, the examination table may be damaged or deformed, or even catch fire.

■ **Do not spray a spray-type insecticide directly on the examination table.**

- There is a risk that the solvents contained in the insecticide may damage, discolor, or other resin parts of the examination table. Check for damage caused by the insecticide because damaged or dissolved parts may cause unexpected injury.

■ **When moving the examination table, make sure it is lifted by at least two persons.**



- Dragging the examination table may scratch the floor or damage the examination table.

■ **When moving the examination table, hold the base.**

- Moving it by holding any part other than the base may cause damage or deformation.

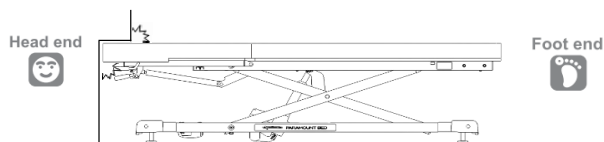
■ **Do not move the examination table with any objects placed on it.**

- The objects may fall, resulting in injury or in damage to the object.

2 SAFETY PRECAUTIONS

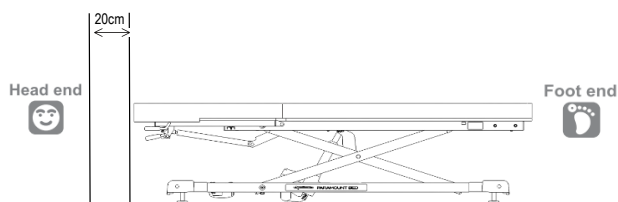
CAUTION

- When adjusting the height or inclination angle, make sure that the table does not hit a wall, beam, or power outlet on the wall.



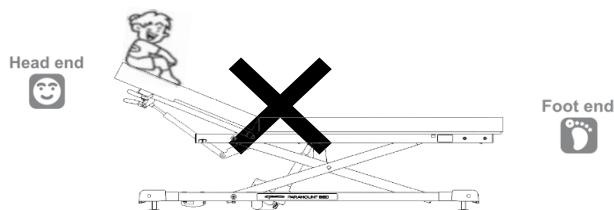
- The examination table, wall, or floor may be damaged or deformed. Make sure that the table does not hit a wall, beam, or power plug during height or inclination angle adjustment.

- When setting up the bed, allow at least 20cm clearance from the wall.



- The main frame moves back and forth during height adjustment or inclination angle adjustment and may hit a wall, resulting in damage or deformation of

- Do not get on the backrest when it is raised.



- This applies excessive force to the support of the backrest, resulting in damage or deformation of the backrest.

- Do not directly put items having a cooling function such as an ice pack or refrigerant on the examination table.

- If the examination table is cooled, condensation could occur inside. The urethane foam could deteriorate due to condensation. Clean the examination table when it gets wet

- Be careful about color transfer onto leather

- If there is contact for a long period of time with newspapers, printed matter, plastic products, or items that use colorant, there is a risk of discoloration, color transfer, or deterioration.
- Note that color transferred on to leather cannot be removed.

- To avoid possible malfunctions, avoid installing in the following locations.

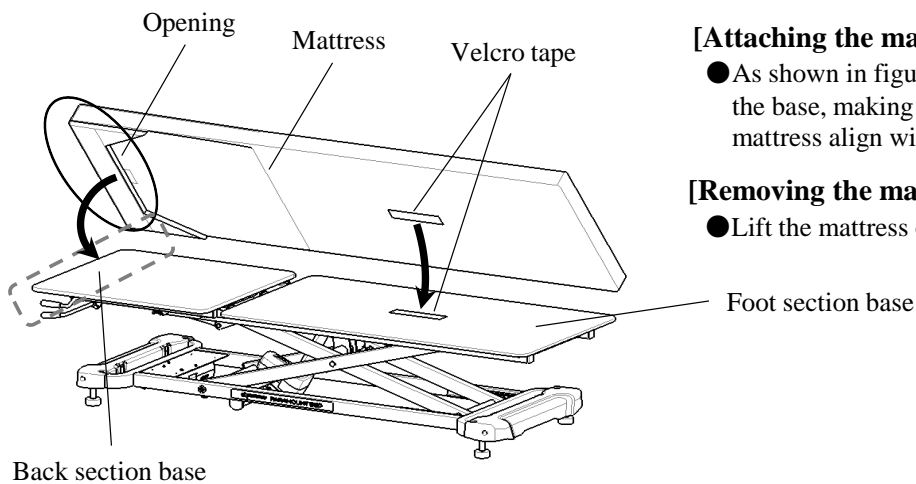
- Locations exposed to direct sunlight
- Locations exposed to cool or warm air from an air conditioner
- Locations exposed to excessive water or oil vapor
- Locations exposed to high temperature or humidity, low temperature, and dryness
- Locations with a large amount of dust, smoke, salt, sulfur, or corrosive substances
- Locations with poor ventilation
- Locations exposed to vibration and shock
- Locations where the floor is not flat
- Locations where the floor is not strong enough

3 PREPARING THE TABLE

1. Mattress

WARNING

- Do not use the examination table without any mattress being installed. Fingers or toes may get caught in gaps, resulting in injury.
- Be sure to use the suitable mattress specified by Paramount Bed. Using other mattresses may create unintended gaps, cause interference between products, or lower the product safety, which may result in injury or operational failure.



[Attaching the mattress]

- As shown in figure, place the mattress on the base, making sure the Velcro tape on the mattress align with the Velcro tape on the base.

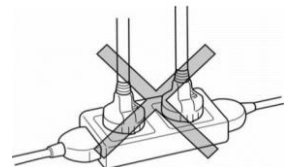
[Removing the mattress]

- Lift the mattress off the base

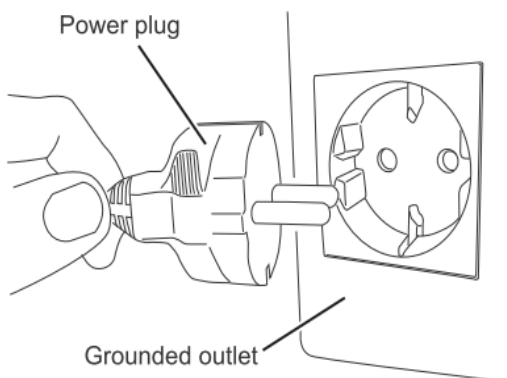
2. Power supply

WARNING

- Do not connect multiple cables to a single outlet. If other electrical equipment is plugged into the same outlet and the rated capacity of the outlet or extension cable is exceeded, the power cable and plug may overheat and cause fire.



<Outlet>



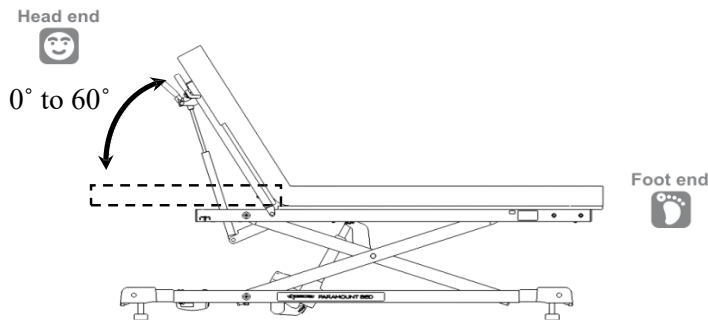
- Use a properly wired grounded outlet for each table that meets the power consumption requirements of the table. Also, firmly insert the power plug into the outlet.
- When installing the examination table, place it where connecting and disconnecting the power plug will not be blocked.
- After use, disconnect the power plug from the outlet.

4 FUNCTIONS AND OPERATIONS

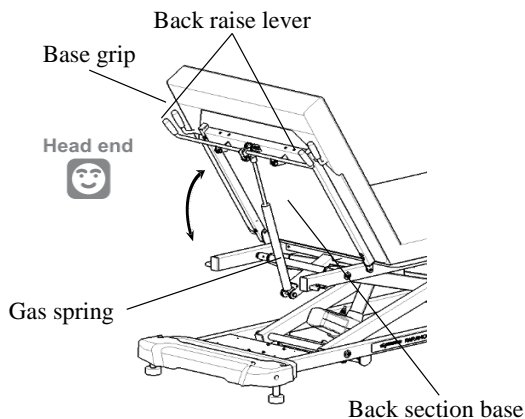
1. Functions

WARNING

- Do not allow the patient to get on or off the table while the bed is tilted. There is a risk of injury due to the patient falling down. Tilting the table must only be performed under the observation of a doctor or nurse.
- Make sure that no body part (especially the head or neck) is placed in the gap between the back section base and the frame when operating the back raise lever. The body part may get caught, resulting in injury.



- The back section base can be adjusted from an angle of 0° to 60° by using the back raise lever

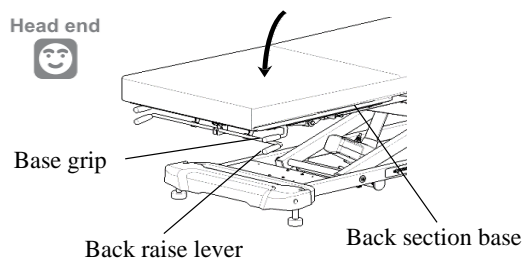


[Raising the back section]

- Grasp the back raise lever together with the base grip, and raise the back section base. The back section base is fixed at the position at which the hand is removed from the back raise lever

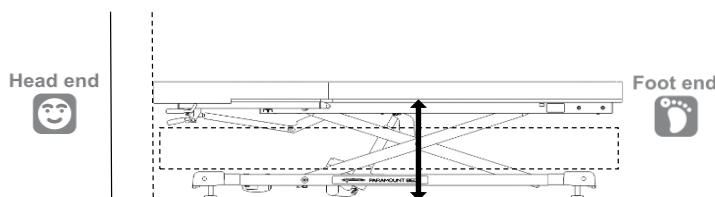
CAUTION

- Be careful when raising the back section base, it may rise swiftly, resulting in injury. Be even more careful when the patient is not on the bed



[Lowering the back section]

- While supporting the back section base with one hand, grip the back-raising lever together with the base grip and use your fingers to pull up the lever to lower the back section base. The back section base is fixed at the position at which the hand is removed from the back-raising lever.



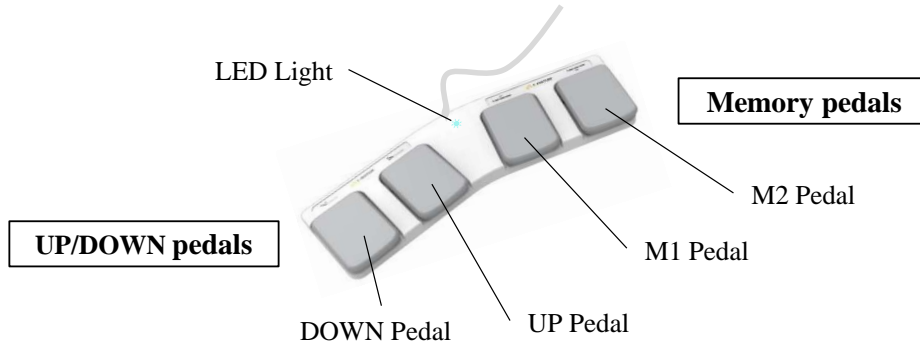
[Height adjustment]

- You can adjust the height. You can adjust the height from the floor to mattress base top from 43cm to 77cm.
*The height including the mattress is from 51cm to 85 cm

2. Foot Control Switch

The height of the examination table can be adjusted with no increments within the range of 51 to 85 cm. Furthermore, a frequently used height can be preregistered to memory to enable automatic raising/lowering to the corresponding memorized height with a single pedal operation.

■ Foot control switch part names



■ UP/DOWN pedals operation procedure

The UP/DOWN pedals can be used to adjust the height of the examination table with no increments within the range of 51 to 85 cm.

Raising	Lowering
<p>The examination table rises while you step on the UP pedal. It stops when you remove your foot</p> <p>UP Pedal</p> <p>85cm</p> <p>The height from the floor to the mattress top can be raised to 85cm.</p>	<p>The examination table lowers while you step on the DOWN pedal. It stops when you remove your foot</p> <p>DOWN Pedal</p> <p>51cm</p> <p>The height from the floor to the mattress top can be lowered to 51cm.</p>

* If any pedal of the foot control switch is stepped on during raising/lowering, the examination table stops rising/lowering

⚠ WARNING

- Before performing the lowering operation, check that there is no body part, such as a hand or foot, or object under the base. There is a risk of an injury due to getting caught or damage to the examination table or an object. Pay particular attention to the positions of the hands of a patient who is lying face down.
- Do not place and operate the foot control switch on the base cover. There is a risk of a foot getting caught during the lowering operation, resulting in injury.
- The examination table should be operated by medical personnel

⚠ CAUTION

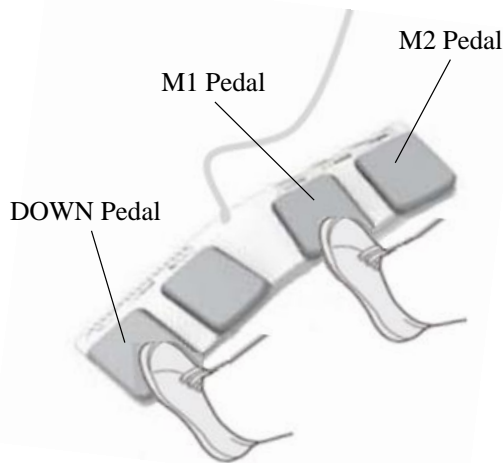
- When using an optional parts, check that an obstacle will not be hit during raising. There is also a risk of damage to the examination table or optional parts.

4 FUNCTIONS AND OPERATIONS

■ Memory pedal operation procedure

Any height can be registered to memory for each of the M1 pedal and M2 pedal. This allows automatic raising/lowering to the corresponding height with a single pedal operation.

Memory position setting procedure



- ① Use the UP/DOWN pedals to set the height you wish to register to memory.
- ② Memory Registration Method
 - M1 : Press the M1 button and then the DOWN button for more than 1 second.
 - M2 : Press the M2 button and then the DOWN button for more than 1 second.

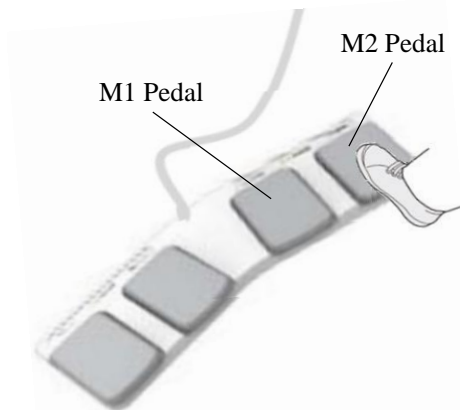
(The sequence of pressing the switch button when registering memory is the M1 or M2 button and then the DOWN button. Pressing the DOWN button first will not be recorded).

*Initialize the memory of the foot switch.

Press and hold M1 and M2 at the same time for 3 seconds or more.

*Value of the foot switch memory is M1: highest (51 cm) and M2: lowest (85 cm) at the time of shipment.

Lowering/raising to a memory position



Step on once and then remove foot from pedal.

- Step on a pedal once and then remove your foot from it. Raising/lowering to the set height is performed automatically.

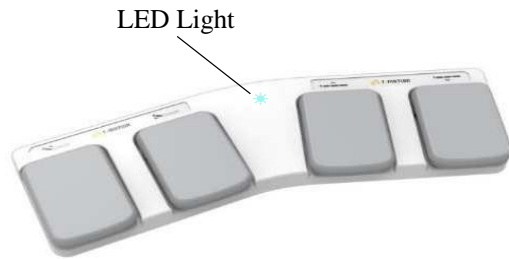


- If you continue stepping on a memory pedal for a long time (2 seconds or longer), raising/lowering to the set memory position is not performed.






Stopping lowering/raising to a memory position

- Operation stops if you step on any pedal of the foot control switch during raising/lowering by memory pedal operation. To perform another operation, first remove your foot away from all of the pedals and then step on the foot control switch pedal for the operation you wish to perform.

■ The footswitch LED lighting pattern



LED lights up and flashes under the following conditions :

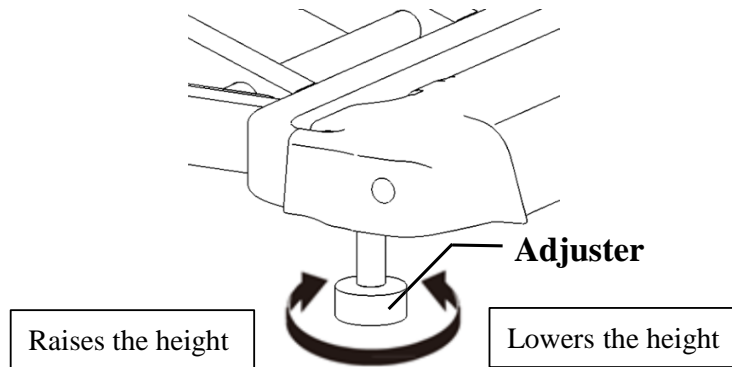
- ① Indicates LED lamp the standby status.
Light Off  : Bed is normal condition and ready to used.
- ② Indicates LED lamp the Up and Down status.
Light On  : When the pedal is pressed Up  or Down 
- ③ Indicates LED lamp the automatically status.
Light On  : Operation automatically ascending/descending when pressing pedal M1 and or press pedal M2.
- ④ Operation reset is completed indicator LED lamp.
When lower limit reset is completed the light will flasher the 3 times.
- ⑤ When memory M1 registration is complete the lights up once.
- ⑥ When memory M2 registration is complete the lights up twice.
- ⑦ When initializing the footswitch memory the light will flash 3 times.
- ⑧ When duty over protected the light blinking at a slow cycle.
- ⑨ When hall signal anomaly the light fast flashing.

4 FUNCTIONS AND OPERATIONS

3. Adjuster

If the location where the examination table is installed is not flat, adjust the height with the adjusters.

- Adjust the height by turning the adjusters by hand. Turning them counterclockwise lowers the height and turning them clockwise raises the height.



CAUTION

- Do not use the adjusters for the purpose of raising the total height. There is a risk of injury due to the adjuster coming off or being damaged. Use the adjusters for the purpose of preventing the examination table from wobbling in a location where the floor is not flat

5 SUITABLE OPTIONAL PARTS

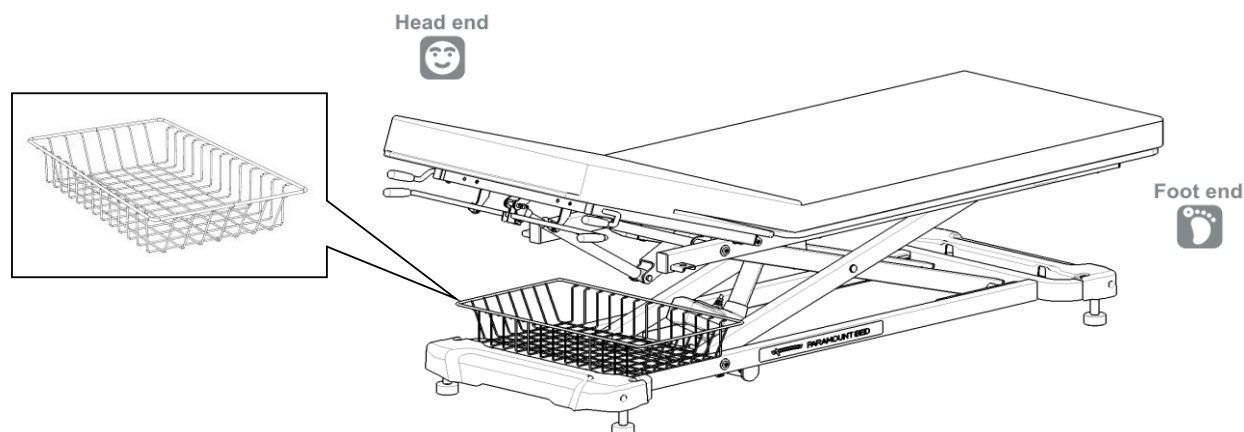
WARNING

- Use optional parts after confirming that the combination of optional parts is correct. Using an incorrect combination of optional parts may cause accidental injury. The model number of each optional parts is printed on the cardboard box and on the product ID label.
- Do not use other than the suitable products listed below. There is a risk of unintended gaps or damage or deformation of the optional parts product, possibly causing injury or damage or deformation of the examination table
- Be sure to read the instruction manual for each optional parts



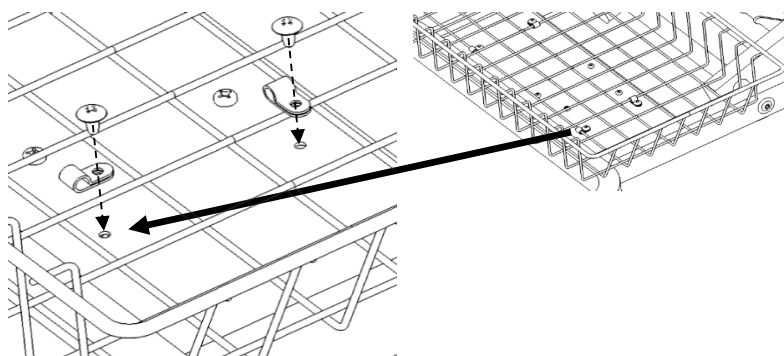
- Some of the descriptions in this instruction manual may differ from the actual product due to specification changes. For any inquiries, contact Paramount Bed (see Contact Information on p. 33) or your distributor.
- Recommend optional parts may differ due to specification changes or according to product combinations. For any queries, please feel free to contact Paramount Bed or your distributor.

1. Storage space big (PC-5129)



[Installing Storage space big]

- ① Place the Wire Basket on top of the Base frame
- ② Insert the screw into the clip hole and the base frame hole then tighten it as shown in the picture.



CAUTION

- When installing storage space big, make sure the power cable is not connected to an electric current
- There is a risk of injury from being pinched by the main frame

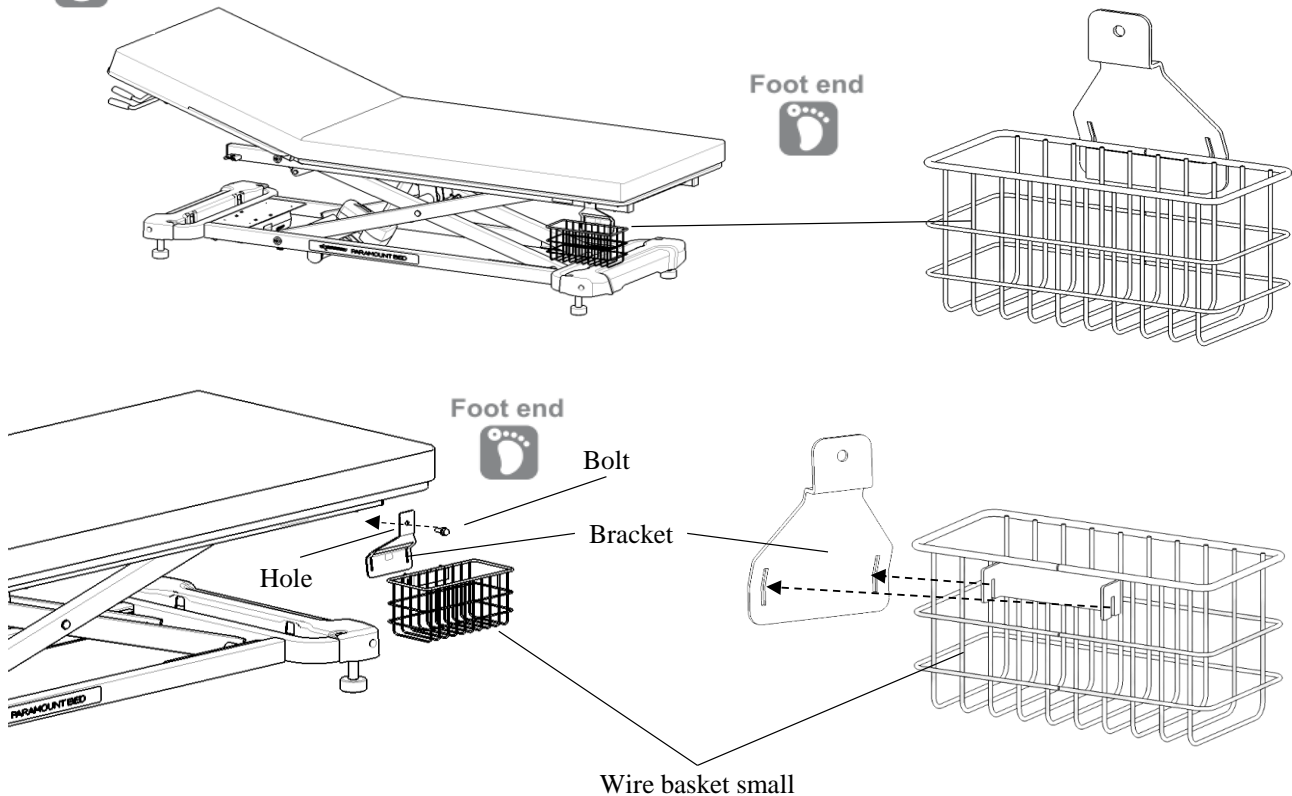
5 SUITABLE OPTIONAL PARTS

2. Storage space small (PC-5130)

Head end



Foot end



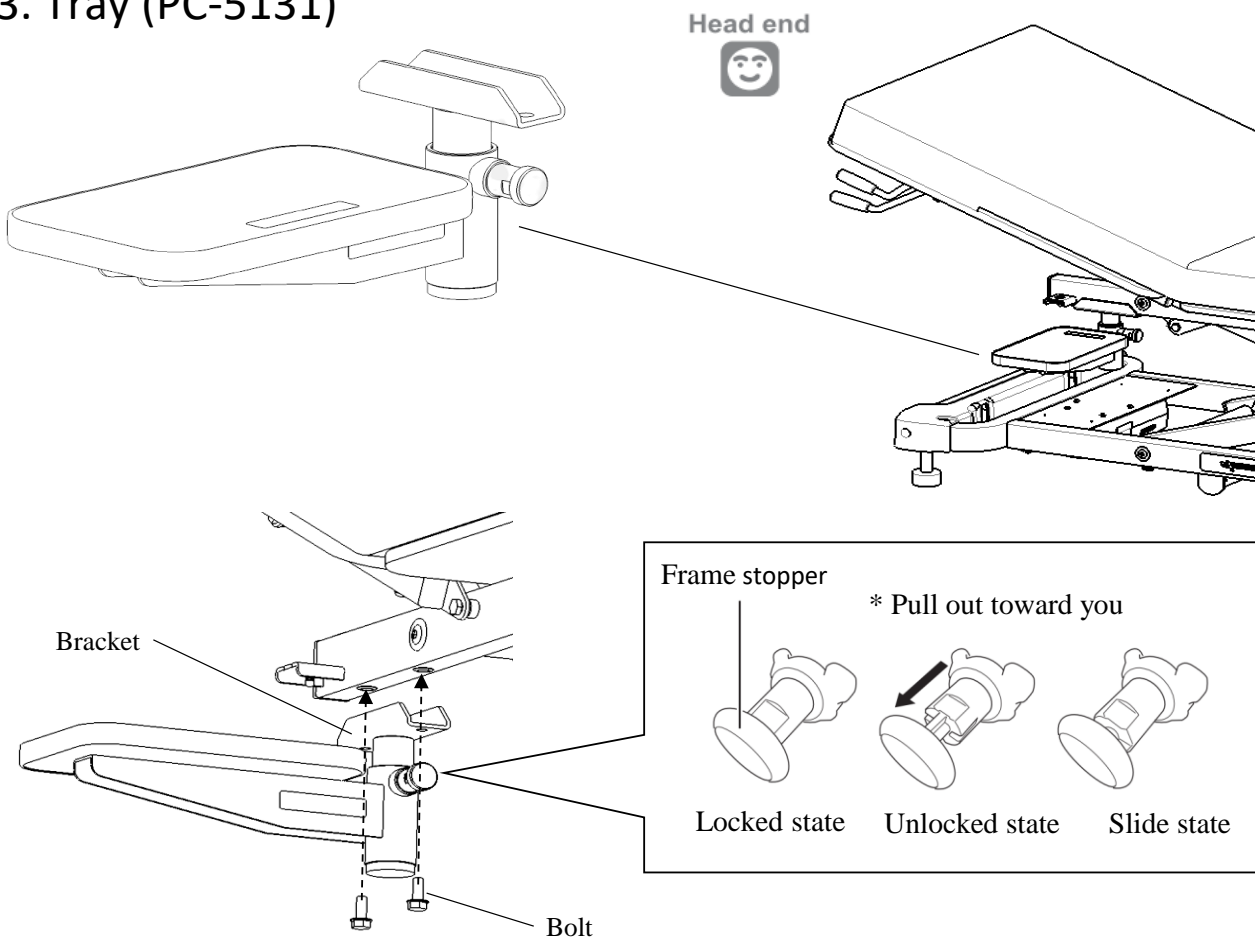
[Installing Storage space small]

- ① Insert the wire basket holder into the bracket hole, insert the holder into the hole as shown in the figure.
- ② Insert the bolts into the bracket holes and bolt holes on the main frame and tighten them.
- ③ Storage space small can be installed on both sides of the Electric Examination Table

CAUTION

- Don't get the wrong hole during installation, can exceed the mattress base
- Limbs can be injured by snagging

3. Tray (PC-5131)

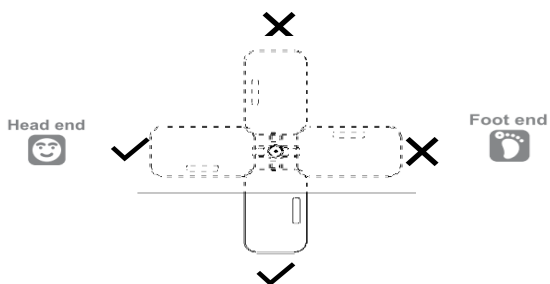


[Installing Tray]

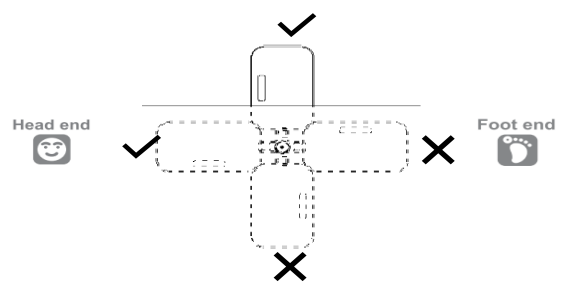
- ① Install the tray bracket and fix it using the bolt as shown in the figure.
- ② Small storage space can be installed on both sides of the Electric Examination Table
- ③ Pull the frame plug attached to the right outward and rotate it as well clockwise or anticlockwise to unlock.

⚠ WARNING

Right side positions



Left side positions



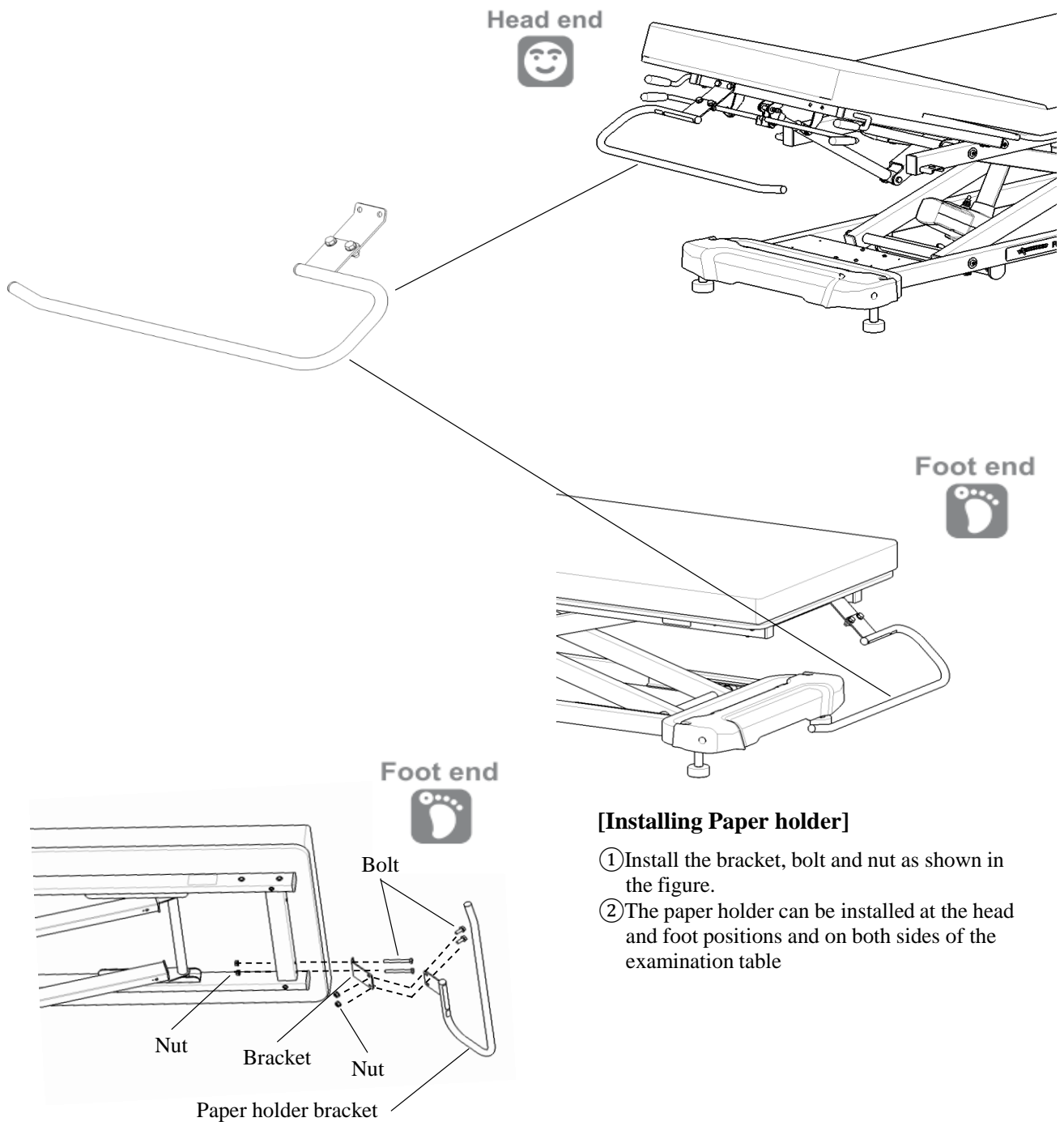
- Use the (✓) position in the image on the left. If used in position (X), the Tray may be squashed, resulting in injury.

⚠ WARNING

- Do not lean against Tray
It may be damaged, resulting in injury

5 SUITABLE OPTIONAL PARTS

4. Paper holder (PC-5132)



[Installing Paper holder]

- ① Install the bracket, bolt and nut as shown in the figure.
- ② The paper holder can be installed at the head and foot positions and on both sides of the examination table

⚠ CAUTION











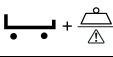










- When installed in the foot position, the installation may extend beyond the base of the mattress, limbs may be injured by snagging



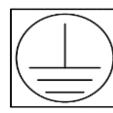






⚠ WARNING

- Do not lean against Paper holder
It may be damaged, resulting in injury

6 PRODUCT SYMBOL DEFINITIONS

■ The following symbols are used for this product.

Symbol	Description
	● Indoor use symbol
	● See the instruction manual
	● Type B applied part
	● Lot number
	● Serial number
	● Model number
	● International protection code
	● Product weight
	● Safe working load
	● Maximum patient weight
	● Maximum weight (Product weight + Safe working load)
	● Height up
	● Height down
	● Memory M1
	● Memory M2
	● Authorised representative in the European community
	● Do not put anything exceeding 5 kg on the tray
	● If water or medicine is spilled on the table, wipe it off immediately
	● Refer to the instruction manual
	● Be careful not to get limbs under the mat when operating the foot control switch
	● Do not kick the foot switch too hard

Symbol	Description
	● Country of manufacture (Made In Indonesia) Manufacturing site * In the country of origin, the site acts as the manufacturer. Date of manufacture (YYYY-MM-DD)
	● Manufacturer * It may be called “Legal Manufacturer” or “Brand Owner” etc.
	● Protective ground mark
	● This is a 2D Code (GS1 DataMatrix) that encodes the UDI (Unique Device Identifier) required by the Unique Device Identification System designed to adequately identify devices through distribution and use.
	● AC input
	● Entrapment finger warning
	● CE mark
	● Indicates products covered by the EU directive on waste electrical and electronic equipment (WEEE)
	● Medical device (This product is a medical device or an accessory for medical device in Europe, and may be such a device in some countries and regions depending on their regulations. An accessory for medical device is required to be labeled as “Medical Device” under medical device regulations in Europe.)

7 REGULAR INSPECTION AND DAILY MAINTENANCE

■ For safety in use, inspect the product regularly, at least once a year. The product exhibits wear and deterioration according to the frequency and conditions of use. Inspect for loose parts, the operation of moving parts on the table, and the presence of damage regularly. When an irregularity has been noticed or when a detailed inspection is desired, contact Paramount Bed or your distributor.

Part	Operation details	Inspection items	Reference page
Table units	Back raise operation	Proper operation can be achieved.	11~13
		There must not be any strange noises.	
	Height operations	Proper operation can be achieved.	
		There must not be any strange noises.	
	Miscellaneous	There must not be any scratches and deformation at the mattress base, frame, or any other parts.	-
		There must not be any deformation, damage, or detachment of resin parts or elastic parts.	
		There must not be any peeling of labels, and the text must be legible.	
Adjuster	Prevent rattling	Proper operation can be achieved.	15
		The operation must not be unusually difficult.	
		The table must not move	
Electrical part	Visual check of electrical parts	Cable must not get tangled in the bed.	-
		Plugs and cables must have no scratches or damage.	
		There must not be any scratches and damage on the handheld controller.	

■ Lubrication (if there is abnormal noise)

- Lubrication is needed if there is abnormal noise. Please feel free to contact your dealer to be lubricated.



- Water adhesion to the bed or the mattress, or moisture may cause corrosion, abnormal noise or contamination. If water adheres to the table or the mattress, wipe off immediately.

<Table unit>

- To clean the table, use a cloth that has been soaked in diluted detergent and wrung out well, then wipe off any residual detergent with a cloth soaked in water and wrung out well. Finally, use a dry cloth to wipe the table to ensure it is dry.

WARNING

- To prevent accidents caused by incorrect operation, always unplug the power plug from the outlet before cleaning.
- Do not splash water to clean the table. There is a risk of electric shock due to a short circuit.

- Always dilute any detergents used as specified below.

76.9% - 81.4% ethanol for disinfection

0.05% - 0.2% benzalkonium chloride (e.g. Osvan)

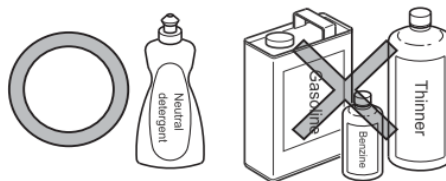
0.05% - 0.2% benzethonium chloride (e.g. Hiamine)

0.05% chlorhexidine gluconate (e.g. Hibitane)

0.1% - 1.0% sodium hypochlorite (e.g. Milton)

CAUTION

- Do not use volatile cleaning fluids (such as paint thinner, benzene or gasoline) and cresol. Discoloration or deterioration could result.



- The product cannot be used with an ozone sterilizer or an autoclave sterilizer, etc.

7 REGULAR INSPECTION AND DAILY MAINTENANCE

<Mattress unit>

- When the mattress gets dirty or the persons who use the mattress change, be sure to clean and disinfect both surfaces of the mattress in accordance with the procedures specified in steps ① to ④ below. At this time, take care not to bend the mattress.
 - ① Remove any soiling (blood, excreta, etc).
 - ② Wipe the mattress using a cloth that has been soaked in commercially available soap or neutral detergent diluted with water, and wrung out well.
 - ③ Disinfect the mattress by using disinfectant.
 - 0.05% - 0.2% benzalkonium chloride (e.g. Osvan)
 - 0.05% - 0.2% benzethonium chloride (e.g. Hiamine)
 - 0.05% chlorhexidine gluconate (e.g. Hibitane)
 - 0.1%-1.0% sodium hypochlorite (e.g. Milton)
 - ④ Leave the mattress to dry out naturally on the stretcher or in another location. However, do not dry in the sun.
- Clean and disinfect the mattress regularly.
- Do not wash the mattress.
- Take care not to soak the padding.

CAUTION

- Do not wash the padding. There is a risk of padding degradation.
- Do not use a mattress washer, an ozone sterilizer or autoclave apparatus. There is a risk of damage, deterioration or degradation.
- Do not leave any blood, urine, sudor or sebum on the mattress. Clean dirt frequently with neutral detergent or soap. If left untreated, the surface material may degrade, smell or stain may result.
 - The smell that is left during use may be neutralized with mouthwash.
 - If the mattress is stained, wipe off thoroughly with oxydol (3% hydrogen peroxide).
 - Use thrombolytic agent, if it is difficult to clean blood. In that case, try using it on the end of the mattress firstly, because there is a risk of discoloration or deterioration.
- Do not use volatile cleaning fluids (such as paint thinner, benzene or gasoline) and cresol. Discoloration or deterioration could result.
- Do not use disinfectant other than those specified. There is a risk of damage or deterioration.
- Do not unzip the zipper and do not remove the cover when cleaning and disinfecting the mattress. Do not unzip the zipper while the mattress is in use. The zipper is provided so that the cover can be repaired or replaced if it is damaged.



- The mattress should not be cleaned by an ozone sterilizer or autoclave apparatus.

8 TROUBLESHOOTING

- Problems may not always indicate faults. Check the following once again before requesting repair.
- If the problem persists after taking corrective actions, stop using the bed immediately, disconnect the power plug from the outlet, and contact Paramount Bed or your distributor for repair.
- Table damaged in earthquakes, fires, floods or other incidents must be inspected and repaired by Paramount Bed or your distributor. Otherwise, there is a risk of electric shock or fire due to short circuit or current leakage from electrical parts, of injury due to malfunctioning caused by deformation of the table.

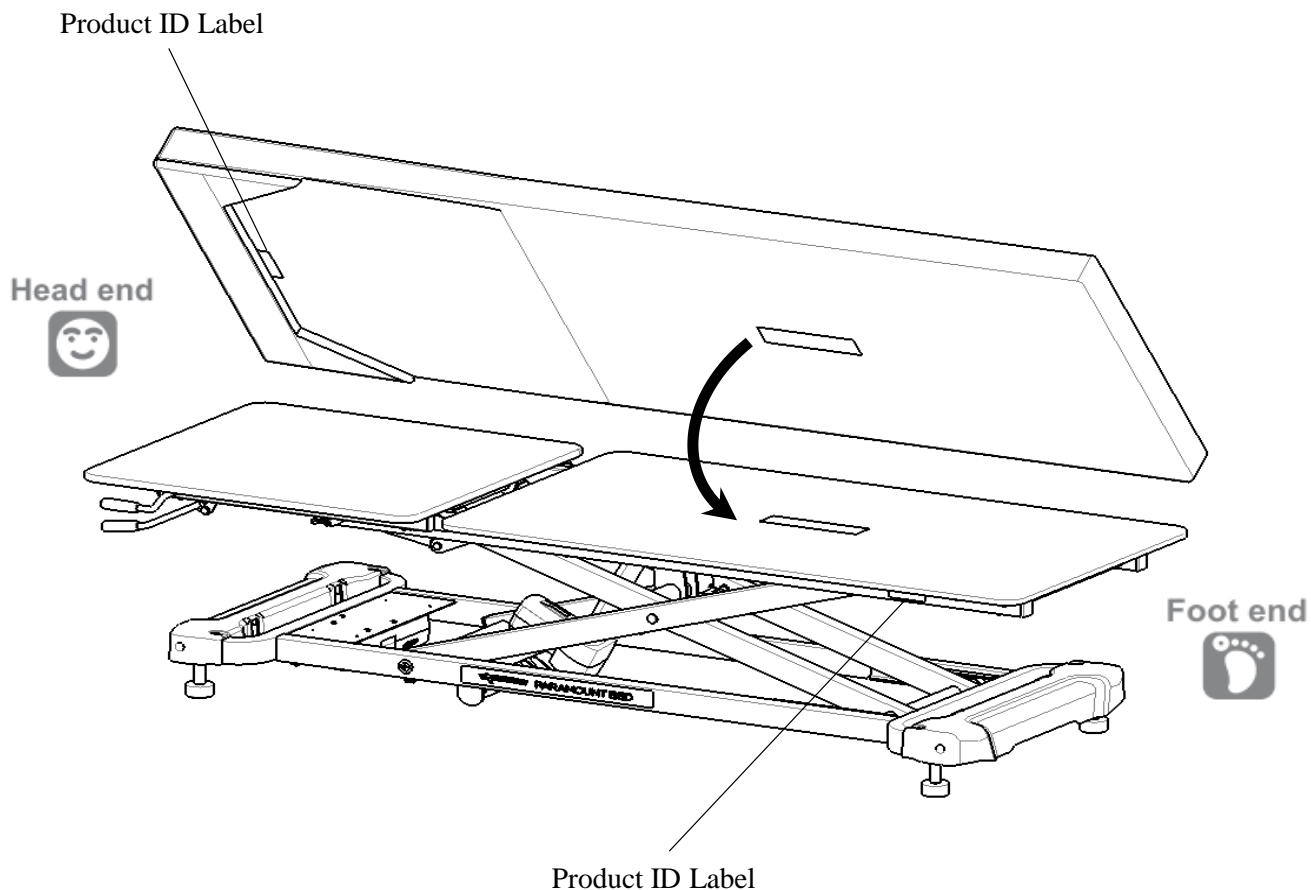
Symptoms and status	Check	Corrective action	Reference page
The examination table does not move even when the foot control switch are pressed.	Check if the power plug is plugged into the outlet.	Plug the power plug into the outlet.	10
	The power plug is plugged into the outlet but the examination table still does	Unplug the power plug from the outlet and plug it in again. Plug another electrical device into the outlet to check that power is available.	
The table cannot be positioned correctly.	Check if there is nothing in the moving parts on the bed.	Remove any obstacles.	-

- When requesting repairs or contacting Paramount Bed or your distributor, please provide the number on the product ID label.

8 TROUBLESHOOTING

■ Product ID label position

Product ID labels are affixed to the foot end of the main frame and mattress.



■ Product lifetime

The lifetime of this equipment is typically eight (8) years. Lifetime is defined as the period during which the product will maintain the specified performance and safety, provided it has been maintained and operated in conditions of normal use in accordance with the requirements in this instruction manual.

9 LONG-TERM STORAGE

■ The following precautions should be noted when the table is not in use for extended periods of time.

1. Lay the back section base flat.
2. Lower the table to the lowest position.
3. Do not place objects other than mattress on the table.
4. Do not place any objects on the mattress.
5. Do not place in a location that tends to be exposed to high temperatures, high humidity, low temperatures, dry or dusty conditions.
Store at a temperature between -10°C and 50°C, humidity between 20%RH and 90%RH, and atmospheric pressure between 700hPa and 1060hPa.
6. Store the table horizontally; do not stand it upright against the wall.
7. For electrically-operated tables, be sure to disconnect the power plug from the power outlet and wind the power cable



- Inspect the product regularly at least once a year, even if it is during storage.

<Disposal>

Dispose of the product according to the local rules and regulations.

10 SPECIFICATIONS

Product Name		Electric Examination Table		
Model No.		PC-510	PC-511	PC-512
Quantity of motors		1 Motors		
Operation	Back raising	Linkage mechanism using a gas spring		
	Height adjustment	Motorized		
Power supply voltage / frequency		120VAC / 230VAC, 50/60Hz		
Dimensions	Total length (with mattress)	1,950mm		
	Total width	650mm		
	Total height	510[+10/-20] to 850[+10/-20]mm		
	Mattress base height (*1)	430 to 770mm		
	Power cable length	Effective length: 4,000mm		
Product weight		66 kg	68 kg	71 kg
Material	Mattress base	Particle board / Phenolic resin		
	Main frame	Powder coated steel		
Optional Parts	Storage space Big (PC-5129)	-	●	●
	Storage space small (PC-5130)	-	-	●
	Tray (PC-5131)	-	-	●
	Paper holder (PC-5132)	-	●	●
User's maximum weight		150kg (1,471N)		
Safe working load (*2)		170kgf (1,667N)		
Backraising	Inclination angle	0° to 60°		
Height	Height range	340mm		
	Time required	8sec. (*3)		
Actuator type		Linear actuator (DC motor)		
Power consumption	Height adjustment	370VA or less		
Duty cycle		2 min. (stop time: 18min. (*4))		
Rated Current		230VAC : 2.5A / 120VAC : 5.0A		
Mattress	Dimensions	W650 mm x L1,950mm x T80mm		
	Surface material	Vinyl leather		
	Core material	Urethane foam		
Service life		8 years (based on Paramount Bed data) * On condition that you perform the specified maintenance and inspection and replace the consumable parts		

*1) The mattress base height indicates the height from the floor to the mattress base surface.

*2) Safe working load: Maximum load with which the table can be operated. (The total load of user's weight and incidental items including options.)

*3) With no loads.

*4) Time to protect electrical parts from overheating when the bed is used continuously for duty cycle (2min).

Environmental conditions	Range	
	When transported or stored	When in use
Temperature	-10 to 50°C	5 to 40°C
Humidity	20 to 90%RH	20 to 90%RH
Air pressure	700 to 1,060hPa	700 to 1,060hPa

Patient target groups	Patient age	13 years of age or older
	Maximum patient weight	150 kg
Intended users		Health care workers and maintenance staff
Clinical benefit		Patient comfort Quality patient care and efficient care provision

●Essential performance

Function to support the body of patient.

●Frequently used functions

Back raising, height adjustment.

●Classification and Standards

The examination table is designed and manufactured according to the following equipment classification and standards.

- Safety standards applied : IEC 60601-1:2005+AMD1:2012+AMD2:2020
: IEC 60601-1-2:2014+AMD1:2020
: EN 60601-1:2006+A1:2013+A2:2021
: EN 60601-1-2:2015+A1:2021
- Electric shock protection : Class 1, Type B
- Protection code : IEC 60529 IPX4

*Equipment not suitable for use in the presence of a flammable anaesthetic mixture.

Specifications of optional parts

Product Name		Storage space big	Storage space small	Tray	Paper holder
Model No.		PC-5129	PC-5130	PC-5131	PC-5132
Dimensions	Total length	605mm	245mm	319mm (Top board : 250mm x 150mm x 16.2mm)	655mm
	Total width	345mm	136mm	150mm	264mm
	Total height	100mm	124mm	141mm	19mm
Product weight		1 kg	0.9 kg	2 kg	0.7 kg
Materials		Powder coated steel	Powder coated steel	Powder coated steel, Particle board / Phenolic resin	Powder coated steel
Safe working load (*)		10 kg	1 kg	5 kg	1 kg
Service life		8 years (based on Paramount Bed data)			

*Safe working load: The maximum load that can be operated. (Total load is user weight and incidental items)

Environmental conditions	Range	
	When transported or stored	When in use
Temperature	-10 to 50°C	5 to 40°C
Humidity	20 to 90% RH	20 to 90% RH
Air pressure	700 to 1,060hPa	700 to 1,060hPa

■ Technical explanation regarding EMD (Electromagnetic Disturbance)

The table requires special safety precautions regarding EMC to be observed. Install, operate, and use the table according to the information provided below.

The bed is intended for use in an electromagnetic environment specified according to “Electromagnetic interference.” Using the table in an unintended environment may result in the occurrence of the following problems.

- The function for supporting the patient’s body weight may not be maintained.

No.	Cable	Maximum length [m]	Remarks
1	AC power cable	4.0	Without shield
2	Foot control switch	1.0	Without shield

The table is intended for use in doctor’s offices, clinics, exclusive medical facilities, independent surgery centers, multiple treatment facilities, hospitals (except near high-frequency surgical equipment, and outside RF shielded rooms for magnetic resonance images). The customers or users of the table must ensure that the table is always used in this environment.

Due to its emission characteristics, table is suitable for use in hospitals. If used in a home environment, this device may not offer sufficient protection against radio frequency communication services.

It may be necessary for the user to take relaxation measures such as re-arranging or changing the direction of the device.

WARNING

- If using the other specified accessories, transducers and cable as a replacement part for internal components, except for transducers and cables sold by the manufacturer of recliner, there is a risk of increasing the emissions or reducing the immunity of table.
- Use portable RF transceiver more than 30cm away from any part of table (including peripheral equipment such as antenna cable and external antenna). If it is used within 30cm, the table performance may degrade.
- Table cannot be used with adjacent to or stacked with other equipment. If it must be used adjacent to or stacked with other equipment, make sure to monitor that it can operate properly in the location where table is used.

Guidance and Manufacturer's Declaration - Electromagnetic Emissions

The table is intended for use in the electromagnetic environments specified below.
The customer or the user of the bed must use it in an environment specified here.

Emission test	Compliance	Electromagnetic Environment - Guidance
The table is intended for use in the RF emissions CISPR 11/EN 55011	Group 1	The table uses RF energy only for its internal functions. Therefore, its RF emissions are low and are not likely to cause any interference with nearby electronic equipment.
RF emissions CISPR 11/EN 55011	Class A	Use the bed in a power supply network of a professional environment, such as a hospital or other medical facility.
Harmonic emissions IEC 61000-3-2/EN 61000-3-2	Class A	
Voltage fluctuations/ flicker emissions IEC 61000-3-3/EN 61000-3-3	Complies	

Guidance and Manufacturer's Declaration - Electromagnetic Immunity


The table is intended for use in the following electromagnetic environment. The customer or user of the bed must use it in an environment specified here.

Immunity test	IEC 60601-1-2/EN 60601-1-2 Test level	Compliance level
Electrostatic discharge (ESD) IEC 61000-4-2	Contact discharge: $\pm 8\text{kV}$ Air discharge: $\pm 2\text{kV}$, $\pm 4\text{kV}$, $\pm 8\text{kV}$, $\pm 15\text{kV}$	Contact discharge: $\pm 8\text{kV}$ Air discharge: $\pm 2\text{kV}$, $\pm 4\text{kV}$, $\pm 8\text{kV}$, $\pm 15\text{kV}$
Electrical fast transient/burst IEC 61000-4-4	$\pm 2\text{kV}$ Power supply line	$\pm 2\text{kV}$ Power supply line
Surge IEC 61000-4-5	Line - line: $\pm 0.5\text{kV}$, $\pm 1.0\text{kV}$ Line - ground: $\pm 0.5\text{kV}$, $\pm 1.0\text{kV}$, $\pm 2.0\text{kV}$	Line - line: $\pm 0.5\text{kV}$, $\pm 1.0\text{kV}$ Line - ground: $\pm 0.5\text{kV}$, $\pm 1.0\text{kV}$, $\pm 2.0\text{kV}$
Power Frequency Magnetic Fields IEC 61000-4-8	30 A/m	30 A/m
Voltage dips, instantaneous power failure, and voltage fluctuation in power supply cable IEC 61000-4-11	0% UT: 0.5 cycles Phase: 0° , 45° , 90° , 135° , 180° , 225° , 270° , 315°	0% UT: 0.5 cycles Phase: 0° , 45° , 90° , 135° , 180° , 225° , 270° , 315°
	0% UT: 1 cycle 70% UT: 25/30 cycles Single phase: 0°	0% UT: 1 cycle 70% UT: 25/30 cycles Single phase: 0°
Short-term power failure IEC 61000-4-11	0% UT: 250/300 cycles	0% UT: 250/300 cycles
Proximity Magnetic Fields IEC 61000-4-39	134.2 kHz, 50% Pulse at 2.1 kHz, 65 A/m 13.56 MHz, 50% Pulse at 50 kHz, 7.5A/m	134.2 kHz, 50% Pulse at 2.1 kHz, 65 A/m 13.56 MHz, 50% Pulse at 50 kHz, 7.5A/m

Note: UT is the AC power voltage before applying the test level.

Guidance and Manufacturer's Declaration - Electromagnetic Immunity

The table is intended for use in the following electromagnetic environment. The customer or user of the bed must use it in an environment specified here.

Immunity test	IEC 60601-1-2 Test level	Compliance level	Electromagnetic Environment - Guidance
RF Conductivity IEC 61000-4-6	3V 0.15MHz-80MHz 6V in ISM bands between 0.15MHz -80MHz 80% AM at 1kHz	3V 0.15MHz-80MHz 6V in ISM bands between 0.15MHz -80MHz 80% AM at 1kHz	Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, must be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol: 
Radioacted RF electromagnetic fields IEC 61000-4-3	3V/m 80MHz-2.7GHz 80% AM at 1kHz	3V/m 80MHz-2.7GHz 80% AM at 1kHz	

- Field strengths from fixed transmitters, such as those of base stations for radio (cellular/cordless) telephones, land mobile radios, amateur radios, AM and FM radio broadcasts, and TV broadcasts cannot be predicted theoretically with accuracy. To determine the electromagnetic environment due to fixed RF transmitters, an electromagnetic survey of the site should be considered. If the measured field strength in the location in which table is used exceeds the applicable RF compliance level above, table should be observed to verify whether or not it is operating appropriately. If an abnormal operation is seen, take additional measures as needed, such as changing the location of use of the table.
- These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.

Guidance and Manufacturer's Declaration - Electromagnetic Immunity

The table is intended to be used in an electromagnetic environment where RF radio communication devices are used. The electromagnetic interference between the RF communication device and the table can be prevented by maintaining the minimum distance between the two as recommended below in accordance with the maximum output and frequency of the communication device.

Immunity test	IEC 60601-1-2 Test level	Compliance level (V/m)	Band (MHz)	Service	Modulation	Maximum power (W)	Distance (m)
Proximate electromagnetic field IEC 61000-4-3	27V/m 385MHz	27	380-390	TETRA 400	Pulse modulation 18Hz	1.8	0.3
	28V/m 450MHz	28	430-470	GMRS 460, FRS 460	Pulse modulation 18Hz	2	0.3
	9V/m 710MHz	9	704-787	LTE Band 13, 17	Pulse modulation 217Hz	0.2	0.3
	9V/m 745MHz						
	9V/m 780MHz						
	28V/m 810MHz	28	800-960	GSM 800/900, TETRA 800, iDen 820, CDMA 850, LTE Band 5	Pulse modulation 18Hz	2	0.3
	28V/m 870MHz						
	28V/m 930MHz						
	28V/m 1720MHz	28	1700-1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation 217Hz	2	0.3
	28V/m 1845MHz						
	28V/m 1970MHz						
	28V/m 2450MHz	28	2400-2570	Bluetooth, WLAN 802.11 b/g/n RFID 2450, LTE Band 7	Pulse modulation 217Hz	2	0.3
	9V/m 5240MHz	9	5100-5800	WLAN 802.11 a/n	Pulse modulation 217Hz	0.2	0.3
	9V/m 5500MHz						
	9V/m 5785MHz						

1. When requesting repairs

If you encounter trouble, perform troubleshooting according to the procedure described in “Troubleshooting” (see p.24 to 25) in this instruction manual. If the problem persists after taking corrective action, disconnect the power plug of the bed from the outlet and turn the battery off, and then contact Paramount Bed (see Contact Information below) or your distributor.

■ Details necessary when requesting repair

- Product name, model number
- Product ID label number (see p.25)
- Date of purchase
- Details of fault or problem (please provide as much detail as possible)
- Your name, organization, address, and phone number

■ Consumable parts

Mattress and foot control switch are consumable parts.

2. Minimum stock availability period



The minimum retention period of service functional parts (required to maintain the original functions of products) is 8 years after discontinuation of manufacturing.

3. Questions regarding after-sales service

For any queries, contact Paramount Bed or your distributor.



- **Manufacturer will make available on request circuit diagrams, component part lists, descriptions and other information's that will assist Service person to repair**

[Location in Japan]	[Location in Indonesia (Manufacturer and Manufacturing premises)]
PARAMOUNT BED CO., LTD. 14-5, 2-chome, Higashisuna, Koto-ku, Tokyo, 136-8670, Japan TEL : +81-(0)3-3648-2961 FAX : +81-(0)3-3648-2420	 PT. PARAMOUNT BED INDONESIA MM2100 Industrial Town, Block M-1-1, Gandamekar, Cikarang Barat, Bekasi 17530, Jawa Barat, Indonesia TEL : +62-(0)21-8981051 FAX : +62-(0)21-89981611
[Location in India]	
PARAMOUNT BED INDIA PVT. LTD. Plot Number 319, Sector 3, Phase II, Industrial Estate Bawal, Rewari, Haryana, India, 123501 TEL : +91-124-4205748	

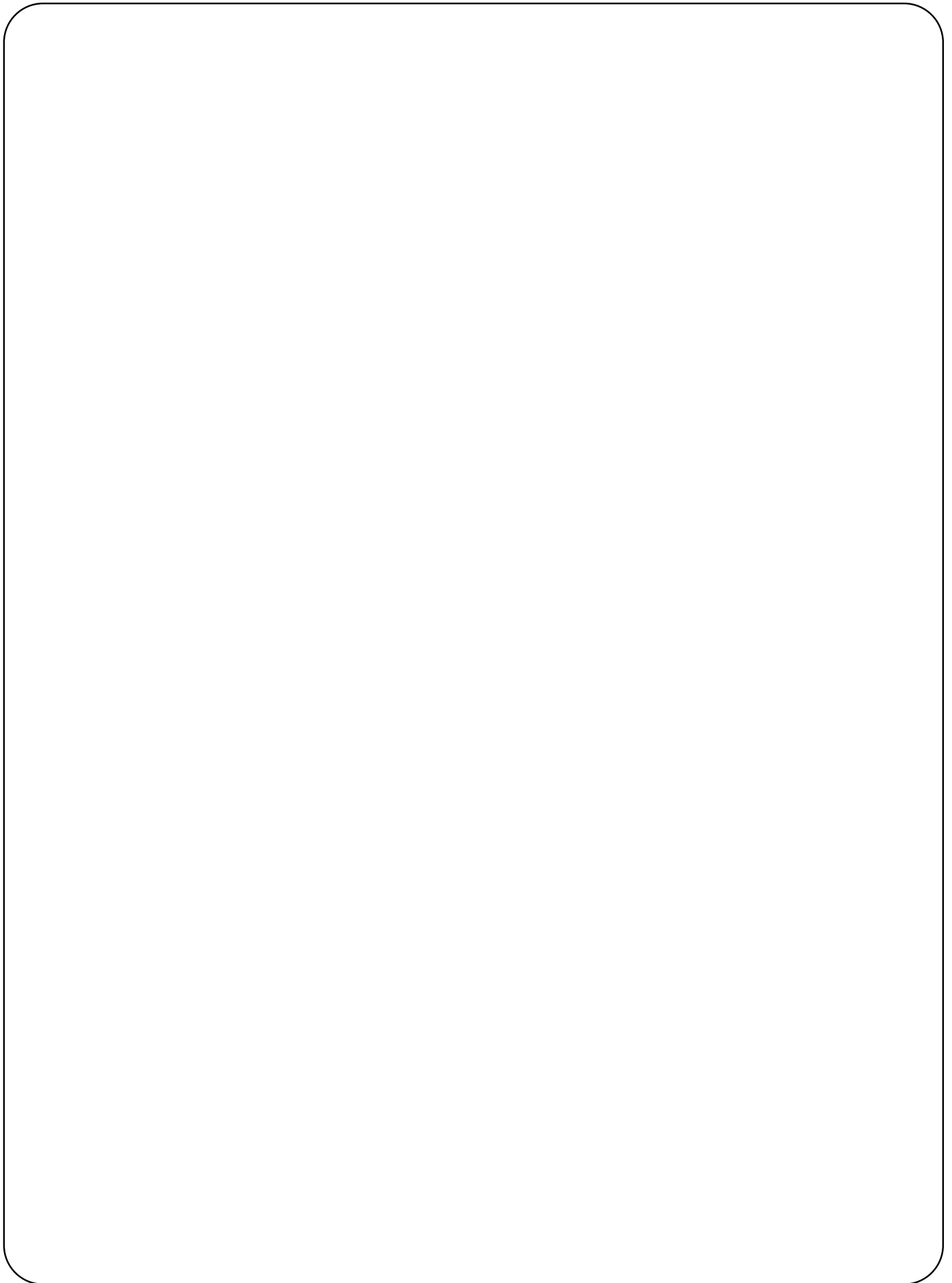
For other contact information, please visit the website.

Website: <https://www.paramount.co.jp/english/>



MedNet EC-REP GmbH
Borkstrasse 10
48163 Münster
Germany

NOTES

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