

CE

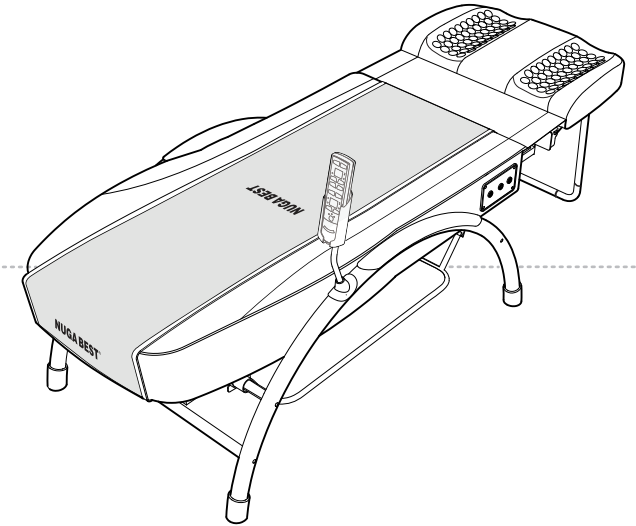
NUGA

www.nuga.kr

[ENGLISH]



세계일류상품



N4




User Manual

Thank you for purchasing this product.
Before use...
Please read the cautions for safety in the
user manual to use this product safely.

Quality Warranty Enclosed

Tourmanium Product

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 **NUGA MEDICAL CO.,LTD.**

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Cautions for your safety

- These cautions include descriptions for the safety of users and prevention of any damage to properties among others.
- Read through the following details to use the product appropriately.
- This Manual classifies the risk level into following three degrees and the following graphical symbols remind users of cautions for matters and operations of concerns about any risk.

Interpretations on symbols



Danger

If there is high possibility of death due to non-compliance.



Warning

If there is a possibility of an injury or death due to non-compliance.



Caution

If there is a possibility of a minor injury or damage to goods due to non-compliance.

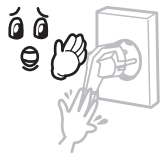
Disclaimer

- The manufacturer, importer and/or agent shall not be responsible for any problem and/or other damage to the product which has been caused from the user's fault or operation.
- Information in the user manual has been prepared on the basis of the current product specifications.
- Details in the user manual might be different from those on the product.
- The product manufacturer will be adding and supplementing new functions at any time and new technologies shall be applied to the product continuously in the future as well.
- All the standards and functions are subject to change without any notice to users to improve performance.

Danger



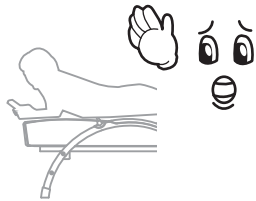
Put the projector cover on the external projector while using the external projector to keep the projector from touching the skin directly.
(Otherwise, it is likely that injuries occur.)



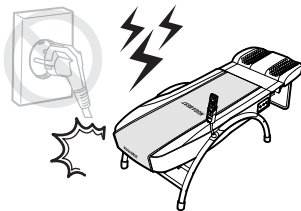
Avoid pulling out the power cord parts or touching the power plug with the wet hands.
(Otherwise, it might cause electrical shock or fire.)



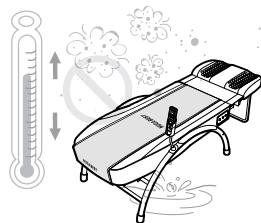
Avoid using the product in a closed place in presence of any fuel and/or chemical.
(Otherwise, it might cause injuries or fire.)



When using the device while lying down on your stomach, do not use it on your ribs and use it only on the abdomen in manual mode.



Immediately stop using the product and turn off the power if there is any thunder, lightning or earthquake.
(Otherwise, it might cause electrical shock or fire.)



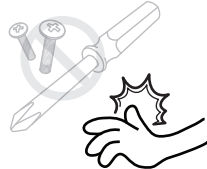
Do not use the device in areas that are dusty or have severe temperature fluctuations or where it can come into contact with water.
(There are risks of electric shock and fire.)



Avoid applying the external projector directly to eyeballs to prevent any risk.
(Otherwise, it might cause damage to eyeballs.)



Any persons meeting the following criteria shall not use this device. This device should not be used by a pregnant woman or a patient with a chronic disease, malignant tumor, high fever, heart disease (pacemaker implant), perceptual disorder, skin problem in the target area, or spondylolysis

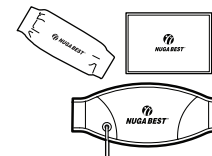


Anyone other than technicians qualified for our company's A/S should not disassemble, repair or modify the product for any reason.
(Otherwise, it might cause damage to the product or electric shock and/or fire.)

Warning



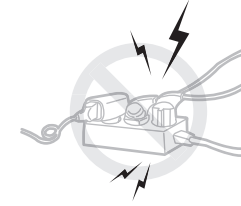
Avoid placing inflammable substances like candlelight, cigarette light or liquors and/or vessels containing water, heavy objects or other objects on the product.
(Otherwise, it might cause fire.)



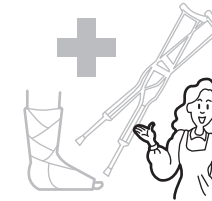
Avoid using any band or belt that does not come as one of components from the purchase of the product.
(Otherwise, it might cause damage to the product.)



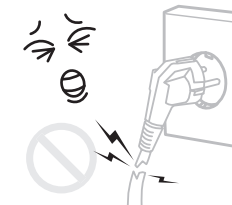
Avoid jumping on the product or any other action to provide shocks to the product.
(Otherwise, it might cause injuries and/or damage to the product.)



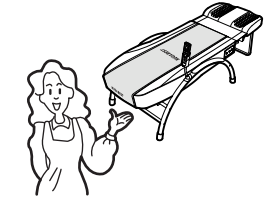
Do not insert many power plugs for other products into a socket to be used simultaneously.
(Otherwise, it might cause electric shock, injury and/or damage to the product.)



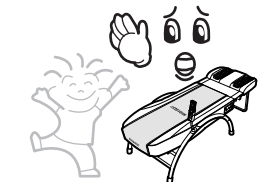
Apply the product to the area with any surgery and/or treatment, after consulting with the store or the company from which you have purchased the product.



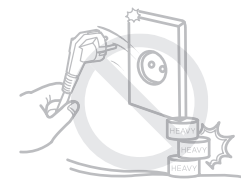
Use the product after checking out any damaged or worn-out cord.
(Otherwise, it might cause electric shock, injury and/or damage to the product.)



Avoid twisting the body while the internal projector is being operated.
(Otherwise, it might cause excessive influences to the spine.)

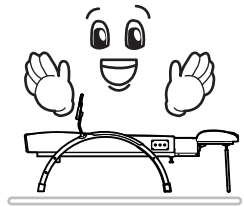


Do not allow children use the product alone.



Avoid bending the power cord excessively or pressing it down with heavy objects.

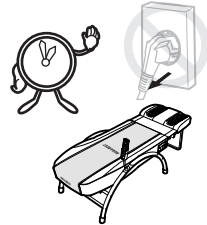
 **Caution**



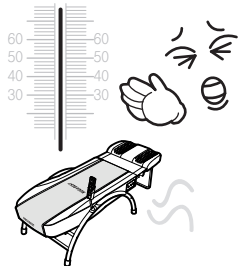
Install the product horizontally.



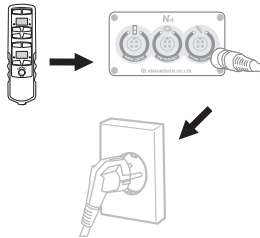
Please abide by defined time and methods.



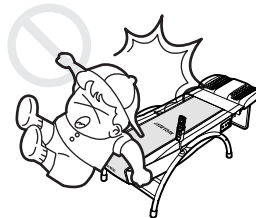
Separate the power cord while the product is not being in use for a long time.



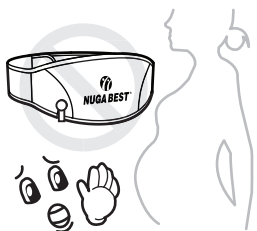
Use the product in a range of proper temperature as there is risk of burns if the higher temperature is set. Do not use directly on skin



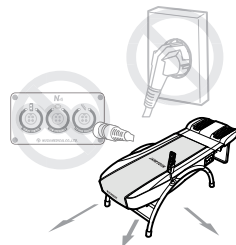
Connect the power supply after connecting the controller first.



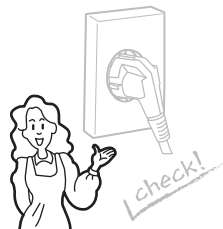
Be aware of danger of falling down when you get on or off the product.



Any pregnant shall not use the low frequency pad.

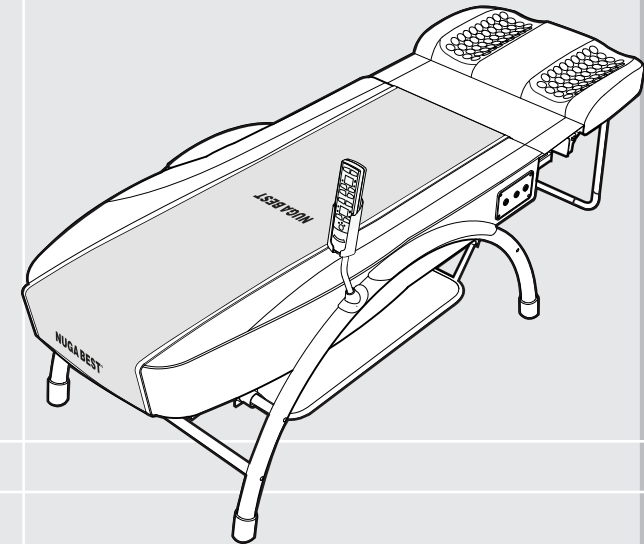


Move the product after separating all the connecting lines including the power supply when the product is moved.



Check out the applied voltage before any use and apply the power plug only to a dedicated socket.

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How to maximize the space

The main and sub mats are used horizontally.
When not using the device, fold the sub mat to maximize the space.

Internal Projector Designed in Human Engineering

A separate projector is built in around the cervical vertebrae as the acupressure load can be equally distributed due to the design that the internal projector can be rotated in a certain angle.

Conveniently Designed External Projector

External projector is designed in a size conveniently held and used with a hand, which can be stored in a basket nicely during no use.

Internal Driving Method with Noise Reduction

There are few noises thanks to the minimized friction between the internal projector and rail due to the specially designed guard rail which can be used semi-permanently by minimizing the driving load.

Convenient Controller Holder

The controller holder possible of 360° rotation can be used conveniently in any desired angle by the user.

Multifunctional Controller Integrated into One

Buttons in a size that can be identified at a glance are easy to use with less wear due to the special materials, and button descriptions cannot be easily erased.

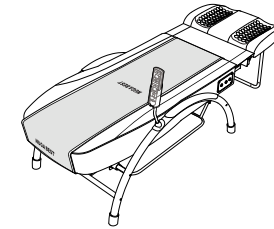
Special Heater and Tourmanium

The Tourmanium is applied to the special heater.

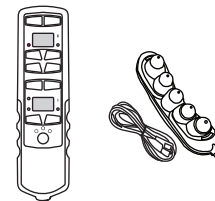
- 1** How to refer to cautions for safety
Refer to cautions to be kept during the product use.
(Refer to Page 3 in this User Manual for more details.)



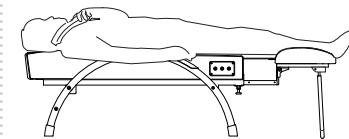
- 4** How to Install the Product
(Refer to Page 24 in this User Manual for more details.)



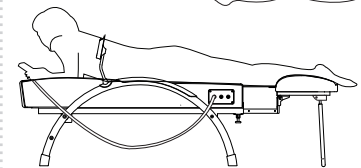
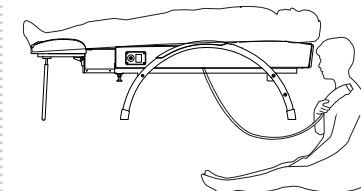
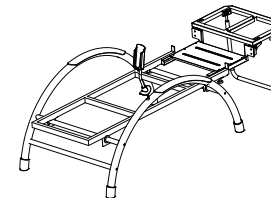
- 2** How to check out the product components
(Refer to Page 10 in this User Manual for more details.)



- 5** How to use the product
(Refer to Page 28 in this User Manual for more details.)



- 3** How to Assemble the Product Frame
(Refer to Page 20 in this User Manual for more details.)

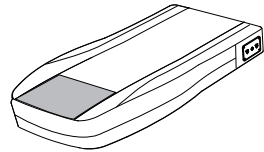


Product Components

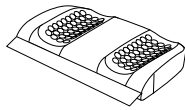


Introduction

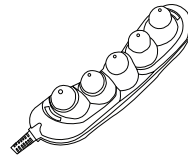
Please check out whether all the components are unpacked before installing the product.
Please inquire from your supplier if there is any missing or damaged component.
Some specifications and/or designs are subject to change for improving the product performance.



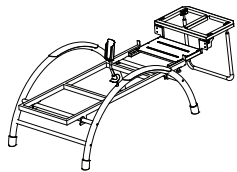
Main mat



Sub mat



External projector



Product frame



Controller



Basket



Abdomen heating pad
(Option)



Outside cover



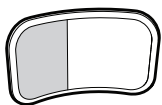
Low frequency pad



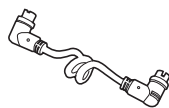
Towel for
low frequency pad



Projector cover



Extension band



Connection cable for sub mat

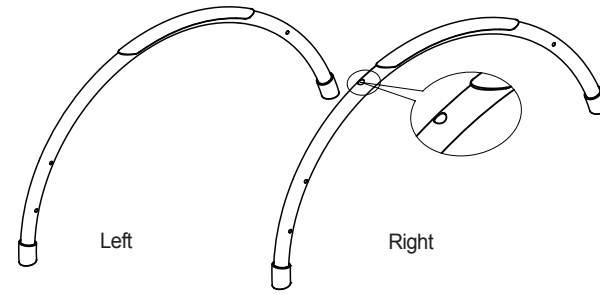


Power cord



User manual

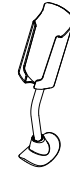
Product Frame Components



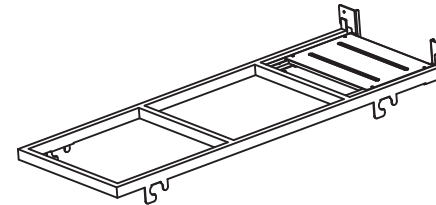
Left

Right

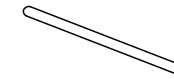
FRAME LEG ASS'Y LEFT/ RIGHT
(Check the direction of the Left L and Right R parts when assembling the device)



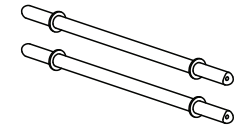
Controller hanger Ass'y



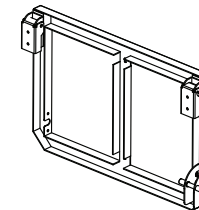
Main base frame



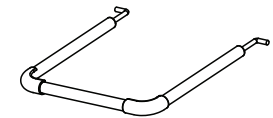
Leg support-1



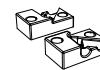
Leg support-2



Sub frame base



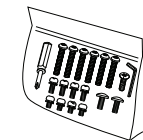
Auxiliary support bar



Hinge stopper L,R

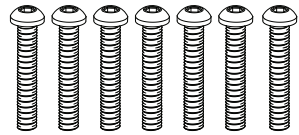


Lever



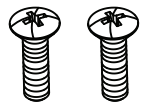
Bolt set

Screws for Assembly



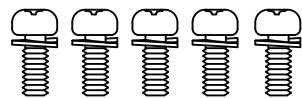
7 pieces

B1-Wrench bolt M8X50



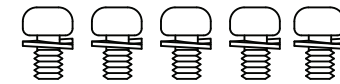
2 pieces

B2-FH-M5X18



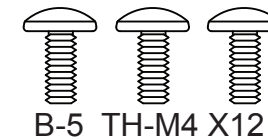
5 pieces

B3-SEMS PH M5X12+S/W



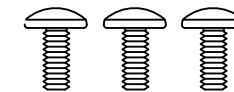
5 pieces

B4- SEMS-PH-M5X10+S/W



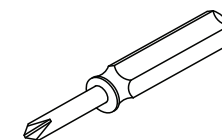
3 pieces

B5 TH-M4 X12



3 pieces

B6 TH-M4 X 6



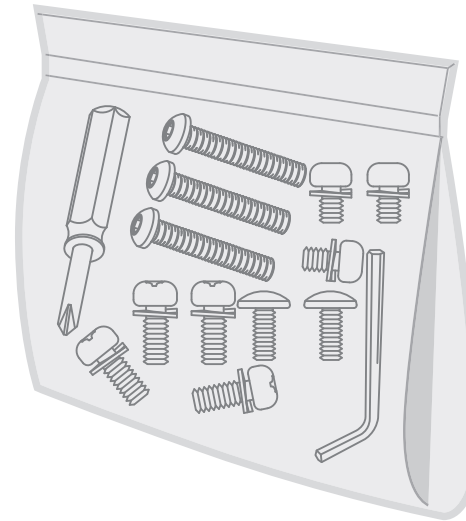
1 piece

SCREW DRIVE

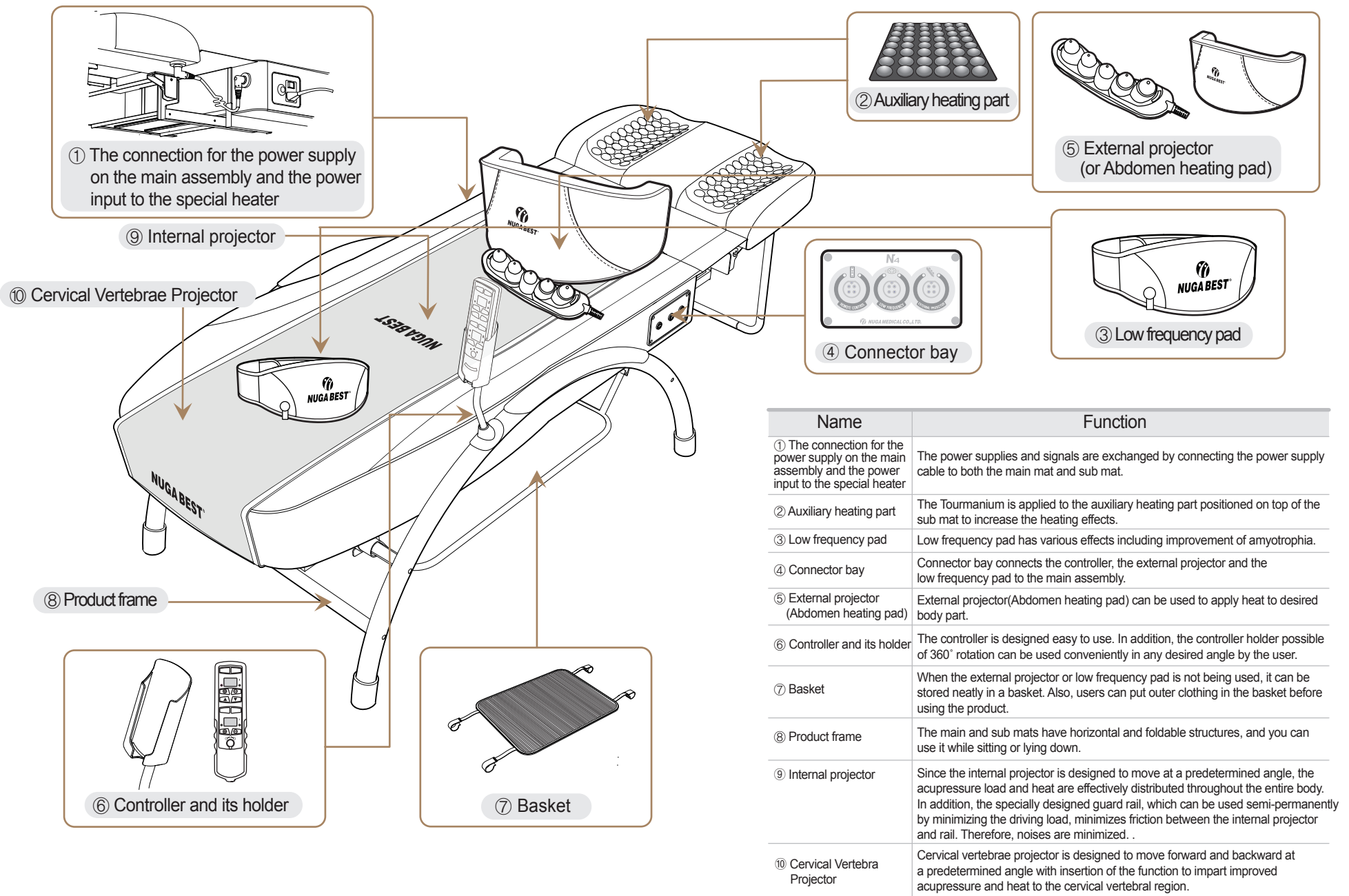


1 piece

L-WRENCH



Names and Functions of Product



Descriptions for Controller Buttons

Power button

Button to turn on/off the power for the product, internal projector, and cervical vertebrae projector

Auto/Manual Switch Button

Button to set the operating mode for the internal projector / cervical vertebrae projector in Auto/Manual mode

Indicator Window for Temperature and Condition of Internal Projector

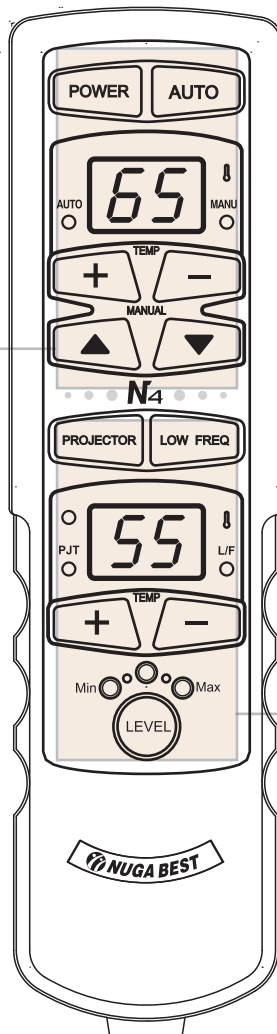
Window to display temperature and error message of internal projector / cervical vertebrae projector (refer to Page 41 for error messages)

Temperature Control Button for Internal Project

Button to increase or decrease temperature of internal projector

Manual Mode Button for Internal Projector

Button to adjust the position of internal projector up/down during the manual mode setting



Power Button for External Projector

Button to turn on/off the power for the external projector

Power Button for Low Frequency Pad

Button to turn on/off the power for the low frequency pad

Indicator Window for Temperature and Condition of External Projector

Window to display temperature and error message of external projector (refer to Page 41 for error messages)

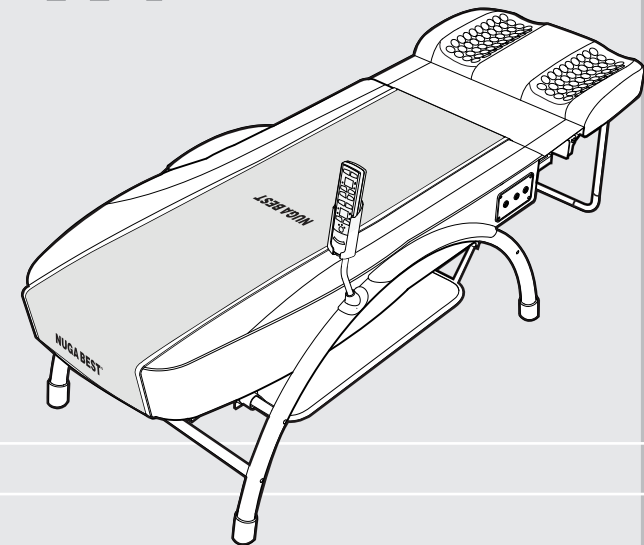
Temperature Control Button for External Projector

Button to increase or decrease temperature of external projector

Button to control the intensity of low frequency

Button to control the intensity of low frequency to a range of the low frequency pad (weak~strong)

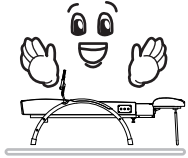
N4



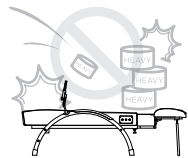
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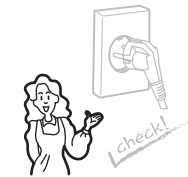
Before Product Installation



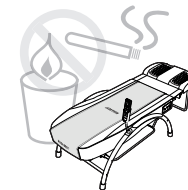
Install the product at a flat floor.
(Otherwise, it might damage the product.)



Do not drop or shock the product.
(Otherwise, it might damage the product.)



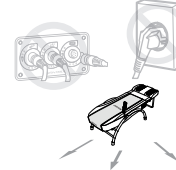
Check out the applied voltage before any use.
(Otherwise, it is likely that the electrical shock or fire occurs.)



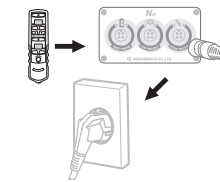
Do not place any inflammable substance on the product, such as candle light or cigarette light.
(Otherwise, it is likely to cause the electrical shock or fire.)



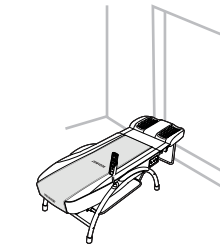
Avoid using the product in a closed place with any fuel and/or chemical.
(Otherwise, it might cause injuries or fire.)



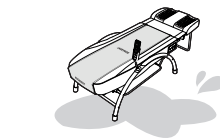
Move the product after separating the power supply from connecting lines if the product is moved.
(Otherwise, it might cause electric shock, injury and/or damage to the product.)



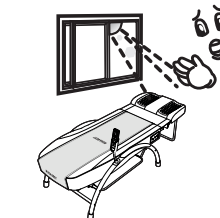
Connect the power supply after connecting the controller first.
(Otherwise, it might cause damage to the product.)



Do not install the product in a place with the frequent access.
(Otherwise, the product might be damaged.)

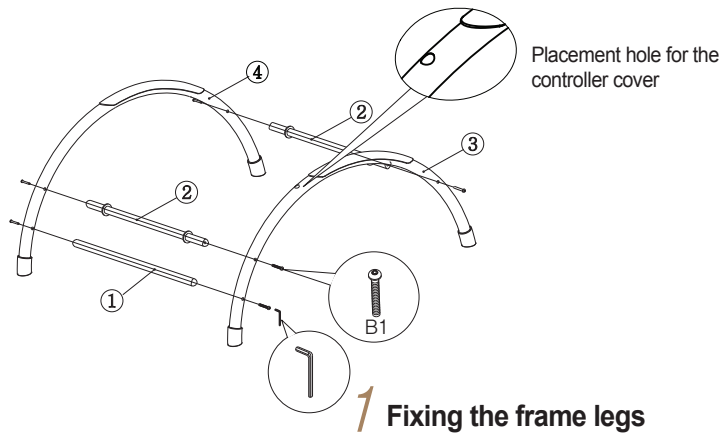


Do not install the product in a place with much moisture or water.
(Otherwise, the product might be damaged.)



Be careful not to expose the product to the direct sunlight.
(Otherwise, the product might be damaged.)

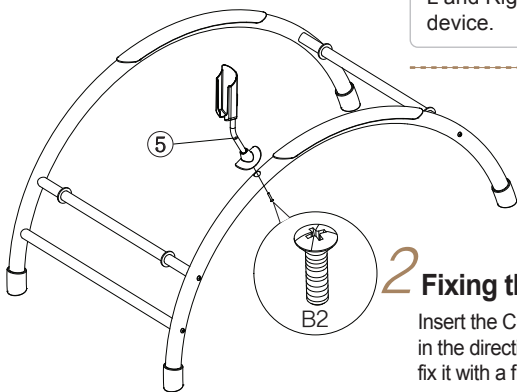
How to Assemble Product Frame



1 Fixing the frame legs

After placing the LEG SUPPORT1 (1) and LEG SUPPORT2 (2) for the FRAME LEG ASS'Y-R(3) and FRAME LEG ASS'Y-L(4), use the fixing screw (B1) to fix in place.

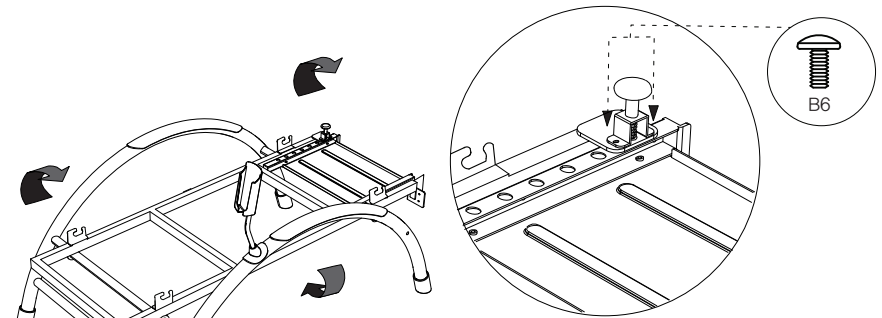
Caution
Check the assembly direction of the Left L and Right R parts before fixing the device.



2 Fixing the controller cover

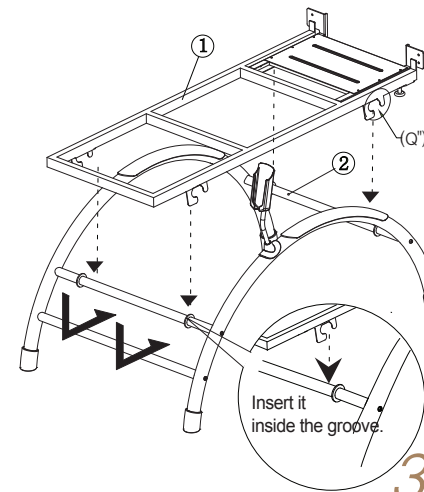
Insert the CONTROLLER HANGER ASS'Y (5) in the direction indicated in the figure and fix it with a fixing crew (B2).

Caution
Make sure that the screw is placed accurately into the hole.



3 Fixing the Lever

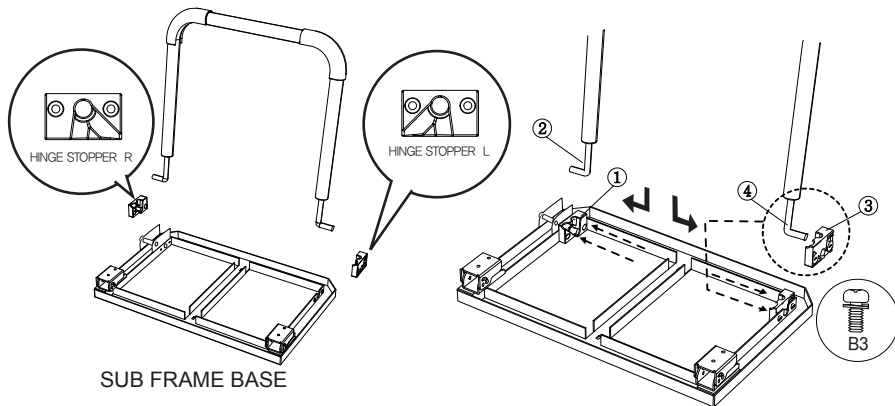
Turn the lever in the opposite direction of the main base frame and place it on the frame leg. Align it with the hole on the end of the main base frame and fix it with a fixing screw (B6).



3-1 Fixing the main base frame and the sliding frame

Assemble the main base frame (1) in the direction indicated on the figure and place the indicated groove area (Q') on top of the leg support-2 (2).

Caution
Make sure to insert it in the direction indicated by the arrow.



4 Assembling the SUB FRAME BASE ASS'Y

- ① Fix the HINGE STOPPER R into the SUB FRAME BASE with a fixing screw (B3).
- ② Insert the AUXILIARY SUPPORT BAR into the HINGE STOPPER R hole.
- ③ Insert the HINGE STOPPER L into the AUXILIARY SUPPORT BAR (④) and fix it using the SUB FRAME BASE fixing screw (B3).



Caution

Check the directionality when assembling the HINGE STOPPER L and R.

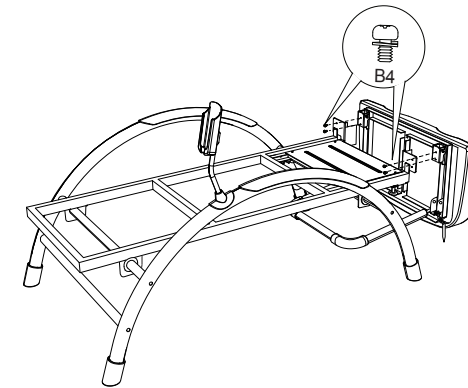
5 Assembling the SUB MAT and the SUB FRAME BASE ASS'Y

Grab the SUB FRAME BASE ASS'Y as shown in the figure and fix it into the hole on the bottom of the SUB MAT using a fixing screw (B5).



Caution

Place a cloth on the floor when assembling the SUB MAT.
In the presence of foreign matter and uneven floor, damage may occur in the Tourmanium heating unit.



6 Assembling the MAIN BASE FRAME and SUB FRAME BASE ASS'Y

Align the SUB FRAME BASE ASS'Y based on the locations of the fixing screw holes on bottom of the MAIN BASE FRAME, as shown in the figure, and fix it using two fixing screws (B4) on each side.

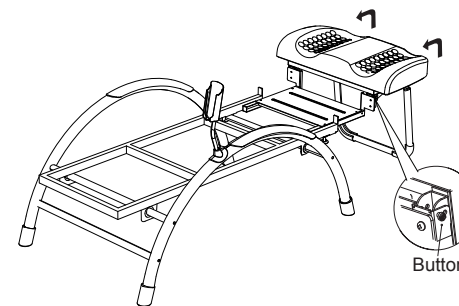
7 Erecting the SUB MAT

Grab the SUB FRAME BASE ASS'Y and press the button, as shown in the figure, to erect it perpendicularly.



Caution

In order to ensure safety, make sure to fully open the AUXILIARY SUPPORT BAR.



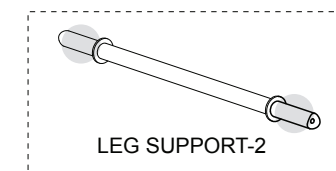
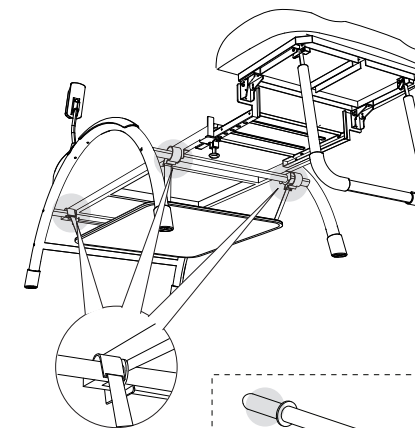
8 Inserting the basket into the main body

Lock the basket in place at the four places inside the leg frame, as shown in the figure.

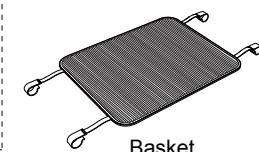


Caution

Lock the basket in place outside the rings of the MAIN BASE FRAME ASS'Y LEG SUPPORT-2.

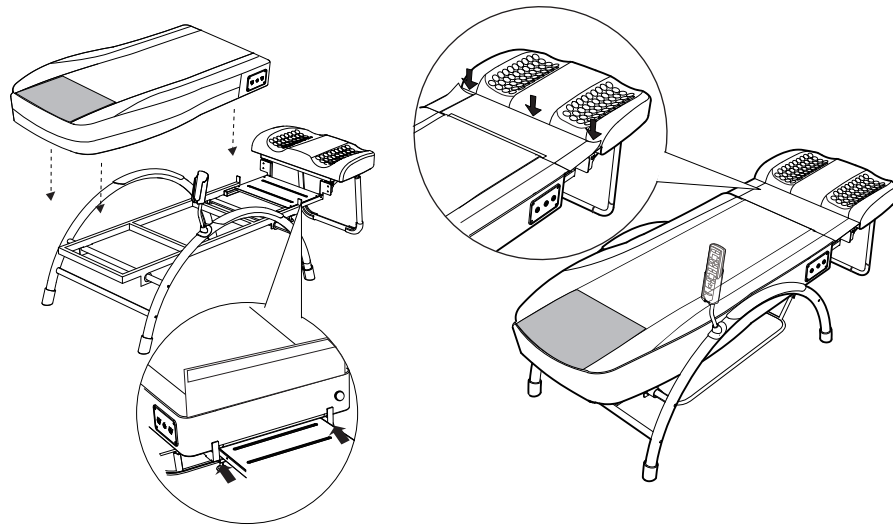


LEG SUPPORT-2



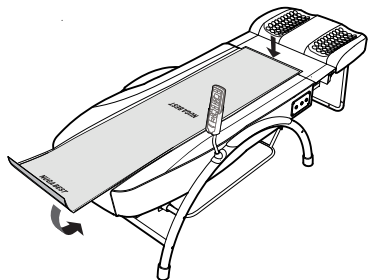
Basket

How to Install Product



1 Installing the product frame and main mat

Place the MAIN MAT on top of the MAIN BASE FRAME, and bring it close to the two supports below the MAIN BASE FRAME.



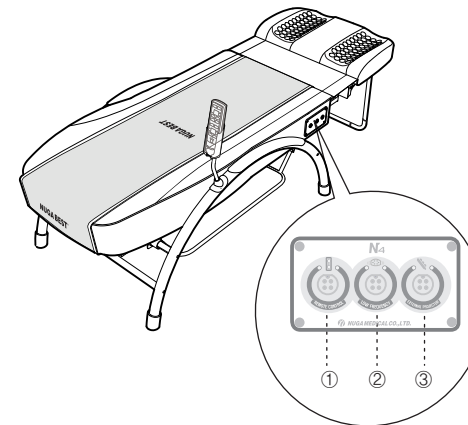
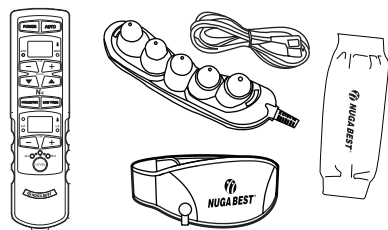
1-1 Attach the synthetic leather at the middle connected to the MAIN MAT to the VELCRO on the SUB MAT.

2 Covering the MAIN MAT with an outside cover

Align the outside cover on the VELCRO part on the front of the main mat and attach it to the bottom side of the main device. Insert the bottom part of the MAIN MAT into the outside cover insertion hole and fix it place using the VELCRO.

3 Preparing product

Take out the controller, power cord, external projector, projector cover, and low frequency pad.



4 Connecting the devices to the connector

- ① Controller
- ② Low frequency pad
- ③ External heating projector

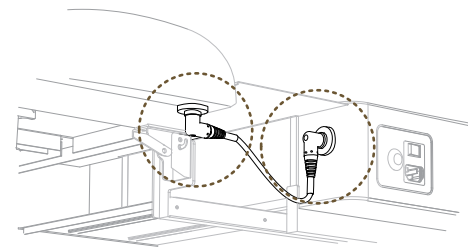
Connect the above devices in this order.

⚠ Caution

Make sure the groove in the cable connection part is pointing upward. If you do not connect the cable accurately into the groove, it will lead to malfunctions and device failure.

5 Connect the Power Cable to the Sub Mat

Connect the power cables to the MAIN MAT and SUB MAT, as shown in the figure.

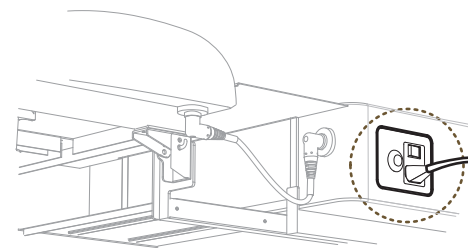


6 Turning on the power

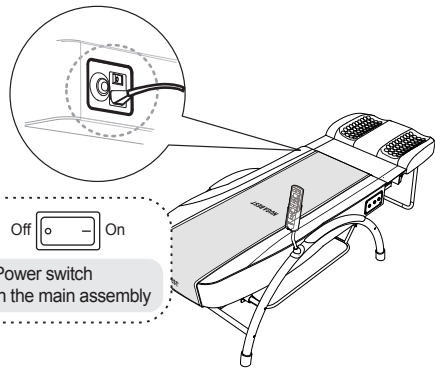
Connect the power cord to the power input part on the side of the MAIN MAT and turn on the power switch.

⚠ Caution

Make sure the power switch is turned off when connecting the power cord. Otherwise, it may cause malfunctions and device failure.



Test Operations after Installation

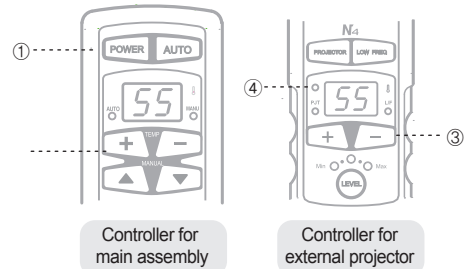
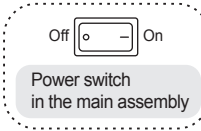


1 Checking out the power supply for the product

Turn on the power switch.

⚠ Caution

Ensure the power supply to be turned off after use or during no use. Otherwise, it might cause failure.



2 Checking out operations of controller

- ① Press the power button on the controller
- ② Adjust temperature for the internal projector (+ / - button)
- ③ Adjust temperature for the external projector (+ / - button)
- ④ Sub mat power indication

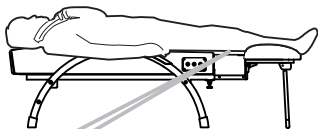
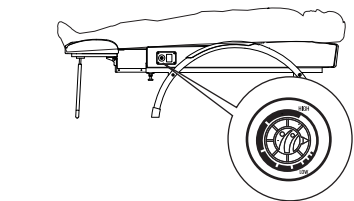
Refer to 'How to Use the controller' for each mode (Page 28)

3 Checking out operations of sub mat

After turning on the power of the main assembly, turn the dial clockwise to set a desired temperature in the sub mat.

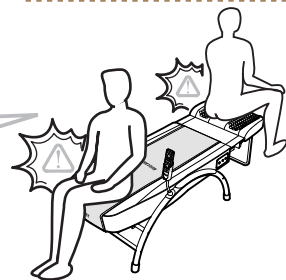
4 Using the product

Lay yourself down with your legs toward the sub mat and press the Auto button in the controller for the automatic operations in the product.

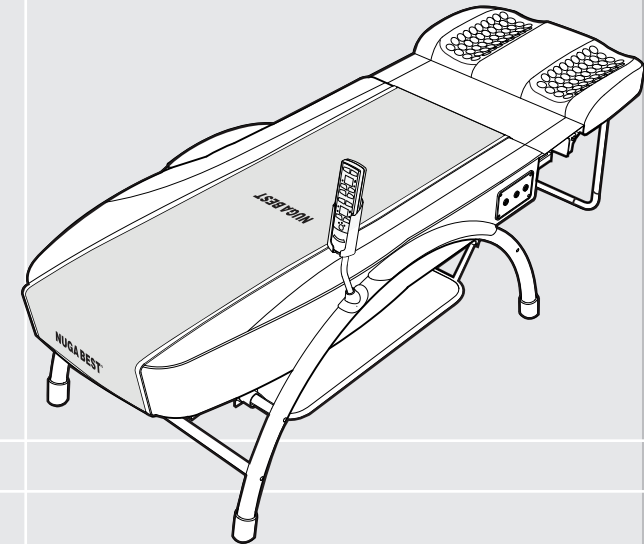


Do not sit or step on the synthetic leather at the middle between the main and auxiliary devices.

Avoid sitting or placing an object on the part of cervical vertebrae projector or auxiliary heating part. Otherwise, it might cause damage to the product.



N4



How to Use Product

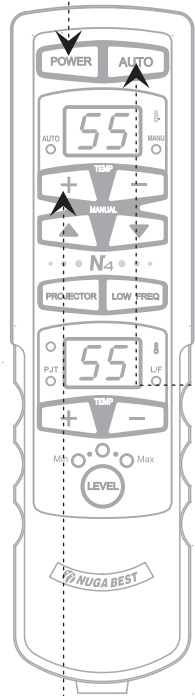
How to Use Controller	28
How to Use Product by Mode	28
How to Use External Projector(Abdomen heating pad)	33
How to Use Low Frequency Pad	34
How to Use Product	36
How to Set Temperature for Auxiliary heating part	38

How to Use Controller

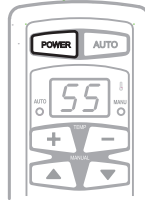
- How to Use Product by Mode

Auto ① Mode

Round-trip
acupuncture function

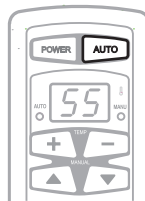


Power supply



- ① Press the power button.
- Check out the connecting conditions of the controller.
 - Press the power button once : On
Press it once again : Off

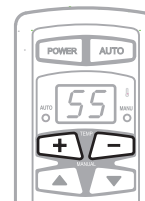
Auto ① Mode



- ② Press the automatic button (Auto LED lights up) to operate the cervical vertebrae / internal projector. There is no need to manipulate the buttons during the operation once it has started.

It will stop automatically after the 38-min massage.

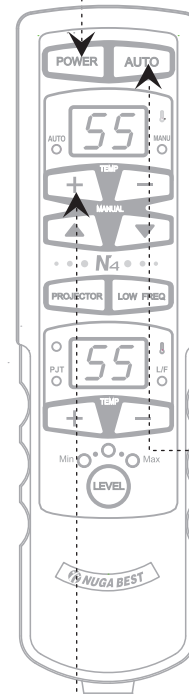
Temperature control



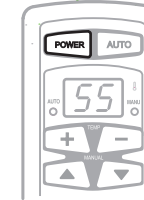
- ③ Control temperature with +/- button. (Moderate temperature: 55~60°C)
- Range of temperature setting for internal projector: 40~70°C (Temperature of cervical vertebrae projector is fixed at 50°C.)
 - Temperature setting unit 40~70°C : Temperature setting per 1°C

Auto ② Mode

Round-trip
massage function

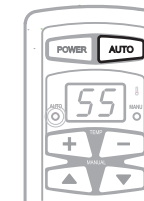


Power supply



- ① Press the power button.
- Check out the connecting conditions of the controller.
 - Press the power button once : On
Press it once again : Off

Auto ② Mode

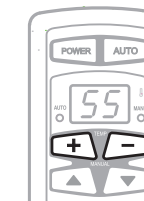


- ② Press the automatic button twice (flashing of the automatic mode LED) to operate cervical vertebrae / internal projector. There is no need to manipulate the buttons during the operation once it has started.

It will stop automatically after the 38-min massage.

Press the AUTO button to operate AUTO 2 Mode during AUTO 1 Mode is operating.

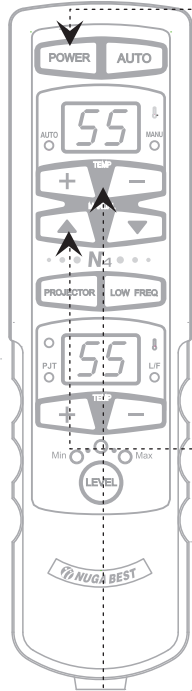
Temperature control



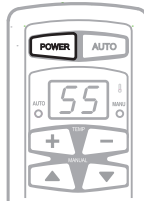
- ③ Control temperature with +/- button. (Moderate temperature: 55~60°C)
- Range of temperature setting for internal projector: 40~70°C (Temperature of cervical vertebrae projector is fixed at 50°C.)
 - Temperature setting unit 40~70°C : Temperature setting per 1°C

Auto ③ Mode

Massage function between the thoracic vertebrae and cervical vertebrae



Power supply

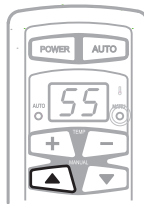


① Press the power button.

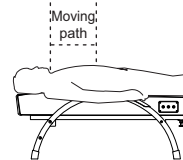
- Check out the connecting conditions of the controller.
- Press the power button once : On
Press it once again : Off

Auto ③ Mode

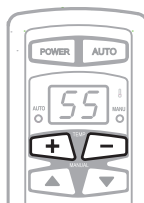
② Press the ▲ button twice (flashing of the manual mode LED) to operate the cervical vertebrae / internal projector. There is no need to manipulate the buttons during the operation once it has started.



It will stop automatically after the 38-min massage between the thoracic and cervical areas.



Temperature control

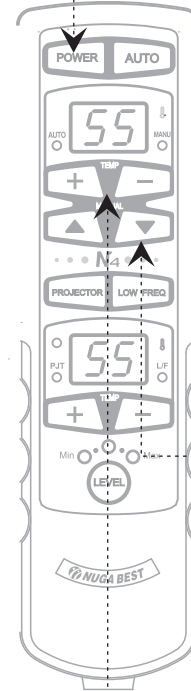


③ Control temperature with +/- button. (Moderate temperature: 55~60°C)

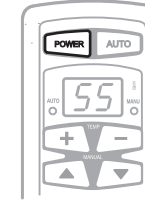
- Range of temperature setting for internal projector: 40~70°C (Temperature of cervical vertebrae projector is fixed at 50°C.)
- Temperature setting unit
40~70°C : Temperature setting per 1°C

Auto ④ Mode

Massage function between the thoracic vertebrae



Power supply



① Press the power button.

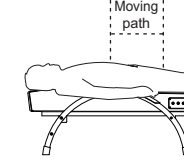
- Check out the connecting conditions of the controller.
- Press the power button once : On
Press it once again : Off

Auto ④ Mode

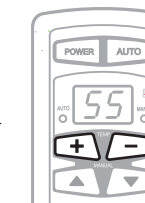
② Press the ▼ button twice (flashing of the manual mode LED) to operate the cervical vertebrae / internal projector. There is no need to manipulate the buttons during the operation once it has started.



It will stop automatically after the 38-min massage between the thoracic and lumbar areas.



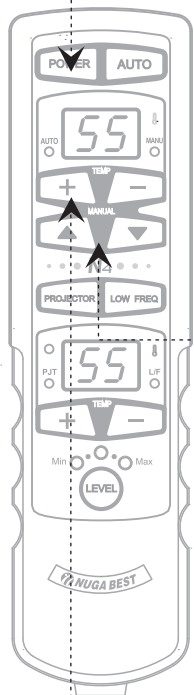
Temperature control



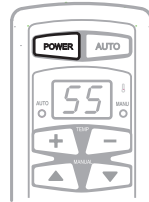
③ Control temperature with +/- button. (Moderate temperature: 55~60°C)

- Range of temperature setting for internal projector: 40~70°C (Temperature of cervical vertebrae projector is fixed at 50°C.)
- Temperature setting unit
40~70°C : Temperature setting per 1°C

Manual Mode



Power supply



① Press the power button.

- Check out the connecting conditions of the controller.
- Press the power button once : On
- Press it once again : Off

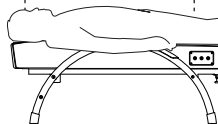
Manual Mode



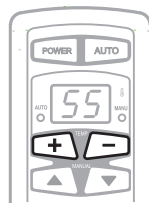
② Use the product after placing the internal projector at the desired position with manual button (▲/▼) during the manual mode. The internal projector moves while (▲/▼) is being pressed.

- ▲ : Moves the internal projector toward the cervical region.
- ▼ : Moves the internal projector toward lumbar region.

Moving path



Temperature control

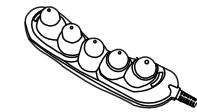
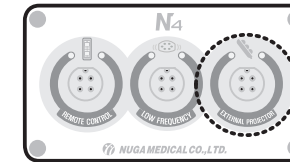


③ Control temperature with +/- button. (Moderate temperature: 55~60°C)

- Range of temperature setting for internal projector: 40~70°C (Temperature of cervical vertebrae projector is fixed at 50°C.)
- Temperature setting unit

40~70°C : Temperature setting per 1°C

Operations



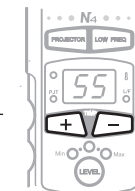
External projector

Connector bay

① Connect the external projector into the connection part on the right side of the main device and press the projector button.

- Check the connection of the projector.
- Press the projector button once: ON
- / Press the projector button one more time: OFF

Temperature control



② Control temperature with +/- button. (Moderate temperature: 55~60°C)

- The projector is not turned on when the actual temperature is higher than the setting temperature, which is not meant to be any failure.
- Temperature setting unit

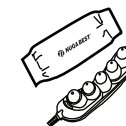
40~70°C : Temperature setting per 1°C

Applied to the specific area



- Apply to the desired area.
- Put the projector cover on before applying it.

Caution



- Ensure the projector to be covered by the projector cover while the external projector is being used.
- Be aware that any direct contact from the projector to the skin during the high temperature setting might cause burns.

* The method of using the abdominal heating pad is the same as that of the external heating projector.

How to Use Controller

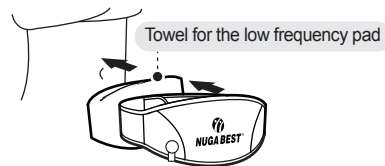
- How to Use Low Frequency Pad

Connection



What is the low frequency pad?

The low frequency pad is a device to improve pain or amyotrophia percutaneously by applying weak current to the human body.



Towel for the low frequency pad

- ① If there is no gel at home, place the wet low frequency pad towel or a piece of 100% cotton towel or cloth on abdomen and wear the low frequency pad.



· When you wet a towel or a cloth with water, please squeeze out completely from flowing water.

Surface to contact the abdomen



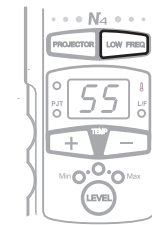
- ② Wear the abdominal band after fixing the low frequency pad accurately.

Various wearing methods You may wear it around any area other than the abdomen.



Low frequency pads can be used for the users with waist size of 26-42 inches.
(With the extension band, it can be used up to the waist size of 47 inches.
Please inquire if it is used for more than 47 inches.)

Power supply

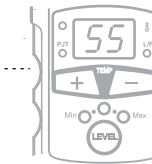


- ③ Press the low frequency button to turn on the power supply for the low frequency pad. (Initial setting is set to 'Weak 1'.)

- Check out the connecting conditions of the low frequency pad.
- Press the low frequency button once: On
Press it once again: Off

Intensity control

- ④ Control the intensity of low frequency with the intensity button. (Refer to the following.)



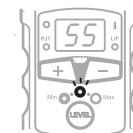
Weak 1:
Green lighting



Weak 2:
Green blinking



Middle 1:
Yellow lighting



Middle 2:
Yellow blinking

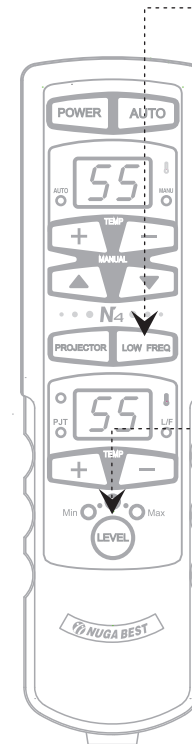


Strong 1:
Red lighting



Strong 2:
Red blinking

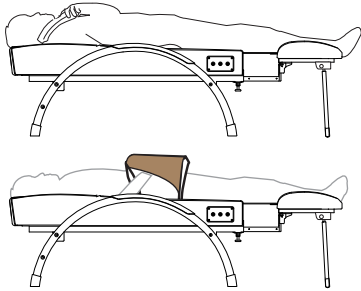
The low frequency pad automatically stops after operations for about 40 minutes.



How to Use Product

Basic use

Normal direction



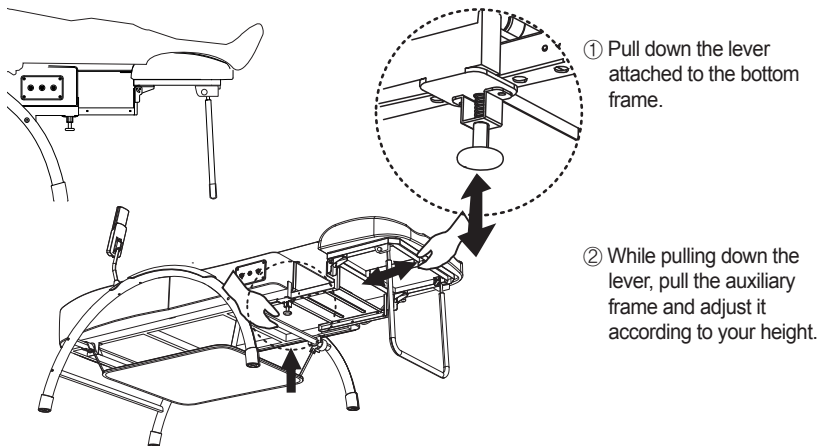
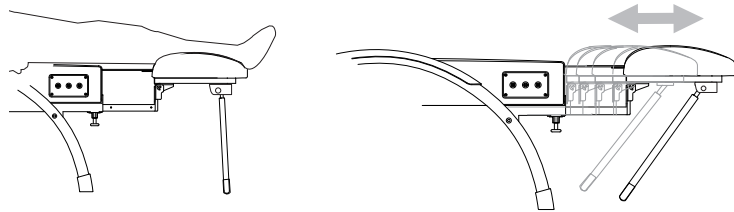
- ① Lie down with your head toward the MAIN MAT and your legs toward the SUB MAT.
- ② In the automatic mode, you can massage your arms or any other desired area using the external projector.
- ③ Do not lie down in the opposite direction.

⚠ Caution

Ensure using the projector cover while applying the external projector. Be aware of burns if the product is applied to a part in the human body for a long time.

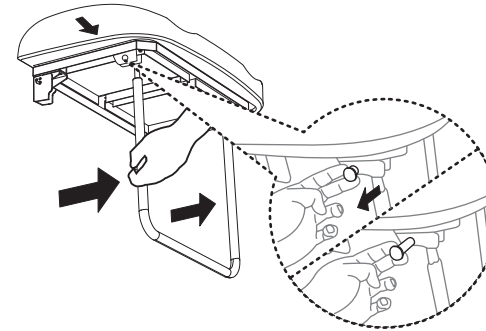
Adjust the length of the sub mat and fix the auxiliary support bar

You can adjust it to 5 different lengths.



- ① Pull down the lever attached to the bottom frame.

- ② While pulling down the lever, pull the auxiliary frame and adjust it according to your height.

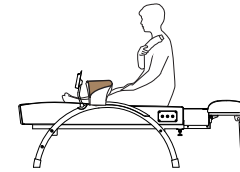


- ③ After pulling out the safety pin loop, open the auxiliary support bar completely toward the outer side. Release the safety pin to fix the auxiliary support bar in place.

⚠ Caution

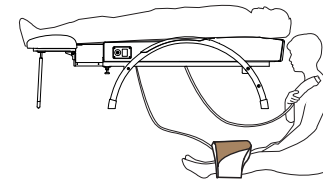
Before use, make sure the safety pin is fixed in place properly. Failure to observe this precaution poses risks of personal injury and product damage.

How to use while sitting



- ① Apply massage with the external projector (or Abdomen heating pad) after operating the product in the same way as the basic use.
- ② Use the product after controlling temperature for the sub mat after stopping operations of the main assembly.

Simultaneous use for 2 users

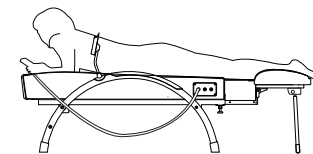


- ① Two users can use the product simultaneously with one person on the product and another person with the external projector (or Abdomen heating pad) while sitting.

⚠ Caution

Ensure using the projector cover while applying the external projector. Be aware of burns if the product is applied to a part in the human body for a long time.

How to apply to the abdominal area

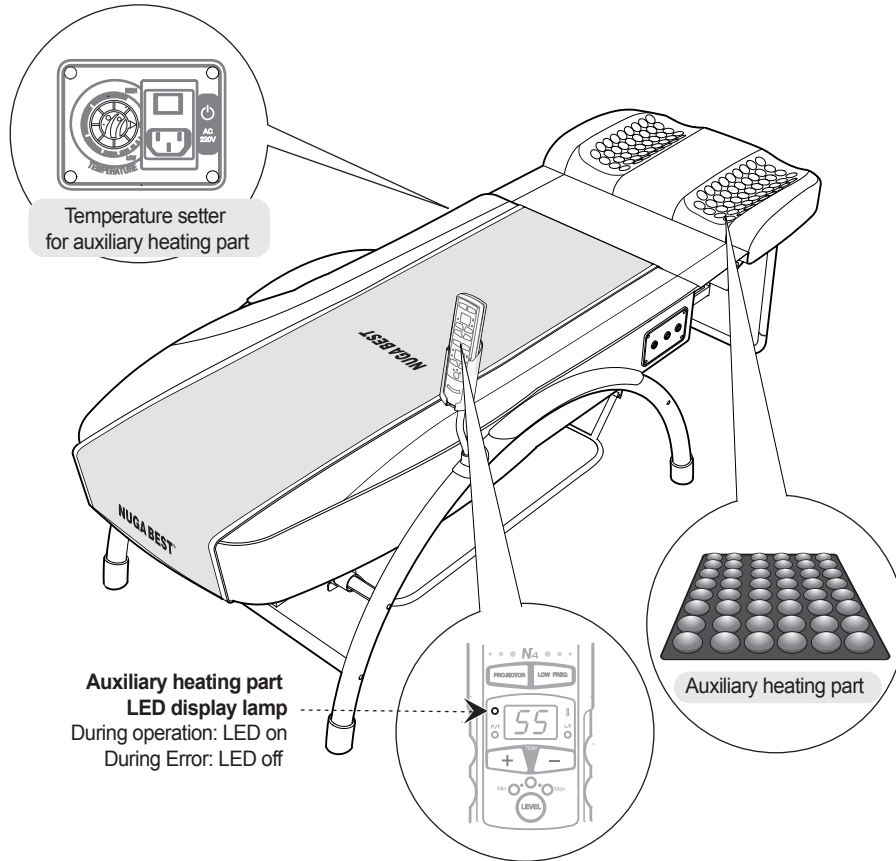


- ① Lie your face down to the main mat and legs to the sub mat.
- ② Press the button with the controller to move the internal projector to the abdominal area. Make sure to lie your face down after the internal projector is positioned at the abdominal area.

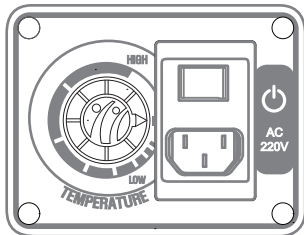
⚠ Caution

Do not apply the product to the chest part but only to the abdominal part manually during massage to the abdominal area. Otherwise, it might cause damage to the human body.

How to Set Temperature for Auxiliary heating part

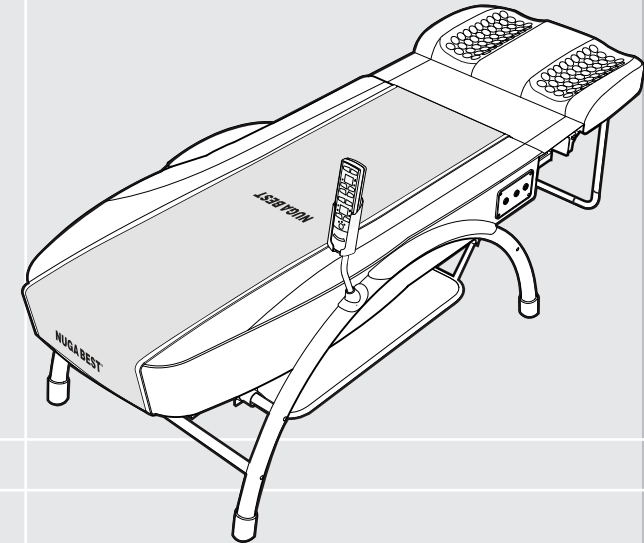


How to Set Temperature for the Auxiliary heating part



The auxiliary heating part operates when the internal projector is turned on. So, turn off the main power and turn the auxiliary heating part dial clockwise to set the temperature (30~65°C).

N4



Product Storage and Care

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How to Store and Clean Product after Use

Check Indicator Window of Controller

i Introduction

1. Separate the power cord while the product is not in use for a long time.
2. Be aware of the following for the storage place.
 - ① Keep the product in a place with no water.
 - ② Keep the product in a place with no concern of any adverse effect such as the air pressure, temperature, humidity, ventilation, sunlight and/or air containing dust, salt, sulfur, etc.
 - ③ Be careful of safety conditions such as the slope, vibration, shock, etc. (including those during transportation).
 - ④ Do not keep the product in a place near any chemical or gas.
 - ⑤ Avoid any direct sunlight during the storage.
3. Store the product after cleaning the components.

Environmental conditions

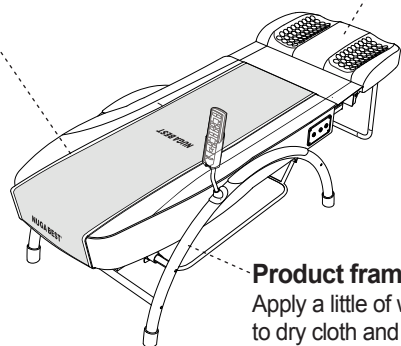
- During operation : Temperature (0~35℃), humidity (20~80%)
- Transport and storage conditions : Temperature (-25~70℃), humidity (20~80%), atmospheric pressure (700~1060hPa)

How to clean

! Caution

Ensure unplugging of the power plug before cleaning. Otherwise, it might cause electric shocks.

Outside cover
Separate and wash the outside cover.



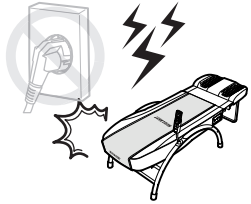
Mat cover
Wipe out the mat cover with wax for leather or dry cloth.

Product frame
Apply a little of water to dry cloth and softly wipe it out.

! Caution

Do not disassemble the product arbitrarily if any error occurs, but remove the power plug, turn off the power switch, and then contact your supplier. If you disassemble the product arbitrarily, it might cause serious injuries and/or damage to the product.

Display	Descriptions	Display location
	Abnormal temperature sensor in the internal projector	Indicator window for the internal projector conditions
	Disconnection of heater bar in the internal projector	Indicator window for the internal projector conditions
	Abnormal temperature sensor in the external projector	Indicator window for the external projector temperature
	Disconnection of lamp in the external projector	Indicator window for the external projector temperature
	Disconnection in the cervical vertebrae projector temperature sensor	Indicator window for the internal projector conditions
	Short-circuit in the cervical vertebrae projector temperature sensor	Indicator window for the internal projector conditions
	Disconnection of heater bar in the cervical vertebrae projector	Indicator window for the internal projector conditions
	Disconnection in the upper or lower limit switch	Indicator window for the internal projector conditions
	Motor current overflow	Indicator window for the internal projector conditions
Power off	Overheating of the temperature sensor	



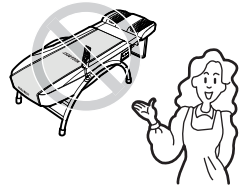
Stop using the product immediately and remove the power plug if there is any lightning.



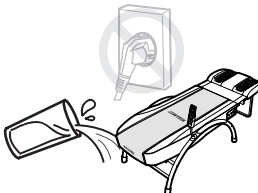
Stop using the product immediately and contact your supplier branch or our company if you smell any burn or detect any smoke from the product.



Stop using the product immediately and consult with a doctor if any abnormality occurs to the human body.



Turn off the power switch immediately, stop using the product and contact our company if you find out any failure or power failure from the product.



Turn off the power switch, remove the power plug immediately, and then contact our company if you have poured water into the product.



Caution

There might be risk of injuries or fire if you fail to check out the followings. Make sure that you check out the following.

Check before use

1. Is the power cord connected to an outlet? Yes No
2. Is the controller operating well? Yes No
3. Is the temperature indication displayed on the temperature indicator window on the controller? Yes No
4. Is the temperature of the projector not too high? Yes No
5. Is the temperature of the auxiliary heating part not too high? Yes No
6. Is the power supply for both the internal and external projectors turned on? Yes No
7. Did you check out conditions for any damage to the power cord or cable conditions? Yes No

Check after use

1. Is the temperature on the temperature indicator window of the controller turned off? Yes No
2. Is the operating lamp on the controller turned off? Yes No
3. Is the power lamp on the projector turned off? Yes No
4. Is the power switch turned off appropriately? Yes No
5. Is the power cord separated from the socket? Yes No



Caution

Ensure checking out the followings before applying for A/S if any abnormality occurs in the product.
The product might fail to operate normally even without any failure if you use it without reading the manual.

Checklist for any abnormality on the controller

If various indicator lamps on the controller are not operating;	<ol style="list-style-type: none"> ① Turn on the main power switch. ② Check out if the power cord is accurately connected. ③ Check out if the fuse inside the main power switch is disconnected. ④ Check out if other operating keys are pressed on the controller.
When you see an Error message "1E";	<p>This warning message is shown when the heater bar of the internal heating projector is not functioning properly. In this case, replace the heater bar to fix the problem. Do not disassemble the product but contact your nearest supplier or A/S center.</p>
When you see an Error message "3E";	<p>It is a safety message due to failure in the heating lamp for the external projector. The product will operate if you replace the heater lamp. Do not disassemble the product but contact your nearest supplier or A/S center.</p>
When you see an Error message "6E";	<p>This warning message is shown when the heater bar of the heating projector for the cervical vertebrae is not functioning properly. Do not disassemble the product but contact your nearest supplier or A/S center.</p>

Checklist for any abnormality on the internal projector

If the internal projector is not operating;	<ol style="list-style-type: none"> ① Check out if the power cord is accurately connected. ② Connect the connector for the controller again. Do not disassemble the product but contact your nearest supplier or A/S center.
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Checklist for operations of the low frequency pad

If the low frequency pad is not operating;	Check out if the connector for the low frequency pad is connected accurately.
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Product name and model name	Thermal massager N4
Manufacturer	NUGA MEDICAL CO.,LTD. 185, Jiraeul-ro, Jijeong-myeon, Wonju-si, Gangwon-do, Korea
Date of manufacture / number of manufacture	Marked on the product
Product weight	Main : 26.5 kg Sub : 2.4 kg Frame : 18.6 kg
Product size	Main mat: 1210 X 610 X 160 (mm) Sub mat: 580 X 360 X 95 (mm) Product frame: 1630 X 694 X 484 (mm)
Cautions during use	Refer to the user manual
Operating method	Refer to the user manual
Electric rating	AC 220-240V~, 50-60 Hz
Power consumption	260 W

Memo

Product Warranty

Company	Product name	
	Model name	
	Warranty period	1 year from purchase
	Date of purchase	
	Place of purchase	
Customer	Phone	
	Name of customer	
	Customer number	
	Address	

- ※ Please keep this warranty carefully. You can receive sufficient service only by presenting this warranty with the place and the date of purchase.
- NUGA Medical Co., Ltd. provides warranty of this product according to the regulations of the Consumer Protection Act.
- Contact your local sales retailer or NUGA Medical office when the product is damaged.
- The spare parts of this product are secured for 3 years after this product is discontinued.
- You must have the place of purchase written in the warranty at the time of your purchase in order to receive warranty repairs.
- 1. The warranty is valid until 1 year from the date of purchase and only damages caused during normal operation are subject for warranty repairs.
- 2. The warranty period of this product is calculated from the date of purchase, and therefore have the store of purchase record the date of purchase on your warranty when you purchase the product (When the date of purchase cannot be verified, the warranty period is added from the day after 6 months from the date of manufacture).
- 3. When this product is used for commercial purposes (e.g., used for sales, in abnormal environment, etc.) or for industrial purposes, the warranty period is reduced to 6 months. (including essential spare parts)
- 4. This warranty cannot be reissued.
- ※ Warranty repair is not provided in the following cases.
 - When damage is caused by natural disasters (e.g., fire, earthquake, flood, and wind)
 - When replacing consumptive parts that normally wear from use
 - When damage is caused by an abnormal power source or faults in a connecting unit.
 - Other external reasons other than faults of the product itself.
 - When damage is caused by repairs or modifications done by a person who is not a certified repair personnel of NUGA Medical's local office or service center.

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