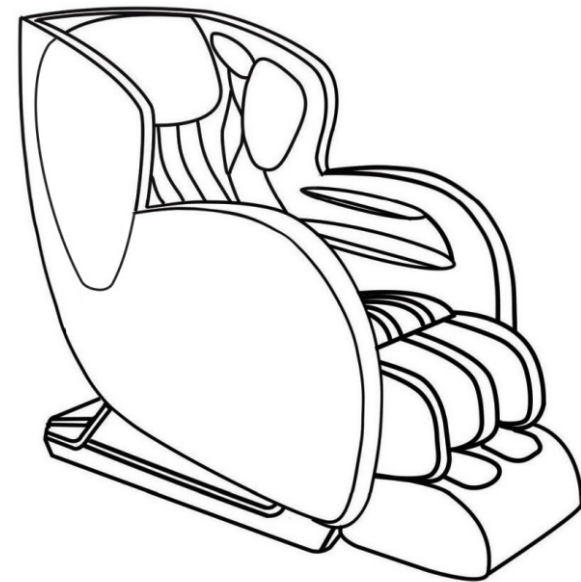


MA102 User Manual



The company reserves the right to improve the product and the manual, and will not notify separately of any changes.

This manual is a general version; the appearance and functions of the product are subject to the actual item.

This booklet has been carefully checked, but it does not exclude the possibility of printing errors or misunderstandings in the content. We appreciate your understanding; the company reserves the right of interpretation.



Improper disposal of waste can cause environmental pollution.

The names and contents of harmful substances in this product are indicated in the table below.

Component Name	Harmful Substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr)	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
Shell	○	○	○	○	○	○
Circuit Board Components ※	×	○	○	○	○	○
Metal Parts	×	○	○	○	○	○
Rubber Parts	○	○	○	○	○	○
Power Cable / Adapter	×	○	○	○	○	○
Internal Signal Connection Cable	○	○	○	○	○	○
Leather	○	○	○	○	○	○

This table is prepared in accordance with the provisions of SJ / T11364

※ : Circuit board components include parts that make up printed circuit board machines, such as resistors, capacitors, integrated circuits, connectors, etc.

O: Indicates that the content of the hazardous substance in all homogeneous materials of this component is below the limit requirements specified in GB/T 26572.

x: Indicates that the content of the hazardous substance exceeds the limit requirements specified in GB/T 26572 in at least one homogeneous material of this component.

Environmental Use Period Description

This electronic appliance product, when used under the conditions described in the manual, has a period of 10 years during which the hazardous

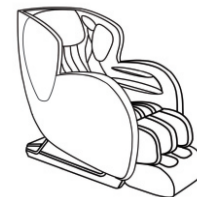
substances or elements contained will not leak, will not cause environmental pollution, or cause serious harm to personal safety or property.



CATALOG

Directory

Safety Precautions	1
Component Names and Functions	2
Appearance Structure	3
Internal Structure	3
Controller	4
Controller Button Instructions	5
Functional Features	6
Preparation Before Use	7
Installation of Controller Components	7
Other Components	7
Installation Location	8
Floor Protection	8
Surrounding Environment	8
Grounding	8
Movement Method	9
Power On	9
Overall Debugging	10
Before Seating	10
Calf Lifting and Stretching	11
After Use	11
Maintenance and Storage of the Product	12
Common Issues and Solutions	13
Product Technical Parameters	14





Thank you for purchasing this product.

Before use, please read this user manual carefully and pay special attention to safety precautions to ensure correct operation and usage. Please keep this user manual properly for future reference.

Safety Precautions


- ▶ Before use, please read this 'Safety Precautions' carefully and use it correctly.
- ▶ The precautions indicated here will help you use this product safely and correctly.
- ▶ To clearly indicate the severity of hazards and damages, the precautions will categorize potential damages from incorrect use into 'Warning' and 'Caution'. Both are important content related to safety, please be sure to comply.

 Warning	Indicates incorrect usage, the user may suffer serious injury.
 Attention	Indicates incorrect usage, the user may suffer injury or material damage.


 Indicates prohibited use.	 Indicates prohibited disassembly.
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Persons Unsuitable for Using This Product


If you experience the following symptoms, please consult a doctor first and use under the doctor's guidance.

 Warning	<p>Those using medical electronic devices implanted in the body, such as pacemakers.</p> <ul style="list-style-type: none"> • Those currently receiving treatment from a doctor, especially if feeling unwell. • Patients with malignant tumors, acute diseases, heart disease, severe hypertension, etc. (requires supervision by a healthy person) • Pregnant women or those currently on their menstrual period. • Patients with osteoporosis, spinal fractures. • People with skin injuries, those who need quiet rest. • People with a body temperature above 38 degrees (during fever). <p>When the product is heated, individuals who are not sensitive to heat must exercise caution. (Supervision by a responsible adult is required)</p> <p>Individuals with intellectual disabilities or minors must be supervised by a responsible adult when using.</p>
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Controller Precautions

 Attention	<ul style="list-style-type: none"> • Do not operate the controller with wet hands or pull the controller's wire forcefully. • Do not splash water on the controller to avoid functional failure. • Do not place heavy objects on the controller.
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About the power plug and power cord

 Attention	<p>Do not use a power supply rated outside the specified voltage to avoid fire hazards or damage to the product.</p> <p>Do not unplug the power cord with wet hands to avoid electric shock.</p> <p>When removing the power cord, hold the plug and not the wire.</p> <p>The power cord should not be pinched by the product or other heavy objects.</p> <p>Do not damage, break, excessively bend, pull, twist, or knot the power cord.</p> <p>If the power cord is damaged, do not attempt to disassemble or replace it yourself; contact the distributor or a qualified professional for replacement or repair.</p>
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Product Technical Parameters / Common Issues and Handling Methods / Operating Environment


Product Technical Parameters

Product Name	Smart Massage Chair	Rated Frequency	50/60Hz
Product Model	MA102	Rated Power	150W
Rated Voltage	AC110V-220V	Safety Design	Category
Implementation Standards	GB 4706.1-2005 GB 4706.10- 2008		


Common Issues and Handling Methods

Serial Number	Phenomenon	Possible Causes	Handling Method
1	A 'whoosh' sound occurs during operation. A 'tapping' sound.	Normal sounds produced by the motor during operation or the sound of the massage ball rubbing against the fabric cover.	No processing required
2	Unable to power on	The power plug is not properly inserted	Insert the power plug properly
		The power switch is not turned on	Set the power switch to the 'On' position
		The fuse of the massage chair is damaged	If damaged, replace with a fuse of the same model
3	The speaker has no sound	The volume has been turned down to the lowest	Increase the volume
4	The backrest frame or calf massage frame cannot be raised or lowered	Excessive pressure has been applied to the back and calf massage frame	Reduce the pressure applied to the back or calf massage frame





If the above treatments have been carried out and there are still abnormal phenomena, please contact the local distributor for maintenance.

 Notice Do not disassemble or repair the product without authorization. The company will not be responsible for any damage to the product or injury to personnel caused by this! Thank you for your cooperation.

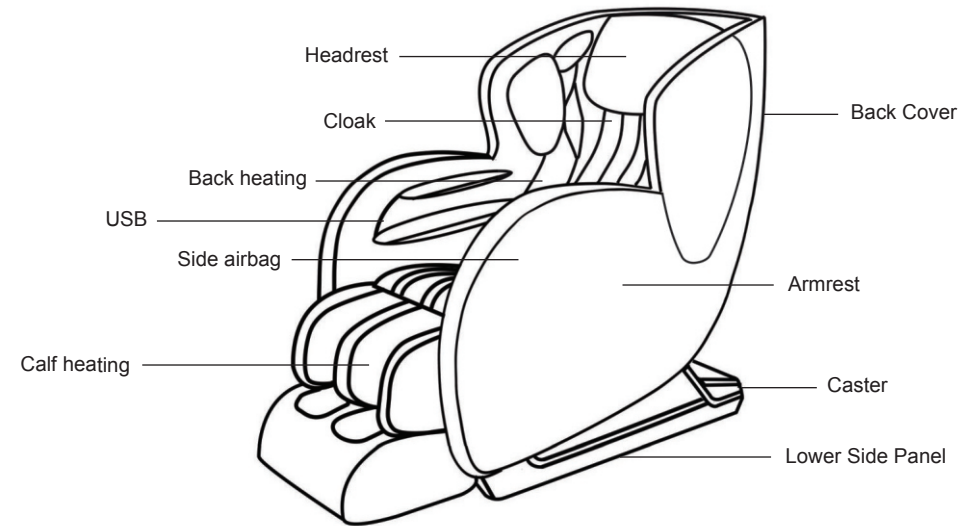
Usage environment

 Attention	<ul style="list-style-type: none"> • Please do not use this product in an environment where the room temperature exceeds 40 °C. • Please do not use the product in a humid environment or one with excessive dust to avoid electric shock or machine failure. • Please do not use during thunderstorms, and unplug the power plug from the power socket. • Please place the product on a flat surface for use. • Please do not place the product outdoors. • Please do not place the massage chair near a stove or in direct sunlight.
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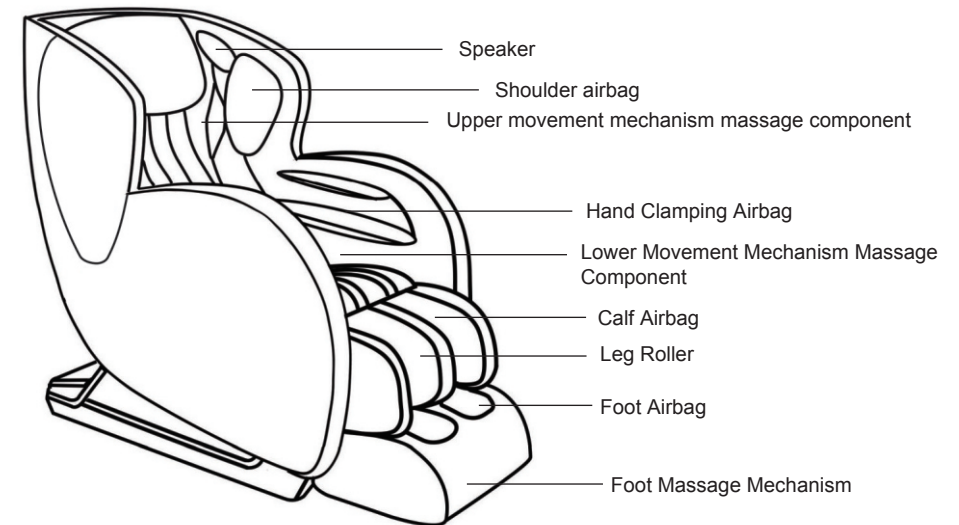
Precautions for Use

 <p>Attention</p>	<ul style="list-style-type: none"> • This product is intended for use by individuals weighing less than 120 kilograms. • Please do not use other therapeutic devices while using this machine. • Do not use for therapeutic purposes. • This product is intended for single-person use only; do not use with two or more people simultaneously. • Do not use immediately after meals to avoid discomfort. • It is recommended to use this product for twenty minutes each time. • When using the product, do not place valuable items such as mobile phones in your pockets, and remove any jewelry from your arms. • Before use, please lift the back cushion to check if the fabric in the backrest area and other areas is damaged. If there is any damage, please stop using it immediately and arrange for repairs. • If you experience any abnormalities in your body during the usage process, please stop using it immediately and consult a doctor. • When adjusting the backrest or calf angle, please ensure that there are no people or other obstacles behind the chair, and confirm that there is sufficient space before proceeding with the adjustment. • When lowering the leg or backrest, be sure to prevent applying excessive external force at the leg or backrest area. Additionally, ensure that there are no children, animals, or other objects underneath the leg or backrest. • Do not ride or sit on the product to avoid injury or malfunction. • Do not move the casters on surfaces that can be easily damaged, such as wooden floors and carpets, or push and pull the product.
 <p>Prohibition</p>	<ul style="list-style-type: none"> • If the product is found to be damaged, cracked, leaking, or if any related components are exposed, do not use. • Do not stand on the calf or place other heavy objects on it. • Do not allow children to use or play on the massage chair. • Please do not sleep on the product while it is in operation. • Please do not use this product while intoxicated or unwell. • Do not insert fingers or other objects into the gaps of the product to avoid injury or malfunction. • If any abnormal conditions are found during use (such as smoke, strange odors, etc.), do not use.
 <p>Disassembly Prohibited</p>	<ul style="list-style-type: none"> • Do not disassemble the internal components of the product without authorization to avoid potential machine failure. • Except for the repair technicians designated by our company, no one is allowed to disassemble, repair, or modify the product. If there are any issues, please contact the distributor promptly.
 <p>Unplug the plug</p>	<ul style="list-style-type: none"> • When performing maintenance, please unplug the power plug from the socket. • Additionally, do not plug or unplug the plug with wet hands to avoid electric shock and injury. • After use or when not in use, please unplug the power plug from the socket. • In case of a power outage, please immediately turn off the power switch and unplug the power plug from the socket.

Appearance Structure



Internal structure



Maintenance Method

- For dirt on plastic parts such as the back cover, armrest, calf massage frame, and air tubes, please use a cotton cloth soaked in neutral detergent, wring it out, and wipe clean. After everything is wiped clean, use a dry cloth to carefully wipe again.
- For dirt on the controller, power box, or other components, please wipe with a dry cloth.
- For dirt on the back cushion or pillow cushion, please first wipe with a cloth dampened with neutral detergent, then wipe with a wet cloth, and finally place it in a ventilated area to air dry.
- For dirt on the leg fabric cover, please unzip and remove the fabric cover, wash it with neutral detergent, and after it dries, reattach it to the calf plastic frame.



Warning

- When performing maintenance, be sure to unplug the power supply. Do not unplug with wet hands to avoid electric shock and injury. When wiping the back cover, be careful to prevent detergent from entering the power box!
- Do not use corrosive cleaners such as benzene or thinners to clean the product, as this may cause discoloration, corrosion, or cracking of the massage chair structure.
- Do not iron the product fabric.

Storage Method

- After removing dirt and dust, if not used for a long time, please cover with a dust cover (self-provided) to prevent dust accumulation.



Attention

Do not place the product under direct sunlight or in high-temperature areas to avoid fading of the product's lining.

Warm Reminder

When used for a long time, please be sure to check for the following symptoms:

- There is a burnt smell.
- Sometimes the power is on after touching the wire, and sometimes it is off.
- The power cord is heating up.
- Other abnormalities



Attention

If any of the above phenomena occur, to prevent faults and accidents, please stop using the massage chair. Turn off the power switch, unplug the power plug, and contact the distributor from whom you purchased this product or our company. Any repairs other than the normal operation and maintenance mentioned above shall be carried out by authorized distributors or service agencies of our company.

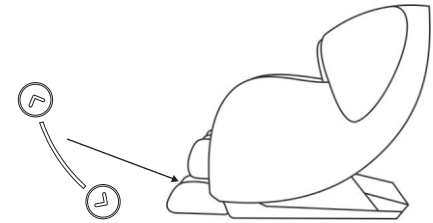


Warning

When performing maintenance, be sure to unplug the power supply. Please do not unplug with wet hands to avoid the risk of electric shock and injury. Users are strictly prohibited from disassembling or repairing this massage chair themselves. If damaged, please send it to a professional repair point for maintenance.

Calf Lift Adjustable

The calf lift angle can be automatically adjusted by pressing the 'Leg Up' or 'Leg Down' buttons.



The spring extension distance of the calf is approximately 13 centimeters.



Warning

- It is strictly prohibited to play on the chair or engage in improper operations.
- When adjusting the angle of the calf and backrest components, first ensure that there are no obstacles around the product.
- It is strictly prohibited to insert legs, feet, or other objects into the gaps of the chair while the calf component is being lifted.
- It is strictly prohibited to get up from the chair while it is in the reset state.

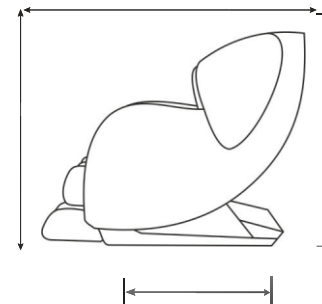
After Use

- After using the massage chair, please turn off the power switch and unplug the power plug from the socket.
- Place the controller on the controller bag.
- To prevent children from accidentally starting the massage chair and causing accidents, the power switch should be turned off when the massage chair is not in use, and then the power plug should be unplugged from the power socket.
- If not used for a long time, please store the massage chair properly.

Product Size

Side

Length Approximately 143.5cm

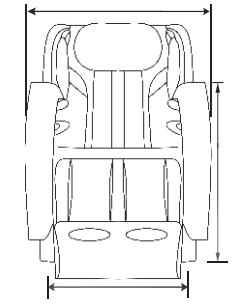


Backrest Height
111.9cm

Contact Ground Length Approximately 86cm

Front

Armrest Width Approximately 75.3cm



Armrest Height
66cm

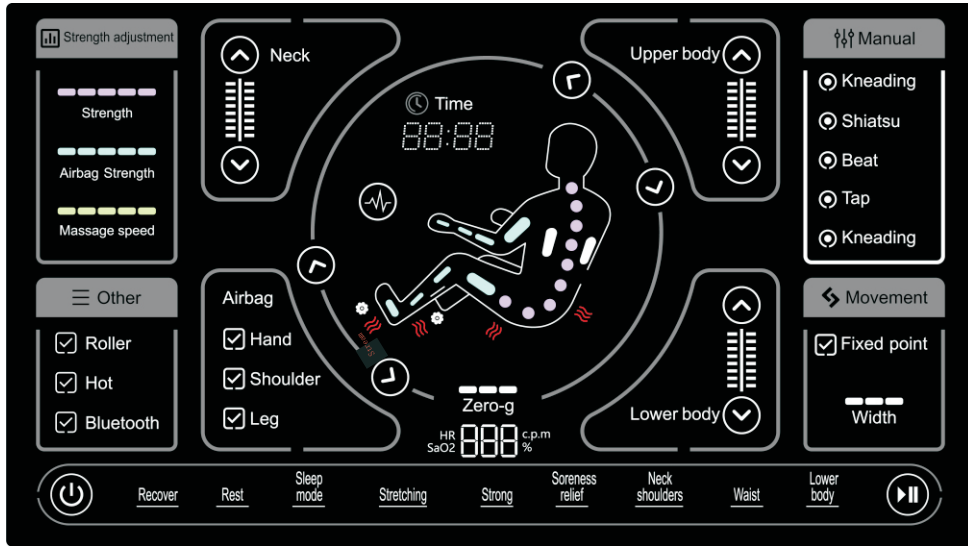
Contact Ground Width Approximately 59cm

Size Description

Massage Chair Upright Dimensions: Length 1435mm x Width 753mm x Height 1119mm

Reclined State Dimensions: Length 1710mm x Width 753mm x Height 823mm

Controller



Controller Button Instructions

Power Switch Button: Turn the whole machine massage function on/off.

- In the powered-on state, press this button to turn on the massage chair, then select other buttons (such as automatic programs, massage techniques, etc.) for a massage experience.
- Press this button again to turn off the whole machine function, and the massage chair will reset.

Fully automatic program button: Press this button to activate the massage chair, which offers nine automatic massage programs to choose from.

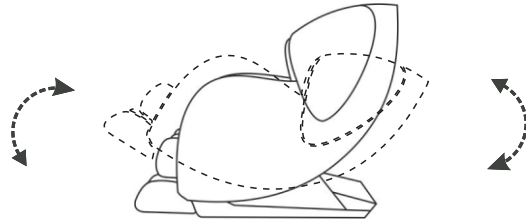
Fatigue recovery through simulated manual massage stimulates the body, effectively alleviating fatigue and muscle tension.
Leisure relaxation through gentle techniques alleviates fatigue in the neck and shoulders.
Sleep mode through simulated human techniques massages, breaking down stress and soothing the body and mind, thereby improving sleep quality.
Thai-style stretching features comprehensive and strong characteristics, which can stretch the body and effectively stimulate the muscles, promoting relaxation and flexibility.
Strong waist and back massage specifically targets the spine through techniques such as acupressure, tapping, and kneading.
Relief of soreness through simulated techniques that apply strong pressure from the neck to the upper thigh, alleviating discomfort.
Neck area improvement through techniques such as kneading and tapping to massage the shoulders and neck, relieving soreness.
Waist and hip relaxation through massage of the waist and hip acupoints, alleviating waist and hip soreness, enhancing muscle vitality
Gentlemen's decompression through gentle massage techniques, soothing tense nerves, relaxing the body

	For every increase of one level in 4D intensity, the massage head of the mechanism will protrude approximately 1.5cm
	As the airbag intensity increases by one level, the inflation time of the airbag will increase by 2 seconds.
	As the massage speed increases by one level, the speed of the movement mechanism will increase by 10%.
Roller Massage	Foot and calf roller massage can be performed.
Heat	Heating can be performed on the calf and back; under human load conditions, the measured maximum temperature is approximately 50 °C.
Blue	To connect to the mobile phone via Bluetooth, open the device (Bluetooth name: lisso massage chair).
	When the upper shoulder position detection of the massage position is not completed, the movement mechanism can be adjusted to move upward.
	When the lower shoulder position detection of the massage position is not completed, the movement mechanism can be adjusted to move downward.
Airbag Area	Selectable Airbag Massage Positions
Hand	Arm Airbag Inflation Massage
Shoulder	Shoulder Airbag Inflation Massage
	Leg and Foot Airbag Inflation Massage
Leg Elevation	Press and hold this button, the calf will automatically rise to the highest position.
Leg Descend	Press and hold this button, the calf will automatically descend to the upright position.
Zero Gravity Levels 1.2.3	Three variations for adjusting the reclining angle of the massage chair backrest.
Backrest Ascend	Press and hold this button, the backrest will automatically rise to an upright position
Backrest down	Press and hold this button, the backrest will automatically lower to the lowest position
Movement mechanism up	Manual mode adjusts the upper movement mechanism upwards
Movement mechanism down	Manual mode adjusts the upper movement mechanism downwards
Movement mechanism up	Manual mode adjusts the lower movement mechanism upwards
Movement mechanism down	Manual mode adjusts the upper movement mechanism downwards
Knead	Knead the movement mechanism using mechanical motion or air bags to simulate the actions of kneading and pinching by human hands on the body
Finger	Press The massage mechanism simulates the action of a human thumb on the body
Tap	Hit the massage mechanism relying on mechanical motion to simulate the striking action performed by human hands on the body
Light Pat	The tapping speed is relatively slow, with a brief pause between each tapping cycle for a massage action.
Gently pat with fist massage	The tapping speed is relatively light with a slightly faster frequency of tapping actions, and there is a brief pause between tapping cycles for a massage action.
Full / Point Massage	The movement mechanism moves up and down on the back for massage 1 The movement mechanism is fixed in one position for massage.
Wide / Medium / Narrow Massage	Control the range of the movement mechanism's massage width.
Electric	Source to turn on/ off the whole machine's massage function.

Whole Machine Debugging

- Use the controller to place the backrest frame to the extreme position, raise the calf frame to the highest position, and extend it to the longest position. Before operation, ensure that there is sufficient space around the massage chair.

- After testing all functions are correct, fully reset the massage chair and turn off the power switch.



Before sitting down

- Ensure that the calf massage bracket is securely attached to the main unit of the product.
- Before sitting down, confirm that all components are in their original position. If any part of the product is not in its original position, please turn on the power switch to return it completely to its original position.



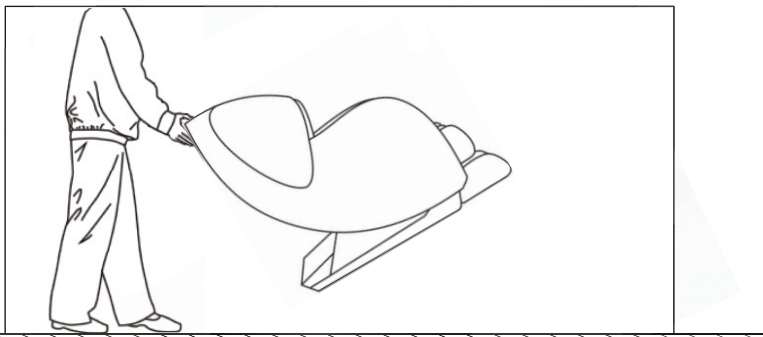
Attention

- Do not sit down when the calf massage bracket is raised.
- Do not suddenly apply excessive pressure on the calf massage frame, otherwise it may damage the mechanical structure.

Moving Method

The bottom of the product is equipped with wheels for easy movement.

- Raise the backrest to the highest position.
- Turn off the power switch and unplug the plug.
- When moving, use the handle at the front lower part of the armrest to lift the front half of the product, while pressing down on the backrest with a person, then use the wheels to move it to the desired location.



Attention

- When the product is occupied, do not move it.
- When moving the product, please support the bottom of the product and hold the backrest to move it. (It is recommended to have at least 2 people.)

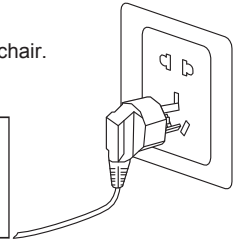
Turn on the power supply

- Insert the power plug into a well-grounded three-core power socket.
- Turn on the red toggle switch on the rear electric control box of the massage chair.



Attention

- Before turning on, please ensure that the power cord and all exposed wires are undamaged.
- Before plugging in, please ensure that the massage chair power switch is in the off position.



1. Forward movement function

Move forward 20CM, the seat frame has a forward movement mechanism underneath. In a naturally relaxed reclining position while sitting on the chair, completely release body pressure; the back is designed to work in conjunction with the seat frame, effectively saving space for the use of the massage chair.

2. Zero Gravity

Based on the principles of aerospace cabin seating, the massage chair utilizes simulation technology to create a completely relaxed and naturally comfortable massage posture, fully compliant with ergonomic design. This allows the back, hips, and legs to tilt synchronously into a zero-gravity cabin-like reclining state, enabling the person sitting in the chair to achieve the most relaxed reclining angle. The massage chair absorbs body weight, completely releasing body pressure, allowing all muscles to be in a fully relaxed state, making you feel as if you have entered a 'zero gravity' state, thus enjoying the pleasure of 'zero gravity' massage.

3.2D Massage Movement Mechanism

The innovative design of the 2D large range massage movement mechanism and walking mechanism perfectly conforms to ergonomic principles.

4. Automatic Elastic Stretching Calf

The automatic spring stretching function of the calf massage frame. Its stretching reaches 13 centimeters, accommodating users of various heights.

5. Airbag Massage

The product is equipped with multiple airbag massage functions (arm, shoulder, calf, and foot airbag massage).

6. Roller Massage

The foot base is equipped with roller massage, which can provide comprehensive acupressure massage to the soles and the center of the feet.

7. Various Massage Techniques

This product is designed with various massage techniques: tapping, kneading/synchronous tapping, percussion, kneading, acupressure, and the calf area features scraping and squeezing massage functions, allowing you to enjoy the services of a massage therapist.

8. L-Shaped Extra Long Track Design

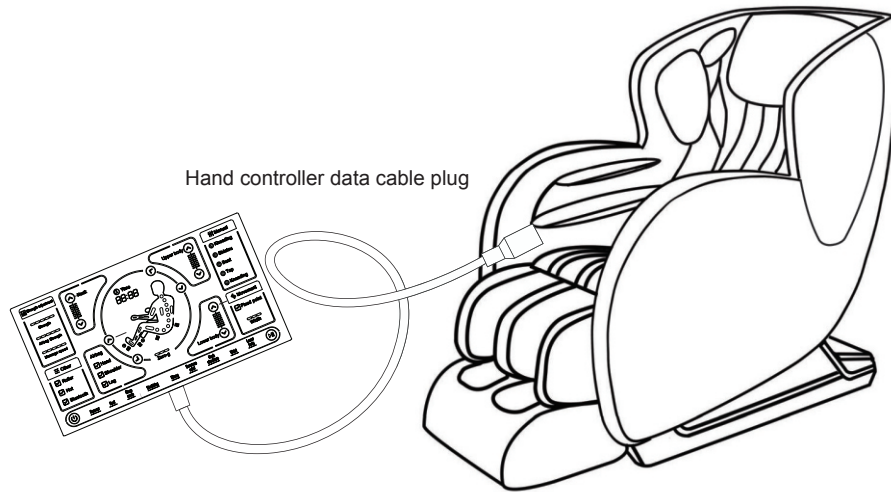
The L-shaped ultra-long track design of this product makes the massage more comfortable and more user-friendly.

Note

- Please do not disassemble the internal components of the product without authorization, to avoid the possibility of machine failure.
- Please do not let water or other liquids splash into the controller to avoid key failure or program errors.
- Please do not press or squeeze the controller or power cord with heavy objects.

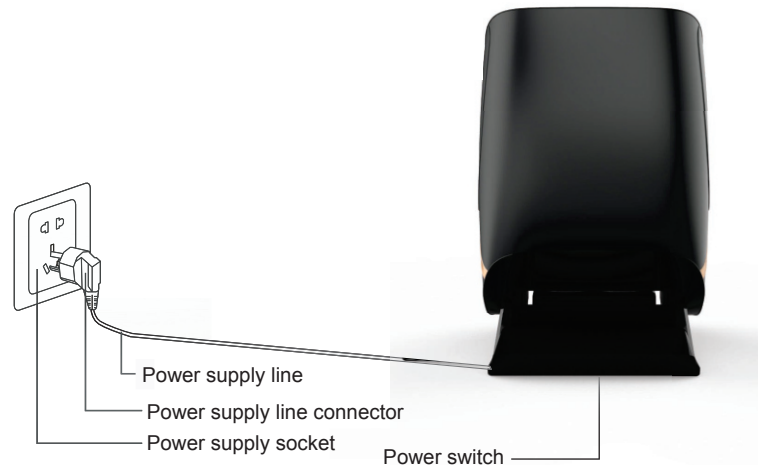
Method of Movement

- Install Controller Components
- Connect the data line plug on the controller component to the connection port located above the right side of the armrest frame (note the concave and convex points between the plug and the port); then rotate the locking nut on the plug clockwise to tighten it. (See the diagram below)



Other accessories

- First connect the power cable. Align the plug with the power socket on the power box under the backrest.
- Then insert the power supply plug into the 220V socket, turn on the power switch located at the bottom right side of the armrest, and the controller can be used.

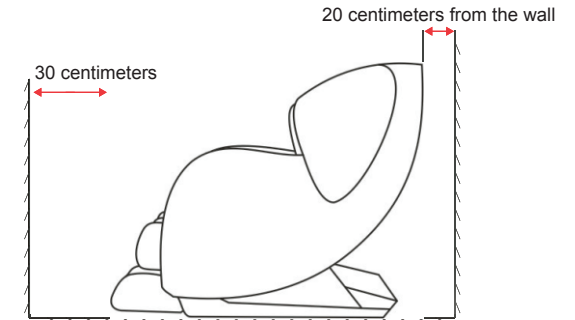


Installation Location

Safety Distance Around the Massage Chair:

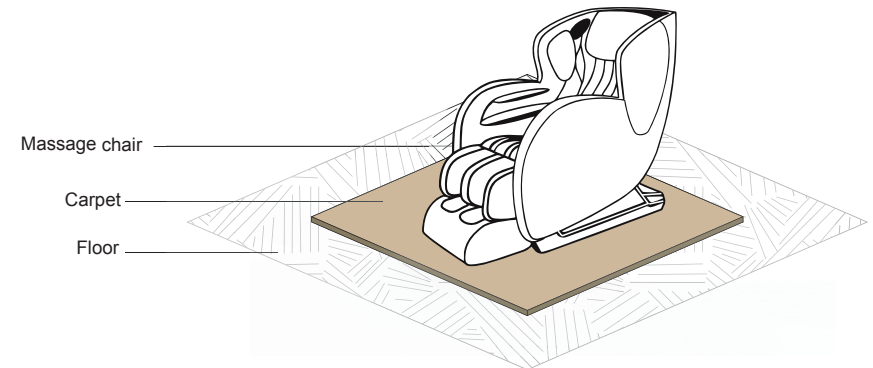
Please place this product in a location with sufficient space: The horizontal distance when the backrest frame is raised to the highest and lowered to the lowest is 20 cm, and the horizontal distance when the calf frame is raised to the highest and the whole machine is moved forward and lowered to the lowest is 30 cm. Ensure that there is a distance of more than 20 cm behind the product and more than 30 cm in front.

Maintain a distance of more than 1 meter from audiovisual devices such as televisions and radios to prevent signal interference.



Floor protection

Before use, it is recommended that you place a carpet underneath the massage chair. Use a cushioning medium to avoid noise or damage to the floor.



Surrounding environment



Do not place the massage chair in a damp area (such as a bathroom) to prevent the machine from getting wet and causing electric leakage.



Do not place the massage chair near heat sources (such as a stove) to avoid fire hazards or damage to the leather.

Grounding



This massage chair belongs to Class I electrical appliances. Be sure to use a three-prong power socket. Please ensure that the ground wire on the power socket is properly grounded to avoid electric shock and other adverse consequences due to leakage during use.