# Kiwami

## Massage Chair

Product Name: 4D-970

Category: machinery and appliances
General designation: household electric massage chair

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### Purpose of use, effect-efficacy

Substitution of massage for home-use
- Thank you very much for purchasing our massage chair.
- Carefully read this operation manual before use and only use as directed.
- Please read the safety precautions on pages 3-7 before use.
- Keep this operation manual where it will be readily available for future referral.
- Please recycle the outer packaging material where possible.
# IMPORTANT SAFETY INSTRUCTIONS

- Read these "Important Safety Instructions" before use and use this product properly.
- These important safety instructions are prescribed to ensure correct usage of the product, and to prevent injury and damage to the user and other persons.
- Followings are the display and contents.
- Please keep to the regulations as these are important instructions for your safety.

<table>
<thead>
<tr>
<th>DANGER</th>
<th>Improper usage may result in serious injury of death.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WARNING</td>
<td>Improper usage may result in injury or damage to property.*</td>
</tr>
</tbody>
</table>

*Property refers to houses, household belongings, domestic animals and pets.

<table>
<thead>
<tr>
<th>☓ Prohibited actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>The prohibited action is illustrated inside the illustration (for example, the illustration on the left refers to &quot;Prohibiting disassembling&quot;)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>● Directives, actions which are compulsory</th>
</tr>
</thead>
<tbody>
<tr>
<td>The prohibited action is illustrated inside the illustration (for example, the illustration on the left refers to &quot;unplugging the power plug&quot;)</td>
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</tbody>
</table>

- Always keep this operation manual where it will be readily available for referral.
- Attention: When disposing of this product and/or its accessories, do so in accordance with local laws and regulations. For details, please refer to your local authority.

## DANGER

When following person use the heater function, those who are around the user may pay attention to the user.
- elderly, ailing person, those who cannot operate by themselves
- persons with skin weakness
- persons who took medicine that cause drowsiness (sleeping pills, cold medicine)
- persons with heavy drinking, heavy tiredness
- persons with hematogenous disorder (diabetes, etc.)
- persons who receive a note from the doctor

There is a risk of low temperature burns, dehydration.

The following persons must consult a medical physician before using this product.
- Persons using a medical electronic device embedded in the body such as a pacemaker susceptible to the electromagnetic disturbances.
- persons with malignant tumors.
- persons with heart diseases.
- persons who are pregnant or those immediately after childbirth.
- persons who suffer from paresthesia related to peripheral circulatory disturbance due to diabetes etc.
- persons with wounds on their skin.
- persons in need of repose.
- persons with Temperature sensory loss.
- persons with body temperatures exceeding 38°C. (when strong acute inflammation symptoms, malaise, hills, blood pressure fluctuations are observed, when debilitated)
- persons who suffer from osteoporosis, spinal column fractures, or acute pains.
- persons with abnormalities in the spine, or those whose spines are bent.
- persons with herniated discs.
- persons who feel an abnormality on the body not prescribed above, persons in treatment by a doctor.
## IMPORTANT SAFETY INSTRUCTIONS

### DANGER

- If the chair stops moving or any abnormalities occur, unplug the power plug and contact the point of purchase for an inspection/repairs. Electrification, short circuits and fire may occur.

- Take care of the movements of the knead balls when massaging around neck. Avoid excessive massaging or massaging the front of the neck. Accidents or injuries may occur.

- When reclining or lowering the footrest, always check underneath and surroundings the footrest for people, pets, and other items. Accidents or injuries may occur.

- When reclining or lowering the footrest, be careful not to get hands, fingers, feet, head caught underneath the footrest or backrest.
  - underneath the chair itself
  - backrest, seat, clearance of armrest
  - clearance of footrest, seat, armrest
  - underneath the footrest, the back of footrest
  - clearance between arm and armrest
  - behind the backrest

- Before use, check underneath the back pad to make sure that there are no rips or tears in the cover cloth of the seat back. (should there be any rips or tears, no matter how small, immediately discontinue use. disconnect the power cord, and ask for repairs to be conducted). Continued use with rips or tears in the cloth of the seat back may cause electric shocks or injuries.

- Always unplug this appliance from the electrical outlet immediately after using and before cleaning.

- Not long term use of heater and same spot on the body
  - If heat is used on the same spot for a long time, low temperature burns may occur even if the temperature is comparatively low in 40-60°℃.
  - About low temperature burn
    - low temperature burn effect the deep part of the skin and show red specks or blisters.
    - In case red specks or blisters are found, consult a medical physician immediately.

- The following persons are strongly recommended not to use this product. Certain prohibited from receiving a massage by a medical physician:
  - for example those suffering from thrombosis, severe aneurysm, acute varicose veins, various kinds of dermatitis and skin infections (including inflammations of subcutaneous tissue), etc.

- Do not remove, rip or cut the cover of the chair (backrest, footrest, armrest) on purpose. Never use the chair with the cover removed or torn as clothes and hair may get caught in the knead balls.

- Do not use the chair other than on the designated voltage. Fire or electrification may occur.

- Do not use the chair when the power cord or its plug is damaged, or when the receptacle is loose. Contact your point of purchase for repairs if the power cord or power plug are damaged in anyway. Continued usage may result in electric shocks, shortage, or even fire.

- Surely plug the power plug to the root and keep away from the dust. Doing so may cause damage, fire and electrification.

- Do not allow unattended children or persons unable to declare their own intentions to use this chair. Do not allow infants near the chair. Electrification or injuries may occur.

- Do not allow children to play or get on the chair. Accidents or injuries may occur.

- Do not connect or disconnect the power plug with wet hands. Electrification may occur.
### DANGER

- Do not use or store in the bathrooms or places of high humidity or moisture. Electrification, fire, accidents, and moulding may occur.
- Never remodel or decompose/repair by yourself. Fire or injury due to abnormal action may occur.

### WARNING

Usage of this product should be limited to 30 minutes for each use. Continual use on the same part of the body should be limited to 5 minutes. Prolonged use may damage muscles and nerves. (Only use for 30 minutes per day.)

- The following persons should consult a medical physician before using this product:
  - persons whose muscles have become weak due to increasing age, and those who are of slim build.
  - persons suffering from lower back pain caused by bones or internal organs.
  - persons easily bruised, susceptible to sprains.
  - persons who suffer from intense motion sickness.
  - persons who have undergone internal organ or heart operations.

- If any rashes, reddening of the skin, itches or similar symptoms appear after using this product, immediately stop using and consult a physician. Accident and ill health may occur.

- An appliance should never be left unattended when plugged in. Unplug from outlet when not in use, and before putting on or taking off parts. To disconnect, turn all controls to the off position, then remove plug from outlet. This may result in accidents due to children's mischief.

- Use the chair on a level surface. Do not use outdoors. Damage or accidents may occur.

- Make sure operation buttons and timers are operating normally before use. Accidents or injury may occur.

- Read the operation manual once again and confirm the product is operating normally before using the chair after a prolonged period of non-use. Accidents or injury may occur.

- Confirm no items get caught in the chair (backrest, footrest, armrest) before use. Never drop or insert any object into any opening. Accidents or injury may occur.

- Do not place feet or hands on the footrest when the footrest is retracting. Accidents or injury may occur.

- When any physical abnormalities appear or are felt during operation, stop using the product immediately and consult a physician.

- Sit down slowly after confirming the knead balls are located at the storage position. Accidents or injury may occur.

- Make sure the ground terminal is installed. Damages or electrification may occur when ground terminal is not installed.
## IMPORTANT SAFETY INSTRUCTIONS

### WARNING

- Turn the power switch OFF and unplug the power cord immediately in times of power shortages. When power is restored accidents may occur.

- Unplug the power plug by holding the actual power plug and not the cord. This may cause electrification, short circuits, or fire.

- Unplug the power plug when not using the chair. This may cause a fire due to insulation degradation by dust or humidity.

- When maintaining the chair always unplug the power cord. This may cause electrification or injury.

- Do not damage the power cord or power plug.
  - Do not hurt
  - Do not damage
  - Do not process
  - Unreasonably bend or pull.
  - Do not twist
  - Do not tie
  - Do not place heavy items on the power cord.
  - Do not get the power cord caught, especially when moving the chair.

- Never operate this appliance if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the appliance to a service center for examination and repair.

- Continued usage may result in electric shocks, shortage, or even fire.

- Do not use immediately after eating or consuming alcohol. Nausea, illness, accidents or injury may occur.

- Do not close to stoves or other sources of fire, nor smoke whilst using the chair. Do not use on heated carpets or other heating equipment. Do not operate under blanket or pillow. Excessive heating can occur and cause fire. Electric shock, or injury to persons. Keep the cord away from heated surfaces. This may cause fire.

- Do not stand on the seat, or get on the seat back, footrest, arm or shoulder portion of the chair. The user or chair may rollover and injury or accidents may result.

- Do not stand or sit down on upper part of the backrest, the front of the seat or on the footrest when the chair is reclining. The user or chair may rollover and injury or accidents may result.

- Do not try to sit or get up from the chair when the chair is reclining or the footrest is elevated. The user or chair may rollover and injury or accidents may result.

- Do not use accessories other than those which accompany the chair. Doing so may cause product malfunction.

- Do not use the hand/arm massage whilst wearing watches, rings, fake fingernail or bracelets. This may cause injury.

- Do not use the chair whilst wearing earrings, necklaces, scarves, or other ornaments. This may cause injury.

- Do not use the chair whilst wearing hard objects on the head, such as hair ornaments. This may cause injury.

- Do not use the thigh or hip massage with hard objects in pockets. This may cause accidents or injury.

- Do not use while naked. Direct massages on the naked body may damage the skin.

- Do not use on the elbow, knee, head, abdomen areas. Do not get hands or feet caught in the knead balls. Injuries may occur.

- Do not pull out the power cord, or turn off the power switch whilst using the chair. This may cause accidents or injury.
<table>
<thead>
<tr>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not sleep while using the chair. This may cause ill health or injury.</td>
</tr>
<tr>
<td>Do not move the chair while people or items are on the chair. Damage or injuries may occur.</td>
</tr>
<tr>
<td>Make sure no more than 1 person is on the chair at any one time. Doing so may result in damage to the chair or injury.</td>
</tr>
<tr>
<td>Do not wipe with benzine, paint thinner or alcohol, nor spray with any pharmaceutical sprays. This may cause fire or electrification.</td>
</tr>
<tr>
<td>Not to be used for purposes other than massage purposes. This may cause damage or accidents.</td>
</tr>
<tr>
<td>Do not use other therapeutic equipments while using this product. This may cause ill health or accidents.</td>
</tr>
<tr>
<td>Do not haul the chair itself or move with the casters on the floor where it easily gets scratches.</td>
</tr>
<tr>
<td>Do not overturn the chair or subject the chair to any strong shocks. Damage or injury may occur.</td>
</tr>
<tr>
<td>Do not operate where aerosol (spray) products are being used or where oxygen is being administered.</td>
</tr>
<tr>
<td>Use this appliance only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.</td>
</tr>
<tr>
<td>Do not carry this appliance by supply cord or use cord as a handle.</td>
</tr>
<tr>
<td>Never operate the appliance with the air openings blocked. Keep the air openings free of lint, hair, and the like.</td>
</tr>
<tr>
<td>Close supervision is necessary when this appliance is used by, on, or near children, invalids, or disabled persons.</td>
</tr>
<tr>
<td>Never operate this appliance if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the appliance to a service center for examination and repair.</td>
</tr>
<tr>
<td>Keep the cord away from heated surfaces.</td>
</tr>
<tr>
<td>Use heated surfaces carefully. May cause serious burns. Do not use over insensitive skin areas or in the presence of poor circulation. The unattended use of heat by children or incapacitated persons may be dangerous.</td>
</tr>
<tr>
<td>Keep children away from extended foot support, back support (or other similar parts).</td>
</tr>
<tr>
<td>Connect this appliance to a properly grounded outlet only. See Grounding Instructions.</td>
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</tbody>
</table>
Names and Functions

**Chair**

- **Front side**
  1. Pillow
  2. Back pad
  3. Remote control
  4. Remote control stand
  5. Heat

- **Rear side**
  6. Power switch
  7. Caster
  8. Power cord
  9. Power plug

**Massage position**

- 10. Backrest
- 11. Shoulder
- 12. Arm
- 13. Waist/Buttocks (Pelvis)
- 14. Footrest

---

1. Turn back the pillow pad during massage
2. Slowly lean against the back pad
3. Built-in the back, sole of the feet
4. Turn the power switch OFF after use
5. Air massage for shoulder
6. Air massage for arm
7. Air massage for waist, buttocks, around thigh
8. Air massage for calf, feet
Remote control

![Remote Control Diagram]

About operation method

LCD screen is a touch panel. The parts which can be operated through fingers are displayed in "gray" color and parts which cannot be operated are displayed in "Dark gray".

[Description of some Buttons]
- Meal: Massage gets stopped and returns to regular screen.
- Meal: Returns to the previous screen. The contents are not reflected when any option or setting is changed.
- Meal: Options or setting are decided and reflected.

Front side

<table>
<thead>
<tr>
<th>1</th>
<th>LCD screen (Touch panel)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>ON/OFF button</td>
</tr>
<tr>
<td></td>
<td>on/off of the power supply</td>
</tr>
<tr>
<td>3</td>
<td>STOP button</td>
</tr>
<tr>
<td></td>
<td>Stop all operations.(Press this button to stop massages immediately.)</td>
</tr>
<tr>
<td>4</td>
<td>Footrest angle button</td>
</tr>
<tr>
<td>5</td>
<td>Reclining angle button</td>
</tr>
<tr>
<td>6</td>
<td>Footrest slide button</td>
</tr>
<tr>
<td>7</td>
<td>Knead ball position adjustment button</td>
</tr>
<tr>
<td>8</td>
<td>Heat ON/OFF button</td>
</tr>
</tbody>
</table>

[Display side]

The parts which can be operated by pressing are displayed in "gray" color.

Parts which cannot be operated are displayed in "black" color.
Setup and assembling

Check the Main unit and accessories

**WARNING**
Do not use accessories other than those which accompany the chair. Doing so may cause product malfunction.

- Whole
- Mounting screws
  - Mounting screws for arm unit. (Longer one x 4pcs)
- Footrest
- Hex wrench
  - Cross Section
  - 15mm
- Pillow
- Outer cover A (L/R)
- Outer cover B (L/R)
- Arm unit (L/R)
- Remote control stand
- Outer cover B Mounting screws (2pcs)
- Power cord clip

User manual documents
- User manual
Deciding the setup place of whole unit

⚠️ DANGER
Do not use or store in the bathrooms or places of high humidity or moisture. Electrification, fire, accidents, and moulding may occur.

⚠️ WARNING
Use the chair on a level surface. Do not use outdoors. Damage or accidents may occur. Do not close to stoves or other sources of fire, nor smoke whilst using the chair. Do not use on heated carpets or other heating equipment. Do not operate under blanket or pillow. Excessive heating can occur and cause fire, Electric shock, or injury to persons. Keep the cord away from heated surfaces. This may cause fire.

Keep space more than 20cm in the back so that the chair can recline and install/put the chair on the horizontal location.

- Footrest move up when the chair reclines. Keep space more than 60cm in the front and 20cm in the back before use.
- During reclining, even the foot rest raises.
- Do not setup the whole unit in places where there is direct sunlight every day, or near heat appliances or near high temperature. Failure to do so may lead to color change or quality degrading in main unit.

Whole Setup

⚠️ WARNING
Do not move the chair while people or items are on the chair. Damage or injuries may occur. Do not haul the chair itself or move with the casters on the floor where it easily gets scratches. Do not pull the power chord or remote control chord with leg or wrap with caster. Failure to do so may cause injury.

Lift up and move the chair with holding the handle in the front and back.

- Since it is a heavyweight unit, it should be carried by 2 or more persons.
- Watch your steps carefully and lower it slowly.

Frontage should be **76cm** or more (74cm width to carry the whole + 2cm width for protection)
Continuation (Setup and assembling)

How to attach the footrest. (Power won't be on unless footrest is installed.)

1. Locate the footrest in front of the body of the chair.

2. Insert the footrest connector firmly until mounting sound is heard from the connecting point of connector.
   - Make sure to hold the footrest connector itself and insert.
   - Mounting sound is heard.
   - Do not attach the hose or cord when they are twisted.

3. Insert the footrest connector case into the main body.
   - Insert the connector case not to crush the air joint hole. It may cause air leakage.
   - Insert it not to pinch a cord.

4. Fix the footrest connector case and main body with mounting screws for footrest connector.
   - Do not attach the hose or cord when they are twisted.
5. Insert the footrest connector firmly until mounting sound is heard from the connecting point of connector.

6. Lift up mounting cover.

7. Insert the footrest mounting part into attaching part.
   - Make sure to attach without gap.

8. Down the mounting cover and fix them with fixing screws by hex wrench. (1 pc each on left and right.)
   - Make sure to lock them with fixing screws.
   - Check the footrest mounting part does not come out from mounting cover. If it is not attached firmly, footrest falls down and it may cause injury or failure.
   - Pay attention not to damage the seat by hex wrench.

9. Put the velcro on the back of seat and another one on blindfold cover together.
Grounding instructions

**WARNING**
Ground should be installed firmly. When the ground is not installed, it may cause electric shock at the time of trouble and short circuit.

This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

**Grounding methods**

This product is for use on a nominal 120-V circuit, and has a grounding plug that looks like the plug illustrated in sketch A in Figure 86.1. A temporary adapter that looks like the adapter illustrated in sketches B and C may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet (sketch A) can be installed by a qualified technician. The green colored rigid ear, lug, or the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw.

When there is no ground terminal in the power outlet

Before purchase, discuss with electric shop, dealer and do the grounding (D-Class<Class D> installation work/cost)

How to attach the footrest part (Continuation)

1. Insert the power plug of power cord into the outlet.
2. Turn 「ON」 the power switch of main body.
   - Power switch is located in the lower part of main body on left side.
3. Press ( ) button and turn the power on.
4. Press Reclining ( ) button and recline up the backrest.
5. Turn 「OFF」 the power switch of main body and pull out the power plug from the outlet.
How to attach the remote stand. (It is attachable both left and right side.)

1. Loosen 2 fixing screws in the back of arm unit a bit.

   Figure: back side of arm unit (L).

   - Remote control stand
   - Arm unit (L)
   - Dent
   - Fixing screws

2. Insert the remote control stand into the dent of armrest side and insert the remote stand into where it's done in the first procedure (1.)
   - Pay attention not to damage the armrest when inset the remote control stand.

3. Tighten the fixing screws and secure the remote control stand and arm part.
   - Secure them firmly.
   - Remote control stand may come off and it may cause injury or damage.

How to attach the arm part. (both left and right side.)

1. Insert the mounting part of arm unit into the mounting part of main body side.

2. Fix the mounting screws by hex wrench.
   - If it is not attached firmly, arm part fall down and it may cause injury or damage.

   Mounting screws for arm part (Longer one) \( \times 4 \) (2 pcs each for left and right side.)

3. Attach the air joint of main body and arm unit.
   - Insert them firmly.
   - If it is not attached firmly, air leakage may happen and it may cause injury or damage.
How to attach the outer cover. (Both left and right side.)

1. Hook and catch the outer cover A with the hooks on the main body. (3 parts)
   - Match the hook part in the rear side and match the 2 hook parts in the front side.
   - 2 hook parts of front side are located inside the outer cover A.

2. Slide the outer cover A to the rear direction while pressing the outer cover A to the main body.
   - Make sure if the hook part of front side are fixed after slide it.

3. Fix the mounting screws for outer cover A by hex wrench. (2 location)

4. Attach the outer cover B. Hook the front side first.

5. Fix the back side with mounting screw for outer cover B. Fix the cord clip together for the side which remote control stand is attached.

6. Hook the remote control cord to the cord clip which is attached with outer cover B.
   - Check if the cord clip is attached in the same side of remote control stand.
   - Make sure to hook the remote control cord in the cord clip. If not, it may cause disconnection due to the interference with main body.

7. Place the remote control from the top onto remote holder.

8. Screw the fixing screw and decide the remote holder position. Fix it in the favorite position.
   - Pay attention not to tighten too much as it may cause a break.
Attach the pillow

1. Pillow should be attached to the surface fastener of back pad

- When massage is performed, attach the back pad and rotate the pillow to the back side.
- When massage is felt as hard, attach the pillow and use it.
- When massage is not done, attach the back pad and pillow as such and use it as a reclining chair.
Before starting massage every time

Check around the chair

Check the surroundings without fail

- Check to make sure that there is nobody, no pet and nothing ahead behind the chair and under the footrest.

Switch on the power

⚠️ DANGER

Do not use the chair other than on the designated voltage. Fire or electrification may occur.
Insert the power plug firmly so that no dust is accumulated. Failed to do so may cause electric shock,
short circuit, or ignition.
Do not use damaged power plug or power cord. It may cause electric shock, short circuit, or fire
if it is damaged. Contact your retailer or our customer care for repair.

1. Insert the power cord plug in the receptacle.
   - Check that there is no damage in the power cord, remote controller cord, and
   the power cord plug. And there is no dust accumulated in the power cord plug.

2. Switch "ON" power of main body.
   - The power switch is behind the main body
     on the right bottom.

3. Press power button (●) of remote controller to
   switch on the power.
   - Regular screen is displayed.
   - The seat back is reclined and footrest is raised till standby position
     automatically.
     (When reclining angle of ▲ or footrest angle of ▲ or ● is
     pressed, it is stopped)
   - When it is not operated for around 3 minutes or more, power supply
     will be turned off automatically.
   - When regular screen is not displayed even if power is switched on
     by pressing the power button, the chair cannot be operated.
Check the main body

1. Check for torn on the cover cloth.

⚠️ DANGER

Before use, hold the back pad and make sure that there is no tear on the cover cloth of the backrest and on the other parts. (Should there be any tear, no matter how small it is, discontinue using the chair immediately. Disconnect the power cord plug, and ask for repair.) Continued use with the torn cloth may cause electric shock or any hazard on the body.

2. Check for trapping of foreign substance to the main body.

⚠️ WARNING

Before use, check that there is no foreign substance trapped on to the main body (Backrest, footrest, armrest). Failed to do so may cause accident or injury.

3. Check whether the knead ball is in the retracted position.
- When the knead ball is not in the retracted position, it can be returned by pressing button.

⚠️ WARNING

Before seated on the chair, check whether the knead balls are in the retracting position. Failed to do so may cause accident and injury.

4. Check whether the footrest is in completely lowered
- When the footrest is raised, it can be lowered down by pressing footrest angle.

⚠️ WARNING

Do not get on and off the chair at the time of reclining or when the footrest is raised. The chair may overturn and the user may fall down and hurt himself/herself.
Adjust the reclining and footrest angle

⚠️ DANGER
Check to make sure that there is nobody, no pet and nothing ahead around the chair (back, front, side, and bottom part of main body) when reclined or footrest is moved. Failed to do so may cause accident or injury or damage of house holding.
When reclined or footrest is moved, make sure not to insert the hand, finger, leg or head in the gaps of main body which are mentioned below.
- Bottom side of chair
- Gap of armrest, backrest, and seat.
- Gap of armrest, leg and seat.
- Bottom side and back side of leg.
- Gap of armrest and arm.
- Backside gap of backrest.
Failed to do so may cause accident or injury.

Adjust the footrest angle and length

1. Adjust the footrest angle by pressing footrest angle button.

   ![Footrest angle button image](image)

   - Lowered state (Retracted position)
   - Raised state

   - When foot air is on, footrest will not be lowered till the retracted position
   - Turn "OFF" the footrest air to lower the footrest till retracted position. (Refer Page35)

2. Adjust the footrest length by pressing the footrest expansion buttons.

   ![Footrest expansion button image](image)

   - Flexibility function can be used when footrest angle is 25 degree or more.
   - Footrest length to be stretched changes in accordance with footrest angle.

3. Stretch the sole and adjust the footrest length.

   ![Footrest length adjustment image](image)

   - Sole can be stretched or contracted by the spring. Press it with the leg.
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WARNING</strong></td>
<td></td>
</tr>
<tr>
<td>Do not place your leg or hand in the footrest adjustable place, when footrest is adjusted. It may cause accident or injury.</td>
<td></td>
</tr>
<tr>
<td>Do not attempt to ride on the front portion of footrest or seat pad at the time of reclination.</td>
<td></td>
</tr>
<tr>
<td>The chair may overturn and the user may fall down and hurt himself/herself.</td>
<td></td>
</tr>
<tr>
<td>Do not get on and off the chair at the time of reclining or when the footrest is raised.</td>
<td></td>
</tr>
<tr>
<td>The chair may overturn and the user may fall down and hurt himself/herself.</td>
<td></td>
</tr>
</tbody>
</table>

**How to adjust reclining angle**

4. The Reclining angle can be adjusted by pressing ▲ ▼ reclining button.

- Rather than falling down, irritability of the knead ball will be more.
- The recliner is interlocked, the footrest raises and armrest moves.

![Diagram of recliner in Upright Position and Backward Position](image-url)
Massage by Auto Mode Course

Auto Mode Course starts

1. Switch ON the Power by pressing
   • Regular screen is displayed.
   • The seat back is reclined and footrest raises automatically up to the standby position.
   (When reclining angle of or footrest angle of or is pressed, it is stopped)
   • If the machine is not operated for more than 3 minutes, then it is switched OFF automatically.

2. Select and press from these Buttons. Choose the preferred course and press the button.
   • When the backrest is upper or footrest is lower than standby position, the backrest and footrest move to standby position.

   [Example] When "REFRESH" course of Neck/Shoulder is selected.

3. Start the Double Sensing (Body Shape Detection)
   • Sit back firmly and lean the head towards backrest while sensing.
   • Do not pull head off the backrest.
   • There are some courses that the sensing is not given.

   About Double Sensing (Body Shape Detection)
   Double sensing is the function to detect body shape or posture before starting massage. The effective massage is given by 2 sensors, one for 'S-shaped line detecting system' which detect one's back/spine, another for 'Shoulder position detecting system' which detect one's shoulder position.

4. Detected points lights up during the detection of back/spine
   • Do not keep head away from the backrest.
5. Detection for shoulder position automatically starts
   After finishing detection, the selected course starts by pressing 「START(1)」. When shoulder position doesn’t match, adjust by 「RE-DETECTION(2)」 or 「MANUAL ADJUSTMENT(3)」.
   • Even if 「START」is not pressed, the massage starts after about 7 seconds.
   • Detection starts again when press 「RE-DETECTION」.
   • Shoulder position can be adjusted manually by pressing 「MANUAL ADJUSTMENT」. Adjust A B (4) for vertical position, A B C for back and forward position, then press 「OK」 (6).
   • Shoulder position detection measures vertical position, back and forward position can be adjusted by 「MANUAL ADJUSTMENT」 or Shoulder position adjustment after starting massage.

6. Selected auto course and massage operations are displayed.

- Home button
- Strength adjustment of massaging
- Strength adjustment of total air
- Current massaging
- Next massaging
- Automatic raising icon
- Remaining Time
- Heater icon
- Memory icon
- Current course name
- Operation position and strength of each air
- Current position of kneading ball
- Various adjustment buttons
- Air option.
  - PULSE
  - HAND KNEAD
  - CALF
  - KNEE STRETCH
  - FOOT STRETCH
  - PELVIS
  - DOUBLE STRETCH
  - TWIST

- Refer to "Adjustment during auto course method" for the changes done in the settings during auto course. (P24)
Adjustment during auto course method

To adjust the strength of mecha massage

① Adjust the mecha strength by using ± for increase and by using − for decrease.

- Strength can be selected from 7 steps.
- The initial setting is set in “4”.

Adjustment method during air massage

[In the case whole adjustment]

① Total Air strength can be reduced with − and increased with +.

[In the case part by part adjustment]

① Press the “AIR”

② Select the preferable strength part by part.

- Can be reduced with − and increased with +.

③ Return to course screen by pressing OK

- Even if OK is not pressed, it will be set after 7 seconds approximately.
- Strength can be selected such that SHOULDER, PELVIS, FOOT...5 step adjustment and ARM...3 step adjustment. The default setting will be [SHOULDER, PELVIS, FOOT 3] and [ARM 2].
- "OFF" can be set in part wise. If the − is pressed when the strength is “1”, it will be set to "OFF".

To proceed from current knead massage and to repeat the current knead massage

① When you want proceed from current knead massage, and press “SKIP”

② When you want repeat from current knead massage, and press “REPEAT”

- Air massage cannot skip and repeat.
- While pressing the repeat , the current massage will be continued for 30 seconds.
- During repeat , if press skip the repeat will be released.
To adjust the shoulder position (Front/back) and waist position (Up/down)

1. When the mecha position come near by the shoulder or waist, press the ▲ ▼ of mecha position
2. The mecha position is adjusted by using ◀ ▶ (front/back position of shoulder) or ◀ ▶ (Waist position).
3. Press OK
   - Even if is not pressed, it will be set after 7 seconds approximately.
   - The front back position of shoulder/ waist position will be reflected in neck and shoulder pro technique/ back and waist pro technique.

To set air operation “PULSE” and “HAND KNEAD”

1. Press “OPTION”
2. Select “OFF / PULSE / HAND KNEAD”
3. Return to course screen by pressing OK
   - Even if OK is not pressed, it will be set after 7 seconds approximately.
   - PULSE and HAND KNEAD cannot be used simultaneously.
Continuation (Massage by auto mode course)

To set stretch operation

1. Press “OPTION”.
2. Select “OFF/KNEE/FOOT/DOUBLE”.
3. Return to course screen by pressing OK.
   - Even if OK is not pressed, it will be set after 7 seconds approximately.
   - When the stretch operation is selected, if the foot rest top angle is less, operation will begin after raising stretch operation up to possible angle.
   - Multiple stretch operations cannot be set simultaneously.
   - Stretch operation and “CALF” cannot be set simultaneously.

To set individual operation

1. Press “OPTION”.
2. Select “OFF/CALF/PELVIS”.
3. Return to course screen by pressing OK.
   - Even if OK is not pressed, it will be set after 7 seconds approximately.
   - “CALF” with “PELVIS” cannot be set simultaneously.
   - “CALF” and stretch operation cannot be set simultaneously.
### About the operation of auto course

The list of details that can be adjusted during the description of each auto course and during the start or in the middle of the course.

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Details</th>
<th>Spinal Column Line Auto Detect</th>
<th>Shoulder Auto Detect</th>
<th>Rubbing Ball</th>
<th>Air Massage Strength</th>
<th>Skip/Repeat</th>
<th>Adjust the Shoulder Position</th>
<th>Adjust the Waist Position</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VIP</strong></td>
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<td>-</td>
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<td>-</td>
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<tr>
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</tr>
<tr>
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<td>-</td>
<td>-</td>
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<tr>
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<td>-</td>
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<tr>
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<tr>
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<tr>
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<tr>
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<tr>
<td><strong>REFRESH</strong></td>
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<tr>
<td><strong>RELAX</strong></td>
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<tr>
<td><strong>WHOLE BODY STRETCH</strong></td>
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<td>-</td>
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<td>-</td>
</tr>
<tr>
<td><strong>MEMORY</strong></td>
<td>Initially WHOLE BODY REJUVENATION course is being registered.</td>
<td></td>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>

*Spinal column line cannot be adjusted*
About the end of Massage

Massage time is different from each course

- The knead ball moves to storing position after finishing massage.
- When auto reclining is "OFF", return the angle of backrest and footrest to storing position during "STORING" is shown on the display.
- When auto reclining is "ON", backrest moves up and footrest moves down automatically.
- When no operation for about 30 seconds after massage, power supply will be cut.

<table>
<thead>
<tr>
<th>Course Selection</th>
<th>Massage time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part massage</td>
<td>7 minutes</td>
</tr>
<tr>
<td>Auto Course Manual Course</td>
<td>16 minutes</td>
</tr>
<tr>
<td>30 min PRO course</td>
<td>30 minutes</td>
</tr>
</tbody>
</table>

▲ ▼ : Reclining angle
▲ ▼ : Footrest angle
When massage is stopped as such

Press (1) or (2)
- The knead ball is stopped in the current position as such
- If (1) or (2) is pressed you will return to regular screen but the timer will continue.

When massage is to be stopped suddenly

Press (3)
- Knead ball moves till retracting position
- When "STORING" screen is displayed then restore the recliner and angle of footrest
  - (4) : Reclining angle
  - (5) : Footrest angle

Disconnect the power of Main Body

1. Switch OFF the power of the main body
   - The power switch is in the lower right part behind the main body.

2. Remove the Power cord plug from receptacle
Rubbing massage

Start the desired rubbing massage

1. Switch ON the Power by pressing \( \text{[Power]} \)
   - Regular screen is displayed.
   - The seat back is reclined and footrest raises automatically up to the standby position.
     (When reclining angle of \( \text{[Armrest]} \) or footrest angle of \( \text{[Footrest]} \) is pressed, it is stopped)
   - If the machine is not operated for more than 3 minutes, then it is switched OFF automatically.

2. Select \( \text{[Manual Mode]} \).

3. Select the desired massaging menu.

4. Select the desired massaging.
   - Start the Massage
5. Mecha position (Shoulder position or Waist position) Adjustment.
Refer "Knead technique function list" for the massage in which mecha can be adjusted.

[Shoulder position adjustment]
- The mecha is moved to shoulder position and shoulder position detection starts. After completing detection, Massage starts if "START (1)" is pressed. When the shoulder position is not matching adjust using "RE-DETECTION (2)" or "MANUAL ADJUSTMENT (3)".
- Even if "START" is not pressed, it will be started after 7 seconds approximately.
- The shoulder detection starts once again if "Redetect" is pressed.
- Shoulder position is manually adjusted if "MANUAL ADJUSTMENT" is pressed. Up/Down position of Mecha is adjusted by ▲ ▼ (4), Front/Back position is adjusted by ◄ ► (5) Press OK (6).

- Press the rubbing ball position ▲ ▼ (7) first, then use ◄ ► (8) to adjust the shoulder position front/back during massage.
- Press OK (9) after shoulder position adjustment.

[Waist position adjustment]
- Waist position is adjusted with rubbing ball position ▲ ▼ (7) or ◄ ► (10).
- Press OK (11) after waist position adjustment.

[Massage position adjustment]
- Adjust the massage position using ▲ ▼ (7) of mecha position.
How to adjust during massaging

When you want to adjust the massage speed

1. Select the "MECHA OPTION".
2. Select the speed "SLOWEST/SLOW/NORMAL/FAST".
3. Press OK.

When you want to adjust the rubbing ball strength

1. Select the "MECHA OPTION".
2. Rubbing width adjustment
   Select the "NARROW/NORMAL/WIDE".
3. Press OK.

When you want to select the massage region (Point/part/whole)

1. Select the "MECHA OPTION".
2. Select the speed "POINT/PART/WHOLE".
3. Press OK.
To adjust the shoulder position (Front/back) and waist position (Up/down)

1. Knead ball position ▲ ▼ is pressed when mecha is near shoulder or waist.
2. Knead ball position is adjusted with ◄ ► (Shoulder front and back position) or ▲ ▼ (neck position).
3. OK button is pressed.

- Even if OK button is not pressed, it will be started after 7 seconds approximately.
- The shoulder front and back position/Waist position is reflected in neck and shoulder position/Back and waist position. Refer to “Mecha massage function list table” for details. (P34)

To adjust the strength of mecha massage

1. Adjust the mecha strength by using ► for increase and ◄ for decrease.

- Strength can be selected from 12 steps.
- The initial setting is set in “5”.

There is an item which cannot perform Adjustment/Setting by selected rubbing technique. Refer “Mecha massage function list table” for details.
### Mecha massage function list table

The list of adjustments that can be performed during each knead technique.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>Knead technique adjustment</th>
<th>Knead technique front and back adjustment</th>
<th>Mecha Strength</th>
<th>Massage speed</th>
<th>Mecha width</th>
<th>Massage position</th>
</tr>
</thead>
<tbody>
<tr>
<td>KNEAD UP</td>
<td></td>
<td></td>
<td>●</td>
<td>●</td>
<td>-</td>
<td>WHOLE / PART / POINT</td>
</tr>
<tr>
<td>KNEAD DOWN</td>
<td></td>
<td></td>
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<td>●</td>
<td>-</td>
<td>WHOLE / PART / POINT</td>
</tr>
<tr>
<td>TAPPING</td>
<td></td>
<td></td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>WHOLE / PART / POINT</td>
</tr>
<tr>
<td>WAVELET</td>
<td></td>
<td></td>
<td>●</td>
<td>●</td>
<td>-</td>
<td>WHOLE / PART / POINT</td>
</tr>
<tr>
<td>RELAX KNEAD UP</td>
<td></td>
<td></td>
<td>●</td>
<td>●</td>
<td>-</td>
<td>WHOLE / PART / POINT</td>
</tr>
<tr>
<td>RELAX KNEAD DOWN</td>
<td></td>
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<td>●</td>
<td>●</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>PUSH &amp; KNEAD</td>
<td></td>
<td></td>
<td>●</td>
<td>●</td>
<td>-</td>
<td>WHOLE / PART / POINT</td>
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<tr>
<td>PALMAR KNEAD UP</td>
<td></td>
<td></td>
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<td>●</td>
<td>-</td>
<td>WHOLE / PART / POINT</td>
</tr>
<tr>
<td>PALMAR KNEAD DOWN</td>
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<td>●</td>
<td>-</td>
<td>WHOLE / PART / POINT</td>
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<tr>
<td>SHIATSU</td>
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<td>3D WAVELET</td>
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<td>●</td>
<td>●</td>
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<tr>
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<td>shoulder position</td>
<td></td>
<td>●</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>UPPER SHOULDER PRESS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WAIST EXTREME-KNEAD</td>
<td>waist position</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WAIST EXTREME-TAPPING</td>
<td>waist position</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>WAIST SHIATSU</td>
<td>waist position</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WAIST PALMAR</td>
<td>waist position</td>
<td></td>
<td></td>
<td>●</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>BUTTOCK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>SHOULDER BLADE LINE</td>
<td>shoulder position</td>
<td></td>
<td>●</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>RHOM BOID</td>
<td>shoulder position</td>
<td></td>
<td>●</td>
<td>●</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>SHOULDER BLADE OPEN</td>
<td>shoulder position</td>
<td></td>
<td>●</td>
<td>●</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Air massage

Start air massage

1. Switch ON the Power by pressing (Power button)
   - Regular screen is displayed.
   - The seat back is reclined and footrest raises automatically up to the standby position.
   (When reclining angle of ▲ or footrest angle of ▼ or ▼ is pressed, it is stopped)
   - If the machine is not operated for more than 3 minutes, then it is switched OFF automatically.

2. Select “MANUAL MODE”

3. Select “AIR MASSAGE”

4. Select the desired strength press «OK»
   - The air strength of “SHOULDER”, “ARM”, “PELVIS”, “FOOT” can be selected individually
   Can be reduced with « < and increased with » >
   Press «OK» and start the massage

...
How to adjust during massaging

Adjustment method during air massage

[In the case whole adjustment]
① Total Air strength can be reduced with ← and increased with →.

[In the case part by part adjustment]
① Press the “AIR”
② Select the preferable strength part by part. Can be reduced with ← and increased with →.
③ Return to course screen by pressing OK.
   • Even if OK is not pressed, it will be set after 7 seconds approximately.
   • Strength can be selected such that SHOULDER, PELVIS, FOOT...5 step adjustment and ARM...3 step adjustment. The default setting will be [SHOULDER, PELVIS, FOOT 3] and [ARM 2].
   • “OFF” can be set in part wise. If the ← is pressed when the strength is “1”, it will be set to “OFF”.

To set stretch operation

① Press “AIR MASSAGE OPTION”.
② Select “OFF/KNEE/FOOT/DOWNLE”.
③ Return to course screen by pressing OK.
   • Even if OK is not pressed, it will be set after 7 seconds approximately.
   • If the stretch is set to “ON”, when leg air in “OFF”, leg air will be set to “ON” automatically.
   • When the stretch operation is selected, if the foot rest top angle is less, operation will begin after raising stretch operation up to possible angle.
   • Multiple stretch operations cannot be set simultaneously.
   • Stretch operation and “CALF” cannot be set simultaneously.
   • Refer to P37, for various stretch operation details
To set air operation “PULSE” and “HAND KNEAD”

1. Press “AIR MASSAGE OPTION”
2. Select “OFF / PULSE / HAND KNEAD”
3. Return to course screen by pressing OK.

- Even if OK is not pressed, it will be set after 7 seconds approximately.
- PULSE and HAND KNEAD cannot be used simultaneously.

To set individual operation

1. Press “AIR MASSAGE OPTION”.
2. Select “OFF / Calf / Pelvis / Twist”.
3. Return to course screen by pressing OK.

- Even if OK is not pressed, it will be set after 7 seconds approximately.
- If the “Calf” is set to “ON” when the leg air is “OFF”, leg air will be set to “ON” automatically.
- “Calf” with “Pelvis” and “Calf” with “Twist” cannot be set simultaneously.
- If the “Pelvis” and “Twist” in addition are set to “ON” when the leg Pelvis air is “OFF”, Pelvis air will be set to “ON” automatically.
- “Calf” and stretch operation cannot be set simultaneously.

AIR MASSAGE OPTION

[PULSE]
Massage is carried out bit by bit many times by air.

[HAND KNEAD]
Air operation speed is changed and massage is done firmly.

[CALF]
Calf massage can be done simultaneously with other air massage.

[PELVIS]
Waist part massage can be done simultaneously with other air massage.

[TWIST]
Twist operation massage is carried out around the waist center

[KNEE]
Leg is gripped by air and stretched in forward direction.

[FOOT]
Leg is gripped by air and stretched in downward direction.

[DOUBLE]
Leg is gripped by air and stretched in downward direction while stretching in forward direction.
Start to part intensive massage

1. Switch ON the Power by pressing $\text{\textcircled{1}}$.
   - Regular screen is displayed.
   - The seat back is reclined and footrest raises automatically up to the standby position.
     (When reclining angle of $\blacktriangleleft \checkmark$ or footrest angle of $\blacktriangleleft \checkmark$ or $\blacktriangledown$ is pressed, it is stopped)
   - If the machine is not operated for more than 3 minutes, then it is switched OFF automatically.

2. Select the preferred part intensive massage by pressing $\text{\textcircled{1}}$.
   - Moving to other part intensive menu can be done with $\blacktriangledown \blacktriangledown$.

3. Shoulder position detection or waist position adjustment.
   - Massage will begin after completion.
     (There is no shoulder position detection and waist position adjustment during SCIATIC FOCUS)

[Example] While selecting SHOULDER BLADE FOCUS

1. Press SHOULDER BLADE FOCUS
2. Shoulder detection has begun.
3. Massage has begun.
About operation of part intensive massage

It is a 7 minutes mini course for massaging the part intensively using knead technic. Air operation can be combined as preferred except for the neck stretch/finger stretch/waist stretch.

The details list that can be adjusted during course of each part intensity

<table>
<thead>
<tr>
<th>Parts intensity techn</th>
<th>Mecha strength</th>
<th>Air strengt</th>
<th>Shoulder Position</th>
<th>Waist position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Program</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NECK FOCUS</td>
<td>●</td>
<td></td>
<td>●</td>
<td>-</td>
</tr>
<tr>
<td>SHOULDER FOCUS</td>
<td>●</td>
<td></td>
<td>●</td>
<td>-</td>
</tr>
<tr>
<td>SHOULDER BLADE FOCUS</td>
<td>●</td>
<td></td>
<td>●</td>
<td>-</td>
</tr>
<tr>
<td>WAIST FOCUS</td>
<td>●</td>
<td></td>
<td>-</td>
<td>●</td>
</tr>
<tr>
<td>SCIATIC FOCUS</td>
<td></td>
<td></td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Stretch</td>
<td></td>
<td>●</td>
<td>●</td>
<td>-</td>
</tr>
<tr>
<td>BACK STRETCH</td>
<td></td>
<td>●</td>
<td>●</td>
<td>-</td>
</tr>
<tr>
<td>WAIST STRETCH</td>
<td></td>
<td>●</td>
<td>-</td>
<td>●</td>
</tr>
</tbody>
</table>

Adjustment method during massage

To adjust the strength of mecha massage

① Adjust the mecha strength by using [ ] for increase and [ ] for decrease.

- Strength can be selected from 7 steps.
- The initial setting is set in “5”.

Adjustment method during air massage

① Total Air strength can be reduced with [ ] and increased with [ ].

- The default setting will be [SHOULDER, PELVIS, FOOT 3] and [ARM 2].
Combine the rubbing and air massage

Combine the air massage during rubbing massage operation

1. Press the "AIR".
2. Select the strength of the desired part and press OK.
3. Start the air massage of selected part.

Combine the rubbing massage during air massage operation

1. Press the "SELECT PROGRAM".
2. Select the desired rubbing massage.
3. Start the selected rubbing massage.
To set the child lock

[Child lock] function disables the button press so that the child cannot operate it by mistake.

1. Press  of reclining and accommodate the backrest and foot rest.
   • When child lock is in progress, all the operations are not possible. Accommodate the back rest and foot rest in advance.

2. In the regular screen, if you long press  for 3 seconds approximately, a “Beep” will ring and the child lock screen will be displayed.
   • After setting the child lock, if you do not operate within 30 seconds, then the screen will disappear.
     If you press , then the child lock screen will be displayed.
   • When releasing the child lock, either perform the same operation or switch the power of main unit to “OFF”.

![Diagram showing child lock function with arrows and buttons]
When changing the Massage in the middle

Change to auto course

1. " or " is pressed.

2. Select and press from these Buttons. Press the selected course button and select the desired course.

- There is a chance of muscle line or shoulder position detection. For details, check "Massage by Auto Mode Course" (P22).
- Timer for massage operation time is continued.

Change to part intensive massage

1. " or " is pressed.

2. Select the preferred part intensive massage by pressing "PART".

- There is a chance to carry out shoulder position detection or waist position adjustment.
- Timer for massage operation time is continued.

Timer continuation during course selection

- 30 minutes course (start 16 minutes or more) → Normal 16 minutes course

- Normal 16 minutes course → 30 minutes course (start 16 minutes or more)

- 7 minutes course → 30 minutes course, normal 16 minutes course
Change to MANUAL MODE massage

1. or is pressed.

2. Press the , select the desired mecha massage menu and select the mecha massage.
   • Timer for massage operation time is continued.

Change to air massage

1. or is pressed.

2. Press and press "AIR MASSAGE".

3. Select the preferable pressure and press .
   • Timer for massage operation time is continued.
Memory course usage

The program is changed to base for the preferable automatic course and peculiar auto course can be set by registration. First "WHOLE BODY REJUVENATION course" is registered.

That can be memory registered

- Selected auto course
- Figure information (Spinal column line, Shoulder position, Waist position)
- Selection point of skip/ repeat
- Air massage operation point (ON/OFF of SHOULDER, ARM, PELVIS, FOOT)
- Air option (PULSE, HAND KNEAD, with CALF, with WAIST)
- Stretch operation
- Heater

(Caution)

- Massage strength (Knead ball, air) cannot be memory registered. Whenever you use this, kindly adjust.
- The status during air massage operation point, air option, shoulder position, waist position, stretch operation and heater can be memory registered.
- Skip/ repeat cannot be operated during 30min PRO course, STRECH course.
- Based on the selected course, some fields might not be adjusted.

To record the Memory

1. is pressed and power is switched ON.

2. Press MEMORY and select "MEMORY RECORD"

3. Preferable auto course is selected from 30min PRO WHOLE BODY STRETCH and perform a massage which will suit one self.

- During memory course registration "Memory icon(Red)" is displayed.
4. After the end of course, registration will begin if “YES” is pressed in memory course registration verification screen. Registration is completed when “REGISTRATION COMPLETED” is displayed.

- After registration completion, power supply will be disconnected.
- When the registration is in progress, do not cut the power supply. Automatic course details will not be registered.

Usage Example

1. Select the “Refresh Course” of “whole body”.

2. Skip “3D tapping” that is after 6 min of massage start and repeat the “SHIATSU” that is after 9 min of start.

3. Adjust the options.
   - PULSE "ON" → HAND KNEAD "ON"
   - AIR SETTING → “SHOULDER OFF”

5. After registration completion turn on the power by pressing this ( ).
   Then press MEMORY .
   On pressing "MEMORY START" massage will begin with the registered details.
   - If the memory is registered, “Memory icon(white)” will be displayed when memory course is not executed.
   - When the registered memory course is executed, “memory icon(green)” will be displayed.
   - For changing overwrite the registered memory details, perform "Memory is registered (P44)” from the beginning.
   - To delete the registered memory, Refer to remove the "DELETE MEMORY" (P46).
To delete the registered memory

1. is pressed and power is switched ON.

2. Press , then “DELETE MEMORY”.
   - If the memory course is not registered "DELETE MEMORY" will not be displayed.

3. If "Yes" selected in confirmation screen of "DELETE MEMORY", removal will start.
   On completion of removal "DELETE COMPLETED" will be displayed.
   - When memory course removing is in progress, do not cut the power supply. Doing so, removal will not be performed completely.
   - If the memory course is removed, registration of memory will be returned to "whole body REJUVENATION".
   - If the memory course is removed, display of "memory icon (white)" will disappear.
Heater ON/OFF

⚠️ DANGER

Do not use the heater for long time, and do not use the heater in same place for long time. It may cause low temperature or injury.
Even at comparatively low temperature (40~60°C), and do not use the heater in same place of the skin for long time. It may cause low temperature or injury.

1. Press the heater icon 🌡️.

   - In case the massage and heater are used simultaneously, if the massage is ended, then heater is also ended.

   - Heater can be used by itself, by pressing 🌡️.
   - When the heater is used by itself, it will be automatically cut off after about 60 minutes.
QUICK MODE / LANGUAGE / AUTO-RECLINING settings

About QUICK MODE settings

"QUICK MODE" is the operation mode in which the bold characters are displayed to enhance the visibility and it is with simplified operation

1. Press SETTING in the regular screen.

2. If you press QUICK MODE to "ON" and then press OK, then QUICK MODE screen will be displayed.

3. If you select the preferred course, then auto course is started.
   - If you press "MODE CANCEL", then it will move to former regular screen.
   - Even if the power switch off the main unit, QUICK MODE will be continued.

About LANGUAGE

[Switch to other language]

1. Press SETTING in the regular screen, each language (한국어, 简体字, 繁體字) is selectable.
   - Each operation method is similar to English
About AUTO-RECLINING setting

"Auto Reclining" is the function that raises the back rest automatically during power off and massage end and the one that accommodates the foot rest and switches off the power.


2. Press "ON" in the auto reclining and press [OK] in the regular.

- When auto-reclining is "ON", auto-reclining icon will be displayed in the massaging screen.
- If you press "Auto raising (Power OFF)" when the backrest is raised automatically, auto-raising will stop. It will start after pressing it again.
- When the backrest is not lowered to the standby position or up to the stand by position, it will raise completely.
- When the backrest is lowered below the standby position, it will raise till the standby position.
  If it reaches till the standby position and if you press "Auto raise (Power OFF)", then it will raise completely.
- Refer to P18 for the details of standby position
- Even if you switch the power of the main unit, auto-reclining settings will be continued.
Maintenance and storage

How to maintain the chair

⚠️ DANGER
Do not connect or disconnect the power plug by wet hands. Electrification may occur.

⚠️ WARNING
Make sure to unplug the power plug. Electrification may occur. Do not wipe with benzine, paint thinner or alcohol. This may cause fire or electrification.

Cloth/Back pad/Pillow
1. Instill water containing neutral detergent and squeeze firmly.
2. Wipe the dirty part with the cloth.
3. Wipe it out with a tight squeezed cloth which is water contained.
4. Dry it naturally after wiping out with a dry cloth.
   • Do not iron the back pad or pillow. It may cause damage on the cloth
   • Wipe frequently or it cause a damage on the leather by finger dirt or hair dressing.

Resin part
1. Instill water containing neutral detergent and squeeze firmly.
2. Wipe the dirty part with the cloth.
3. Wipe it out with a dry cloth not to leave detergent.
   • Do not use scouring powder. It cause scratches, discoloration, cracks.

Remote control, lower back(Control box)
Wipe out with a dry cloth.
   • Do not wipe out with a wet towel. It may cause malfunction.

How to storage

⚠️ DANGER
Do not use or store in the bathrooms or places of high humidity or moisture. Electrification, fire, accidents, and moulding may occur.

Store the chair in the places which is less adverse effect by temperature, humidity, dusts after wiping out the dirt and dusts on the chair.
When the chair won't be used for a long time, put a cover on the chair and avoid the chair from dust.
   • Do not store the chair near a stove or the places which chair is exposed direct sunlight for a long time. It may cause discoloration, deterioration.
How to move the main unit

**WARNING**
Do not move the chair while people or items are on the chair. Damage or injuries may occur. 
Do not haul the chair itself or move with the casters on the floor where it easily gets scratches. 
Do not pull the power chord or remote control chord with leg or wrap with caster. 
Failure to do so may cause injury.

When moving with Caster

Recline the backrest and move with caster while holding the side of footrest.
- Pay attention to the foot and put down slowly not to pinch the power cord or remote cord.
- Put down slowly not to hit the floor when put the footrest down.
- Careful not to pinch your fingers between footrest and armrest.

When more than 2 persons are lifting

Recline the backrest and lift up to move the chair while holding the hook at the side of footrest and rear side of main body.
- Make sure to move the chair with more than 2 persons as it is much heavy.
- Careful with foot and put down slowly not to pinch the power cord or remote control cord.
Q&A

Q1 Left and right strength is different. And, I feel the difference is remarkable.
A To massage for a better feeling, in connection with adopting a mechanism in which the rubbing will mutually hit, unavoidably, the operation might take place in the knead ball slipped position. Thereby, you feel that there is a difference among the left and right strength. But it is not a failure.

Q2 Is there even more strong massage?
A To massage for a better feeling, in connection with adopting a mechanism in which the rubbing will mutually hit, unavoidably, the operation might take place in the knead ball slipped position. Thereby, you feel that there is a difference among the left and right strength. But it is not a failure.

Q3 The remote control holder is loosened...
A Retighten the fixing screw. When a part of remote control holder is sliding, inlay by loosening the fixing screw and tighten it once again. Also, check the fitting screw of the sand and if it is loosened, retighten with the hexagon wrench of the accessory.

Q4 Leg is not fitting properly in the leg part...
A Adjust by expanding and narrowing the leg part.
  • For short person: Raise the back rest part and elevate the leg part.

Q5 I am commuting to hospital, is it ok to use?
A Consult with the doctor in the hospital and then use. “Touch pressure stimulation” refers to the action that promotes the blood circulation for massage by relieving the stress in the muscles. According to the illness, there are risks of getting worse. Hence you should consult with the doctor.

Q6 What is the electricity utility expense for a month?
A If you use heater and massage every day for approximately 30 minutes per day, then it is roughly 53 Yen per month. If you use only massage every day for approximately 30 minutes per day, then it is roughly 3 Yen per month if you use heater for 1 hour every day, then it is roughly 32 Yen per month. Electricity charges standard unit price: Calculated to be 27 Yen/kWh (including the taxes).
  (Currently, 2015/9, Our company survey in Japan)

Q7 Is it ok to spread the hot carpet under the chair?
A As there is a danger of flame, please stop. Heat generation of hot carpet pains the body and thereby it might generate flame.

Q8 Can the leg be lowered up to the storing position?
A When the leg air is being done, the leg cannot be lowered up to the storing position. Switch the leg air to “OFF”.

Q9 Won't the backrest or the leg move to standby position automatically?
A When the backrest part is lowered below or the leg is raised above the standby position, it will not go back to standby position even if you press ( ) button.

Q10 Can this be used by people of height below 150 cm or above 185 cm?
A Yes, you can use. During sensing, the shoulder position might not match even if you adjust the shoulder position and so proceed using the following methods.
  • Short person: Raise the backrest and leg part.
  • Tall person: Lower the backrest and leg part.

Q11 Arm is not reaching the arm unit. What to do?
A Raise the backrest and adjust the arm position

Q12 Will the shoulder and arm become red after shoulder/arm air massage?
A After usage, there might be traces of the massage. That's due to the massage. It will disappear in due course of time. And, while doing shoulder air massage, avoid clothes that will expose the shoulders.

Q13 Even if sensing is done, shoulder position is not matching.
A Sit comfortably, lean the face so that it rests in the backrest and after that do the sensing. This can be adjusted manually.

Q14 Is it possible to use by removing the arm?
A No, it is not possible. Air supply and exhaust vent will be exposed, trash and dust will be accumulated and this will be the cause for failure.
Q15 During massage, some creaky noises are made. Is it ok?

A There is nothing abnormal in the structure. Refer to "Trouble shooting".

Q16 If you do a foot stretch, sometimes there is a squeaky noise.

A Noise might be generated, but it is not a failure. In the structure, when the electric actuator is isolated from the leg, noise might be generated.

Q17 Is it possible to completely cut off the air massage in the auto course?

A It is possible in the course other than 30min PRO course and stretch course. Please refer to "Adjustment method during air massage". And during "WHOLE BODY AIR" in stretch course, if you set the entire air massage to "OFF", then it will be massage end (While stowing) screen and the power will be cut.

Q18 Explain the dimensions of the main unit.

A Please refer to the following diagram.

Front view

Side view

When it is not reclined

Main unit width
Approx. 800mm

Main unit width
Including Remote control stand
Approx. 890mm

Height
Approx. 1230mm

Main unit width
Approx. 1370mm

Height
Approx. 1230mm

When it is reclined
(When the leg part is stretched)

Height
Approx. 810mm

Depth (When the leg is lowered)
Approx. 1760mm

Maximum depth
Approx. 1920mm
Trouble shooting

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Check points</th>
<th>Trouble shooting</th>
</tr>
</thead>
<tbody>
<tr>
<td>The chair does not start-up</td>
<td>Is the power cord plug connected?</td>
<td>Connect the power cord plug with the receptacle</td>
</tr>
<tr>
<td></td>
<td>Is the power switch of the lower part behind the main body turned off</td>
<td>Turn the power switch “ON”</td>
</tr>
<tr>
<td>The chair stops halfway.</td>
<td>Is the backrest in touch with the main body or the like?</td>
<td>Move the chair away from the main body or the like. Turn the power switch of the lower part behind the main body OFF and ON.</td>
</tr>
<tr>
<td>(The remote controller does not work)</td>
<td>Is there any load given to the knead balls? (Should there be any load given to the knead balls, a safety mechanism works to stop all the functions)</td>
<td>Detach the body from the backrest for a moment, turn OFF and ON the power switch of the lower part behind the main body and once again operate from the beginning.</td>
</tr>
<tr>
<td>The backrest cannot be reclined</td>
<td>Is the power cord plug connected?</td>
<td>Connect the power cord plug with the receptacle</td>
</tr>
<tr>
<td></td>
<td>Is the backrest in touch with the wall or the like?</td>
<td>Move the chair away from the main body or the like</td>
</tr>
<tr>
<td>The leg part is not lowered to the retraction position?</td>
<td>Is the leg part air turned “ON”</td>
<td>Turn the leg part air “OFF”</td>
</tr>
</tbody>
</table>
The following message may be displayed on LCD: "ERROR: Switch on Power then on/off". In this case, following the instruction, turn the power switch OFF and ON.

- When the operation could not be done normally even if the above counter measure is performed, or the same error occurs repeatedly, switch "OFF" the power switch of main body and disconnect the power cord plug from power receptacle. And then, contact your retailer or our customer care.

**Checkpoints**

<table>
<thead>
<tr>
<th>![Warning Icon]</th>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>When using the chair after a while, read the user manual once again, check to make sure that it operates normally to use again. Failing which may cause injury or accident.</td>
<td></td>
</tr>
</tbody>
</table>

---

**Inspection Important!**
Be sure to make inspection for longer use.

Are there these symptoms?
- Chair emits scorching smell
- The power cord or the plug is overheated
- Electricity runs on or off with the power cord moved
- There are some other abnormalities

For prevention of accident or trouble, turn "OFF" the power switch of main body, disconnect the power cord plug from power receptacle, and contact your retailer or our customer care.
# Specifications

<table>
<thead>
<tr>
<th>Product name</th>
<th>massage chair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model number</td>
<td>4D-970</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rating</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply(50/60 Hz)</td>
<td>AC100V-240V (Varies from country to country)</td>
</tr>
<tr>
<td>Rated time</td>
<td>30 min</td>
</tr>
<tr>
<td>Power consumption(50/60Hz)</td>
<td>130W (Standby power: 0.3W)</td>
</tr>
<tr>
<td>Motor power consumption</td>
<td>90W</td>
</tr>
<tr>
<td>Electric heater power consumption</td>
<td>40W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mecha(Knead balls) massage speed adjustment range</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Knead</td>
<td>4-step adjustment (approx. 8-30 cycles/min)</td>
</tr>
<tr>
<td>Tapping</td>
<td>4-step adjustment (approx: 250-650 cycles/min)</td>
</tr>
<tr>
<td>Up and down</td>
<td>Approx. 5.4cm/second</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Air pressure for air-massage</th>
<th>Approx. 45kPa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mecha(knead balls) massage strength adjustment range</td>
<td></td>
</tr>
<tr>
<td>Auto course</td>
<td>7-step adjustment</td>
</tr>
<tr>
<td>Manual selection</td>
<td>12-step adjustment</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Air massage strength adjustment range</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Shoulder</td>
<td>5-step adjustment</td>
</tr>
<tr>
<td>Arm</td>
<td>3-step adjustment</td>
</tr>
<tr>
<td>Waist/Buttocks</td>
<td>5-step adjustment</td>
</tr>
<tr>
<td>Leg</td>
<td>5-step adjustment</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Auto-timer</th>
<th>Approx. 7, 16, 30 min</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Reclining angle</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Seat back</td>
<td>Approx. 115° - 165°</td>
</tr>
<tr>
<td>Footrest When air massage is on</td>
<td>Approx. 45° - 85°</td>
</tr>
<tr>
<td></td>
<td>When air massage is off</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Upright position</td>
<td>Approx. W800 x D1370 x H1230(mm)</td>
</tr>
<tr>
<td>Reclining position</td>
<td>Approx. W800 x D1920 x H810(mm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weight</th>
<th>Approx. 88kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upholstery</td>
<td>PVC leather, Polyester</td>
</tr>
<tr>
<td>Country of Origin</td>
<td>Made in Japan</td>
</tr>
</tbody>
</table>