



OVAL HOME Adaptive Spinal Protection Flex 1
Product Instructions

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Thank you for choosing OVAL HOME

OVAL HOME adaptive spine protection bed frame is designed to help users sleep more healthily and provide a more comfortable sleeping experience.

In order to allow you to fully enjoy the full range of services of OVAL HOME, please read this manual and related illustrations carefully before using this product, and strictly follow the relevant instructions. Please operate and keep this instruction manual properly.

Note: Due to the need for continuous product updates, the actual product may not be completely consistent with the instructions. Please refer to the actual product.

*This manual will briefly introduce the operating procedures, please read all safety precautions carefully. Follow the information for safe use of all functions, please keep this guide.

For future reference

01 Notes

Transport and handling

- ❗ We provide transportation protection for new products. If secondary transportation is required, please take enhanced protective measures to avoid damage to the bed frame.
- ❗ As the bed frame is heavy, please ensure that the movers have the necessary physical strength and professional knowledge and follow safe moving techniques and operating procedures.
- ❗ Please comply with local traffic and transportation regulations to ensure that the bed frame is transported legally and in compliance with regulations.
- ❗ Please avoid transportation under extreme environmental conditions to avoid affecting product performance and service life.
- ❗ When stacking or loading the bed frame, avoid excessive pressure, severe collision or stacking of heavy objects to prevent the bed frame from deformation or damage.

Use and Operation

- ❗ Please keep away from pets and children when unpacking to prevent accidental injuries.
- ❗ The bed frame should be placed face up on a flat surface and not tilted.
- ❗ The single-sided bed frame design is only suitable for 1 adult sleeping. Do not overweight or crowd it to provide the best sleeping experience.
- ❗ There may be a slight odor when you first open the package. The odor is non-toxic and harmless and will gradually dissipate. This product has been tested to strict safety standards, so please use it with confidence.
- ❗ Avoid contact between the bed frame and sharp objects to prevent accidental damage.
- ❗ Avoid placing a too hard mattress on the bed frame to avoid affecting the functional experience. It is recommended to use this brand's adaptive spine protection mattress to achieve the best sleeping experience.
- ❗ Before use, check whether the product has scratches, damage or stains. If there is any damage, please contact after-sales service in time.

Cleaning and maintenance

- ❗ Avoid splashing or spraying liquids on the bed frame to avoid affecting product performance or causing rust.
- ❗ Avoid direct sunlight or high energy lighting to prevent discoloration or degradation.
- ❗ Keep the bed frame in a dry and ventilated indoor environment, avoid pollution, sunlight or moisture, and keep away from high temperature and flammable objects.
- ❗ If you need to wipe or move this product, be sure to unplug the power supply first to avoid electric shock.
- ❗ If a malfunction occurs, please contact the staff in time. Do not disassemble or repair it privately to avoid causing greater damage.

Safety Warning

- ❗ Be careful of pinching: When the moving parts of this product are working, do not place any part of your body too close to the moving parts to avoid pinching.
- ❗ Be careful with children and pets: Do not let children and pets play under the bed. Please place the remote control out of reach of children and pets. Keep the power plug and socket away from children and pets. When children use this product, make sure there is an adult to supervise them.
- ❗ Avoid strenuous activities: Do not perform strenuous activities such as jumping on the bed to prevent damage to the structure or personal injury.
- ❗ Weight limit: The maximum flat load that this bed frame (single side) can bear is 150 kg. This weight refers to the weight evenly distributed on the bed, not the weight placed on one side alone. If one end of the bed frame exceeds the load-bearing limit and causes damage to this product, the warranty will be void.
- ❗ Reserve space: When placing this product, do not place it too close to the wall or headboard. A certain amount of space needs to be reserved during the raising process of the bed frame.
- ❗ Keep away from high temperatures: Avoid contact with high or low temperature objects to prevent deformation or damage.
- ❗ Keep away from open flames: Do not use open flames or uncertified electrical equipment near the bed frame to avoid fire or heat damage.
- ❗ Non-removable: Please be sure to use the original power adapter and accessories. Do not open or modify the main control box, motor and other accessories without authorization to avoid safety risks. If the accessories are damaged, please contact the staff in time to replace them. If you replace or repair them without authorization, you will not be covered by the warranty.
- ❗ Abnormal noise: This product will make some noise when it is working, which is normal. If abnormal noise occurs during use, please stop using it immediately and contact the staff for inspection and maintenance in time.
- ❗ Avoid continuous use: Due to the working characteristics of the motor, do not adjust the angle continuously for a long time to avoid overheating of the motor and thus shortening its working life.
- ❗ Not for medical use: This bed frame is designed for home use only. Do not use it as a medical device or in a non-home indoor environment

Usage suggestions

- ❗ Before using the bed frame, please check that it is placed on a flat surface.
- ❗ The bed frame remote control provides a customizable angle memory function, allowing users to set a mode angle that better suits their usage habits.
- ❗ If the bed frame is not to be used for a long time, please adjust it to a flat position.
- ❗ If the backlight brightness of the remote control is extremely low, it means that the battery power of the remote control is insufficient. Please replace the AA battery in time.
- ❗ If the remote control is not to be used for a long time, please remove the batteries to prevent leakage or corrosion.
- ❗ If you are unable to control the bed frame, please first check whether the remote control battery is sufficient, or try to disconnect the power supply of the bed frame, reconnect the power supply and pair the remote control again. If necessary, please contact the staff for help in time.
- ❗ It is recommended to use with this brand's adaptive spine protection mattress and fitted sheet to achieve the best sleeping effect.

02 Product Specifications

Bed Frame Parts	
Product Name	OVAL HOME Adaptive Spinal Protection Flex
Model	F1 series
Size	1970(L)*885 (W)*390(H)mm
Weight	75kg (one side)
Maximum Load	150kg (single-sided flat)
Electrical Parts	
Size	720(L)*230(W)*385(H)mm
Weight	1.7kg
Rated input	Input AC100~240V, 50/60HZ Output DC24V@7.5A, 180W
Communication	Bluetooth/RF
Certification	UKCA/CE/FCC/IC/SRRC
Usage Environment	Indoor

Hazardous substances in surface coatings

Part Name	Pb	Hg	Cd	Cr	PBB	PBDE
Control Box	×	○	○	○	○	○
Metal components	○	○	○	○	○	○
Plastic components	○	○	○	○	○	○
power supply	○	○	○	○	○	○
Wire and cable	○	○	○	○	○	○
Appendix	○	○	○	○	○	○

This form is prepared in accordance with SJ/T 11364

○: Indicates that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirement specified in GB/T 26572

×: Indicates that the content of the hazardous substance in at least one homogeneous material of the component is within the limit requirements specified in GB/T 26572.

Remark:

① Among the parts marked with “×” in the above table, some contain harmful substances exceeding the standard. Due to the current technical level of the industry, it is temporarily impossible to achieve replacement or reduction.

② All components in the above table comply with the environmental protection requirements of the EU Rosh Directive.

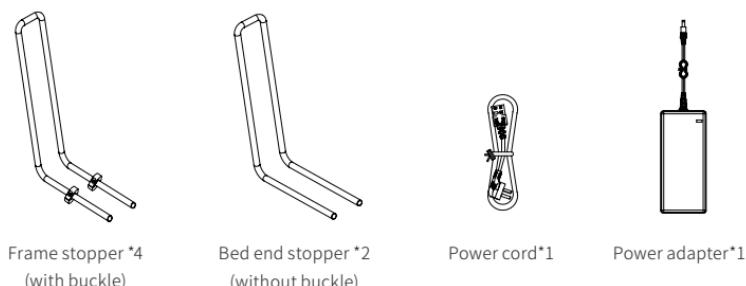
③ Environmental protection use period description: This electronic product, under the use conditions described in the manual, contains no harmful substances or elements that will leak out or mutate, and will not cause any damage to the environment. The period for causing pollution to the environment or serious damage to life and property is 10 years.

④ When the product is scrapped, local waste disposal laws and regulations should be followed to avoid secondary pollution.

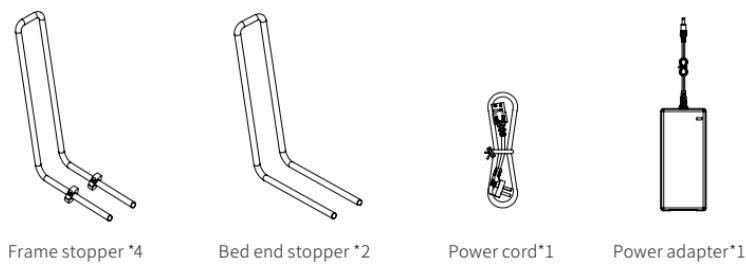
03 Accessories List

Before opening the package, please check whether the product packaging is intact. After unpacking, check whether the bed frame has any wear, bumps, etc., and check whether the accessories are complete. Before discarding your outer packaging, please carefully check whether the following parts have been completely removed to avoid loss.

Left accessory box*1

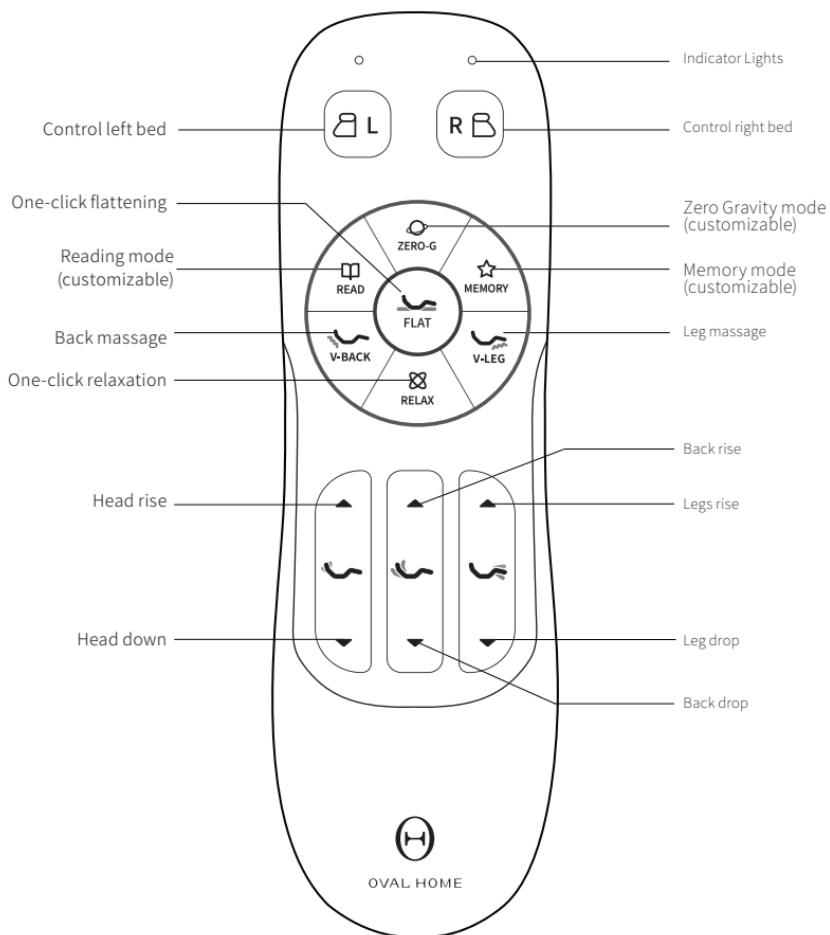


Right accessory box*1



04 4 Remote Control Instructions

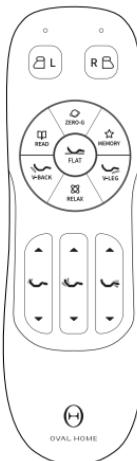
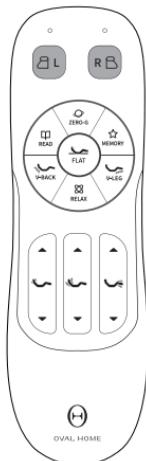
1. Remote control button description



Remote Control Specifications

Remote Control Specifications	
Size	180(L)*56(W)*38(H) mm
Weight	380g
Battery Specifications	AAA (1.5V) *2
Communication	RF
Certification	UKCA/CE/FCC/IC/SRRC
Usage Environment	Indoor

2. Remote Control Instructions



Pairing:

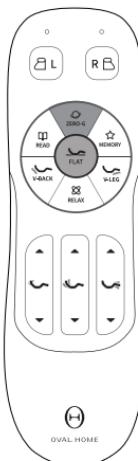
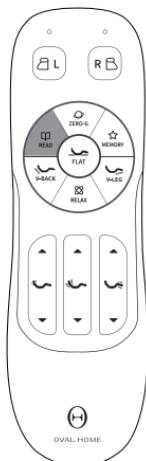
Press and hold " **BL** " + " **RB** "

for 3 seconds until the indicator light flashes

Switch between left and right bed frames:

Press " **BL** " to switch to control the left side

Press " **RB** " to switch to control the right side



Custom mode angle:

Press and hold the mode you want to customize, such as " **FLAT** ", for 5 seconds, until the indicator light flashes, the current angle is successfully saved as the corresponding mode.

Only the " **FLAT** ", " **ZERO-G** ", and " **RELAX** " modes support custom angles.

Restore factory settings:

Press and hold, " **FLAT** ", " **ZERO-G** ", and " **RELAX** " for 3 seconds until the indicator light flashes.

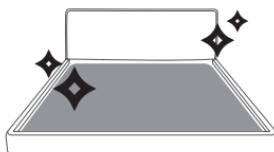
But all saved custom angles are successfully deleted and restored to the default factory settings.

05 Installation Instructions

Before installing your OVAL HOME Adaptive Back Bed Frame, please make sure you have selected a suitable location for the bed frame. Please follow the steps below to install it.

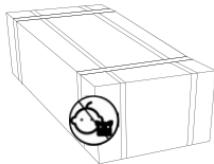
1. Preparation

- Clear the space where the bed frame will be placed and make sure the floor is level and free of foreign objects.
- If you already have a bed frame, please make sure there is no foreign matter inside the bed frame and be sure to check the bed frame dimensions to ensure that it will fit the space required for this product

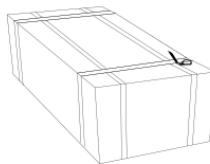


2. Open the package and take out the "left" bed frame

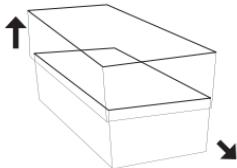
- Keep pets and children away when unpacking the bed frame to avoid injury.
- When using sharp tools to unpack the bed frame, do not use excessive force or too quickly to avoid scratches.
- Cut the outer packaging rope, open the carton, and take out the bed frame.



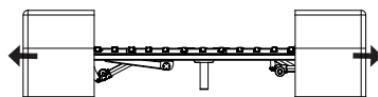
Ensure the placement surface is flat and the environment is safe



Cutting the carton tie



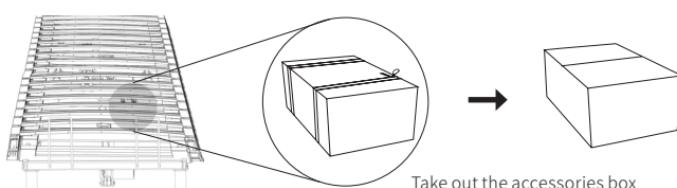
Remove the top carton and unfold the bottom carton



Remove the anti-collision sponge and other packaging

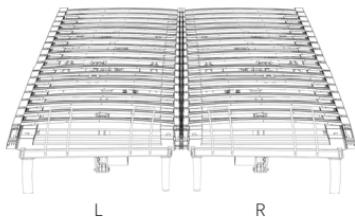
3. Take out the accessory box and place the bed frame

- Cut the rope that secures the accessory box and remove the accessory box for subsequent installation and use.
- Place the main body of the bed on a flat surface or in the bed frame, making sure that the bed frame does not press or pinch the wires!



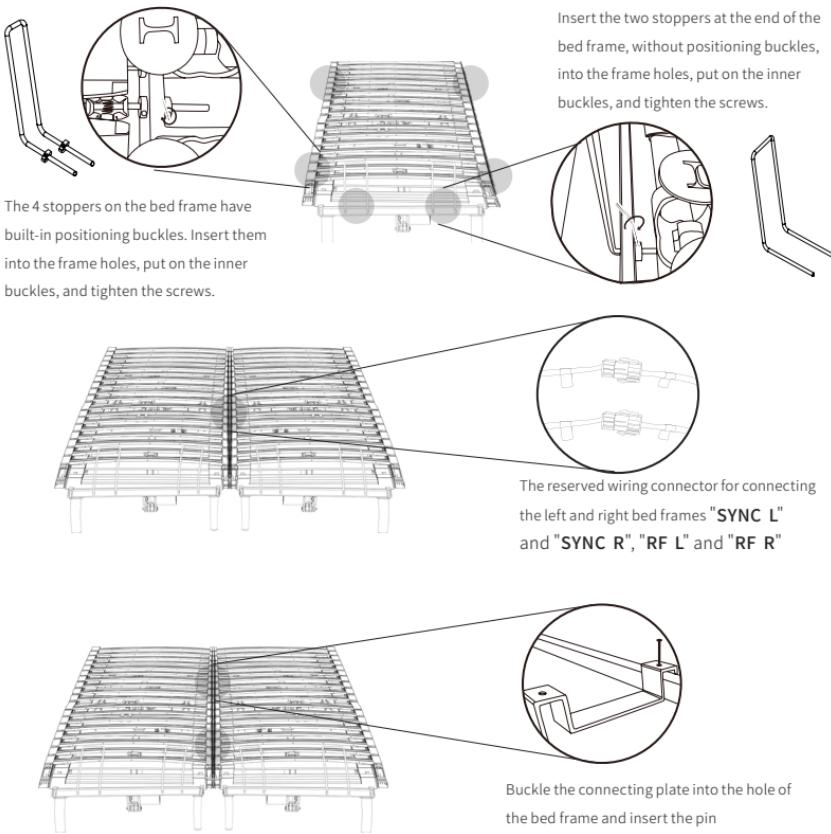
4. Open the package and take out the "right" bed frame

- Repeat steps 1 to 3 to place the "right" bed frame
- Place the two bed frames together, making sure they are aligned horizontally, and pay attention to the direction of the left and right bed frames.



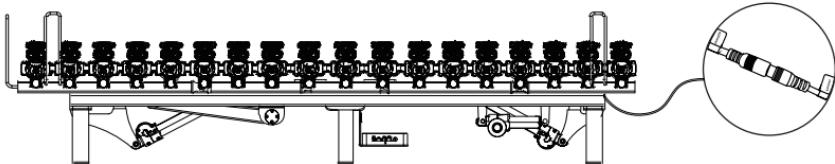
5. Install accessories and connect the left and right bed frames

- Take out the "stopper" from the accessory box. A total of 6 pieces are needed for one side of the bed frame. Install them at the rear (2 without fixing buckles) and on both sides (4 with fixing buckles). Insert them into the bed frame. Put the fixing clips on the reserved holes on the frame as shown in the figure, tighten the screws with the matching wrench, and repeat this operation on the left and right bed frames.
- Connect "SYNC L" and "SYNC R" of the left and right bed frames, and "RF L" and "RF R", and route the wires as shown in the figure.
- Place the left and right beds close together, take out the "left and right connecting plates" from the accessories box, and insert the pins on both sides as shown in the figure. Just make sure the connection is firm and without any abnormal noise



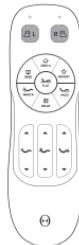
6. Install the power adapter and connect the power supply

- Take out the "Power Cord" from the underside of the headboard of the left and right bed frames respectively. The cable "POWER" tag, remove comes with the "Power Adapter" in the accessory box for connection.
- Connect the power adapter to the power socket at the bedside, plug in the power supply.



7. Install batteries in the remote control and pair with the bed frame

- Remove the remote control box and install the batteries, which is completed when the indicator light on the remote control flashes, indicating that the battery power is sufficient.
- Pairing: Press and hold "A" + "B" at the same time for 3 seconds until the indicator light flashes. Press the remote control command and the bed frame can be controlled normally, which means pairing is successful.



The remote control needs to be paired when used for the first time

Press and hold "A" + "B" for 3 seconds until the indicator light flashes, and pairing is complete.

- Switching the side buttons of the remote control can control the left and right bed frames normally without any abnormal noise, and the installation is complete.
- If the bed frame cannot be controlled normally, re-plug and unplug the bed frame power supply, repeat step 7, and re-perform the pairing operation. If necessary, contact the staff for help.

8. Enjoy perfect sleep

- Fully unfold your mattress, clip it between the 6 bars, and use the remote control to control the mattress to bend and recover normally as the angle of the bed frame changes. Once the installation is complete, you can enjoy the comfortable and supportive sleeping experience brought by the OVAL HOME adaptive spine protection bed frame.
- If you have also purchased the OVAL HOME Adaptive Spinal Protection Mattress, please read the Mattress User Manual patiently and install the mattress according to the instructions.

06 Environmentally friendly recycling

1. When you need to replace this product, OVAL HOME will provide you with free old bed recycling service. If your old bed is our product, you can also deduct part of the purchase cost of this product
2. When replacing the remote control battery, please recycle or dispose of the battery properly in accordance with local laws and regulations.
3. If you need to recycle your other mattresses and bed frames, you can also contact us or a specialized large-scale recycling and cleaning company for recycling. Proper disposal of waste products will contribute to the sustainable development of the environment and human health. To help protect the environment, OVAL HOME will work with you!

07 Troubleshooting

- ① Check whether the remote control battery is sufficient;
- ② Make sure the product is powered on normally, replug the power supply, and pair the remote control again
- ③ Check whether the relevant line connections are loose.

If there are no abnormalities in the above troubleshooting items, but it still does not work properly, please contact us:

Service Email: Service@ovalhome.com

08 FAQ

Q Can the F1 Bed Frame be used with other bendable mattresses?

A Most bendable mattress designs are compatible with this bed frame, but there may be issues with partition size incompatibility. We recommend consulting our customer service team or professional sales staff before purchasing, and refer to the manufacturer's recommendations to ensure that the mattress and bed frame are perfectly matched to achieve the best sleeping experience.

Q What is the load-bearing capacity of the F1 bed frame? Can I exercise vigorously in bed?

A The maximum flat load that this bed frame (single side) can bear is 150 kg. This weight is evenly distributed on the bed frame, not just on one end of the bed frame. It fully complies with the load-bearing test standards and meets normal usage, but strenuous activities such as jumping on the bed should be avoided to prevent personal injury.

Q Will the metal and plastic materials of the F1 bed frame have any odor?

A All materials used in our bed frames comply with relevant standards, strictly implement relevant tests, and obtain third-party safety certification, and will not have any odor.

Q Does the F1 bed frame make a loud noise when it is raised or lowered or vibrates for massage?

A We use only high-quality accessories in the industry. The sound during the lifting and lowering of the bed frame comes from the electric motor. The actual measurement shows that when the lifting and vibration are working at the same time, the sound is only 50dB, which is equivalent to the background sound of a library. The movement structure of the bed frame is designed with an anti-noise structure and will not make any abnormal noise. Normal turning over, sitting up, shaking and other movements will not cause noise.

Q Is it necessary to have a rail and headboard? Will the F1 bed frame fit most rails and headboards?

A It can be used alone. The outer surface of our bed frame itself is designed according to the quality requirements of the first-class outer surface. The bed frame can be used alone. If you already have a bed guard and headboard, we recommend that you consult our customer service team or professional sales staff before purchasing, and refer to the manufacturer's recommendations to ensure that the size matches perfectly.

Q F1 Will the sheets slide when the bed frame is raised or lowered?

A This bed frame will slide slightly when adjusting the angle. We recommend using a fitted sheet with matching size. Please check the size before purchasing.

Q Can the robot vacuum cleaner clean under the F1 bed?

A Yes. The height of our bed frame and the footrest is 18cm, which can pass through most sweeping robots, and the wires at the bottom of the bed frame are designed to be fixed, so there is no risk of wires falling to the ground or getting tangled.

Q Is it safe to connect the F1 bed frame to electricity? Will there be leakage?

A We understand your concerns. Through the original power adapter, the input voltage of the bed frame is only 24V, which is within the safe voltage range, and it is equipped with power-off protection when the circuit is abnormal. At the same time, the overall design and materials of the mattress have passed strict safety certification to ensure safety during use.

Q Does the F1 bed frame have any radiation issues?

A Our bed frames are designed to strictly follow the low radiation principle. The electromagnetic field (EMF) radiation level is far below the safety limit recommended by the International Commission on Radiation Protection (ICRP). Compared with daily electronic devices (such as mobile phones and computers), the radiation level is completely negligible. Therefore, using our bed frames will not pose any radiation risk to your health.

Q Is the F1 bed frame a pinching hazard? Can it be used around children and pets?

A Special reminder: When the bed frame is being raised or lowered, please be sure to pay attention to nearby children, pets or other objects, and do not get too close to the moving parts of the bed. Please place the remote control where children and pets cannot easily touch it. Children must be accompanied by adults when using this product.

Of course, just in case, we have set up three layers of protection:

① We use a tension-free motor, so there is no motor tension when the bed frame is lowered;

② The speed of our motor is only 5.3mm/s, which is very slow;

③ When the bed frame is rising or falling, you can stop it immediately by pressing any button on the remote contro

Warranty card

Dear customer, thank you for purchasing OVAL HOME products. To protect your rights, please keep this warranty card properly.

This warranty card provides you with the following services:

1. Quality Assurance: we promise that our products comply with national standards and industry specifications, and our products enjoy the following warranty policy from the date of original purchase

2. This warranty does not apply to the following situations:

Warranty Type	Period Warranty Terms	Warranty terms
Fully	1 year	<p>The entire bed frame is covered by the warranty, including all accessories on the corresponding product, and we will provide it to the buyer free of charge. Any parts that we determine are not caused by human damage and are defective due to normal use.</p> <p>If the purchaser does not return all defective parts within 15 days after receiving the replacement parts, the full warranty will be void.</p>
Limited	5 years	<p>We will provide the purchaser with any parts that we determine are not caused by human damage and are in accordance with the defects caused by normal use. Includes all accessories on the corresponding product. The buyer shall bear all the costs of repairing or replacing the corresponding parts. Service, labor, shipping and 50% of the cost of accessories</p> <p>If the purchaser does not return all defective parts to us within 15 days after receiving the replacement parts, the purchaser will no longer enjoy this full warranty service.</p>

Additional Terms and Conditions:

① Under no circumstances shall this warranty cover any damages caused by misuse, normal wear and tear, product overloading, man-made damage, abuse, modification or non-compliance. Use in accordance with the Instructions, and any failure or damage caused by force majeure or natural disasters.

② This warranty does not cover any purchaser other than the original purchaser (except those who can provide the original purchase receipt), nor does it cover products purchased from unauthorized third parties. If you do not purchase this product directly from Shuford, we will require you to provide the original purchase receipt and have the right to make a valid claim under this warranty.

③ We only bear the labor and shipping costs that we recognize. If the product is repaired or modified by the purchaser or an unauthorized third party, or the product is damaged during transportation, it is not covered by the free warranty. This warranty does not apply to damage to items provided by unauthorized resellers. Unauthorized resellers are individuals or entities that purchase products with the intention of reselling them.

④ According to the terms of this warranty, the repair or replacement of the bed frame and its components will be applicable to the original warranty period and will not extend the warranty period. The warranty period for this product starts on the date the purchaser receives the product.

⑤ If the purchaser does not provide proof of original purchase, we have the right to determine whether the product is covered by this warranty and may use the manufacturing date as the warranty start date.

⑥ This warranty does not apply if the purchase time exceeds the warranty period or the warranty card is tampered with without authorization.

⑦ OVAL HOME reserves the final right of interpretation of this warranty

⑧ This warranty gives the purchaser specific legal rights, and the purchaser may also have other legal rights. Please keep this warranty document and the original sales receipt for future reference and records.

User Information

Name: _____

Contact Number: _____

E-mail: _____

Address: _____

Postal code: _____

Product Information

Product Name: _____

Product Model: _____

Product factory number: _____

Seller Information

Seller Name: _____

Contact Number: _____

E-mail: _____

Address: _____

Invoice Number: _____

Sale Date: _____

Warranty Details

Warranty Unit: _____

Contact number: _____

E-mail: _____

Address: _____

Postal code: _____

Warranty Record: _____

Warranty period: _____

Product Information Code

We sincerely hope that you will enjoy our products and services. If you have any comments or feedback, please feel free to contact us. We will continue to improve and perfect it for you. Provide a better experience. Thank you again for your support and trust!

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Technical Support

If you have any questions, please call the service hotline or contact the official customer service to leave a message, and OVAL HOME technical support experts will answer your questions.



Service Email: Service@ovalhome.com