

**KAT VR**

# KAT Walk Coord 2 Plus Enhanced Unpacking and Quick Installation Guide

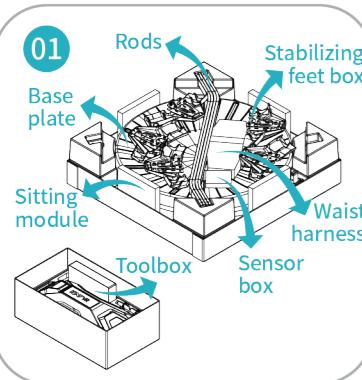
Remaining steps on the next page

Scan For Manual

⚠ 1. Wear protective gloves and footwear throughout the entire procedure! (Free gloves are included in the toolbox.) Place the product on a carpet or take other measures to protect the floor.  
 2. Scan the left QR code for the Owner's Manual and read it carefully. Follow the instructions of the Owner's Manual in its entirety. This manual contains important safety instructions. Failure to follow instructions could result in serious injury or worse. Scan the right QR code to watch the video guide.  
 3. All screws must be tightened very firmly, especially in the marked with ⚠. Incorrect installation of the product may lead to safety hazards, abnormal noises, and result in serious bodily injury or worse.  
 4. Contact: service@katvr.com  
 \* Slight differences may exist depending on the device version.

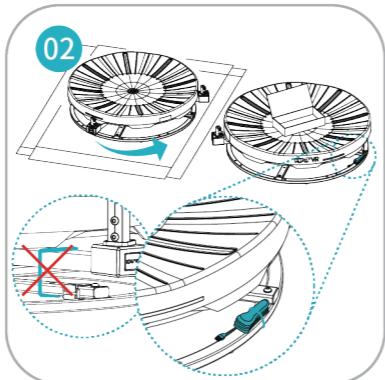


Scan For Video Guide



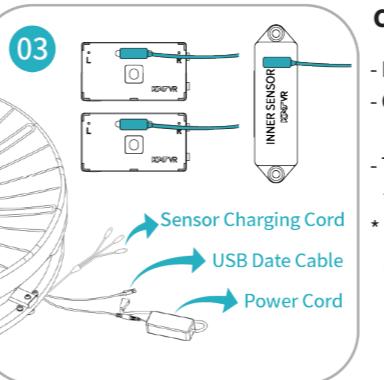
## Unpack retrieve components

- Take out all boxes and parts.
- Find gloves in the tool box and wear throughout the entire procedure.
- Refer to the packing list for details.



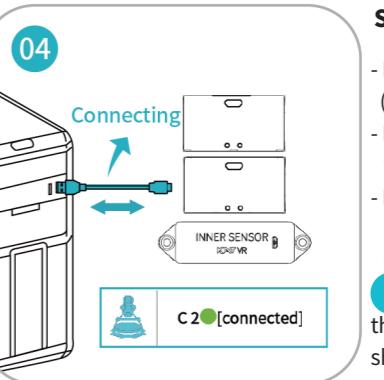
## Connecting the Base

- Cut the corners of the carton and fold them flat as shown.
- Take out all support feet and sitting module.
- Grab and Lift one side of the base (34kg) and rotate it out from the package.
- Cut the cable tie (not beam tie) then plug the power adapter into the socket.
- Open the toolbox and place it on the base for easy access.



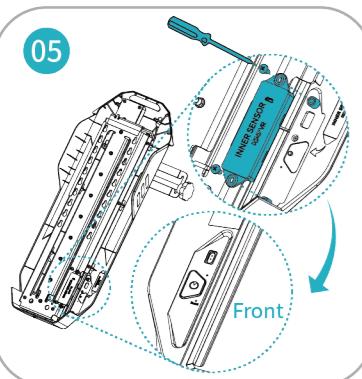
## Charging Sensors

- Find sensors in the sensor box.
- Charge the sensors for at 15 min to prepare for pairing.
- Take out the data cable and connect it to the PC USB port.
- \* Charging Light Status:  
Shoe Sensor - Flashing;  
Inner Sensor - Breathing.



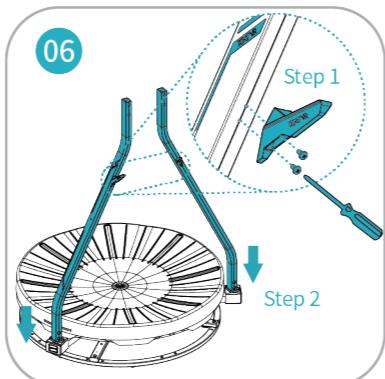
## Software Setup

- Download and install KAT Gateway ([www.kat-vr.com/pages/support](http://www.kat-vr.com/pages/support)).
- Find the connecting cable from the toolbox.
- Pair the sensors following software prompts and update to the latest firmware version.
- ⓘ Check the Gateway to ensure the sensors are detected properly as shown.



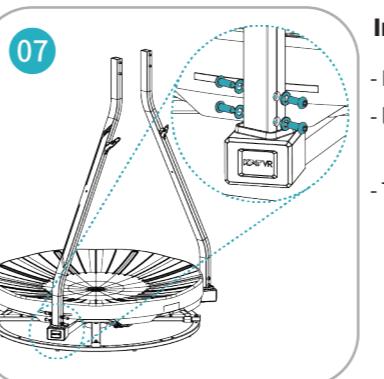
## Mounting the Inner Sensor

- Don't begin this step until you have completed the sensor pairing.
- Find the screwdriver and the 2 S short screws.
- Mount the inner sensor on the back support plate with the sensor data port upward.



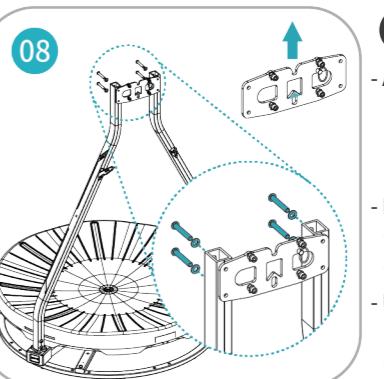
## Inserting Support Rods

- Find the screwdriver and the S short screws.
- Find the support rods and storage hooks.
- Mount the hooks on the back of rods with 4 screws. Logo sides faces outward, hooks face backward.
- Insert the support rods into the rod openings on the base.



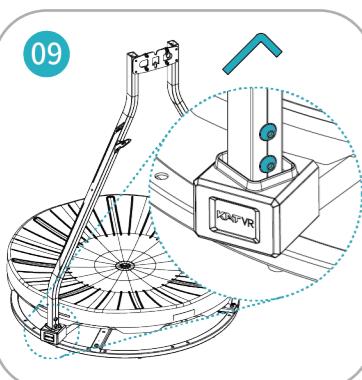
## Inserting Support Rods

- Find the M short screws and gaskets.
- lift the rod up slightly and align the hole to insert 8 screws with gaskets.
- Temporarily, do not tighten.



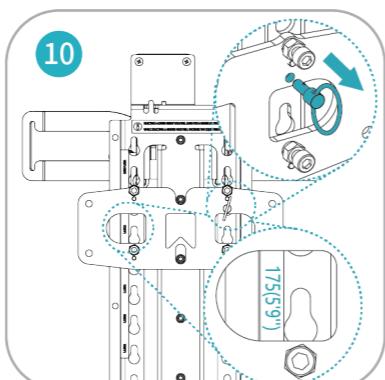
## Inserting Connection Plate

- Align the connection plate with the mounting holes on the support rod. Connecting plate: arrow up, safety pin out.
- Find the L screws and gaskets, push them through the holes on rod and the plate.
- Use the S wrench to secure the nut, and the L screws to tighten all screws well to avoid safety hazards.



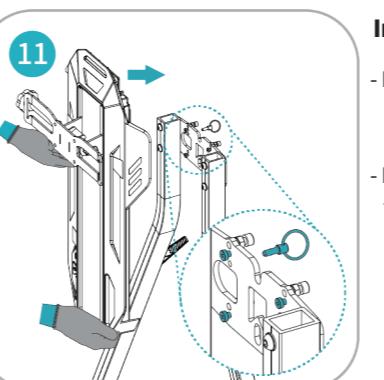
## Tighten Support Rods

- Use the S hex wrench to tighten the 8 M short screws at the end of the support rod.
- Note: Tighten all screws well to avoid safety hazards and abnormal noises.



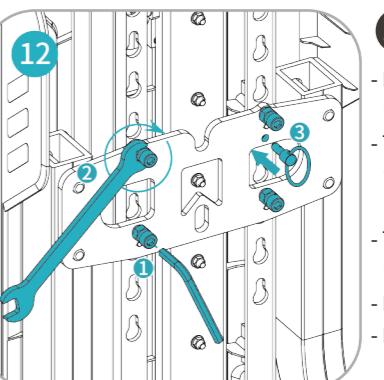
## Identify the Height Scale

- Height indicators are located on the back of the support, find the corresponding with your body height.
- Pull out the safety pin. (After the back support is installed, plug the safety pin back)
- Find the Back Support and step on the platform facing the rods.



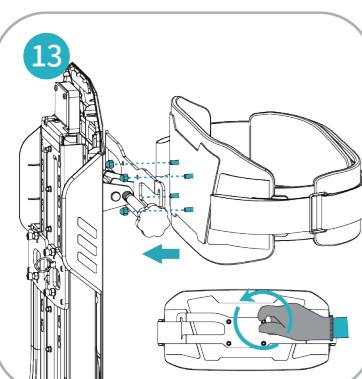
## Installing Back Support

- Mount the support plate on the upper bolts of the connecting plate. (According to your height)
- Push forward and firmly pull it down to ensure it reaches the lowest position in the socket.



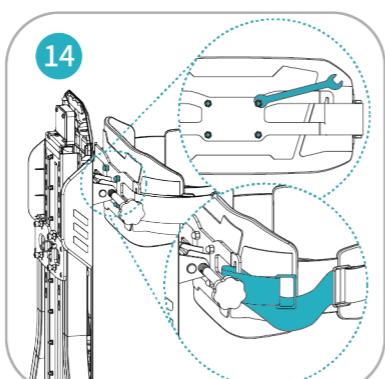
## Check and Tighten

- Find the S wrench and the Open-End wrench.
- Tighten screws with S wrench until they touch the back, protruding screws are by design.
- Then tighten the nuts with Open-End wrench.
- Insert the safety pin back completely.
- Note: Tighten well to avoid safety hazards.



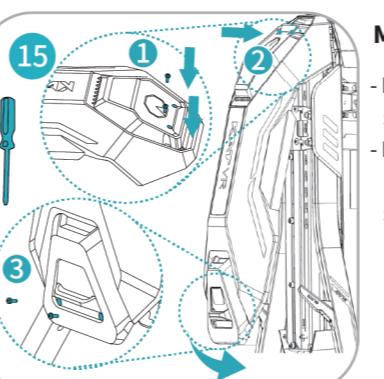
## Installing the Waist Harness

- Remove the 4 bolt heads.
- Ensure the harness logo faces up.
- Align the bolts with the hole of the back plate and insert. Hand-tighten the four cap nuts.



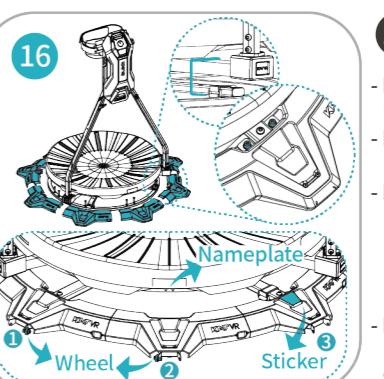
## Installing the Waist Harness

- Use the open-end wrench to tighten the 4 bolts for safety.
- Unfasten the outer harness straps and thread them through the back support's strap holes.
- Clean the base plate, step on, fasten up, and test crouching for height. If unsuitable, redo steps 10, 11, and 12.



## Mounting the Back shells

- Find the screwdriver and the S long screws.
- Pick up the back shell, align it with the back support, insert and tighten the screws in the top openings first, then repeat for the bottom screws.



## Installing Support Feet

- Find the M long screws, gaskets, L hex wrench.
- Find the 8 feet, 3 labeled ①②③ on the bottom.
- Locate the nameplate, install the 3 feet into the bottom ring exactly as shown, placing ② below the nameplate. Insert and tighten the screws. Install the remaining 5 feet randomly.
- Now cut the tie under the base to enable rotation.
- Securely tighten all screws to prevent safety hazards and noise.

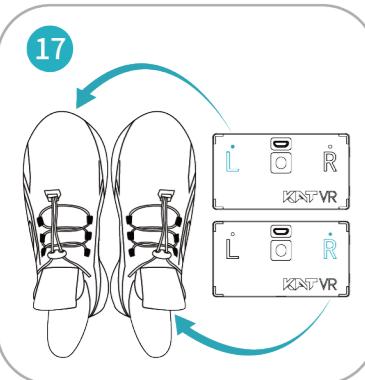
**KAT VR**

# KAT Walk Coord 2 Plus Enhanced Brief User Guide

⚠ 1. The device can only be used for personal VR entertainment and by healthy people aged 14 to 60, who are between 1.60m/5'3" to 1.95m/6'5" of height and weight below 130kg (286 lbs.). Must not be used for any other purposes.

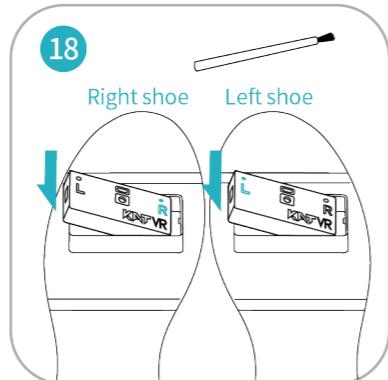
2. Avoid excessive use. The device has been strictly tested to ensure full safety and protected from tipping under normal conditions of use. However, if any sudden, large movement caused a large tilt of the device, do not keep purposely repeating or aggregating it in order to avoid safety hazards.

3. Modifications to the product are strictly prohibited. The dedicated shoes must not be used on any other surface than on the C2 Plus Enhanced platform.

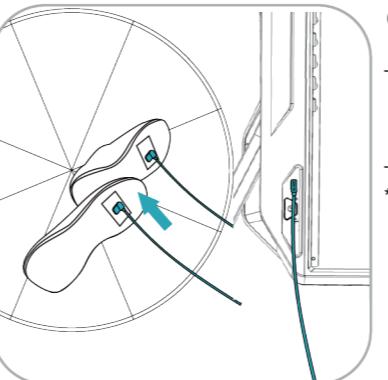
**Scan For Use Video****Identify the Sensors**

- Identify the paired L sensor (L light on), and find the L Shoe. Vice versa.

\* Light Status:  
Off: Sleep/Unpaired/Low Battery  
Flashing: Disconnected  
Constant: Connected  
Flashing: Charging

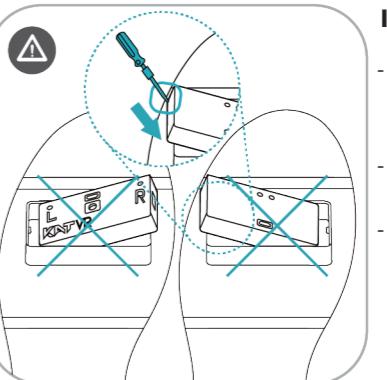
**Mounting the Sensors**

- Logo-side faces outside. Insert the sensors into the corresponding shoe sockets.
- Incorrect mounting will affect their operation.
- Note: Before using, ensure the surface of the shoe sensor is clean and free of dust. Use a brush to clean it if needed.

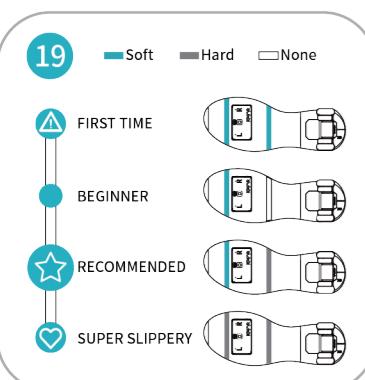
**Charging**

- Connect the extension cord if needed. Align the charging connectors well and charge the sensors.
- Check the charging status on Gateway.

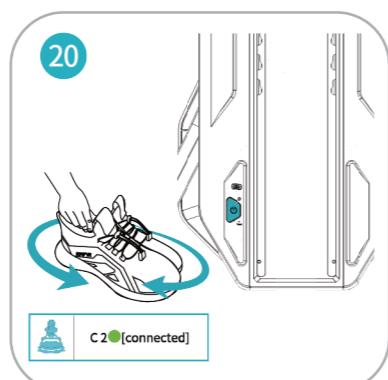
\* Charging Light Status:  
Shoe Sensor - Flashing  
Inner Sensor - Breathing

**Incorrect Mounting**

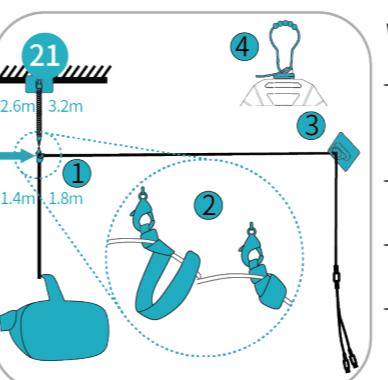
- The sensors must be installed exactly as shown in the previous step.
- Incorrect mounting of the sensors will affect their operation.
- If needed, use flat-head screwdriver to pry off the sensor.

**Friction Adjustment**

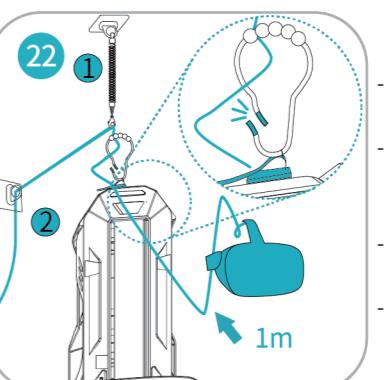
- Refer to left picture, add or remove stripes to adjust the shoe friction for your preferred walking experience.
- Soft Stripes: Higher friction for safer walking experience.
- Hard Stripes: Lower friction for easier movement.

**Wake Up the Device Everytime**

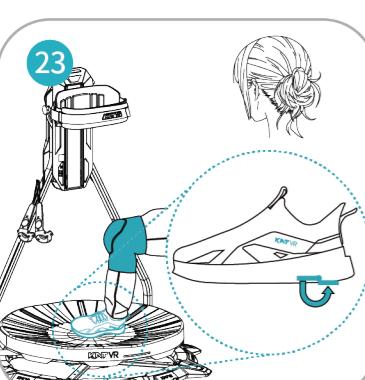
- Wake up the device everytime before getting on if it entered sleep mode (No movement for more than 30 min, lights off)
- Click the main button and shake the shoes to wake up.
- Check the connection status on Gateway.

**Wired HMD Cable Management**

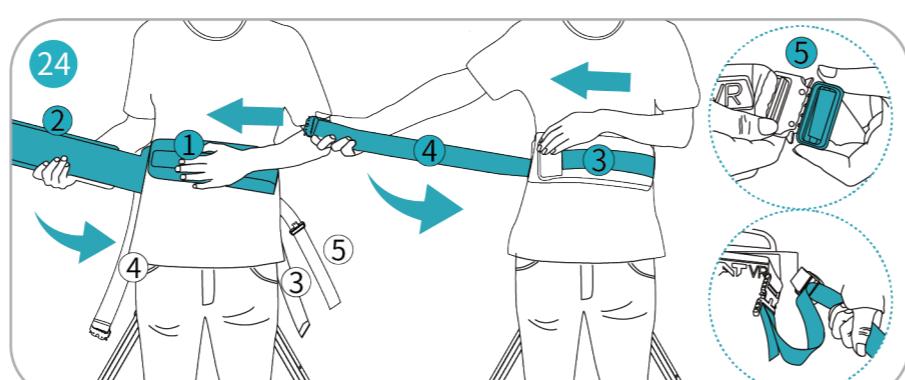
- Locate the HMD cable 1.4~1.8 m (Corresponding to roof height of 2.6m~3.2m) away from the HMD.
- Wrap the Velcro end tightly around the cable (fuzz-side face-in).
- Thread the USB end through the fixing loop.
- Stick the cable management clip to the top of the upper shell.

**Pull up the Cable**

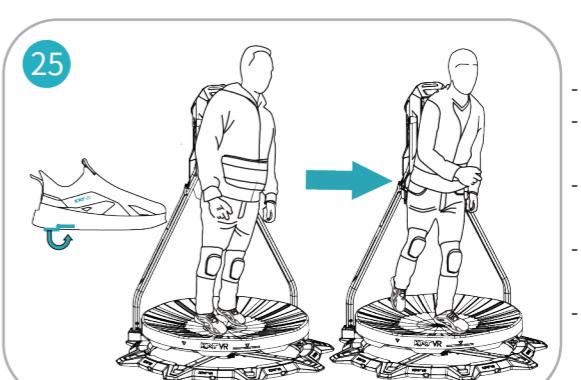
- Peel off and stick the fixing loop on the ceiling directly above the device.
- Stick the fixing loop on the nearby wall (higher than the device) and reconnect the USB to the PC.
- Squeeze to open the cable management clip, and insert the cable.
- Leave 1 m of cable for crouching.

**Preparation for Getting On**

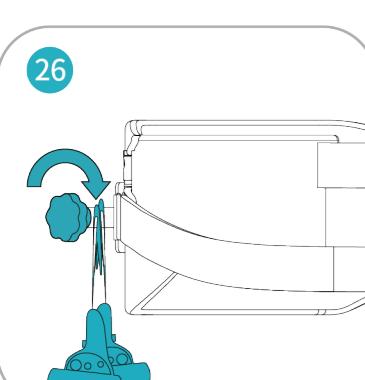
- Hang the HMD on the hook.
- Hang the controllers on the knob.
- Ensure the anti-slip protection lock is enabled and the base surface is clean.
- Tear open all the Harness straps.
- Equip kneepads and step onto the middle of the platform.
- If you have long hair, please tie them up.

**Extend and tighten the Waist Harness**

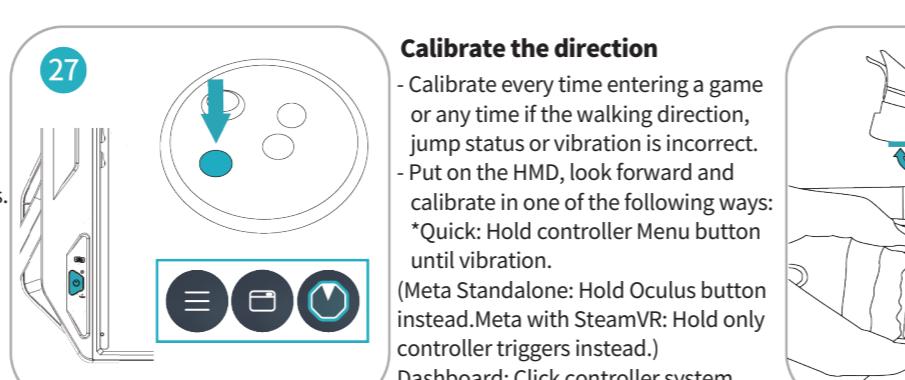
- Adjust the waist harness vertically near the thinnest part of your waist.
- Begin with the left inner belt, extend strongly and stick the Velcro, making the belts closely fit your waist. Repeat for other 2 belts (Sequence as shown) to tighten the harness until it feels in synergy with your body.
- Check the Velcro alignment and ensure faster the buckle to avoid safety hazards. Adjust the belt length if needed.

**Practice Walking**

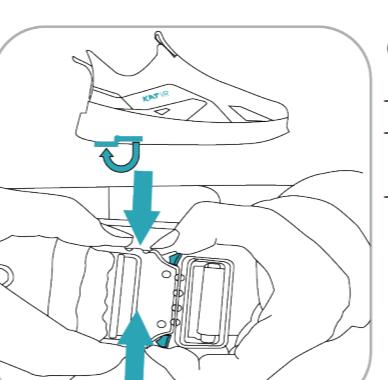
- Pack up the anti-slip protection lock.
- Stand straight with feet at the back of base as shown.
- Lean forward a little bit until you feel the shoe wheels start rolling.
- Take the first small step and slowly continue for practice.
- Keep practice for a few minutes until you get used to the simulated gait.

**Rotation Adjustment**

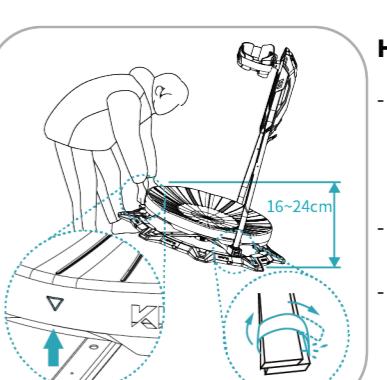
- When walking, it may occur that the rotational structure tends to turn towards a certain side continuously due to uneven ground or other reasons.
- If it tends to turn clockwise, please stand straight and turn the knob clockwise to adjust until the rotation works properly. Vice versa.

**Calibrate the direction**

- Calibrate every time entering a game or any time if the walking direction, jump status or vibration is incorrect.
- Put on the HMD, look forward and calibrate in one of the following ways:  
\*Quick: Hold controller Menu button until vibration.  
(Meta Standalone: Hold Oculus button instead. Meta with SteamVR: Hold only controller triggers instead.)  
Dashboard: Click controller system button, open the Gateway via KAT icon in platform dashboard.

**Getting off**

- Enable the anti-slip lock.
- Press the silver buttons on side of the buckle to open it.
- Tear open all the Harness straps and get off carefully.

**How To Move**

- Locate one of the bottom beams with an elastic belt, rotate the support rods to align the rotation beam with it exactly as shown.
- Pull the belt and secure it around the rotation beam.
- Hold the base at the marked hand positions with both hands and lift it up within 16~24 cm.
- Carefully move it backward only.