KAT VR

KAT Walk Coord 2
OWNER'S MANUAL
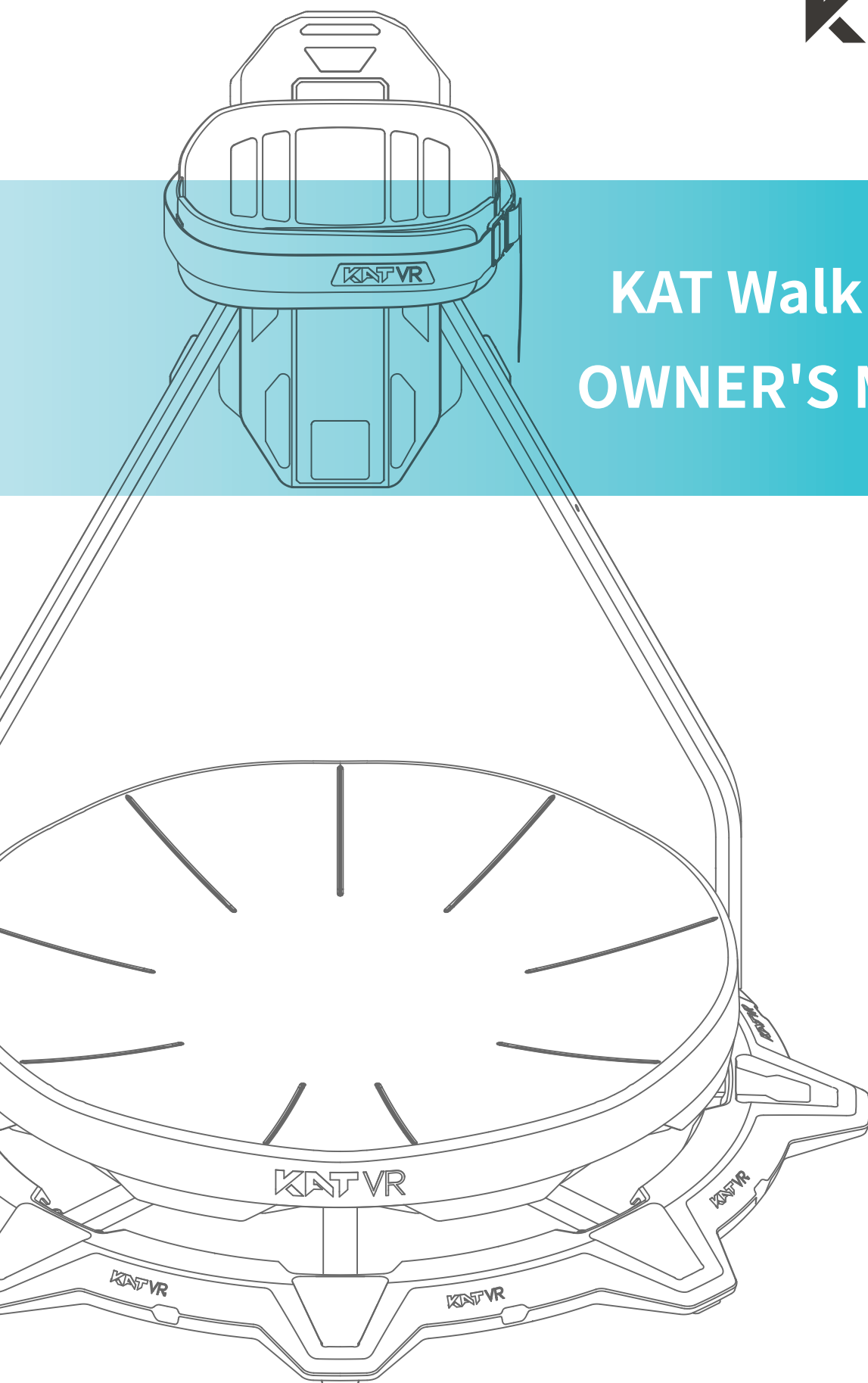
Acknowledgement

Thank you for purchasing our product!

Please, read this instruction manual carefully and keep it safely stored for future use.

KATVR reserves the right to interpret and modify the manual. Any amendments, updates and interpretations to the manual will be published on the KATVR official website.

Read this manual in its entirety. This manual contains important safety instructions. FAILURE TO FOLLOW INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH.

| INDEX

FIRST USE OF KAT WALK COORD 2

DISASSEMBLY & MAINTENANCE

APPENDIX

First & Foremost

This owner's manual contains all the information you need to install your KAT Walk Coord 2. The following symbols are used to indicate important information and instructions for the device set-up process:

⚠️ This symbol asks you to take certain precautions in the installation and/or operation of the product. It usually precedes instructions or safety information necessary to safely install or operate the product.

📝 This symbol points to hints and information you may find helpful in installing and enjoying your product.

ℹ️ This symbol points to important product specification and safety information.

⚡ This symbol is a safety warning and precedes information designed to ensure your personal safety and avoid potential risks.

Declaration

KAT VR It is the trademark of Hangzhou Virtual and Reality Technology Co., Ltd. All trademarks, product identification and trade names of other companies appearing in this manual belong to their respective owners. No parts or content of this manual may be copied or reproduced without the written permission of the company, and may not be shared in any form or used for any commercial or profitable purpose.

The contents of this manual are subject to change due to product upgrades or other reasons. Our company reserves the right to modify the contents of this manual without any notice or prompt. This manual is intended as a guide only. We do our best to provide accurate information in this manual but we do not guarantee that the contents of this manual are completely error free. Statements, information, and recommendations provided in this manual do not constitute any warranty, express or implied.

📝 For the latest information, please feel free to check out our official website: http://www.kat-vr.com

WARNING

To avoid injury or damage to the product, read and follow all the assembly and operation instructions before using KAT Walk Coord 2.

- This device is intended for use by healthy people aged 14 to 60, who are between 1.55m/ 5'1" and 2m/6'7" of height (recommended 1.60m/ 5'3" to 1.95m/6'5") and weight below 130kg (286 lbs.). Do not use the KAT Walk Coord 2 if you do not meet the age, height, or weight requirements, or if your physical condition does not allow for moderate to intense physical activity. If you are uncertain of your health condition, please consult your doctor prior to using this devise. Use of the device for more than 1 hour without a break is not recommended.

- The device has been designed specifically for personal VR entertainment . Use for any other purpose, including but not limited to medical rehabilitation is strictly prohibited.

- It is strictly forbidden to insert fingers, hands or any body part into any moving part(s) and openings.

- Please use the device according to the corresponding instructions or under the guidance of a professional to avoid injuries.

- Pregnant women or those with epilepsy, cardiopulmonary diseases, eye diseases, mental illnesses, anemia, people undergoing postoperative recovery and people with any physical or limb diseases, especially lower limb diseases are strictly prohibited from using this device.

- WARNING – This product is not intended for children under the age of 14. The product SHOULD NOT be stored in a room that children under the age of 14 or pets may access without supervision. Any spectators should keep a distance of at least 3 feet or 1 meter while the product is in operation.

- It is the owner's responsibility to follow installation and safety instructions. Failure to follow instructions may result in product instability and/or risk serious bodily   injury or death to users, bystanders, children, or pets.

- Always check the device before use to confirm that it is in a normal state without cracks, scratches, bumps, bends, oddly moving parts or other signs of wear and tear. Check all con- nections and moving parts to ensure that the nuts, bolts, and other joint structures are tightly fastened.

- The product base is slippery. When stepping on and off, make sure the anti-slip lock on the shoe sole is ENABLED. Equip a pair of kneepads and step onto the platform. Hold the back- support plate to keep balance. Before use, ensure the safety harness is tightly fastened according to the instructions in this manual. Do not use the device with the safety belts unfastened. When using the device, do not try to purposely reach beyond the product base with your foot.

- Be sure to read and follow all the product instructions and warnings of your VR Headset.

- Choking hazard: Do not leave small components that pose suffocation hazard within the reach of children and pets.

- Placement risks: Do not place this device in the following locations:
  （1）Outdoor with direct exposure to the sunlight;
  （2）Inclined or unstable surfaces;
  （3）Exhibition booths made of glass or those that are incapable of meeting the weight support requirements;
  （4）Near firefighting equipment or safety exits, etc.

- If you need to change the location after completing the assembly and installation, be sure to disassemble the device in strict accordance with the components order, use the same materi-al as the original packaging to wrap the device, and choose a high-quality logistics or han-dling company for the device transportation. Otherwise, the product may be prone to damage.

- Keep the device safely away from liquids or containers holding liquids and keep it dry at all times.

- Keep the device safely away from strong magnetic items, which may affect the use of the product.

- Do not place the device and its other components near fire or heat sources, nor leave it direct-ly exposed to the sun.

- Do not insert items into any openings of the device.

- Always turn off the power of any related equipment before unplugging the device. Avoid suddenly cutting off the power supply to avoid short circuits. Always disconnect the device before thunderstorm comes. When disconnecting the device, always pull the USB connector and not the cord.

- Radio Frequency Interference: This product might emit radio waves that might interfere with the operation of nearby electronic equipment. If you are wearing a pacemaker or any other implantable medical device, consult your doctor or your medical device manufacturer before using the product. In order to minimize radio frequency interference, use only accessories approved by the original manufacturer. Do not use at the same location, or together with any other antenna or transmitter.

⚠ This device has been evaluated and proven to meet the general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

⚠ FCC STATEMENT:
Please take attention that changes or modification 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.

CAN ICES-3 (B)/NMB-3(B).

IC STATEMENT:
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioÒlec̄rique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAUTIONS

POWER SUPPLY
The power source should meet limited power source or PS2 requirements according to IEC 60950-1 or IEC 62368-1 standard. Refer to the device label for the standard power supply. Please make sure your power supply matches with your device. Use a power adapter provided by qualified manufacturers. It is recommended to provide an independent power adapter for each device as adapter overload may cause over-heating or a fire hazard.

BATTERY
CAUTION: Risk of explosion if the battery is replaced by an incorrect type.
Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types). Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.

Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas. Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas. Dispose of used batteries according to the instructions.

⚠ Violation of the below safety instructions or any other misconduct may cause serious bodily injury, death, or damage to the product, for which KAT VR will not be held responsible.

| Health Warnings

The following health warnings will be updated regularly to ensure accuracy and completeness:

- Before use, it is required to carefully read the product manual and follow all the given instructions. Incorrect set-up of the device may pose safety risks. Pregnant women or those with epilepsy, cardiopulmonary diseases, eye diseases, mental illnesses, anemia, and people undergoing postoperative recovery are strictly prohibited from using this device.

- Due to different personal health predispositions, and in order to avoid physical discomfort such as dazzling, dizziness or headache, we do not recommend prolonged use of the device. If you experience any discomfort, you should immediately stop using the device and avoid involvement into any physical activities that may pose safety hazards until the symptoms disappear completely. If the symptoms persist for a longer period of time, do not use the device until consulting a physician.

- Users with history of epilepsy or photosensitive epilepsy, are required to consult a physician before viewing VR content which may include flashing light sources and rapid image sequences.

- During the use of this device by a child, an adult guardian should always be present to ensure that they do not experience any of the above-mentioned discomforts. If it is your first time using this equipment, it is advised to begin with shorter periods of use and gradually increase the length of use over time.

- In case of fatigue, hangover, headache, earache, or when under the influence of alcohol or drugs, emotional distress or anxiety, it is strictly forbidden to use the device, or the condition could be aggravated.

- If you experience the following symptoms when using the device, stop doing it immediately:
  （a）Seizures, loss of consciousness；
  （b）Eye fatigue, eye muscle twitching, blurriness or other visual abnormalities；
  （c）Body balance or hand-eye coordination problems；
  （d）Lethargy, nausea, excessive sweating, or any symptoms indicating motion sickness.

- Symptoms caused by virtual reality may persist and become more apparent a few hours after use. For your personal safety, do not drive or operate machinery, engage in any other activities that are visually or physically demanding or require body balance and hand-eye coordination, until full recovery.

Product Introduction

Product Description

KAT Walk Coord 2 Description

KAT Walk Coord 2 is a 2nd-Generation Personal VR Treadmill – First VR-Gamer-Optimized device that unlocks ALL PHYSICAL ACTIONS IN ALL FREE LOCOMOTION GAMES across different platforms! Providing 360° of infinite and natural movement in VR from a single spot in your home, C2 enables intuitive Human-VR interactions.

Product Appearance

KAT Walk Coord 2	KAT Walk Coord 2 Plus	KAT Walk Coord 2 Plus Enhanced

KAT Walk Coord 2 Dedicated Shoes Introduction

KAT Dedicated Shoes

The KAT Walk Coord 2 dedicated shoes are special, friction-customizable footwear designed to be used with the KAT Walk Coord 2. Offering adjustability to personal preferences and walking habits of different users, when used in combination with the low-friction walking platform, the dedicated shoes ensure natural foot and leg movement, and provides a highly immersive VR Walking experience.

The dedicated shoes contain two layers of insoles, the upper layer is a sports functional insole, and the lower layer is a size-adjustable insole. We recommend that you fit your feet firmly within the shoes and tightly tie the shoelaces for the best experience. If you find the shoes are too tight, you can remove the size-adjusting insole of the lower layer.

⚠ In order to avoid injuries, always use the dedicated shoes and waist harness according to the instructions. Dedicated shoes are only suitable for use with KAT Walk Coord 2 and it it is strictly prohibited to use them in any other situation or for any other purpose. Do not use the dedicated shoes to walk around your apartment before or after your experience with the C2. Put them on only when getting onto the platform, and take them off immediately after you get off.

KAT Walk Coord 2 Foot Sensor Introduction

The KAT Walk Coord 2 Foot Sensors are mounted on the bottom of the dedicated shoes and serve the purpose of translating physical movement into VR to ensure a highly accurate simulation of walking in any directions.
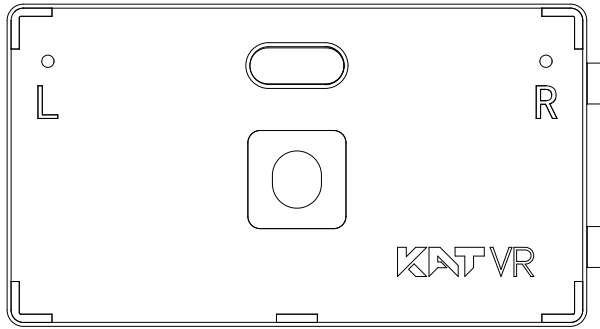
Foot Sensor	
Model	WK321
Input	5V ⎓ 500mA
Battery	3.7V Li-Ion Polymer 370mA

KAT Walk Coord 2 inner sensor Introduction

The KAT Walk Coord 2 Inner Sensor is mounted in the back-support plate to collect the body direction data and transfer it into the game. The sensor has a
direction calibration button for a quick and easy calibration whenever needed.

Inner Sensor	
Model	WK322
Input	5V ⎓ 500mA
Battery	3.7V Li-Ion Polymer 370mA

Indication signals of a successfully paired sensor:

1.R LED light indicates the right sensor, and the L LED light indicates the left sensor;

2.LED light status indicators (Note: Battery status will be only displayed after successful sensor pairing and connection);

3.Charging: Lights flickering on left and right sides.
   Charging State Detected: Continuous bright lights and immediately turn to blink at same frequency (with interval of 0.5s). ;

4.Normal operation：Normal, lit light；Low battery: Slow flashing light (3-sec. intervals);

5.Unpaired connection：Flashing light (1-sec intervals)；

6.Pairing：Quick flashing light (0.5-sec intervals)；

7.Sleeping mode / No power: No light.

Product Parameters

Suitable age	14-60 years
Suitable weight	Below 130kg (286 lbs.)
Supported height	1.55m-2.00m / 5‾1À- 6‾7À
Recommended height	1.60m-1.95m / 5‾3À- 6‾5À
Product weight	Coord 2 54kg	Coord 2 Plus 58kg	Coord 2 Plus Enhanced 54kg
Base height	230mm / 9À
Squat width	0.48m/ 1‾7À
Product size	1.250×1.250×1.585m (49.2Àx 49.2Àx 62À)
Base diameter	940mm (37À)
Footprint	1.2㎡ (12.91 Square Feet)
Charging time	About 1 hour
Battery life	7hrs
Voltage	110~240V
Operating temperature	0℃～40 æ
Working humidity	20%Rh«85%Rh
Working altitude	<2000m

Product Installation

ℹ Incorrect installation of the KAT Walk Coord 2 may lead to safety hazards and result in serious bodily injury or death. Before proceeding with the installation, read carefully the following instructions:

Precautions

Tools preparation

● Before unpacking, prepare your own scissors. Avoid wearing slippers, high heels or other shoes unsuitable for physical work.

● Please, keep in mind that the gross weight of the device may exceed 68 kg. Ensure sufficient help of others to avoid injuries during transportation.

Finding a suitable place

● Place the device in a reasonable distance from your PC to ensure that the USB cable can reach it.

● It is not advised to place the device on smooth surfaces that are easily scratched by metal, e.g wooden or tiled floor.

● Place KAT Walk Coord 2 on a carpet or take other measures to protect the floor.

● Ensure there is no furniture or other household items that can be easily knocked within the device vicinity.

⚠ Wear protective gloves throughout the entire procedure (Free pair included in the tool-box). Installation steps that only apply to the KAT Walk Coord 2+ (premium version) are marked with a separate notice and do not need to be completed by the owners of the KAT Walk Coord 2 (non-premium version).

Unpacking method

ℹ All screws must be tightened very firmly, especially in the marked crucial steps. Failure to do so may result in potential safety hazards or affect the experience.

01
Rods
Stabilizing feet box
Base plate
Sitting module
Waist harness
Toolbox
Sensor box
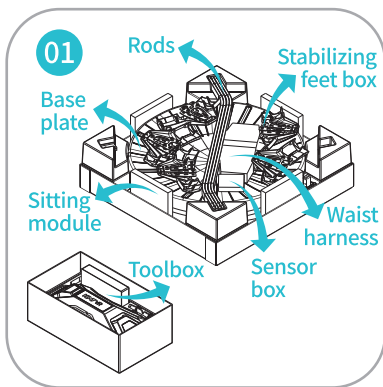
Unpack retrieve components
Take out all boxes and parts.
Find gloves in the tool box and wear throughout the entire procedure.
Refer to the packing list for details.

02
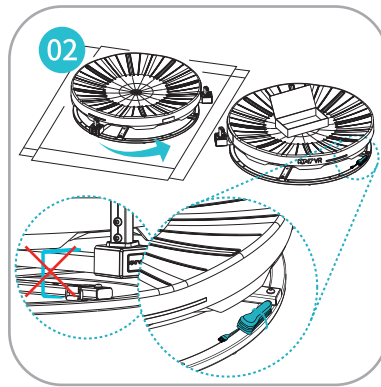
Connecting the Base
Cut the corners of the carton and fold them flat as shown.
Take out all support feet and sitting module.
Grab and Lift one side of the base (37kg) and rotate it out from the package.
Cut the cable tie (not beam tie) then plug the power adapter into the socket.
Open the toolbox and place it on the base for easy access.

03
INNER SENSOR
Sensor Charging Cord
USB Date Cable
Power Cord
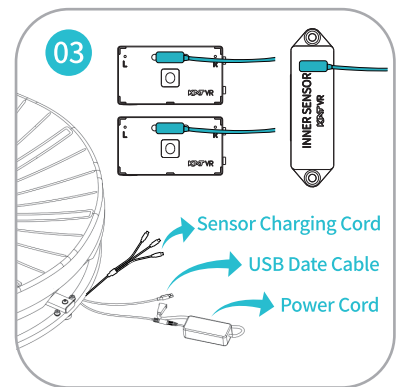
Charging Sensors
Find sensors in the sensor box.
Charge the sensors for at 15 min to prepare for paring.
Take out the data cable and connect it to the PC USB port.
* Charging Light Status:
  Shoe Sensor - Flashing;
  Inner Sensor - Breathing.

04
Connecting
INNER SENSOR
C 2 ●[connected]
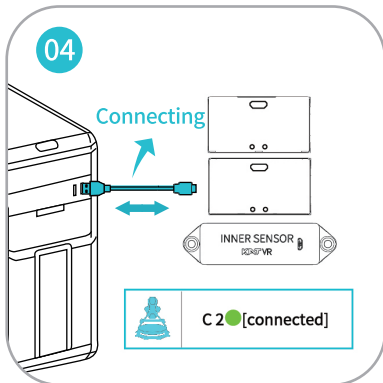
Software Setup
Download and install KAT Gateway
 (www.kat-vr.com/pages/support).
Find the connecting cable from the toolbox.
Pair the sensors following software prompts and update to the latest firmware version.
ℹ Check the Gateway to ensure the sensors are detected properly as shown.

05
INNER SENSOR
Front
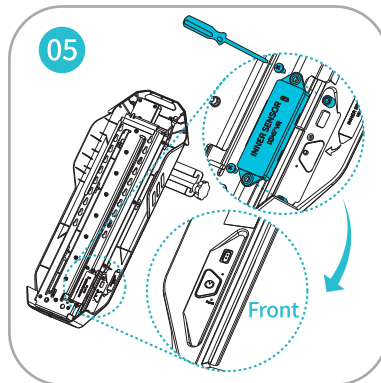
Mounting the Inner Sensor
Don't begin this step until you have completed the sensor pairing.
Find the screwdriver and the 2 S short screws.
Mount the inner sensor on the back support plate with the sensor data port upward.

06
Step 1
Step 2
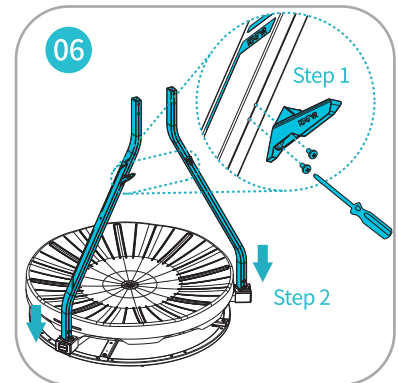
Inserting Support Rods
Find the screwdriver and the S short screws.
Find the support rods and storage hooks.
Mount the hooks on the back of rods with 4 screws. Logo sides faces outward, hooks face backward.
Insert the support rods into the rod openings on the base.

07

Insetring Support Rods
Find the M short screws and gaskets.
lift the rod up slightly and aligh the hole to insert 8 screws with gaskets.
Temporarily, do not tighten.

08
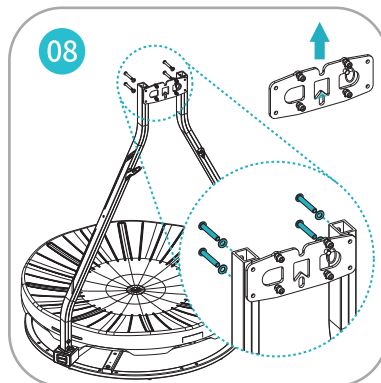
⚠ Inserting Connection Plate
Align the connection plate with the mounting holes on the support rod.
Connecting plate: arrow up, safety pin out.
Find the L screws and gaskets, push them through the holes on rod and the plate.
Use the S wrench to secure the nut，and the L screws to tighten all screws well to avoid safety hazards.

09
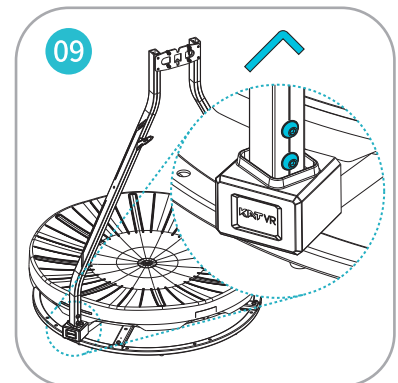
⚠ Tighten Support Rods
Use the S hex wrench to tighten the 8 M short screws at the end of the support rod.
Note：Tighten all screws well to avoid safety hazards and abnormal noises.

10
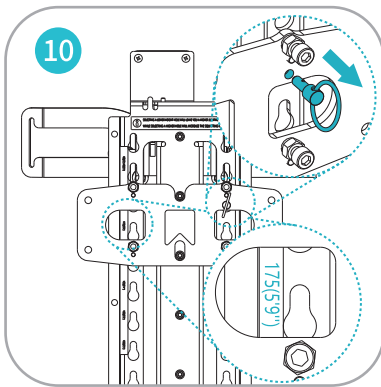
Identify the Height Scale

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.

11
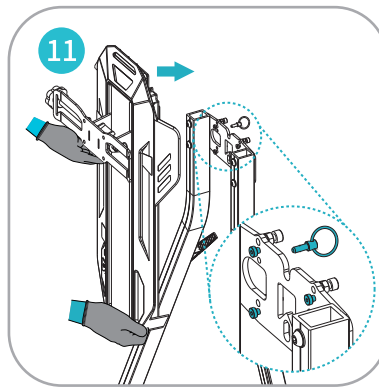
Installing Back Support

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.

12
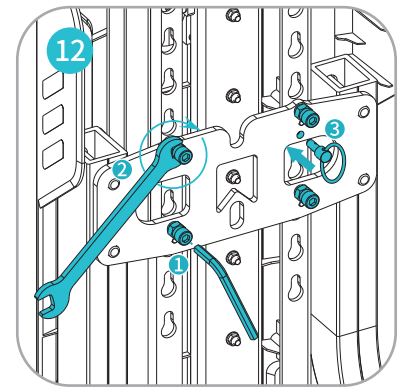
⚠ Check and Tighten

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.

13
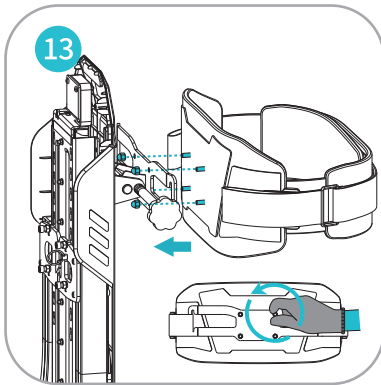
Installing the Waist Harness

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.

14
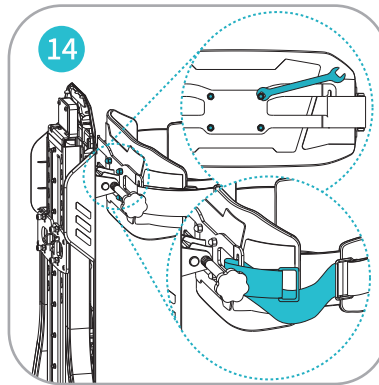
Installingthe Waist Harness

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.

15
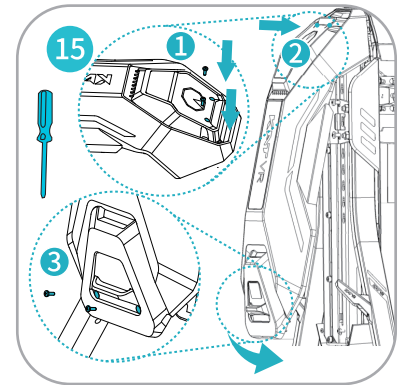
Mounting the Back shells

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.
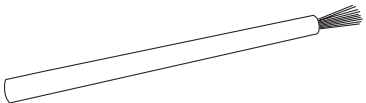
16

Nameplate
Wheel
Sticker
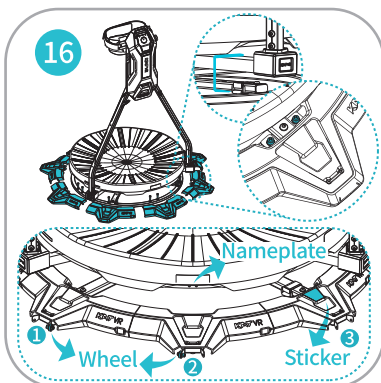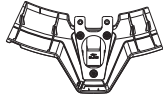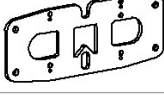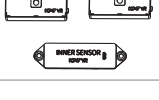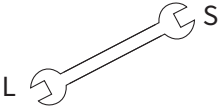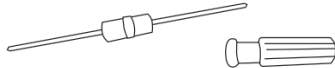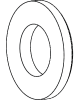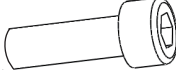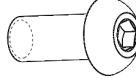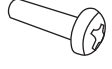
⚠ Installing Support Feet

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.

Packing List

Before assembly, check carefully whether the quantity and type of tools and accessories is consistent with the below list. If anything is missing, contact our customer service at service@kat-vr.com before you proceed.

No.		Component Name & Picture	Quantity
1	**Main Structure**	Base	1
2		Stabilizing Feet	6
3		Stabilizing Feet With Left Wheel	1
4		Stabilizing Feet With Right Wheel	1
5		Back Support Rod	1
6		Back Support Plate	1
7		Back Support Shell	1
8		Connecting Plate	1
9		Waist Harness	1
10		Storage Hook	2
11		Dedicated Shoes	1
12		Set of Sensors	1
13	**Tools**	S Wrench（5mm）	1
14		L Wrench（6mm）	1

No.		Component Name & Picture	Quantity
15		10-13mm Open-End Wrench	1
16		Two Ends Screwdriver	1
17		General Gaskets(M8)	37
18		Screws : M Long Screws(M8 x 35)	17
19		Screws : M Short Screws(M8 x 20)	9
20	Accessories	Screws : S Long Screws(M4 x 16)	5
21		Screws : S Short Screws(M4 x 8)	7
22		Screws : L Screws(M8 x 50)	5
23		0.5m Micro USB Wire	1
24		Pair of Gloves	1
25	Gift Set	Cable Management Kit	1
26		Sensor Cleaning Brush	1

Installation of the HMD wire pulley (Giveaway) :
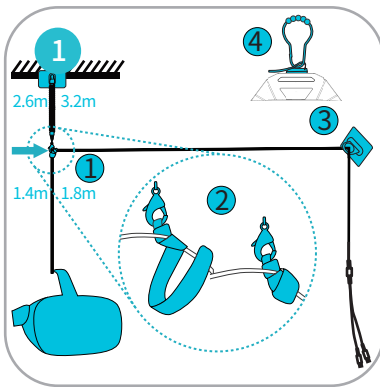
Wired HMD Cable Management

- 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 ofthe upper shell.
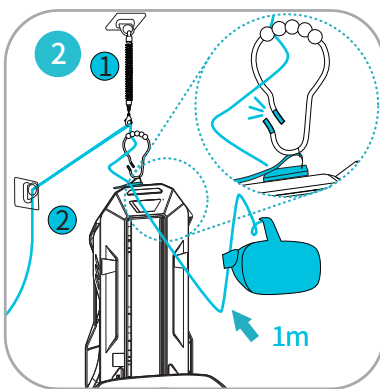
Pull up the Cable

- 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 manage ment clip, and insert the cable.
- Leave 1 m of cable for crouching.

Software Set-Up

KAT Gateway Software Introduction

KAT Gateway is the dedicated software for running KAT VR devices. It is currently available in PC and VR-Integrated version. In near future it will be available on the KAT Nexus as well for stand-alone VR experience.

Gateway for PC operates in the Windows OS environment, allowing the user to set up and manage the device before getting onto it.

The VR-integrated version is a plug-in that allows you to access all the settings and other features directly from your VR headset and without getting back to the PC.

KAT Gateway download

Visit the official website: https://www.kat-vr.com/，and click "Support" to proceed to the product list.
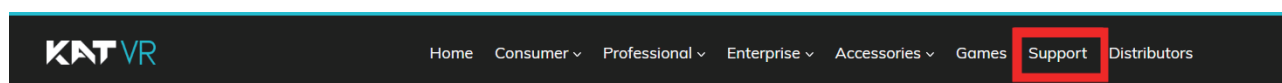
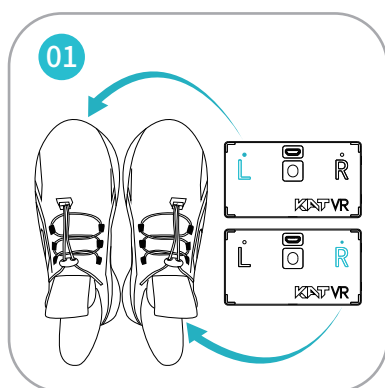Click on the software directory and download the KAT Gateway and KAT Gateway manual.
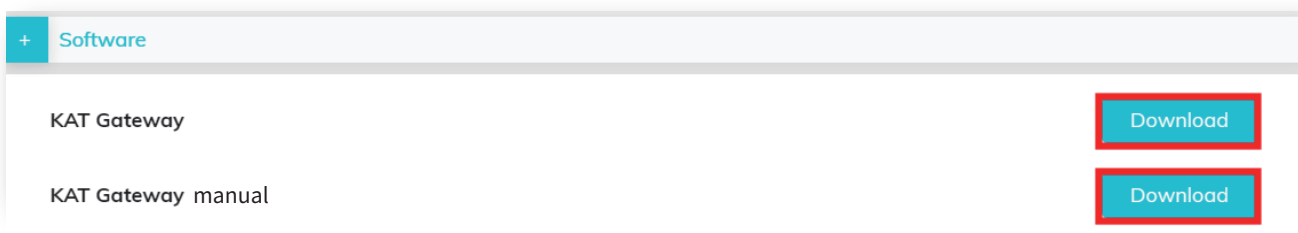
Download KAT Gateway and install it on your PC

First Use of KAT Walk Coord 2

Sensor Installation

The sensors should be mounted on top of the dedicated shoes.

Identify the Sensors
- ldentifythe paired L sensor (L light on) , and find the L Shoe. Vice versa.
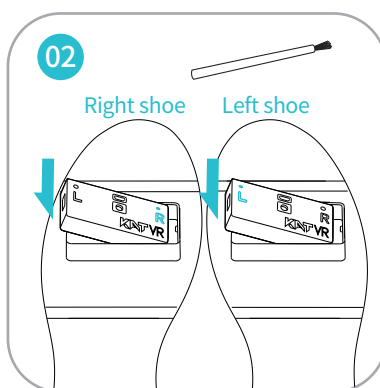- * Light Status:
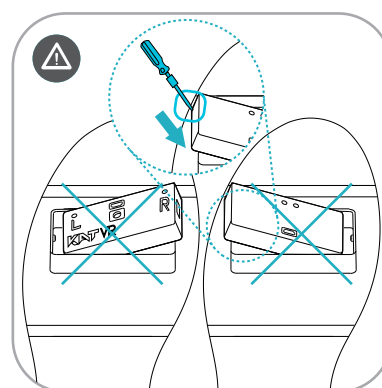 Off: Sleep/Unpaired/Low Battery
  Flashing: Disconnected
  Constant: Connected
 Flashing: Charging

Mountingthe 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.

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

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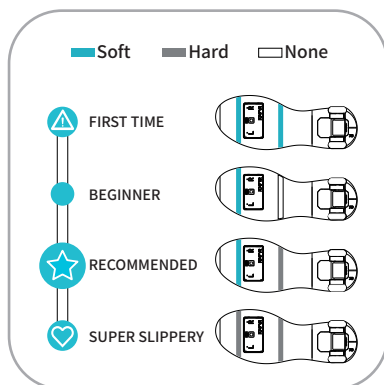
- Refer to left picture, add or remove stripes to adjust the shoe friction for your preferred walking experience.
- Soft Stripes: Higher friction for safer walking experience.
- Hard Stripes: Lower friction for easier movement.

Anti-Slip Lock Introduction:

The anti-slip lock is located at the back side of the shoe. When pulled onto the shoe hill, it increases your stability and ensures you can get on and off the platform safely.
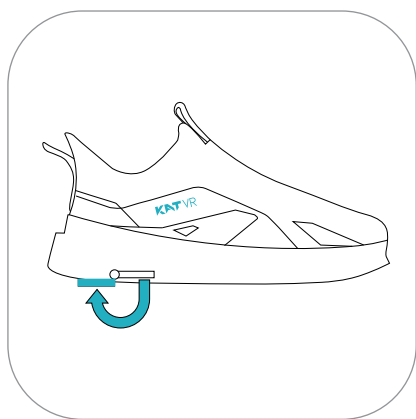
Before getting on and off the platform, make sure the anti-slip lock on the shoe sole is enabled.

Once you're on the platform with the waist harness securely fastened, you can unlock the anti-slip as shown in the picture below. You can now walk on the platform!

Note 1: The dedicated shoes must not be used on any other surface than on the C2 platform for any other purpose.

Note 2: It is expected that due to the friction force, walking and running may cause scratches on the platform surface. It will not influence the normal operation and performance of the device.

Note 3: Before entering the platform，please start SteamVR and select the mode in KAT Gateway.

Entering the Platform:
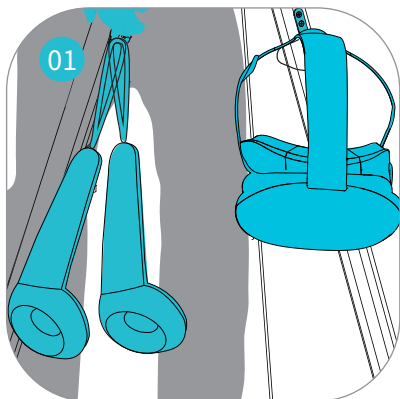
Pick the headset and controllers from the storage hooks at the back of the device.


C 2 ● [connected]
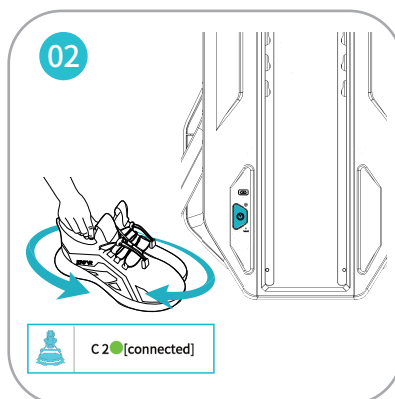
Wake up the device everytime before getting on if it entered sleep mode (No movement for more than 30 min, lights off)
Click the main button and shake the shoes to wake up.
Check the connection status on Gateway.
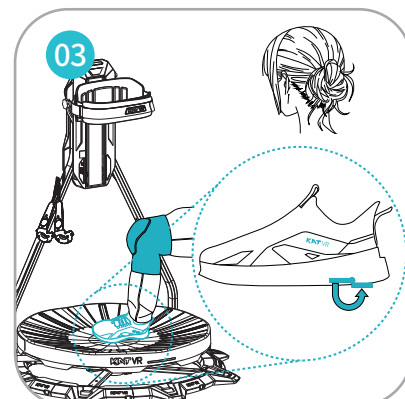
⚠ Hang the HMD on the hook and controllers on the knob.
Ensure the anti-slip protection lock is enabled and the base surface is clean.
Tear open all the Harness straps.
Equip kneepads and step onto the middle of the platform.
If you have long hair, please tie them up.

Strapping in：
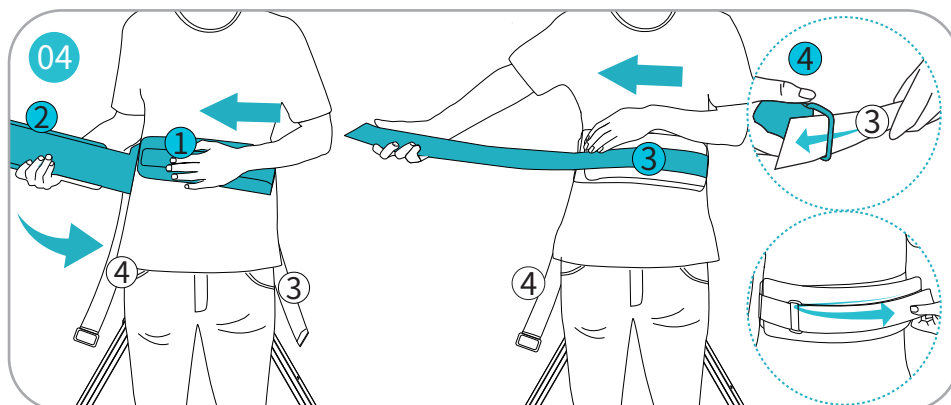
Adjust the waist harness vertically near the thinnest part of your waist. Begin with the left inner belt, extend strongly and stick the Velcro, making the belts closely fit your waist. Repeat for other 2 belts (Sequence as shown)to tighten the harness until it feels in synergy with your body. Check the Velcro alignment and ensure fasten the buckle to avoid safety hazards. Adjust the belt length if needed.
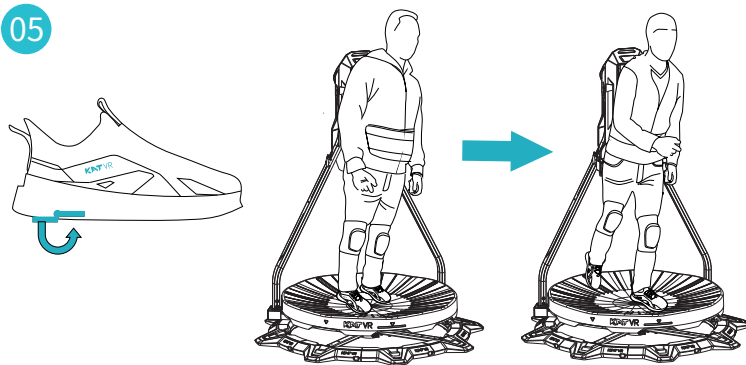
05 Stand straight with feet at the back as shown. Lean forward a little bit till you start to feel the shoe wheels started rolling, then take the first step and slowly continue for practice. Practice walking for a few minutes until you get used to the simulated gait.
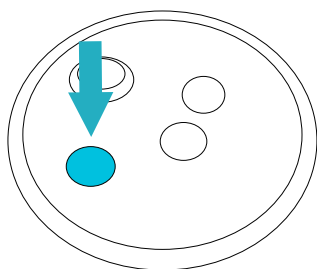
Direction calibration:

If you experience problems with the walking direction, check if the waist harness is fastened correctly and carry out the direction calibration.
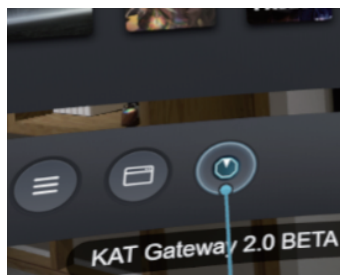
Before calibration, ensure that the room settings of your headset have been successfully set and the sensor initial pairing has been completed.

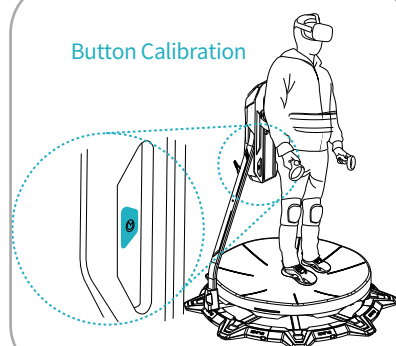
06 Quick Calibration | Calibration in VR | Button Calibration

Put on the HMD, look forward and calibrate the direction.

(Repeat each time you entering a new game, or any time if the walking direction is incorrect)
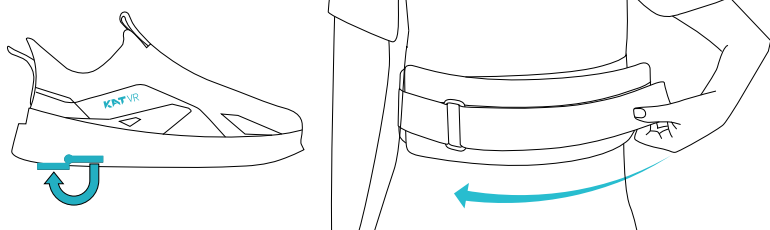
*Quick Calibration: Long press the menu button on the hand controller.

Calibration in VR: Press the system button on the controller, open the Gateway via KAT icon in platform dashboard.

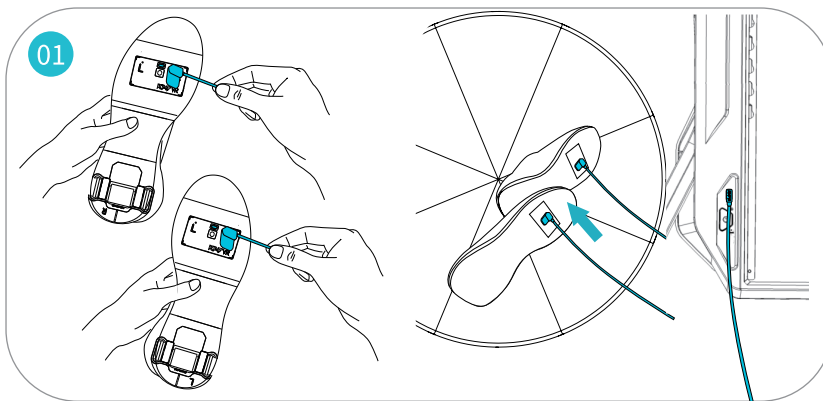Button Calibration: Reach back to click the button.

Getting off:

07

⚠ Before getting off, enable the anti-slip lock. Press the silver buttons on side of the buckle to open it. Tear open all the Harness strapes and get off carefully.
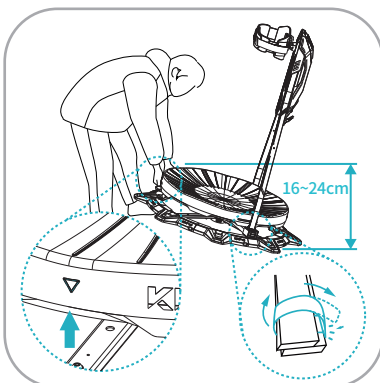
Charging：

Charge the shoes sensors as shown in the figure, double flashing means charging.
* Flashing Shoe Sensor Light/ Dimming Inner Sensor Light indicates charging.

When the charging cable is not in use, roll it up and place it in a safe location to avoid stepping on it.

How To Move：

16~24cm

Unplug all wires before moving.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.

It may occur that the rotational structure gets continuously pulled towards a certain side of the platform due to uneven ground or other reasons. If that happens, please follow the steps below to adjust the device:
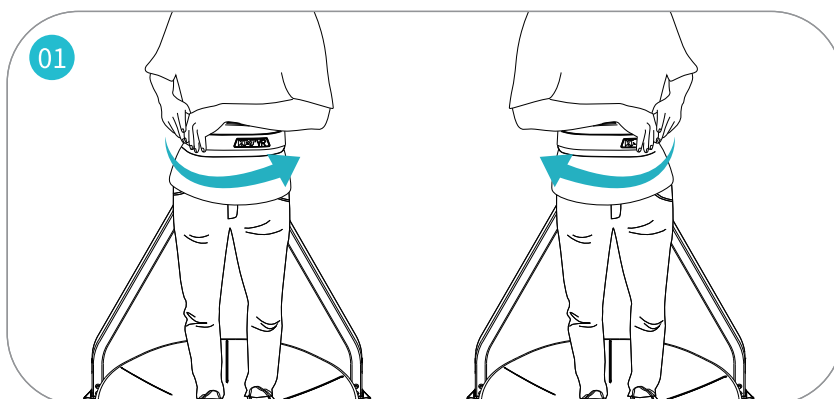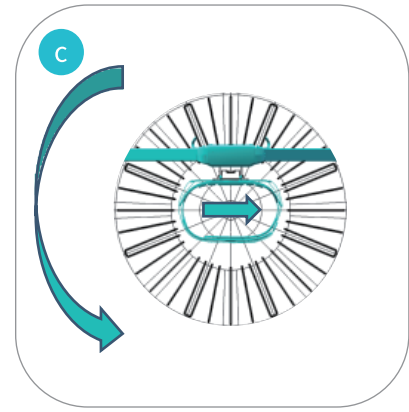

Adjust the waist ring according to the direction of the unintended rotation.
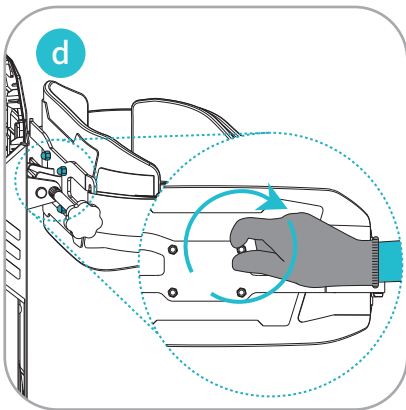
a
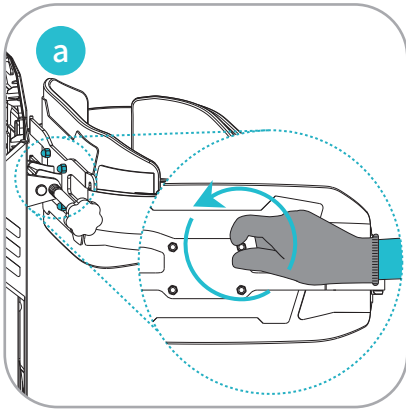
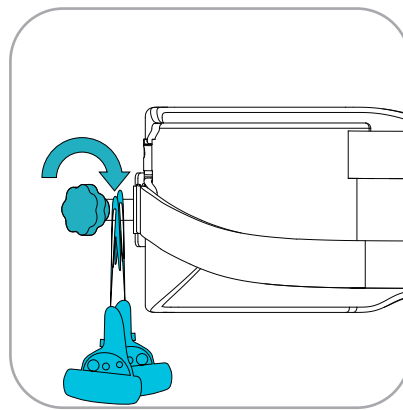Loosen the nuts holding the waist harness.

b
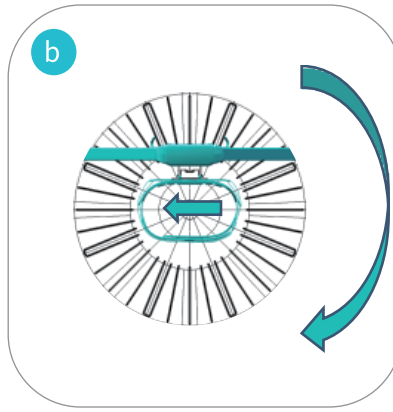
If the beam tends to continuously turn clockwise, please move the waist harness slightly to the left.

c

If the beam tends to continuously turn counterclockwise, please move the waist harness slightly to the right.
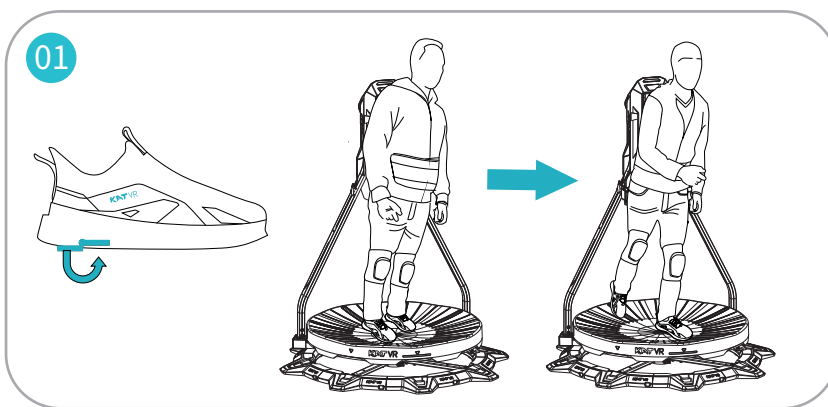

d

Tighten the nuts holding the waist harness.

When walking, it may occur that the rotational structure tends to turn towards a certain side continuously dueto uneven ground or other reasons.
lf it tends to turn clockwise, please stand straight and turn the knob clockwise to adjust untill the ratation works properly.Vice versa.

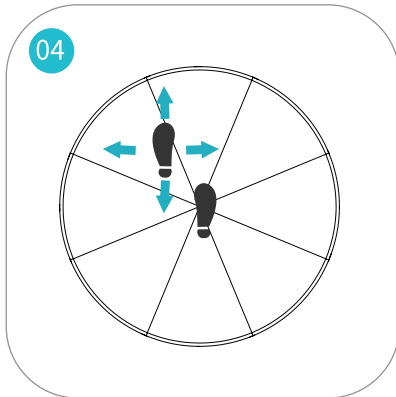## First Steps – How to walk?

01

Stand straight with feet at the back as shown. Lean forward a little bit till you start to feel the shoe wheels started rolling, then take the first step and slowly practice walking for a few minutes until you get used to the simulated gait.
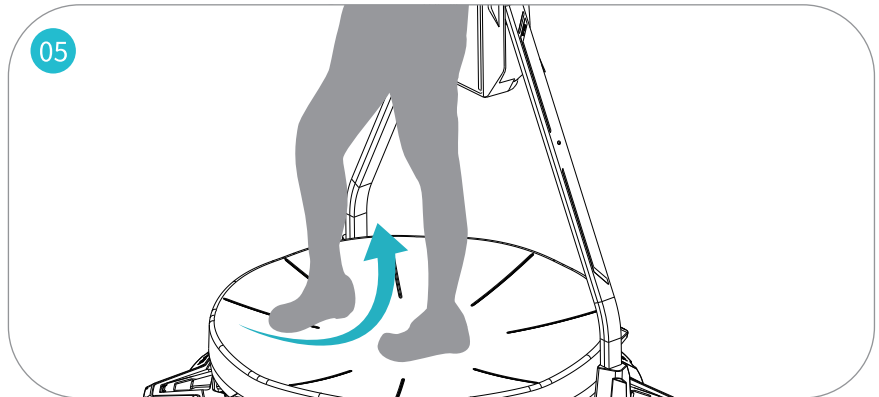

02

Try to squat.

How to do the "micro-operation"?

Single-foot micro-operation can achieve subtle movement in the corresponding direction.

To trigger continuous movement in all directions other than forward, stand still with one foot in the middle of the platform, slide the other foot from the outside of the platform into its middle (starting from direction you wish to move at), and raise it up above the platform. Movement will continue till the moment you step on the platform.

How to trigger the cruise mode?

You may turn on or off the cruise mode which allows you to move continuously without walking. When 'on', you can trigger strafing by putting your foot on the platform, sliding it forward or backward and keeping in a stable position. continuous strafing to the sides can be triggered in a similar way.

MOVING BACKWARD

MOVING BACKWARD

MOVING TO THE OTHER SIDE

MOVING TO THE OTHER SIDE
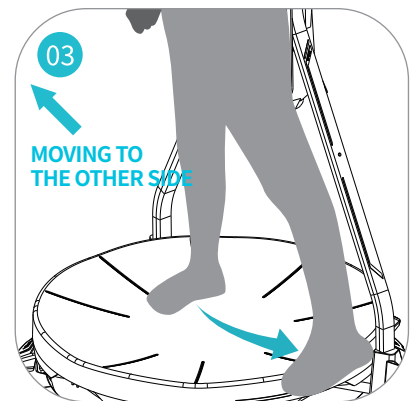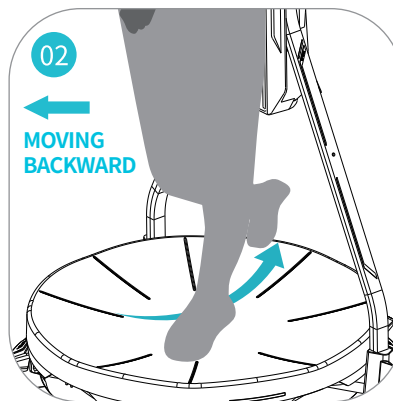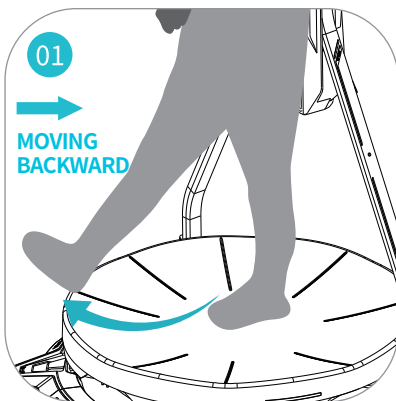
The device can only be used for personal VR entertainment, and must not be applied for any other purposes.
Avoid excessive use. The device has been strictly tested to ensure full safety and protection from flipping under normal conditions of use. However, if any sudden, large movement caused a large tilt of the device, immediately stop use to avoid safety hazards.

Product use prohibition

Avoid excessive use. The device has been strictly tested to ensure full safety and protected from flipping 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. FAILURE TO FOLLOW INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH.
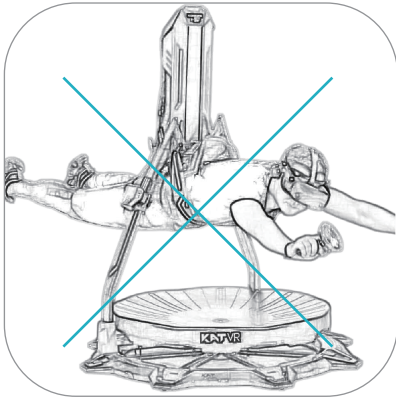
Hanging or swimming on the product is prohibited.

Walking outside of the product with dedicated shoes is prohibited.
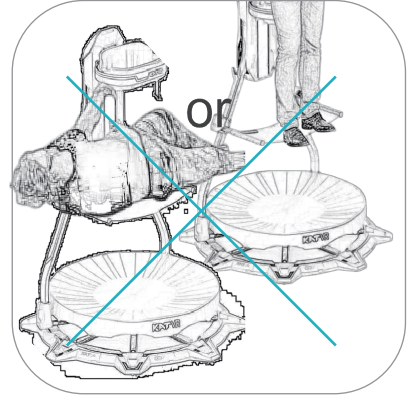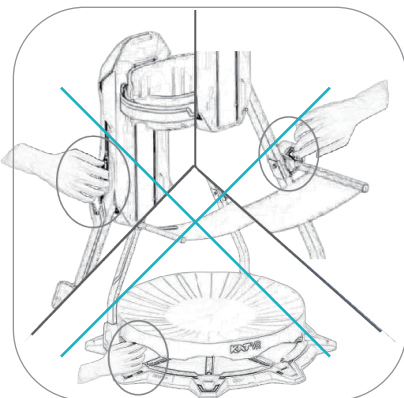

Standing or lying on the Vehicle hub is prohibited.

Bringing sensors near 60°C or higher heat sources, water, or strong magnets is prohibited.

Placing hands near the moving parts or gaps of the product is prohibited.

Standing on the product without fastening the waist belt is prohibited.

Having more than one person standing on the product is prohibited.

Disassembly procedure:

If you need to move your KAT Walk Coord 2 to another location, you should carry out the device disassembly in the reverse order to the device installation procedure. That is, pull out the USB cable from your PC, remove the waist harness and back support plate, and take out the support rods in order to ensure that the structure and components are not damaged during transportation.

After the disassembly, place the components into the original package and use the original materials to secure it for safe transportation. Ensure sufficient labor help to avoid injuries when moving the box and select a reliable logistics company to transport the device.

Component Maintenance:

1. Before use, always ensure that the platform is wiped clean and free of any objects, substanc-es or dust. Scratches on the platform surface are a natural result of wear and tear and will not influence the operation of the device.

2. Before use, always ensure that the soles of the dedicated shoes are clean and free of any substances or dust.

3. Before use, please check whether the surface of the laser head of the foot sensor is smooth and clean. If there is any foreign matter, please clean it, otherwise it will affect the use effect of the sensor.

4. Due to the ergonomic design of the device, the structure may generate sounds when the upper part is strongly pushed back or pulled forward - it is normal and to be expected.

5. Use of the product may generate a little bit of static electricity. You can eliminate it by touch-ing the main components with the static eliminator.

6. Before use, always check the state of the device. Ensure there are no loose elements and all the screws are tightened. Conduct weekly checks of components which are prone to wear and tear over long periods of use, such as the waist harness. If any component needs replacement, contact us at service@katvr.com.

⚡ Do not use strong cleaners or abrasives to avoid unnecessary wear and tear or even damage to the product. Before use, make sure that the equipment is completely dry.

⚡ In order to avoid damage to the surface or hidden safety hazards, it is strictly forbidden to apply any chemical agents or other liquids with the exception of the maintenance oil that comes with the device.

Contact Information

- Company:Hangzhou Virtual and Reality Technology Co., Ltd

- Add: 9th floor - Building 6, No.1818-2, West Wenyi Road - Yuhang Street, Yuhang District, Hangzhou City, Zhejiang Province, China

- Postal code：311100

- Email: service@katvr.com

- Web: www.kat-vr.com/

KAT VR
www.kat-vr.com