

KATVR C 2 Core

KATVR KAT Walk C2 Core VR Treadmill User Manual

Model: C 2 Core

1. INTRODUCTION

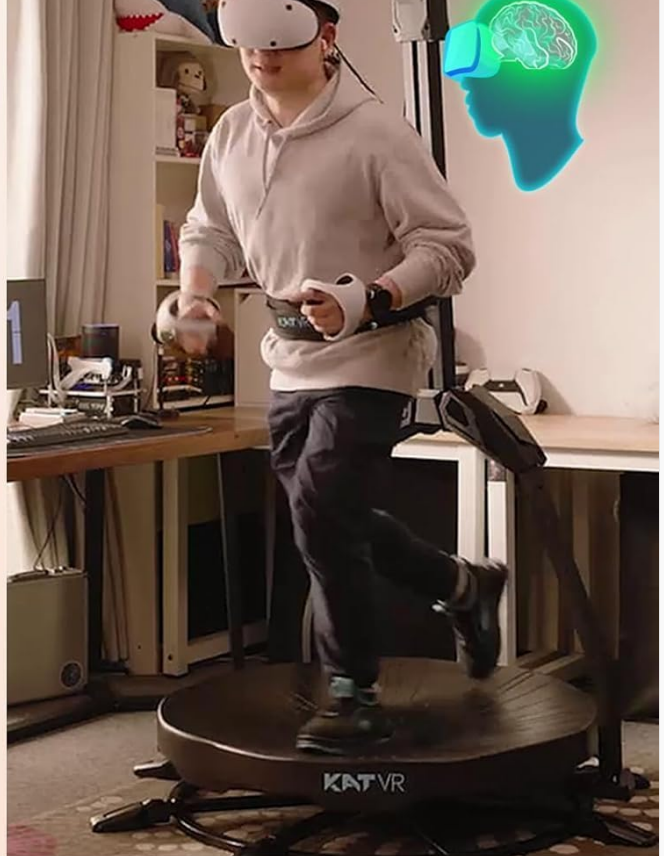
The KAT Walk C2 Core is an omnidirectional virtual reality treadmill designed to provide an immersive and natural locomotion experience in VR environments. This device allows users to walk, run, and move freely within virtual worlds while remaining in a fixed physical space, enhancing realism and reducing motion sickness.

Say Goodbye to VR Dizziness

Motion Sickness



Natural Locomotion



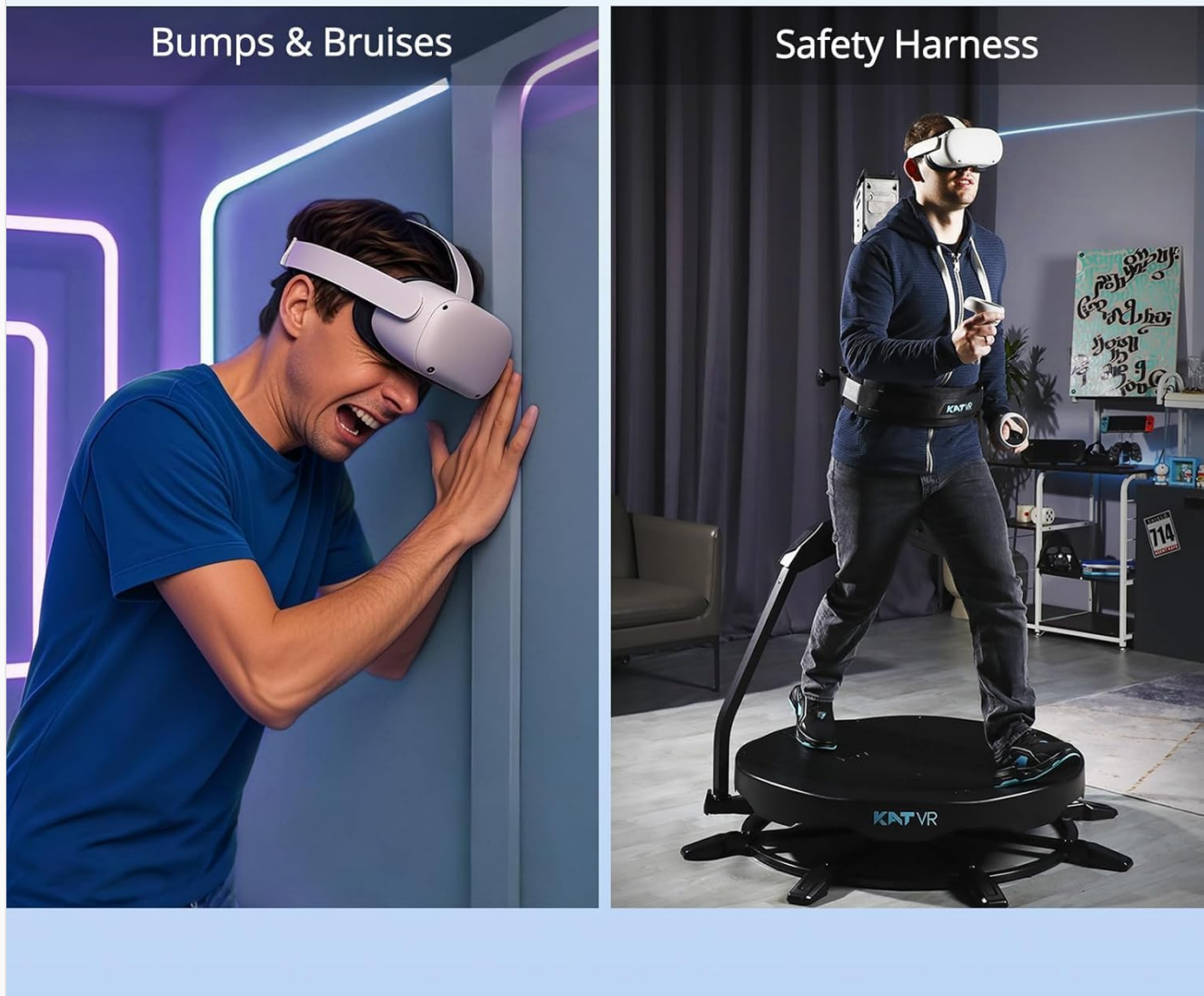
This image illustrates the difference between experiencing motion sickness in VR while seated and the natural locomotion provided by the KAT Walk C2 Core, which helps alleviate such discomfort.

2. SAFETY INFORMATION

Before operating the KAT Walk C2 Core, please read and understand all safety warnings and instructions. Failure to follow these instructions may result in injury or damage to the device.

- Ensure the device is placed on a stable, level surface.
- Always wear the provided safety harness and ensure it is properly secured before use.
- Use only the designated KAT VR Shoes with the treadmill.
- Maintain a clear area around the treadmill to prevent collisions.
- Consult a physician before use if you have any pre-existing medical conditions, especially those affecting balance, heart, or joints.
- Take breaks regularly to prevent fatigue and disorientation.
- Keep children and pets away from the device during operation.

Play VR Without Fear



This image highlights the safety aspect of the KAT Walk C2 Core, showing how the safety harness prevents users from bumping into real-world objects during VR gameplay.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- KAT Walk C2 Core Main Unit (Platform, Support Frame, Harness)
- KAT VR Shoes (Size specific)
- KAT Nexus Adapter
- AC Adapter and Power Cable
- USB Connection Cable
- Assembly Tools (if required)
- User Manual (this document)

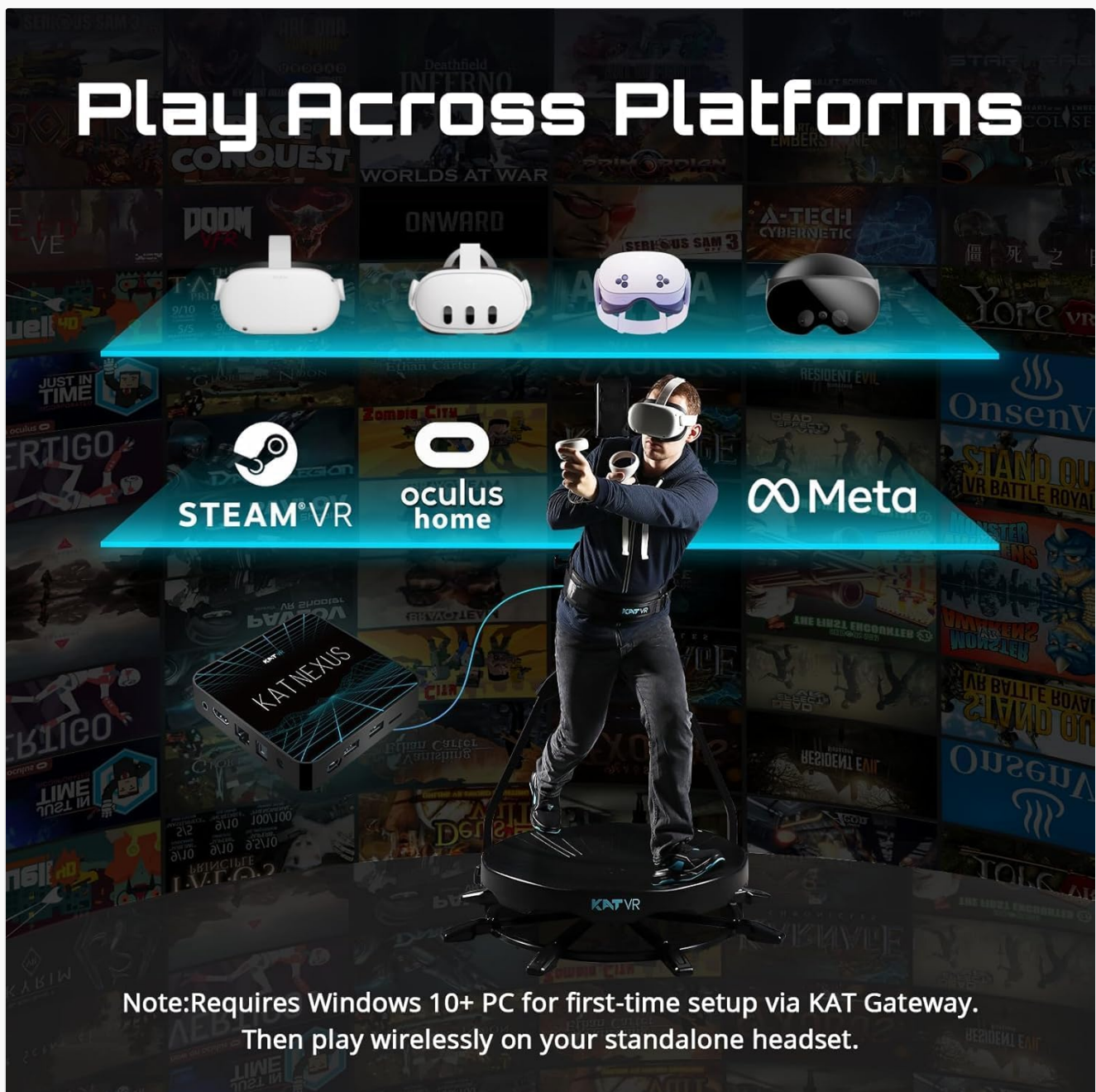
4. SETUP GUIDE

4.1 Assembly

Follow the detailed assembly instructions provided in the separate assembly guide or video. Ensure all bolts and connections are secure before proceeding.

4.2 Software Installation and Connection

1. Connect the KAT Walk C2 Core to a Windows 10+ PC using the provided USB cable.
2. Download and install the KAT Gateway software from the official KATVR website.
3. Follow the on-screen instructions within KAT Gateway to install necessary drivers and perform initial device recognition.
4. For standalone VR headsets (e.g., Meta Quest, Oculus), connect the KAT Nexus Adapter to your headset. The KAT Nexus enables wireless play after the initial PC setup.



This image illustrates the cross-platform compatibility of the KAT Walk C2 Core, showing its connection to SteamVR, Oculus Home, and Meta platforms. Note that a Windows 10+ PC is required for initial setup via KAT Gateway, after which wireless play on standalone headsets is possible.

4.3 Calibration

Perform the calibration steps as guided by the KAT Gateway software. This typically involves standing centrally on the platform and confirming your height and orientation. Ensure your KAT VR Shoes are worn during calibration.

Find Your Perfect Fit				
Brand Size	US Men	US Women	EU	UK
3	3	4.5	35.5	2
4	4	5.5	36	3
5	5	6.5	37	4
6	6	7.5	38	5
6.5	6.5	8	39	5.5
7	7	8.5	40	6
8	8	9.5	41	7
8.5	8.5	10	42	7.5
9	9	10.5	42.5	8
9.5	9.5	11	43	8.5
10	10	11.5	44	9
11	11	12.5	45	10
12	12	13.5	46	11
13	13	14.5	47/48	12
14	14	15.5	49/50	13
Note: You may receive shoes labeled 1–2 sizes larger due to dual batches, but the actual fit is the same				

This chart provides a guide for selecting the correct KAT VR Shoe size based on US Men's, US Women's, EU, and UK sizing standards.

5. OPERATING INSTRUCTIONS

5.1 Wearing the Equipment

1. Put on the KAT VR Shoes.
2. Step onto the KAT Walk C2 Core platform.
3. Securely fasten the safety harness around your waist, ensuring it is snug but comfortable. Attach the harness to the support frame.

5.2 Starting a VR Experience

1. Launch your desired VR game or application.
2. Ensure the KAT Walk C2 Core is recognized by the VR software (via KAT Gateway or KAT Nexus).
3. Begin moving naturally on the platform. The omnidirectional surface and low-friction shoes will translate your physical movements into virtual locomotion.



This image depicts a user actively engaging with the KAT Walk C2 Core, demonstrating how physical movement on the treadmill translates into in-game character movement, enhancing immersion.

5.3 Movement Techniques

- **Walking/Running:** Perform natural walking or running motions. The low-friction surface allows for continuous movement.
- **Turning:** Rotate your body naturally to change direction in the virtual environment.
- **Crouching/Jumping:** These actions are typically mapped to physical movements or controller inputs within the VR application.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your KAT Walk C2 Core.

- **Cleaning:** Wipe down the platform and harness with a damp cloth. Avoid harsh chemicals. Ensure the platform surface remains clean and free of debris to maintain low friction.
- **Storage:** Store the device in a dry, cool place away from direct sunlight.
- **Component Check:** Periodically inspect the harness, cables, and structural components for any signs of wear or damage. Replace worn parts immediately.

7. TROUBLESHOOTING

If you encounter issues with your KAT Walk C2 Core, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not recognized by PC/VR.	Loose cable connection, software not installed, drivers missing.	Check all cable connections. Ensure KAT Gateway software and drivers are correctly installed. Restart PC and device.
Movement not tracking correctly in VR.	Improper calibration, incorrect shoe usage, software glitch.	Recalibrate the device through KAT Gateway. Ensure you are wearing the correct KAT VR Shoes. Restart the VR application.
Motion sickness experienced.	Initial adjustment period, sensitivity to VR.	Take frequent breaks. Start with shorter play sessions. Ensure proper ventilation.
Harness feels uncomfortable.	Incorrect adjustment.	Adjust the harness straps for a snug but comfortable fit. Ensure it is not too tight or too loose.

8. SPECIFICATIONS

- **Brand:** KATVR
- **Model Name:** KAT Walk C 2 Core
- **Model Number:** C 2 Core
- **Special Feature:** Rotatable Platform
- **Material:** Plastic, Rubber
- **Power Input:** AC Adapter
- **Footprint:** Approximately 1.2m (as indicated in product imagery)

8.1 Model Comparison (Core vs. Other Models)

Which KAT VR Suits You Best

	Core (Basic)	Plus (Most Popular)	Plus Enhance (Upgraded)
Function			
Sitting Support	✗	✓	✓
Haptic Feedback	✗	✓	✓
LED Lighting	✗	✓	✓
Noise Dampening	✗	✗	✓ (36% ↓)
Mobility Wheels	✗	✗	✓

- ✓ All models include KAT Shoes and Nexus Adapter
- ✓ Enjoy the same natural walking experience in every version-smooth, immersive, and motion-sickness-reducing.

This table compares the features of the KAT Walk C2 Core (Basic) with the Plus (Most Popular) and Plus Enhanced (Upgraded) models. The Core model does not include Sitting Support, Haptic Feedback, LED Lighting, Noise Dampening, or Mobility Wheels, which are present in other versions.

9. WARRANTY AND SUPPORT

The KAT Walk C2 Core comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. For warranty claims or technical support, please contact KATVR customer service through their official website or the retailer where the product was purchased.

For additional resources, FAQs, and software updates, visit the official KATVR support page www.katvr.com/support

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question