

KATVR CORE

KAT Walk C2 CORE VR Treadmill User Manual

Brand: KATVR | Model: CORE

1. INTRODUCTION

The KAT Walk C2 CORE VR Treadmill is an advanced omnidirectional walking platform designed to provide an immersive and natural locomotion experience in virtual reality. This device allows users to walk, run, and move freely in 360 degrees within VR environments, enhancing gameplay and offering a unique home fitness solution. It is engineered to reduce motion sickness often associated with VR and is compatible with a wide range of VR headsets.

2. WHAT'S IN THE BOX

Your KAT Walk C2 CORE package includes the following components:

- KAT Walk C2 CORE Omnidirectional Treadmill
- KAT VR Shoes (specific size based on order)
- KAT Nexus Adapter
- Cable
- Controller

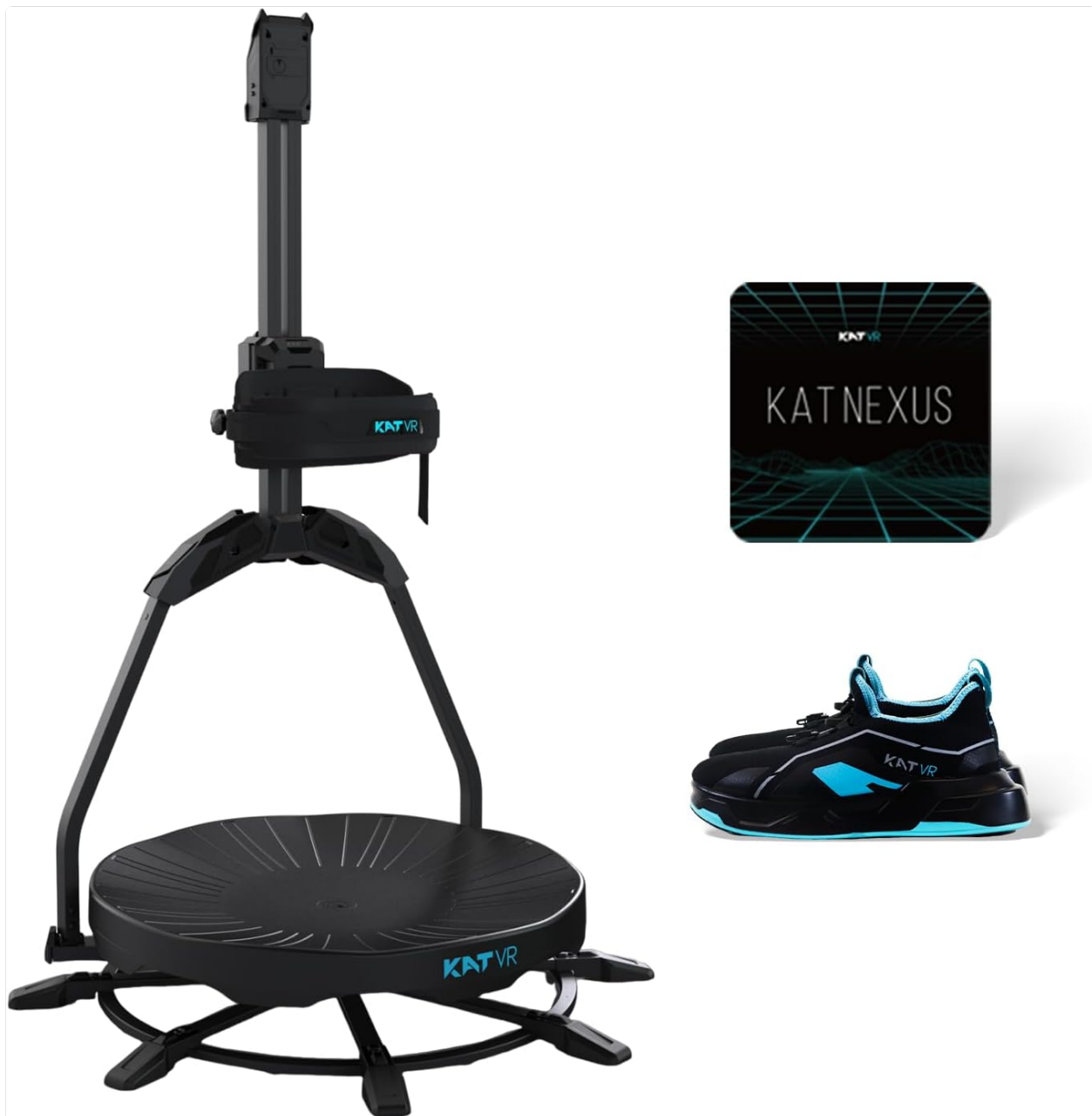


Figure 2.1: Main components of the KAT Walk C2 CORE package.

3. SETUP GUIDE

Follow these steps to set up your KAT Walk C2 CORE VR Treadmill:

3.1. Assembly

Refer to the detailed assembly instructions provided in the separate assembly manual for your KAT Walk C2 CORE. Ensure all parts are securely fastened before proceeding.

3.2. Wearing the Equipment

1. **Wear KAT VR Shoes:** Put on the specialized KAT VR shoes. These shoes are designed to work with the treadmill's low-friction surface.

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

Figure 3.1: Shoe size chart for selecting the correct KAT VR shoes.

2. **Secure the Harness:** Step onto the treadmill platform. Carefully put on the safety harness and adjust it to fit snugly around your waist. Ensure it is securely buckled. This harness provides stability and prevents accidental falls.

Play VR Without Fear

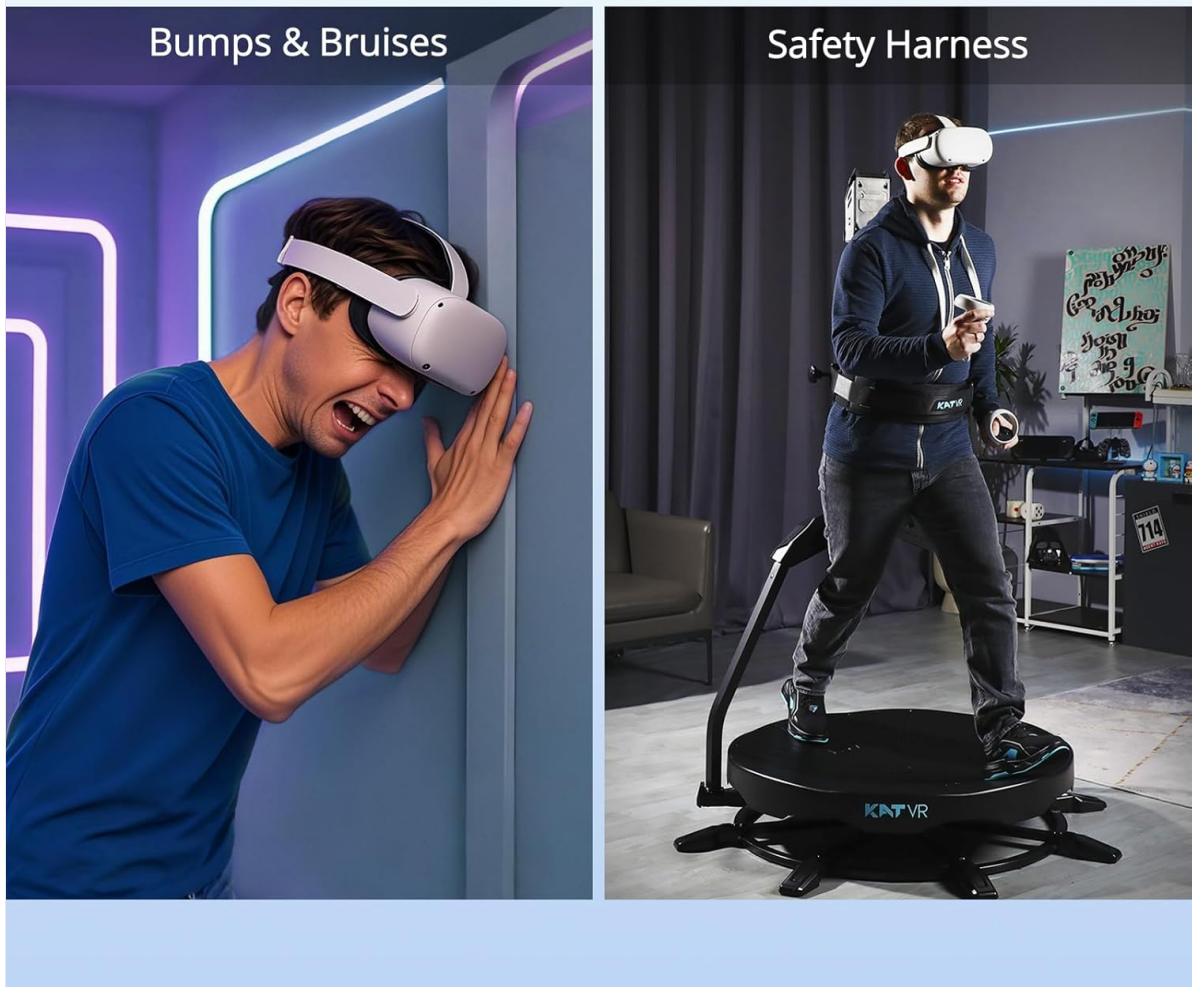


Figure 3.2: User wearing the safety harness on the KAT Walk C2 CORE.

3. **Connect VR Headset:** Connect your VR headset to your PC or standalone device. The KAT Nexus adapter facilitates wireless gameplay for standalone devices like Meta Quest 2, 3, and Pro. For SteamVR headsets, direct connection to a PC is typically used.

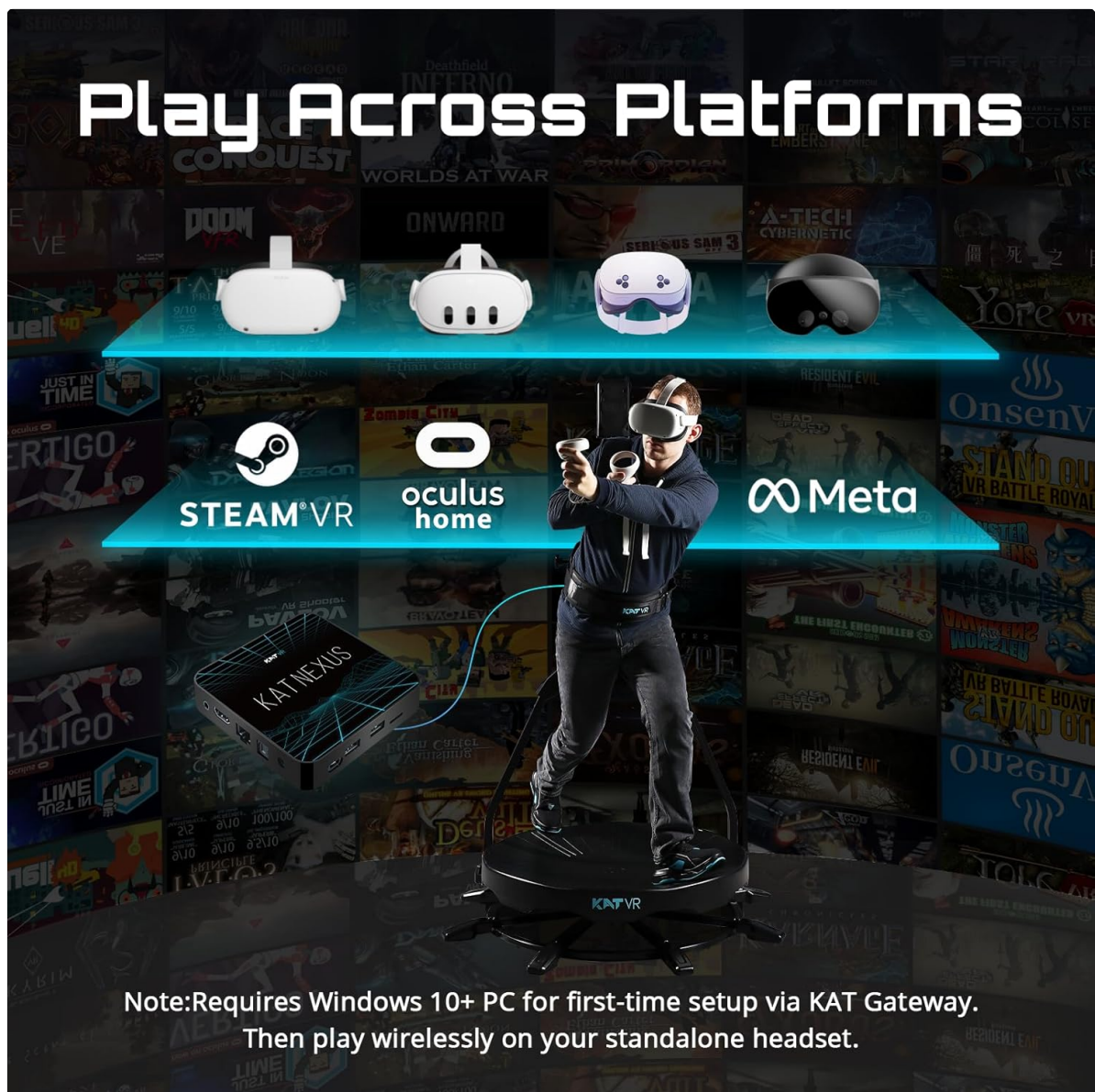


Figure 3.3: Connectivity options for the KAT Walk C2 CORE with various VR platforms.

3.3. Initial Calibration and Software

For first-time setup, a Windows 10+ PC is required for initial configuration via the KAT Gateway software. Follow the on-screen instructions within the software for calibration and pairing your devices. Ensure your VR headset and the KAT Walk C2 CORE are properly recognized.

Video 3.1: Walk C2 Core Product Overview. This video provides a general overview of the product and its initial setup.

Video 3.2: Safe, secure and flexible immersion in VR experiences. This short video demonstrates the safety and flexibility provided by the harness system.

4. OPERATING INSTRUCTIONS

Once set up, operating the KAT Walk C2 CORE is intuitive, mimicking natural movement.

4.1. Starting a VR Experience

1. Ensure your VR headset is active and connected to the KAT Walk C2 CORE system.

2. Launch your desired VR game or application that supports free locomotion.
3. Begin walking naturally on the treadmill platform. Your movements will be translated into the virtual environment.

4.2. Movement and Immersion

The omnidirectional design allows for 360-degree movement. You can walk, run, and turn in any direction, providing a highly immersive experience. The system is designed to reduce motion sickness by synchronizing your physical movement with your virtual movement.



Figure 4.1: The KAT Walk C2 CORE helps alleviate VR motion sickness by enabling natural locomotion.

Access Full-Body VR Movement in One Spot

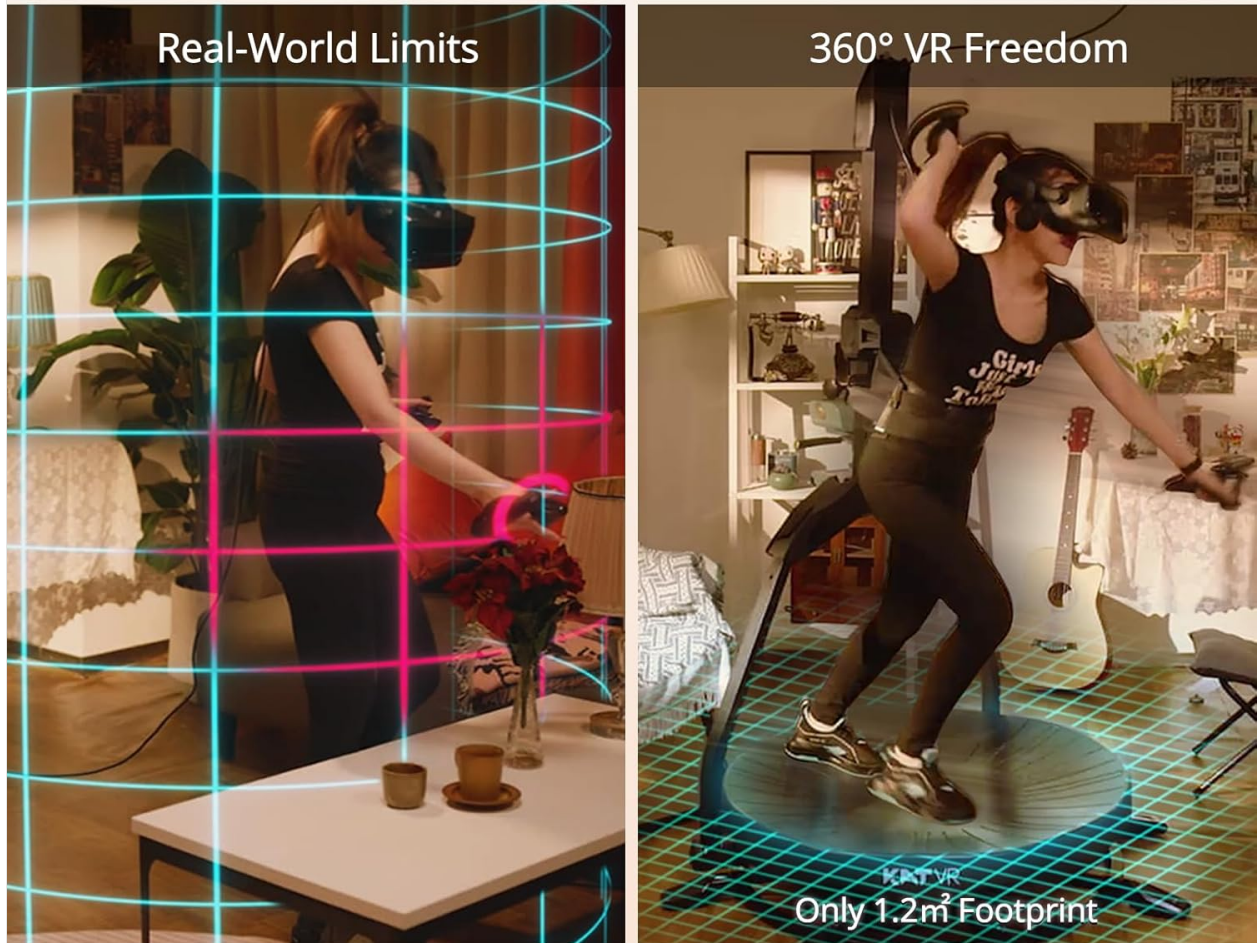


Figure 4.2: Experience full-body VR movement within a minimal physical footprint.



Figure 4.3: Seamlessly move inside your VR games with the KAT Walk C2 CORE.

4.3. Fitness Integration

The KAT Walk C2 CORE allows you to incorporate physical activity into your gaming sessions. Walking and running in VR can contribute to your daily fitness goals.

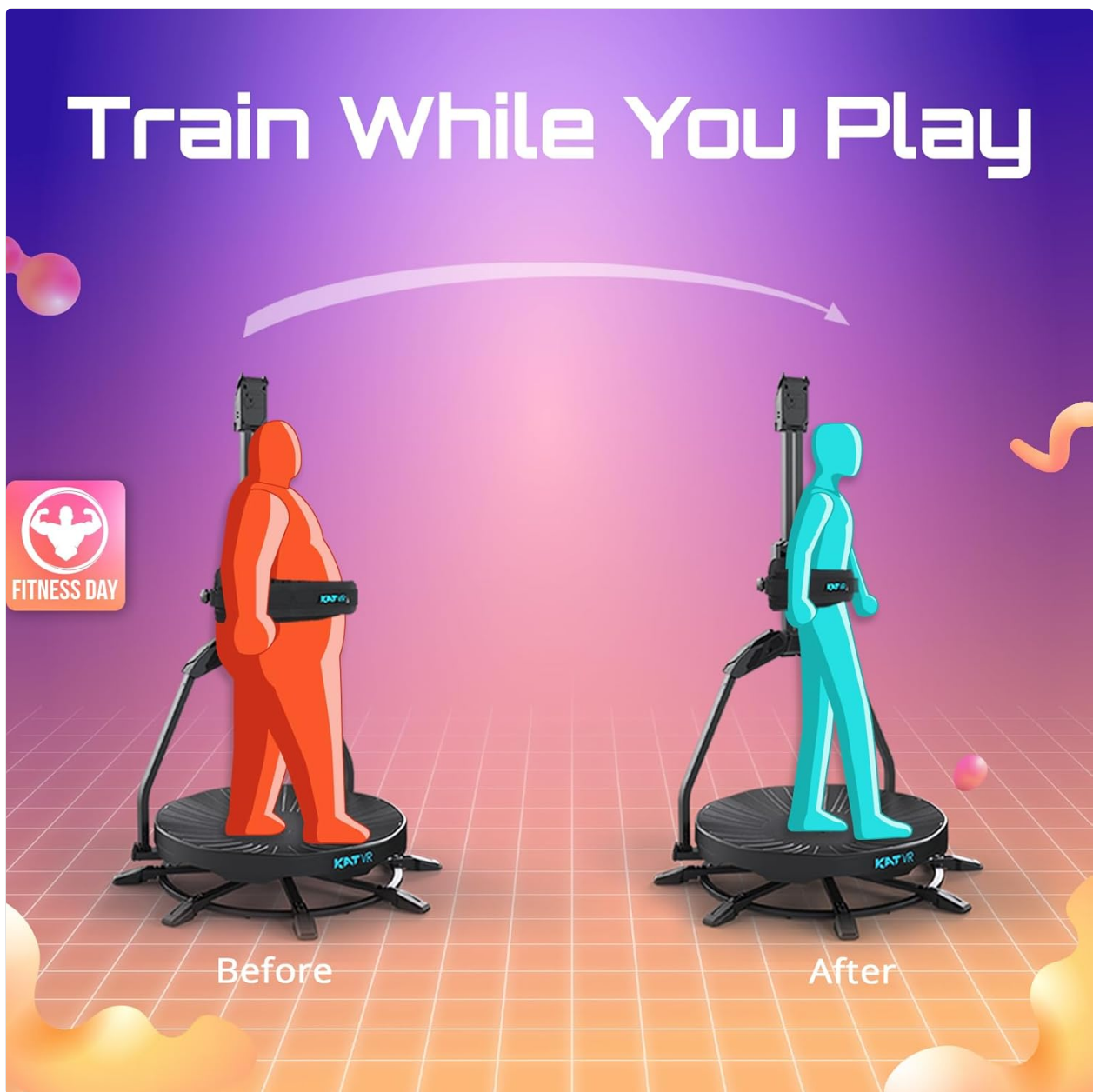


Figure 4.4: Engage in physical activity and burn calories while playing VR games.

Video 4.1: Lose weight without realizing it with KATVR Treadmill. This video demonstrates the fitness benefits of using the VR treadmill.

5. MAINTENANCE

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

5.1. Cleaning

- Wipe down the treadmill platform and harness with a soft, damp cloth after each use.
- Avoid using abrasive cleaners or solvents that could damage the surfaces.
- Keep the optical sensors on the platform clean and free from dust or debris to ensure accurate tracking.

5.2. Storage

Store the KAT Walk C2 CORE in a dry, cool place away from direct sunlight and extreme temperatures. Ensure cables are neatly coiled to prevent damage.

6. TROUBLESHOOTING

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

6.1. No Movement in VR

- **Check Connections:** Ensure all cables (power, USB, Nexus) are securely connected.
- **Software Status:** Verify that the KAT Gateway software is running and recognizes the treadmill and your VR headset.
- **Shoe Placement:** Confirm that your KAT VR shoes are properly positioned on the treadmill platform and that the anti-slip locks are disengaged for movement.
- **Game Compatibility:** Ensure the VR game or application you are using supports free locomotion and is compatible with the KAT Walk C2 CORE.

6.2. Motion Sickness

- While the KAT Walk C2 CORE is designed to reduce motion sickness, some users may still experience it initially. Take breaks if you feel unwell.
- Ensure proper calibration of the system to match your physical movements accurately.
- Adjust in-game VR settings related to locomotion speed or comfort options if available.

6.3. Harness Discomfort

- Adjust the harness straps to ensure a snug but comfortable fit. It should support your weight without being overly restrictive.
- Ensure the harness is positioned correctly around your waist, as shown in the setup guide.

7. SPECIFICATIONS

Feature	Detail
Model Name	KAT Walk C 2 Core
Product Dimensions	49"D x 49"W x 79"H (assembled) / 37 x 37 x 73.2 inches (packaged)
Item Weight	3.3 pounds
Color	C 2 Core + Nexus
Special Feature	360° Omnidirectional Action
Connectivity Technology	Bluetooth, USB

Compatible Devices	Standalone Virtual Reality Headsets
Specific Uses For Product	Gaming
Age Range (Description)	13 years and up
Manufacturer	KATVR
Country of Origin	China

Which KAT VR Suits You Best




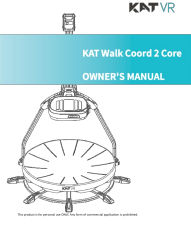



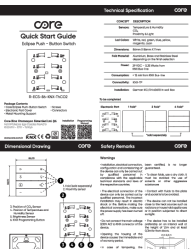
	Core (Basic)	Plus (Most Popular)	Plus Enhance (Upgraded)
Function			
Sitting Support	✗	✓	✓
Haptic Feedback	✗	✓	✓
LED Lighting	✗	✓	✓
Noise Dampening	✗	✗	✓ (36% ↓)
Mobility Wheels	✗	✗	✓
<div>✓ All models include KAT Shoes and Nexus Adapter</div> <div>✓ Enjoy the same natural walking experience in every version-smooth, immersive, and motion-sickness-reducing.</div>			

Figure 7.1: Feature comparison across KAT VR treadmill models.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official KATVR website or contact their customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.

	<p>KAT Walk Coord 2 Core Owner's Manual</p> <p>This manual provides comprehensive instructions for the installation, setup, and use of the KAT Walk Coord 2 Core VR treadmill. It includes safety warnings, product specifications, component details, and maintenance guidelines.</p>
	<p>KAT Walk Coord 2 Owner's Manual - VR Treadmill Setup and Usage Guide</p> <p>Comprehensive owner's manual for the KAT Walk Coord 2, a 2nd-generation personal VR treadmill. Includes setup, installation, usage, maintenance, and safety instructions for an immersive VR experience.</p>
	<p>KAT Walk Coord 2 Owner's Manual: Setup, Usage, and Safety Guide</p> <p>Comprehensive owner's manual for the KAT Walk Coord 2 VR treadmill, covering setup, installation, first use, maintenance, and safety guidelines. Learn how to use your KAT VR device for an immersive virtual reality experience.</p>
	<p>Setting Up Amazon Alexa with Core Smart Home</p> <p>A step-by-step guide to integrating Core Smart Home scenes with Amazon Alexa, enabling voice control via Amazon Echo devices.</p>
	<p>Core 9-Person BlockOut Dome Tent: Setup, Care, and Safety Guide</p> <p>Detailed instruction manual for the CORE 9-Person BlockOut Dome Tent (Model 40341), covering setup, takedown, care, FAQs, and essential safety warnings for a safe camping experience.</p>
	<p>Core Eclipse Push-Button Switch R-ECS-86-KNX-THCO2 Quick Start Guide</p> <p>Quick start guide for the Core Eclipse Push-Button Switch (R-ECS-86-KNX-THCO2), detailing technical specifications, package contents, dimensional drawing, safety remarks, mounting instructions, and commissioning procedures for KNX smart home systems.</p>