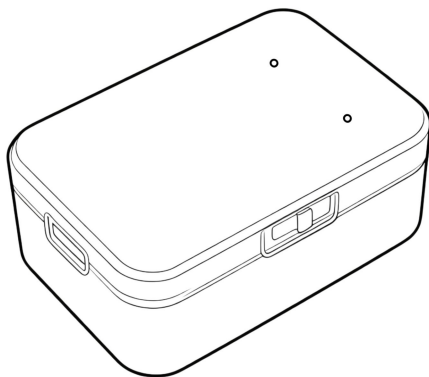


Avatru Full Body Tracker Kit

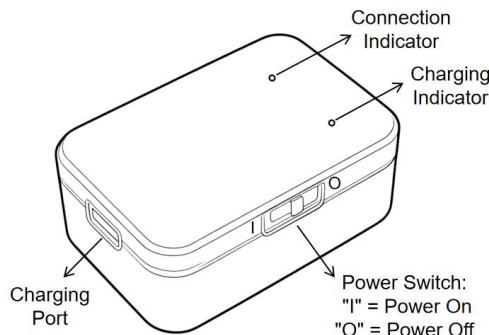
Wireless Tracking · SlimeVR / SteamVR
Compatible · Official User Guide



1. What's in the Box

Item	Qty	Notes
Avatru Wireless VR Tracker	× 6	
80 cm adjustable strap	× 2	For chest / waist
50 cm adjustable strap	× 2	For thighs
30 cm adjustable strap	× 2	For calves / ankles
5V/2A US plug power adapter	× 1	Included
1-to-6 USB-C charging cable	× 1	Charge all 6 trackers simultaneously
USB data cable (26 cm)	× 1	Required for Wi-Fi setup
Carry bag	× 1	For storage and transport

2. Tracker Hardware Overview



LED Status Guide

Indicator Type	LED State	Meaning
Charging Indicator	Solid Red	Charging in progress
	Solid Blue	Fully charged
Connection Indicator	Flashing Blue	Waiting for connection
	Off	Powered off

3. Charge the Trackers

Before first use or after prolonged storage, charge the trackers for 2–3 hours to ensure they are fully charged before use.

4. Software Setup

- Install SlimeVR Server on your PC.
- Install Java 17+ if required.
- Install SteamVR from Steam.
- Connect Trackers to Wi-Fi (Two options)

① If you use your PC to create a 2.4GHz hotspot, enter the factory-set Wi-Fi name (SSID): **Avatru** and password: **12345678** when connecting.

Note: If your laptop does not have a built-in wireless network card, you will need to purchase a separate 2.4 GHz Wi-Fi network adapter.

② If using a router Wi-Fi network, please set your router to the 2.4GHz band. Use the included white USB data cable to connect your PC to the tracker, enter your Wi-Fi SSID and password, then follow the prompts to complete pairing for each tracker one by one.

- Power on the trackers, start SteamVR, then launch SlimeVR Server.
- Complete the standing and body calibration inside SlimeVR Server.

Wi-Fi Setup — Critical Requirements

- Only 2.4GHz Wi-Fi is supported. 5GHz networks will NOT work.

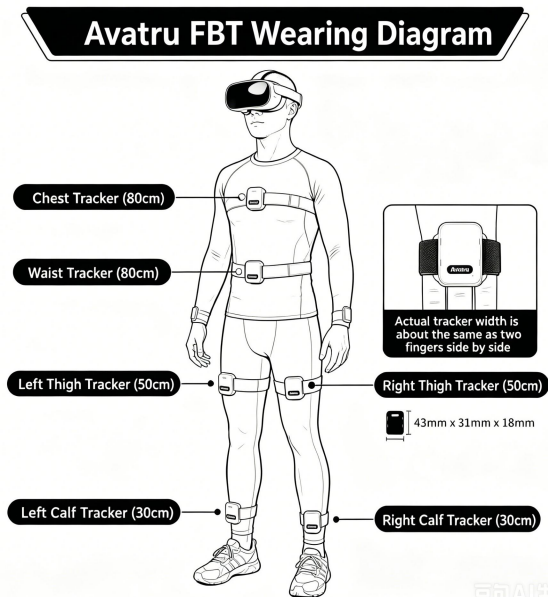
- Use a Wi-Fi SSID and password with English letters and numbers only. Avoid special characters, spaces, or non-ASCII symbols.

- If your router does not provide a stable 2.4GHz signal, use your PC as a 2.4GHz hotspot instead.

- Your PC and all trackers must be on the same Wi-Fi network.

5. Wear the Trackers

The standard 6-point wearing configuration is shown below. For all other setups, please refer to the SlimeVR Community guidelines.



⚠ Wearing Tips for Best Performance

- Fasten each strap tightly — trackers that slide or rotate will cause poor tracking quality.

- Place calf/ankle trackers close to the ankle for better lower-leg tracking.

- Keep the charging port facing downward whenever possible.

- Do not wear over thick, loose clothing — direct contact with the body surface improves stability.

⚠ Important Notes & Common Issues

- The one-to-many charging cable does not support data transfer and cannot be used to configure the trackers. Please use the included white USB data cable instead.

- If frequent disconnections occur, please check the battery level. Low power will affect Wi-Fi signal stability, so charge the trackers promptly and turn them off after each use.

- If you cannot connect to Wi-Fi:

Verify that the Wi-Fi SSID contains only English letters and numbers (Chinese characters and special characters are not supported);

Check whether the router has reached its maximum number of connected devices.

- For the best tracking experience, it is recommended to wear the tracker with the charging port facing downward.

- All trackers come pre-installed with the latest firmware. Please do not modify it yourself unless instructed to do so by official technical support.

- Avoid dropping or applying strong impact to the trackers.

Problem	Possible Cause	Solution
Tracker cannot connect	5 GHz Wi-Fi / unsupported SSID	Use 2.4 GHz Wi-Fi; use letters and numbers only
Frequent disconnection	Low battery / weak signal	Charge tracker; move closer to router
Poor tracking	Strap loose / tracker rotates	Tighten strap; keep tracker stable
Tracker not detected by PC	Using charging-only cable	Use the included white USB data cable
Body position looks wrong	Tracker assigned to wrong body part	Reassign tracker position in SlimeVR Server

6. Technical Specifications

Specification	Value
Brand	Avatru
Tracking Configuration	Classic 6-point: Chest ×1, Waist ×1, Thighs ×2, Ankles ×2
Chipset	LSM6DSV + ESP32-C3 Mini
Firmware Version	0.72+
Tracker Dimensions	45 mm × 33 mm × 18 mm
Tracker Weight	30 g each
Battery Capacity	800 mAh per tracker
Battery Life	Up to 9 hours
Charging Time	Approx. 2–3 hours
Charging Port	USB-C
Tracker supports Wi-Fi	2.4 GHz only
Power Adapter	5V / 2A, US plug

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FCC Statement

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

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

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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.