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HTC 99HASS001-00

HTC VIVE Tracker (3.0) Instruction Manual

High-precision full-body tracking for virtual reality environments.

INTRODUCTION

The HTC VIVE Tracker (3.0) is a compact and versatile device designed to bring real-world objects and full-body movements into virtual reality. It provides high-precision positional tracking, making it an ideal solution for virtual production, simulation training, motion capture, and immersive gaming experiences like VRChat. This manual will guide you through the setup, operation, and maintenance of your VIVE Tracker (3.0).

WHAT'S IN THE BOX

Your HTC VIVE Tracker (3.0) package includes the following items:

- VIVE Tracker (3.0)
- Dongle
- Dongle Cradle (USB-C)
- USB Cable (USB-C)



Image: The VIVE Tracker (3.0) along with its dongle, dongle cradle, and USB-C cable.

SETUP

Follow these steps to set up your VIVE Tracker (3.0) for use:

1. **Connect the Dongle Cradle:** Connect the USB Type-C cable to the Dongle Cradle, then plug the other end of the cable into an available USB port on your PC.
2. **Insert the Dongle:** Attach the dongle to the Dongle Cradle.
3. **Power On Tracker:** Press and hold the VIVE button on the tracker until the status light turns green, indicating it's powered on.
4. **Pairing in SteamVR:**
 - Launch SteamVR on your PC.
 - Go to **Menu > Devices > Pair Controller**.
 - Follow the on-screen instructions to complete the pairing process. The tracker's status light will turn

green once successfully paired.

For a visual guide on getting started, please watch the official setup video:

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Video: Official guide on how to get started with the VIVE Tracker 3.0, covering connection and pairing.

Important Note: The VIVE Tracker (3.0) requires base stations and compatible software (sold separately) for positional tracking. Ensure your PC has sufficient free USB connectors for all trackers you intend to use simultaneously.

OPERATING THE VIVE TRACKER (3.0)

The VIVE Tracker (3.0) enhances your VR experience with its advanced features:

- **Full-Body Tracking:** Achieve precise full-body motion capture in virtual environments. As few as three trackers can be used for comprehensive tracking, supporting SteamVR Base Station 1.0 and 2.0.
- **Accessory Tracking:** Attach the tracker to real-world objects or VR accessories to integrate them seamlessly into your virtual world, increasing realism for simulations and training.
- **Lightweight Design:** The Tracker (3.0) is 15% lighter than its predecessor (VIVE Tracker 2018), offering improved comfort during extended use.
- **Extended Battery Life:** Enjoy up to 7.5 hours of continuous use, which is 75% longer than the VIVE Tracker 2018, allowing for longer play, training, and creation sessions.
- **Wide Field of View:** A 240° field of view ensures robust and consistent tracking performance.

Observe the VIVE Tracker (3.0) in action, demonstrating its full-body tracking capabilities:

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Video: A user demonstrating full-body tracking with the HTC VIVE Tracker 3.0 in a virtual reality environment.

For a detailed comparison and overview of the VIVE Tracker (3.0) features, refer to this video:

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Video: A review highlighting the differences and improvements of the VIVE Tracker 3.0 compared to previous versions, including size, weight, and battery life.

MAINTENANCE

To ensure the longevity and optimal performance of your VIVE Tracker (3.0), follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe the tracker. Avoid using abrasive cleaners or solvents, as they may damage the device.
- **Storage:** Store the tracker in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Charging:** Charge the tracker using the provided USB-C cable and dongle cradle. Avoid overcharging or

completely draining the battery frequently to prolong its lifespan.

- **Firmware Updates:** Periodically check for and install any available firmware updates through SteamVR to ensure the best performance and compatibility.

TROUBLESHOOTING

If you encounter issues with your VIVE Tracker (3.0), try the following solutions:

- **Tracking Issues:**

- Ensure your base stations are properly set up and have a clear line of sight to the tracker.
- Check for any obstructions in the tracking area.
- Verify that the tracker's status light is green, indicating it's actively tracking.
- Recalibrate your tracking space in SteamVR.

- **Pairing Problems:**

- Confirm the dongle is securely connected to your PC via the cradle.
- Restart SteamVR and attempt the pairing process again.
- Ensure the tracker is in pairing mode (blinking blue light).
- Try a different USB port on your PC.

- **Battery Not Charging:**

- Check that the USB-C cable is firmly connected to both the tracker and the dongle cradle/PC.
- Ensure the USB port on your PC is functional.
- Try a different USB-C cable or power adapter if available.

For further assistance, please refer to the official HTC VIVE support resources.

SPECIFICATIONS

Feature	Detail
Model Number	99HASS001-00
Dimensions	4 x 4 x 3.4 inches
Weight	8 ounces
Battery Type	1 Lithium Polymer battery (included)
Battery Life	Up to 7.5 hours

Field of View	240°
Connectivity	USB Type-C (for charging and dongle cradle)
Compatibility	SteamVR Base Station 1.0 and 2.0, HTC VIVE, VIVE Pro Series, VIVE Pro Eye Series, VIVE Cosmos Elite, VIVE Cosmos External Tracking Faceplate. Requires PC with USB connector.

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please visit the official HTC VIVE website or contact their customer service. Keep your proof of purchase for warranty claims.

Online Support: www.vive.com/us/support/tracker3