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› moofit ANT+ Dongle USB ANT Stick Instruction Manual

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Model: moofit ANT+ Dongle

1. PRODUCT OVERVIEW

The moofit ANT+ Dongle is a compact USB device designed to receive ANT+ wireless radio signals and translate them into a USB protocol. This enables seamless connection between traditional indoor bike trainers and various cycling software applications on your computer.

It facilitates a faster data transfer speed, backward compatible with USB 1.1/2.0 full-speed specifications, offering a burst transfer rate of up to 60kbps. Its plug-and-play design ensures ease of use, automatically receiving activity data from compatible fitness devices within range.

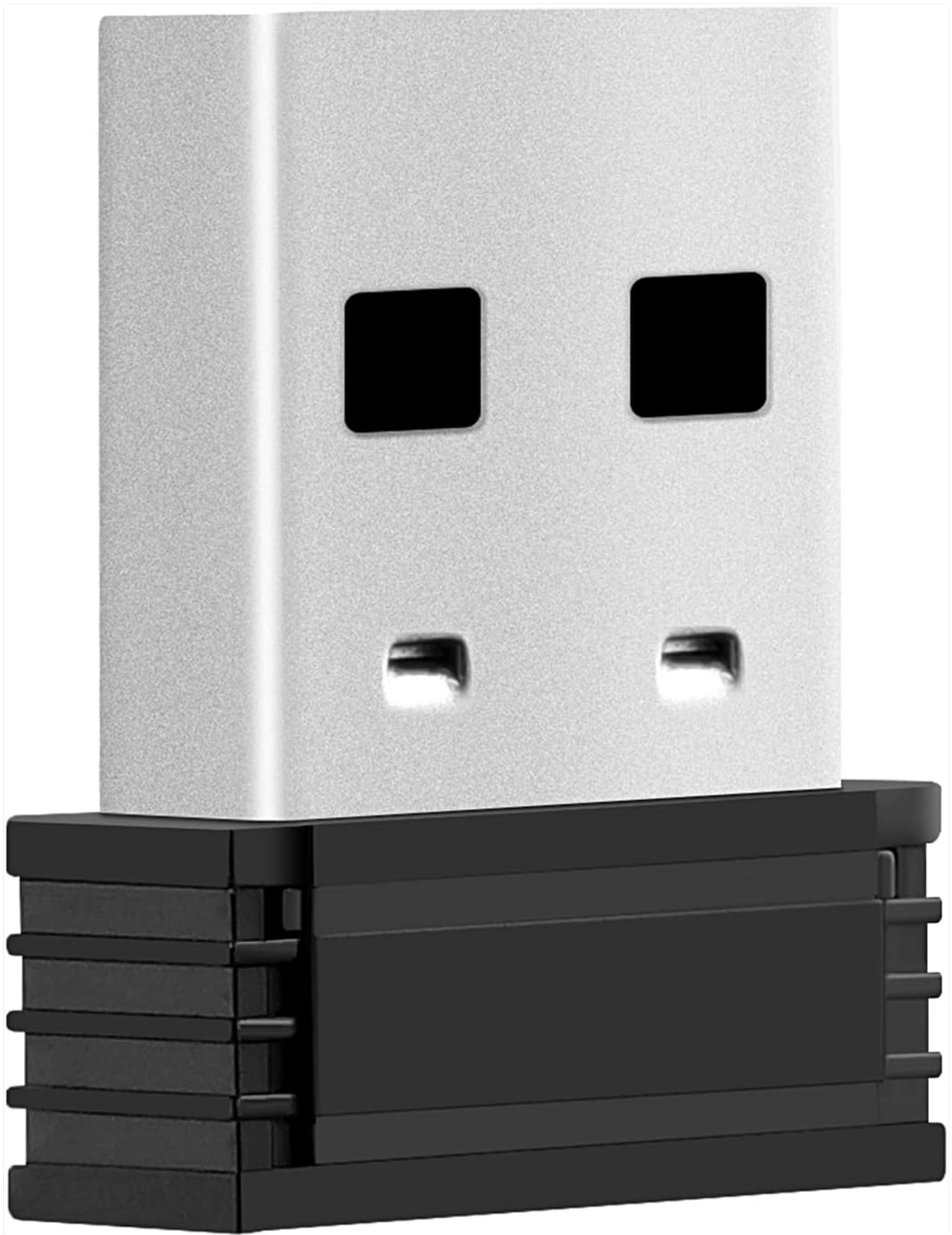


Figure 1: moofit ANT+ Dongle. A compact USB stick, silver on top with a black base, designed for wireless data reception.

2. SETUP GUIDE

Setting up your moofit ANT+ Dongle is a straightforward process, requiring only three simple steps to get started with your indoor cycling software.

1. **Prepare the USB ANT Stick:** Ensure the dongle is ready for connection.
2. **Plug into the Computer:** Insert the moofit ANT+ Dongle into an available USB port on your Windows or Mac computer. The device is plug-and-play and typically does not require additional driver installation.
3. **Search for Device in Cycling Software:** Open your preferred cycling software (e.g., Zwift, TrainerRoad, Rouvy) and navigate to its device pairing or sensor settings. The software should detect the ANT+ dongle and allow you to connect your ANT+ enabled fitness devices (like bike trainers, heart rate monitors, speed/cadence sensors).



Figure 2: Visual representation of the three setup steps: preparing the dongle, plugging it into a laptop, and searching for devices within cycling software.

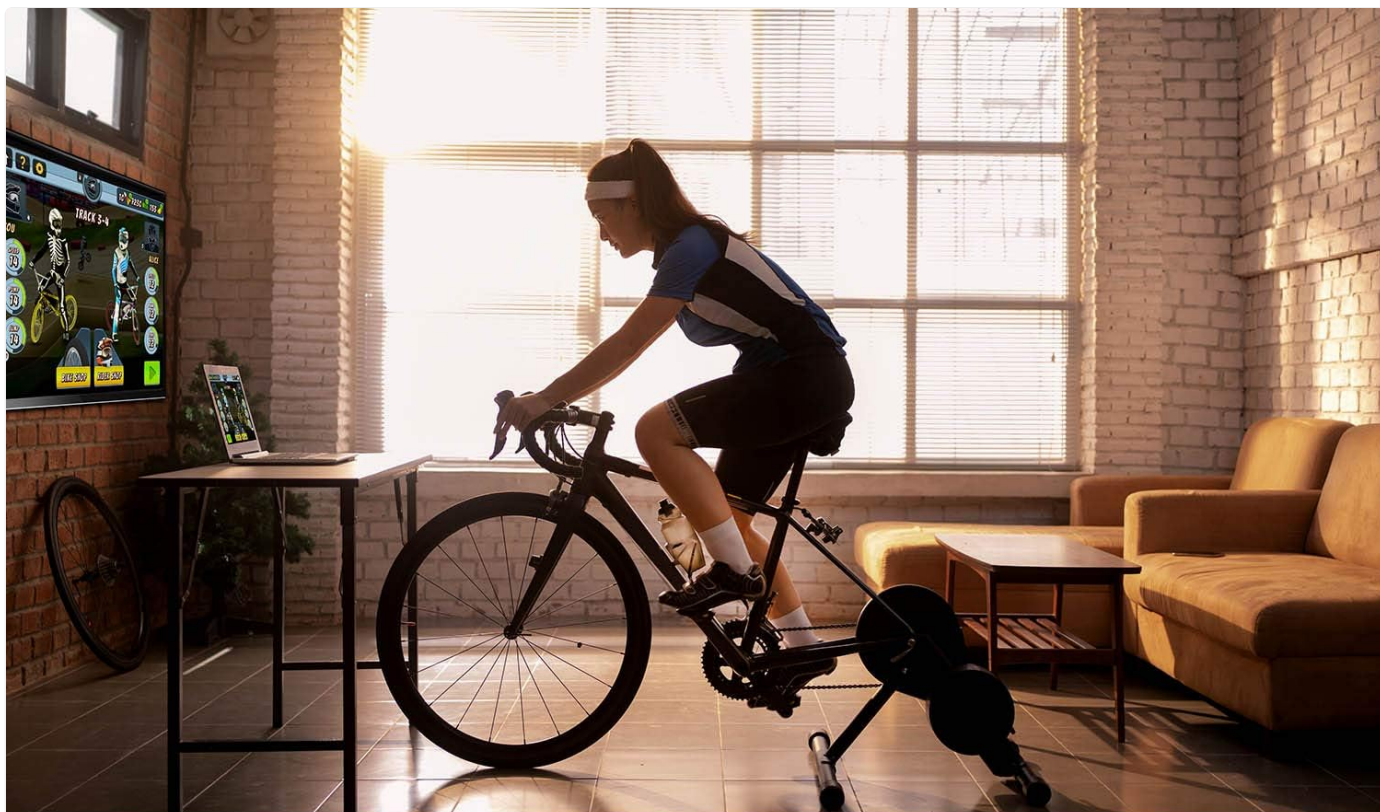


Figure 3: The moofit ANT+ Dongle discreetly plugged into the side USB port of a laptop, demonstrating its compact size.

3. OPERATING INSTRUCTIONS

Once the moofit ANT+ Dongle is connected and recognized by your computer, it acts as a bridge for ANT+ signals. Ensure your ANT+ enabled fitness devices are powered on and within range of the dongle.

- **Software Compatibility:** The dongle is compatible with popular cycling software platforms. Refer to the "Compatibility" section for a detailed list.
- **Device Pairing:** Within your chosen cycling application, initiate the device pairing process. The dongle will detect and connect to your ANT+ sensors, such as smart trainers, power meters, heart rate monitors, and speed/cadence sensors.
- **Data Transmission:** The dongle will continuously receive data from your paired devices, allowing the software to display real-time metrics, control smart trainers, and record your workout data.

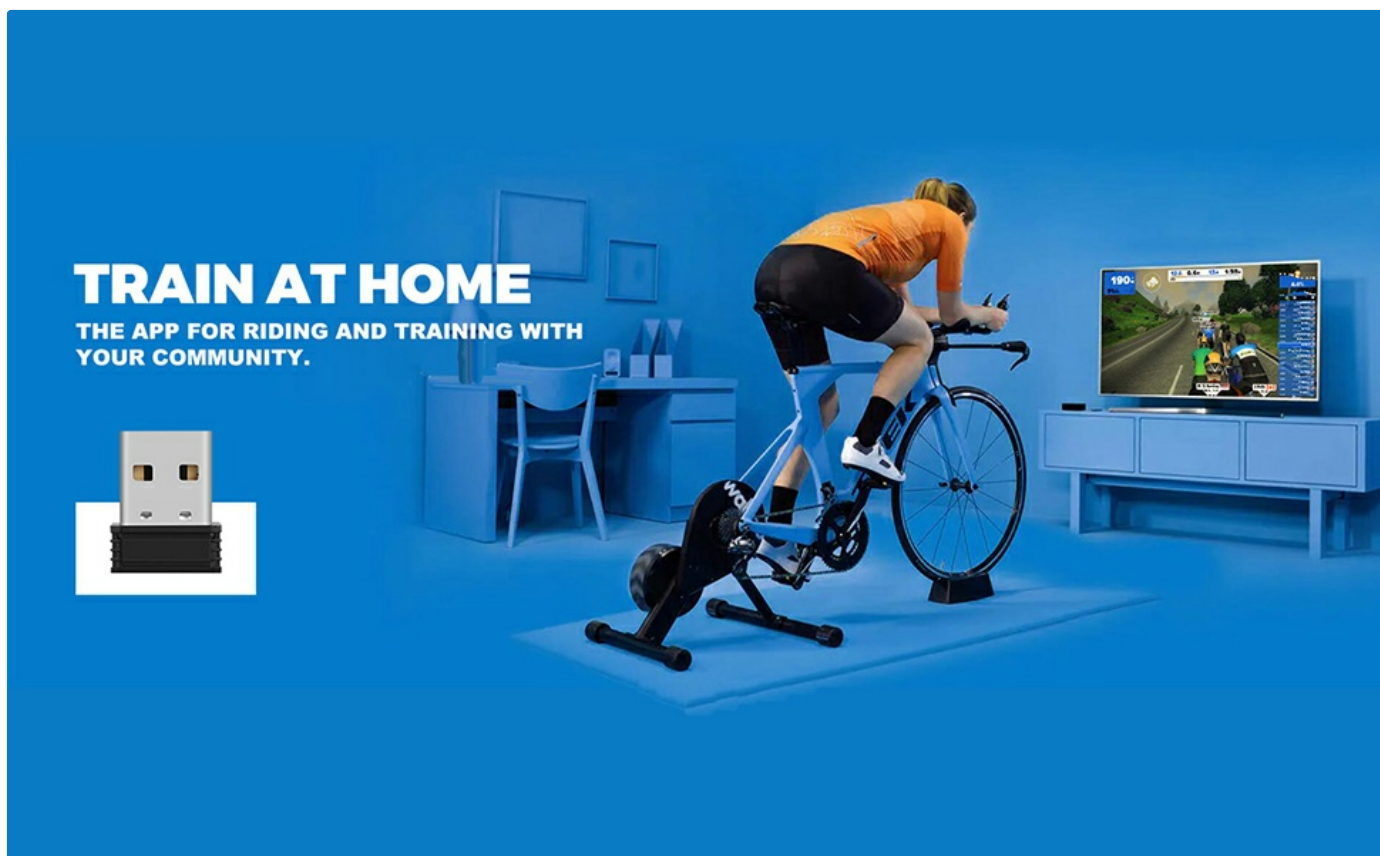


Figure 4: An individual engaged in indoor cycling, with a bike trainer connected to a computer displaying a virtual cycling environment, enabled by the ANT+ dongle.



Figure 5: A collage of different indoor cycling scenarios, illustrating how the ANT+ dongle integrates with various setups to enhance the training experience.

4. COMPATIBILITY

4.1. Operating Systems

- Microsoft Windows (32/64 Bit)
- Windows 10, 8, 7
- Windows XP/Vista
- Mac OS X



Figure 6: Icons representing various compatible operating systems including Microsoft Windows versions and Mac OS X, indicating broad system support.

4.2. Compatible Fitness Devices & Software

The moofit ANT+ Dongle is widely compatible with a range of ANT+ enabled fitness devices and popular cycling software:

- Garmin fitness devices
- Tacx
- Bkool
- Wahoo Kickr
- PerfPRO Studio
- CycleOps Virtual Trainer
- TrainerRoad
- TheSufferfest
- Rouvy

- Forerunner series (310XT, 405, 405CX, 410, 610, 910)
- Zwift

5. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	moofit
Model Name	moofit ANT+ Dongle
Connectivity Technology	USB
Function	Receive ANT+ wireless radio, translate to USB protocol
Transfer Speed	Backward-compatible with USB1.1/2.0 full speed, Burst transfer rate up to 60kbps
Item Weight	0.317 ounces (approx. 0.01 Kilograms)
Package Dimensions	3.27 x 2.52 x 0.39 inches
Included Components	ANT+ Dongle

USB ANT STICK



Figure 7: A hand holding the moofit ANT+ Dongle, emphasizing its mini and portable design.

6. TROUBLESHOOTING

- **Dongle Not Recognized:**

- Try plugging the dongle into a different USB port on your computer.
- Restart your computer.
- Ensure your operating system is up to date.
- Check device manager (Windows) or System Information (Mac) to see if the USB device is listed.

- **Devices Not Pairing:**

- Ensure your fitness devices (trainer, heart rate monitor, etc.) are powered on and have fresh batteries if applicable.
- Make sure your fitness devices are ANT+ compatible.
- Reduce the distance between the dongle and your fitness devices. Obstructions can interfere with the signal.
- Close any other applications that might be using ANT+ or Bluetooth connections.
- Check the settings within your cycling software to ensure ANT+ is enabled and it's searching for devices.

- **Intermittent Connection:**

- Move the dongle closer to your devices, possibly using a USB extension cable to position it optimally.
- Minimize interference from other wireless devices (Wi-Fi routers, microwaves, other ANT+ devices) by moving them further away.

7. WARRANTY INFORMATION

The moofit ANT+ Dongle comes with a **One Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For warranty service or inquiries, please contact moofit customer support through the official channels.

8. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your moofit ANT+ Dongle, please visit the official moofit store on Amazon or contact their customer service for assistance.

[Visit the moofit Store on Amazon](#)

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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

