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› VDO R2 WL ATS Cycle Computer User Manual

VDO R2 WL ATS

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Model: R2 WL ATS

INTRODUCTION

Thank you for choosing the VDO R2 WL ATS Cycle Computer. This manual provides detailed instructions for the setup, operation, and maintenance of your new device. The VDO R2 WL ATS is a wireless cycle computer designed to provide essential cycling data with ease of use and a clear display. It features wireless analog data transmission, a large screen for optimal readability, and is waterproof for reliable performance in various weather conditions.

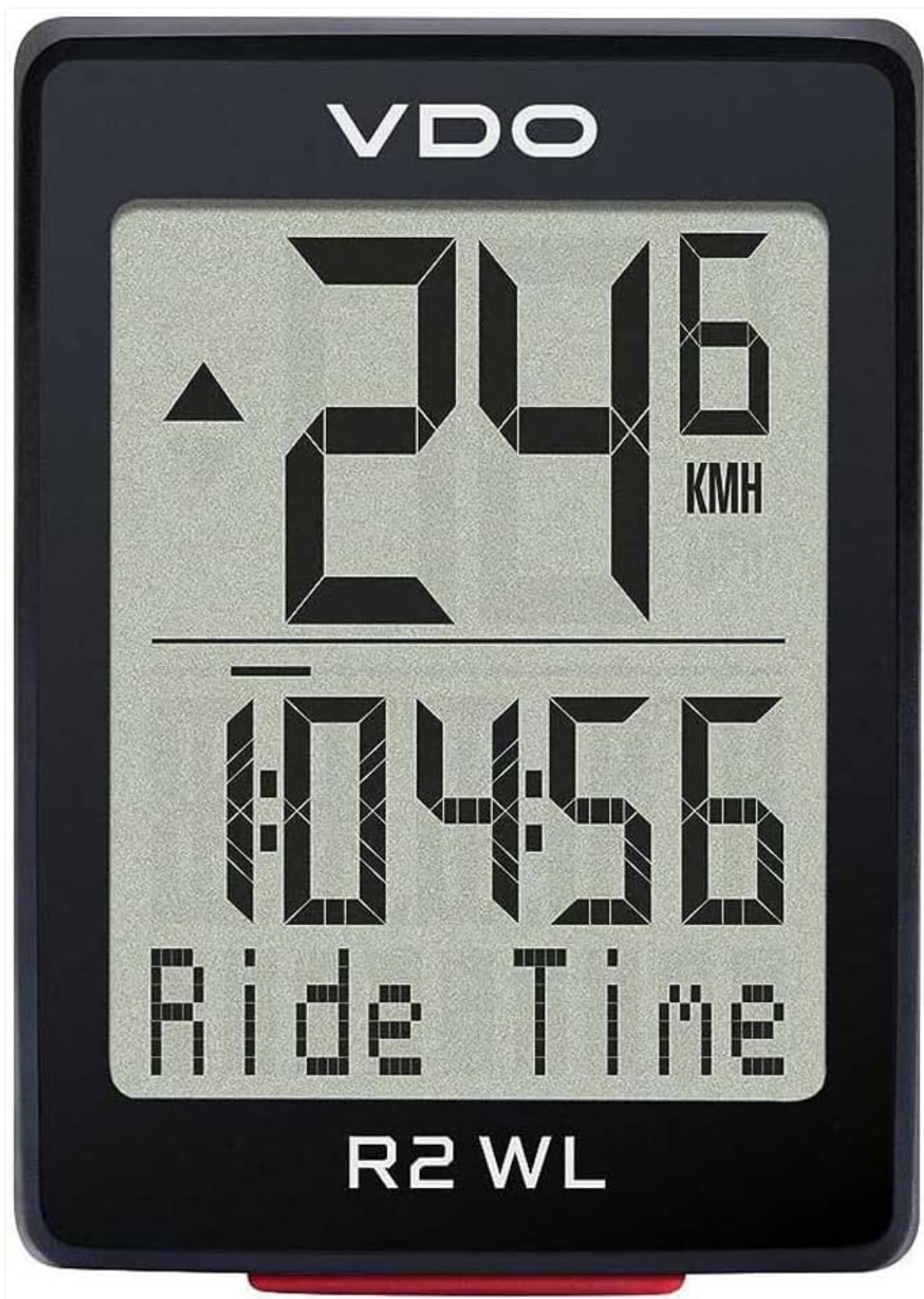


Image: Front view of the VDO R2 WL ATS Cycle Computer, displaying "24.6 KM/H" for speed and "1:04:56 Ride Time" below it. The VDO logo is at the top, and "R2 WL" is at the bottom.

SETUP

Before first use, please follow these steps to ensure proper installation and configuration of your VDO R2 WL ATS cycle computer.

1. Battery Installation

- The VDO R2 WL ATS comes with batteries included. If replacement is needed, carefully open the battery compartment on the back of the computer and the sensor.
- Insert new batteries, ensuring correct polarity (+/-).

- Close the compartment securely to maintain waterproof integrity.

2. Mounting the Cycle Computer

1. Attach the computer mount to your bicycle's handlebar or stem using the provided straps or zip ties. Ensure it is securely fastened and positioned for easy viewing.
2. Slide the VDO R2 WL ATS computer onto the mount until it clicks into place.

3. Mounting the Speed Sensor

- Attach the speed sensor to the front fork of your bicycle, ensuring it is aligned with the wheel spoke.
- Secure the sensor using the provided zip ties.
- Attach the magnet to a spoke on the front wheel. Position the magnet so it passes within 5mm of the sensor when the wheel rotates.
- Adjust the sensor and magnet positions as needed to ensure consistent detection.

4. Initial Settings

Upon first power-on or after a battery change, you may need to configure basic settings.

- **Language Selection:** The device supports 7 selectable languages. Use the button(s) to navigate and select your preferred language.
- **Wheel Size:** Accurate speed and distance readings depend on correct wheel size input. Refer to your bicycle's tire sidewall for the wheel circumference in millimeters (e.g., 2070mm for a 700x23c tire) or use a wheel size chart. Enter this value into the computer's settings.
- **Units:** Select your preferred units for speed and distance (e.g., km/h or mph).

OPERATING INSTRUCTIONS

The VDO R2 WL ATS is designed for intuitive operation.

Display Overview

The large screen (31 x 39 mm) provides clear visibility of your cycling data.

- **Top Display Area:** Typically shows current speed.
- **Bottom Display Area:** Cycles through various functions such as ride time, trip distance, total distance, average speed, maximum speed, and clock.

Button Functions

The VDO R2 WL ATS typically operates with one or two buttons for navigation and selection.

- **Main Button (usually on the front/bottom):**
 - Short press: Cycle through display functions (e.g., ride time, trip distance).
 - Long press: Enter settings menu or reset trip data (functionality may vary, refer to on-screen prompts).
- **Secondary Button (if present, often on the back):** Used for entering/exiting settings or specific adjustments.

Starting and Stopping a Ride

- The computer automatically starts recording data when it detects wheel movement from the speed sensor.
- It will pause or stop recording when no movement is detected for a period.
- To reset trip data (e.g., trip distance, ride time) for a new ride, perform a long press on the main button as indicated

by the display.

MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your VDO R2 WL ATS cycle computer.

Cleaning

- Clean the computer and sensor regularly with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as these can damage the display or casing.
- As the device is waterproof (IPX7), it can withstand splashes and brief immersion, but avoid high-pressure water jets.

Battery Replacement

- The battery life is approximately 2 years. When the display becomes dim or erratic, it's time to replace the batteries in both the computer and the speed sensor.
- Refer to the "Battery Installation" section under Setup for instructions.
- Dispose of old batteries according to local regulations.

Storage

- If storing the computer for an extended period, consider removing the batteries to prevent leakage.
- Store in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

If you encounter issues with your VDO R2 WL ATS, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No display / Computer not turning on	Dead or incorrectly installed battery.	Check battery polarity. Replace batteries in both computer and sensor.
Incorrect or erratic speed reading	• Sensor/magnet misalignment. • Incorrect wheel size setting. • Interference. • Sensor battery low.	• Ensure magnet passes within 5mm of the sensor. • Verify the wheel size setting is accurate. • Move away from strong electromagnetic fields. • Replace sensor battery.
No signal / Computer not detecting sensor	• Sensor too far from computer. • Sensor battery dead. • Sensor/magnet misalignment.	• Ensure computer and sensor are within effective range (typically front wheel). • Replace sensor battery. • Adjust sensor and magnet positions.
Display frozen or unresponsive	Temporary software glitch.	Remove and reinsert the battery to perform a soft reset. If problem persists, contact support.

SPECIFICATIONS

Key technical specifications for the VDO R2 WL ATS Cycle Computer:

- **Model:** R2 WL ATS
- **Display Type:** LCD
- **Display Size:** 31 x 39 mm
- **Data Transmission:** Wireless Analog
- **Waterproof Rating:** IPX7
- **Languages:** 7 selectable
- **Battery Type:** (Typically CR2032 for computer and sensor, though not explicitly stated in JSON, common for cycle computers)
- **Battery Life:** Approximately 2 years
- **Included Components:** On package (Computer, Sensor, Magnet, Mount, Mounting materials)
- **Color:** Black
- **Material Type:** Multiple
- **Package Dimensions:** 15.7 x 6.8 x 3.6 cm
- **Weight:** 90 g

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official VDO website or contact your local VDO dealer. Keep your proof of purchase for warranty claims.

Online Resources: For the most up-to-date information, FAQs, and additional support, visit the official VDO website.

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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