DINOKA cd477201-652c-4643-8c8e-ee42aa539293

DINOKA Wireless Digital Bicycle Computer User Manual

Model: cd477201-652c-4643-8c8e-ee42aa539293

1. Introduction

Thank you for choosing the DINOKA Wireless Digital Bicycle Computer. This device is designed to enhance your cycling experience by providing accurate and real-time data about your ride. With its multi-functional capabilities, waterproof design, and easy installation, it is an ideal companion for both casual riders and fitness enthusiasts.

This manual provides detailed instructions on how to install, operate, maintain, and troubleshoot your new bicycle computer. Please read it carefully before use to ensure optimal performance and longevity of the product.

2. Key Features

- **Multi-functional:** Offers 22 functions including current speed, maximum speed, average speed, trip distance, total distance (odometer), riding time, clock, and more.
- **LCD Digital Display:** Clear and easy-to-read screen for quick data interpretation.
- **Day and Night Backlight:** Adjustable green and white backlight ensures visibility in various lighting conditions.
- **Wireless Design:** Eliminates messy cables, providing a clean setup and easy removal.
- **Waterproof Casing:** Designed to withstand rain, making it suitable for all-weather cycling. (Note: Wipe dry after exposure to heavy rain.)
- **Automatic Wake-up:** The computer automatically activates from sleep mode when it detects bicycle movement.
- **Automatic Memory Function:** Retains data even after battery replacement.



Image: Overview of the bicycle computer's various functions, including trip distance, max speed, current speed, average speed, clock, comparator, trip time, scan, backlight, odometer, and auto-off.

3. Package Contents

Please check the package to ensure all components are present:

- 1 x Bicycle Computer Unit
- 1 x Wireless Sensor
- 1 x Mounting Bracket
- 1 x Magnet
- 2 x CR2032 Batteries (for computer unit)
- 2 x Adhesive Strips
- 7 x Cable Ties
- 1 x User Manual



Image: All components of the DINOKA Wireless Digital Bicycle Computer laid out, including the main unit, sensor, magnet, mounting bracket, batteries, adhesive strips, and cable ties.

4. Installation Guide

Follow these steps for proper installation:

1. **Install Batteries:** Open the battery cover on the back of the computer unit and the wireless sensor. Insert the CR2032 batteries, ensuring correct polarity.
2. **Mount the Computer Unit:** Attach the mounting bracket to your bicycle's handlebar or stem using the provided cable ties or adhesive strips. Secure the bicycle computer unit onto the bracket.
3. **Install the Wireless Sensor:** Fix the wireless sensor to the front fork of your bicycle using cable ties. Ensure it is positioned correctly to align with the magnet.
4. **Attach the Magnet:** Secure the magnet to a spoke on your front wheel. The magnet should be positioned so that it passes within 3mm of the wireless sensor as the wheel rotates. Adjust the sensor and magnet positions as needed for optimal signal detection.

5. **Initial Setup:** After installation, power on the unit. You will need to configure settings such as unit of measurement (km/h or mph) and wheel circumference. Refer to the 'Operating Instructions' section for detailed setup steps.



Image: A diagram showing the installation process of the wireless bicycle computer, including the placement of the computer unit on the handlebar, the sensor on the front fork, and the magnet on a spoke, highlighting the induction distance.

5. Operating Instructions

The DINOKA Bicycle Computer features two main buttons for navigation and setting adjustments:

- **MODE Button:** Used to cycle through different display modes (e.g., ODO, DST, MXS, AVS, TM, CLK).
- **SET Button:** Used to enter settings mode, confirm selections, or reset values.

5.1. Display Modes

Press the MODE button to switch between the following displays:

- **SPD (Current Speed):** Displays your real-time cycling speed.

- **ODO (Odometer):** Shows the total accumulated distance.
- **DST (Trip Distance):** Displays the distance covered during the current trip.
- **MXS (Maximum Speed):** Records the highest speed achieved during the current trip.
- **AVS (Average Speed):** Calculates the average speed of the current trip.
- **TM (Trip Time):** Shows the duration of the current trip.
- **CLK (Clock):** Displays the current time (12H/24H format).
- **SCAN:** Automatically cycles through DST, MXS, AVS, and TM displays.



Image: The bicycle computer screen showing real-time data, including current speed, odometer, and a larger display of trip distance, max speed, and average speed.

5.2. Setting Wheel Circumference

Accurate speed and distance readings depend on correct wheel circumference settings. Refer to the table in your printed manual for common wheel sizes or measure your wheel's circumference in millimeters.

1. From the ODO display, press and hold the SET button for a few seconds until the digits start flashing.

2. Use the MODE button to adjust the flashing digit.
3. Press the SET button to move to the next digit.
4. Repeat until the correct circumference is entered, then press SET to confirm.

5.3. Backlight Function

The backlight automatically turns on between 6:00 PM and 8:00 AM when any button is pressed. During other hours, you can manually activate the backlight by pressing both MODE and SET buttons simultaneously.



Image: A split image demonstrating the bicycle computer's display visibility during the day (bright, clear) and at night (with activated backlight for enhanced readability).

6. Maintenance

6.1. Cleaning

Wipe the computer unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the display or casing. While the unit is waterproof, avoid submerging it in water.



Image: The DINOKA bicycle computer displayed on a bike handlebar in a rainy outdoor setting, emphasizing its IPX waterproof rating and secure lock seal.

6.2. Battery Replacement

When the display becomes dim or erratic, it's time to replace the batteries. The computer unit uses two CR2032 batteries. Carefully open the battery compartment on the back of the unit, remove the old batteries, and insert new ones, observing polarity. The wireless sensor also uses a battery (typically a 12V A23, though product specs mention CR2032 for computer unit only; check your sensor for specific battery type if different from CR2032). Data will be retained due to the automatic memory function.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No display or dim display	Low battery; Incorrect battery installation	Replace batteries; Ensure correct polarity (+/-)
No speed reading / Inaccurate reading	Sensor/magnet misalignment; Sensor too far from magnet; Incorrect wheel circumference setting; Wireless interference	Adjust sensor and magnet to be within 3mm; Check wheel circumference setting; Move away from strong electromagnetic fields
Unit does not wake up automatically	Sensor not detecting movement; Low sensor battery	Check sensor and magnet alignment; Replace sensor battery (if applicable)
Buttons unresponsive	Unit frozen; Low battery	Remove and reinsert batteries to reset; Replace batteries

8. Product Specifications

Feature	Specification
Brand	DINOKA
Model Number	cd477201-652c-4643-8c8e-ee42aa539293
Color	White
Screen Size	56 Millimeters
Display Type	LCD
Weight	100 Grams
Dimensions (L x W x H)	5.6 x 4.1 x 2 cm
International Protection Rating	IP54 (Splash-proof)
Battery Type	CR2032 (for computer unit)

9. Warranty and Support

For warranty information or technical support, please refer to the specific warranty card included with your product or contact the seller/manufacturer directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.
For further assistance, you may visit the DINOKA brand page on Amazon.