DINOKA 368

DINOKA Bike Speedometer User Manual

Model: 368

Introduction

The DINOKA Model 368 Wireless Bike Speedometer is a multi-functional, waterproof cycling computer designed for various bicycle types. It provides essential riding data such as speed, distance, and time, making it a valuable tool for cyclists. Key features include an automatic wake-up function, a clear LCD backlight display for day and night viewing, and a user-friendly interface for easy operation and setup.

Components

The package includes the following items:

- Cycling Computer Unit
- Wireless Sensor
- Seat (Mounting Bracket)
- Magnet (for wheel spoke)
- CR2032 Batteries (typically 2)
- Stickers (adhesive pads)
- Cable Zip Ties
- User Manual



Figure 1: All components included in the DINOKA Bike Speedometer package.

This image displays all the parts you will find in the box: the main cycling computer, the wireless sensor, the mounting seat, a magnet, two CR2032 batteries, adhesive stickers, and cable zip ties, along with the user manual.

Setup

1. **Battery Installation:**

   Install the CR2032 batteries into both the cycling computer unit and the wireless sensor. Ensure correct polarity (positive side facing upwards).

2. **Wheel Circumference Setting:**

   After battery installation, the unit will display a default wheel circumference. Press and hold both buttons simultaneously for 3 seconds to enter the setting mode. Use the right-hand button to input your specific wheel circumference in millimeters. Refer to the provided wheel circumference chart in the manual for common tire sizes.

3. **Mounting the Computer Unit:**

   Attach the mounting seat to your bicycle's handlebar using the provided cable zip ties. Secure the cycling computer unit onto the mounting seat.

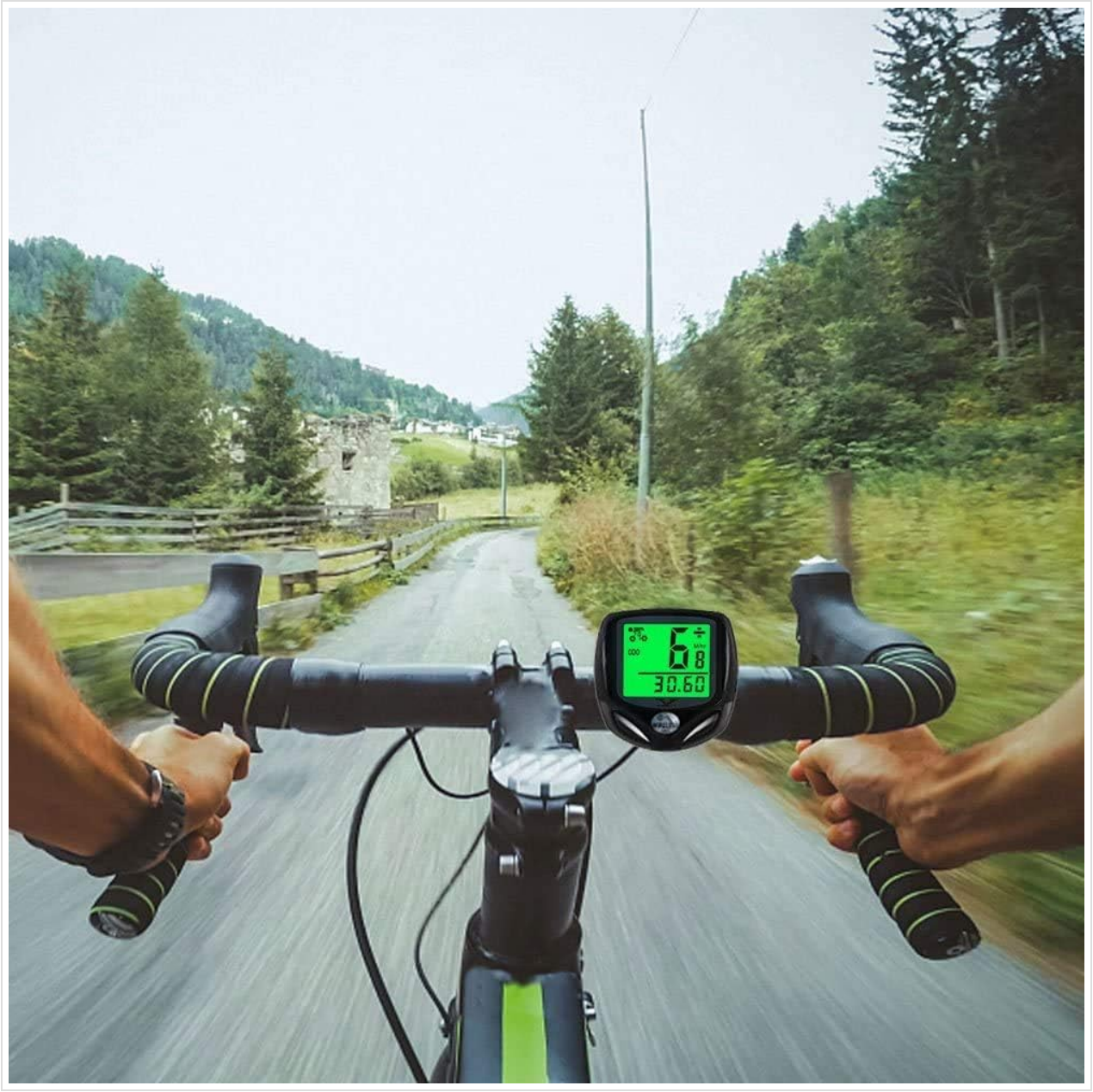


Figure 2: The speedometer unit securely mounted on the handlebar.

This image shows the main unit of the bike speedometer installed on the handlebar, providing a clear view for the rider.

4. **Installing the Wireless Sensor and Magnet:**

   Install the magnet onto a spoke of your front wheel. Position the wireless sensor on the front fork of your bicycle using the provided cable zip ties. Ensure the distance between the magnet and the sensor is approximately 3mm for optimal signal transmission. The sensor has an arrow indicating the optimal alignment point with the magnet.



Figure 3: Detailed diagram for sensor and magnet placement on the bike's front wheel.

This diagram illustrates the correct positioning of the wireless sensor on the bike fork and the magnet on a wheel spoke, emphasizing the crucial 3mm distance for accurate readings.



Figure 4: Visual guide for ensuring proper distance between sensor and magnet.

This image provides a visual representation of the required distances for the sensor and magnet, highlighting that the main unit and sensor should be within 60cm, and the magnet and sensor should be as close as 3mm.

Operating Instructions

The DINOKA Bike Speedometer offers multiple functions to track your cycling performance:

- **Speedometer (SPD):** Displays current speed.
- **Odometer (ODO):** Tracks total distance traveled (0.001-99999km/m).
- **Trip Distance (DST):** Measures distance for the current ride.
- **Maximum Speed (MXS):** Records the highest speed achieved during a ride.
- **Average Speed (AVS):** Calculates the average speed of your ride.
- **Elapsed Time (TM):** Shows the duration of your current ride.
- **Clock (CLK):** Displays time in 12H/24H format.
- **Backlight:** Provides illumination for easy viewing in low-light conditions. The backlight automatically activates when any button is pressed between 18:00 and 06:00.
- **Scan:** Cycles through various display modes automatically.

Automatic Functions:

- **Auto Wake Up:** The speedometer automatically wakes from sleep mode upon sensing vibration or movement, typically after 300 seconds of no signal input.
- **Day & Night Backlight:** The backlight feature ensures visibility in various lighting conditions. A slight rattling sound from the device is normal and results from the design of the wireless automatic function.



Figure 5: The speedometer display in both Day Mode and Night Mode.

This image demonstrates the clear visibility of the LCD display in both bright daylight and dark conditions, thanks to its automatic backlight feature.



Figure 6: Visual representation of the speedometer's functions and compact dimensions.

This image highlights the various functions of the speedometer, including trip distance, current speed, trip time, odometer, sleep mode, and maximum speed, along with its compact 46mm x 46mm size.

Maintenance

The speedometer features a maintenance alert function. Consult the user manual for specific settings related to maintenance reminders (e.g., setting alerts for 200, 400, 600 km/miles).
To ensure longevity and accurate readings, periodically check the sensor and magnet alignment. The distance between them should remain approximately 3mm. Also, ensure the mounting is secure to prevent movement during rides.

Troubleshooting

- **No Speed Reading:** Check the distance between the magnet and sensor. It should be less than 3mm. Ensure the sensor is correctly aligned with the magnet's passing point. Verify that batteries in both the computer and sensor are correctly installed and have sufficient charge.
- **Inaccurate Readings:** Re-verify the wheel circumference setting. An incorrect setting will lead to inaccurate speed and distance measurements.
- **Display Issues:** If the display is dim or blank, replace the CR2032 batteries in the unit.
- **Automatic Wake-up Not Working:** Ensure the device is not in a prolonged static state that might prevent the vibration sensor from activating. Check battery levels.

Specifications

Feature	Detail
Brand	DINOKA
Model Number	368
Color	Black
Display Type	LCD
Sensor Type	Speed Sensor
Battery Cell Composition	Lithium (CR2032)
Connectivity Technology	Wireless (ANT)
International Protection Rating	IP67 or higher (Waterproof)
Mounting Type	Handlebar Mount
Human Interface Input	Buttons
Material	Plastic
Item Package Dimensions	5.31 x 4.29 x 0.94 inches
Package Weight	0.08 Kilograms

Warranty and Support

For warranty information or technical support, please refer to the contact details provided in the original product packaging or visit the official DINOKA website. Keep your purchase receipt for warranty claims.
The product typically comes with a 30-day return policy for refund or replacement.

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