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Hilceriy 2024

Hilceriy Bike Computer User Manual

Model: 2024
Brand: Hilceriy

INTRODUCTION

The Hilceriy Bike Computer (Model 2024) is a wired cycling accessory designed to track and display essential riding data. This device provides real-time information such as speed, distance, riding time, and more, enhancing your cycling experience by offering valuable statistics for fitness tracking and navigation. Its robust design ensures reliable performance in various weather conditions.



Image: The Hilceriy Bike Computer with its clear LCD display, showing current speed, distance traveled (DST), and total riding time (TM).

PRODUCT FEATURES

- **Multi-functions:** Measures riding data including average speed, maximum speed, KM/H, riding time, and distance. Includes additional functions such as calorie statistics and temperature display.
- **Day & Night Backlight:** Features a backlight for clear viewing in low-light conditions. The backlight can be activated manually by simultaneously pressing the "SET" and "MODE" keys.
- **IPX6 Waterproof:** Designed to withstand rainstorms, ensuring normal operation even in wet weather. Note: Prolonged contact with heavy rain may temporarily affect temperature readings, but other functions remain normal, and the device will not be damaged.
- **Auto Wake-up Function:** The computer enters a standby sleep mode after 3 minutes of no signal input. It automatically resumes operation and retains previous data when cycling restarts or the screen is touched.
- **Wide Compatibility:** Compatible with most road bicycles, mountain bikes, and folding bikes. May not be compatible with some electric-assist bicycles if sensor/magnet distances cannot be met.

IPX6 Waterproof and Backlight

You can enjoy cycling even in rainy days



Image: Overview of the Hilceriy Bike Computer's multifunctional display, showing various data points such as current speed, average speed (AVS), odometer (ODO), temperature (TEMP), and clock.

What's Included

The Hilceriy Bike Computer package includes all necessary components for installation and immediate use:

- 1 x Bicycle Computer Unit
- 1 x Wired Sensor and Wire Bracket
- 1 x Magnet
- 5 x Cable Ties
- 1 x User Manual
- 1 x CR2032 Battery (pre-installed or included)

Multifunctional Bike Computer



Speedometer



Odometer



Backlight



Calories

Image: A visual representation of all items included in the Hilceriy Bike Computer package, such as the main unit, sensor, magnet, mounting accessories, and user manual.

SETUP AND INSTALLATION

Follow these steps to properly install your Hilceriy Bike Computer:

- 1. Mount the Bracket:** Securely attach the handlebar mounting bracket to your bicycle's handlebar using the provided cable ties. Ensure it is positioned for easy viewing.
- 2. Install the Computer Unit:** Slide the Hilceriy Bike Computer unit onto the mounted bracket until it clicks into place.
- 3. Attach the Sensor:** Mount the wired sensor to the front fork of your bicycle using cable ties. Position it so that the sensor's detection area faces the wheel spoke.
- 4. Position the Magnet:** Attach the magnet to a spoke on your front wheel. The magnet should pass closely by the sensor with each wheel rotation. Ensure the gap between the magnet and the sensor is minimal (typically less than 5mm) for accurate readings.
- 5. Route the Wire:** Carefully route the sensor wire along the fork and frame, securing it with cable ties to prevent it from interfering with moving parts or getting caught.
- 6. Initial Setup (Tire Size):** After installation, you will need to set the tire circumference for accurate speed and distance

measurements. Refer to the manual for a tire circumference chart. Access the setting mode by pressing the "SET" button. Use "MODE" to adjust values and "SET" to confirm. *Note: Some users have reported issues with saving tire size settings; ensure you follow the manual's instructions precisely.*



Image: A step-by-step guide illustrating the installation process of the bike computer, from mounting the handlebar bracket to positioning the wheel magnet and sensor.

OPERATING INSTRUCTIONS

The Hilceriy Bike Computer is designed for intuitive operation. Here's how to use its main functions:

Button Functions:

- **"SET" Button:** Used to enter setting modes, confirm selections, and navigate through settings.
- **"MODE" Button:** Used to switch between different display modes (e.g., Speed, Distance, Time, Calories, Temperature) and to adjust values during settings.

Display Modes:

Press the "MODE" button to cycle through the various data displays:

- **SPEED:** Current riding speed (KM/H).
- **DST:** Single trip distance.
- **TM:** Riding time for the current trip.
- **AVS:** Average speed.
- **MXS:** Maximum speed.
- **ODO:** Total accumulated distance (Odometer).
- **CAL:** Calories burned.
- **TEMP:** Current ambient temperature.
- **CLOCK:** Current time.

Backlight Activation:

To activate the backlight, simultaneously press the "SET" and "MODE" keys. The backlight will remain on for a set period or until manually turned off. This feature is particularly useful for night riding or in dimly lit environments.



Day Mode

Night Mode

Image: Comparison of the bike computer's display in bright daylight and with the backlight activated for night visibility.

Auto Wake-up:

The device automatically enters sleep mode after 3 minutes of inactivity to conserve battery. It will automatically wake up and resume tracking when it detects movement or when any button is pressed.

SPECIFICATIONS

Feature	Detail
Brand	Hilceriy
Model Number	2024
Product Dimensions	2.11 x 5.84 x 4.5 cm
Item Weight	82 g
Colour	Red
Display Size	2.1 Inches
Display Type	LCD
Material	Plastic
Connectivity Technology	Wired
Sensor Type	Speed Sensor
Battery Type	1 x CR2032 (included)
International Protection Rating	IPX6

MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your Hilceriy Bike Computer:

- **Cleaning:** Wipe the display and unit with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as they may damage the plastic or screen.
- **Battery Replacement:** The unit uses one CR2032 battery. When the display becomes dim or functions become erratic, it's time to replace the battery. Open the battery compartment on the back of the unit (usually by rotating the cover counter-clockwise) and replace the old battery with a new CR2032, ensuring correct polarity. Close the compartment securely.
- **Sensor and Magnet Check:** Periodically check that the sensor and magnet are securely attached and that the gap between them remains minimal. Loose components can lead to inaccurate readings.
- **Wire Inspection:** Inspect the wired connection for any signs of wear, fraying, or damage. Ensure the wire is securely fastened along the bike frame to prevent snagging.
- **Storage:** If storing the bike for an extended period, consider removing the computer unit to protect it from extreme temperatures or potential theft.

TROUBLESHOOTING

If you encounter issues with your Hilceriy Bike Computer, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
No Speed/Distance Reading (Display shows 0 KM/H)	◦ Magnet/Sensor Alignment: Ensure the magnet on the spoke passes directly in front of the sensor. The gap should be very small (typically less than 5mm). Adjust their positions. ◦ Loose Connection: Check if the wired connection from the sensor to the computer unit is secure. ◦ Damaged Wire/Sensor: Inspect the wire for cuts or damage. If damaged, the sensor may need replacement. ◦ Battery: Low battery can cause erratic readings or no display. Replace the CR2032 battery.
Inaccurate Speed/Distance	◦ Incorrect Tire Circumference: The most common cause. Re-enter the correct tire circumference value in the settings. Refer to the manual's chart for accurate values. ◦ Magnet/Sensor Gap: If the gap is too large, signals might be missed, leading to under-reporting. Reduce the gap.
Display is Dim or Blank	◦ Battery Depleted: Replace the CR2032 battery. ◦ Auto Sleep Mode: The unit may be in sleep mode. Touch the screen or start cycling to wake it up.
Cannot Save Tire Size Setting	◦ Incorrect Procedure: Ensure you are pressing the "SET" button to confirm and save the value after adjusting it. Follow the manual's specific steps for setting parameters.

WARRANTY AND SUPPORT

Hilceriy products are manufactured with quality and reliability in mind. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance, or inquiries regarding your Hilceriy Bike Computer, please contact Hilceriy customer service through the retailer where you purchased the product or refer to the contact information provided on the product packaging or official Hilceriy website (if available).

We are committed to providing excellent service and support for our products.

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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.

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