Maclean MCE310

Maclean MCE310 Wireless Bicycle Computer User Manual

Model: MCE310 | Brand: Maclean

Introduction

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your Maclean MCE310 Wireless Bicycle Computer. This high-quality device offers up to 16 functions to enhance your cycling experience, whether for daily commutes or competitive rides. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

Product Overview

Key Features:

- High-quality wireless bicycle computer with 16 functions.
- Wireless connectivity for easy installation.
- Simple and intuitive operation with two buttons.
- Large, easy-to-read LCD display with backlight.
- Adjustable wheel circumference setting for accurate readings.
- Automatic On/Off function to conserve battery.

Included Components:



Figure 1: Maclean MCE310 Wireless Bicycle Computer components.

- Bicycle Computer Unit (MCE310)
- Wireless Speed Sensor
- Wheel Magnet
- Mounting Bracket
- Zip Ties for installation
- CR2 Batteries (for computer and sensor)
- User Manual (this document)

Setup and Installation

1. **Install Batteries:** Insert the provided CR2 batteries into both the bicycle computer unit and the wireless speed sensor, observing polarity.
2. **Mount the Sensor:** Attach the wireless speed sensor to the front fork of your bicycle using the provided zip ties. Ensure it is securely fastened.
3. **Attach the Magnet:** Secure the wheel magnet to a spoke on your front wheel. Position the magnet so that it passes within 5mm of the speed sensor when the wheel rotates.
4. **Mount the Computer:** Attach the mounting bracket to your handlebar or stem using the zip ties. Slide the bicycle computer unit onto the mounting bracket until it clicks into place.
5. **Initial Settings:**
    - **Wheel Circumference:** Power on the computer. Press the 'SET' button to enter the settings mode. Use the 'MODE' button to adjust the wheel circumference value according to your tire size (refer to your tire's sidewall or a wheel circumference chart). Press 'SET' to confirm.
    - **Unit Selection:** Select your preferred unit of speed (MPH or KM/H) and distance (Miles or Kilometers).
    - **Clock Setting:** Set the current time (24H format).



Figure 2: Maclean MCE310 Wireless Bicycle Computer mounted and displaying data.

Operating Instructions

The Maclean MCE310 features two primary buttons: 'SET' and 'MODE'.

- **MODE Button:** Press to cycle through the various display functions (e.g., Current Speed, Trip Distance, Total Distance, Trip Time, Average Speed, Max Speed, Calories, Fat-Burn, Temperature, Clock, Stop Watch).
- **SET Button:** Used to enter and confirm settings. In normal display mode, a long press of the 'SET' button may activate backlight or reset certain trip data.

Functions Overview:



Figure 3: Display and list of available functions.

1. Current Speed (SPD)
2. 24H Clock (CLK)
3. Scan Function (cycles through data automatically)
4. Stop Watch (STW)
5. Trip Distance (DST)
6. Total Distance (ODO)
7. Trip Time (TM)
8. Average Speed (AVS)
9. Max. Speed (MXS)
10. Calories (CAL)
11. Fat-Burn (FAT)
12. Temperature (TEP)
13. Speed Tendency (indicator for increasing/decreasing speed)
14. Maintenance Reminder
15. Backlight
16. Auto On/Off

For specific operations like resetting trip data or activating the backlight, refer to the detailed instructions provided in the original packaging or experiment with short and long presses of the 'SET' and 'MODE' buttons.

Maintenance

- **Cleaning:** Wipe the computer unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** When the display becomes dim or erratic, replace the CR2 batteries in both the computer unit and the sensor. Ensure proper polarity.
- **Storage:** If not using the computer for an extended period, remove the batteries to prevent leakage. Store in a cool, dry place.
- **Water Resistance:** The device is designed to withstand light rain, but it is not fully waterproof. Avoid submerging it in water.

Troubleshooting

Problem	Possible Cause	Solution
No display or dim display	Low or dead battery; incorrect battery installation.	Replace batteries in both computer and sensor; ensure correct polarity.
No speed reading	Sensor/magnet misalignment; sensor too far from magnet; dead sensor battery.	Adjust sensor and magnet to be within 5mm; replace sensor battery.
Incorrect speed/distance	Incorrect wheel circumference setting.	Re-enter the correct wheel circumference in settings.
Intermittent readings	Interference; loose sensor/magnet; low battery.	Check for strong electromagnetic interference; secure sensor/magnet; replace batteries.

Specifications

Model	MCE310

Dimensions (Computer Unit)	40 x 63 x 17 mm
Weight (Computer Unit)	28.7 g
Display Type	LCD
Connectivity	Wireless
Main Material	Plastic
Battery Type	CR2 (1 for computer, 1 for sensor)
Functions	16 functions (SPD, CLK, Scan, STW, DST, ODO, TM, AVS, MXS, CAL, FAT, TEP, Speed Tendency, Maintenance Reminder, Backlight, Auto On/Off)

Warranty and Support

For warranty information, please refer to the documentation included with your purchase or contact your retailer. For technical support or further assistance, please visit the official Maclean website or contact their customer service department.

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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.

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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.

Submit question