MACH Mach Bike Computer 14

MACH 14-Function Wired Bicycle Cyclocomputer User Manual

Model: Mach Bike Computer 14 (8467)

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of the MACH 14-Function Wired Bicycle Cyclocomputer, model Mach Bike Computer 14. This device is designed to help cyclists track various performance metrics accurately. Please read this manual thoroughly before using the cyclocomputer to ensure proper setup and functionality.

This image displays the MACH 14-Function Wired Bicycle Cyclocomputer unit. It features a clear LCD screen showing '0.0 Km/h' for speed and '0:00:00' for time, along with 'Avs' and 'TM' indicators. Below the screen are two control buttons labeled 'SET' and 'MODE'.

2. Package Contents

Upon opening the package, please verify that all components are present:

- MACH 14-Function Cyclocomputer Unit
- Wired Speed Sensor
- Wheel Magnet
- Mounting Bracket with Cable
- Cable Ties for installation
- User Manual (this document)

3. Setup and Installation

3.1. Mounting the Cyclocomputer

1. Attach the mounting bracket to your bicycle's handlebar or stem using the provided cable ties. Ensure

it is securely fastened and positioned for easy viewing.

2. Slide the cyclocomputer unit onto the mounting bracket until it clicks into place.

3.2. Installing the Speed Sensor and Magnet

1. Mount the speed sensor on the front fork, ensuring it faces the wheel spokes. Use cable ties to secure it.
2. Attach the magnet to a spoke on the front wheel. Position the magnet so that it passes within 5mm of the speed sensor with each wheel rotation.
3. Route the sensor cable along the fork and frame, securing it with cable ties, to the cyclocomputer unit. Plug the sensor cable into the cyclocomputer.

3.3. Initial Settings: Wheel Circumference

Accurate speed and distance readings depend on correct wheel circumference input. Refer to your bicycle tire's sidewall for the circumference in millimeters (e.g., 2100mm for a 700x23c tire) or measure it manually.

1. Press the **SET** button to enter the setting mode.
2. The wheel circumference value will flash. Use the**MODE** button to adjust the digits.
3. Press **SET** to confirm each digit and move to the next.
4. Once the correct circumference is entered, press**SET** again to save and exit the setting mode.

4. Operating Instructions

The MACH 14-Function Cyclocomputer features two buttons: **SET** and **MODE**. The **MODE** button cycles through different display functions, while the **SET** button is used for configuration and resetting values.

4.1. Functions Overview

- **Real-time Speed (SPD):** Displays your current cycling speed.
- **Average Speed (AVS):** Shows the average speed of your current ride.
- **Maximum Speed (MXS):** Records the highest speed achieved during your current ride.
- **Elapsed Time (TM):** Tracks the duration of your current ride.
- **Total Distance (ODO):** Displays the cumulative distance traveled since the last reset of the odometer.
- **Partial Distance (DST):** Shows the distance covered in the current trip.
- **12/24h Conversion:** Allows selection between 12-hour and 24-hour clock formats.
- **Auto Start/Stop:** The cyclocomputer automatically starts recording when motion is detected and pauses when stationary.
- **Manual Start/Stop:** Provides an option to manually control the start and stop of recording.
- **Clock:** Displays the current time.
- **Km/Miles Unit Selection:** Switch between kilometers per hour (Km/h) and miles per hour (Mph) for speed and distance units.
- **LCD Auto-off:** The display automatically turns off after a period of inactivity to conserve battery.
- **SCAN Function:** Automatically cycles through various display functions (e.g., DST, MXS, AVS, TM) at regular intervals.
- **Wheel Circumference Setting:** (Refer to Section 3.3 for initial setup) This setting can be re-accessed to adjust the wheel circumference if needed.

4.2. Navigating Functions

Press the **MODE** button repeatedly to cycle through the available display functions. The current function will be indicated on the screen.

4.3. Resetting Values

To reset trip-specific values (e.g., Partial Distance, Average Speed, Maximum Speed, Elapsed Time), navigate to the desired function and press and hold the **SET** button for a few seconds until the value resets to zero.
Note: The Total Distance (ODO) is generally not reset through this method to maintain a cumulative record. Consult troubleshooting if an ODO reset is required.

5. Maintenance

- **Cleaning:** Wipe the cyclocomputer unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Water Resistance:** The unit is designed to be resistant to splashes and light rain. Avoid submerging it in water.
- **Battery Replacement:** When the display becomes dim or erratic, the battery may need replacement. Typically, this involves opening the battery compartment on the back of the unit and replacing the old battery with a new CR2032 coin cell battery. Ensure correct polarity.
- **Sensor and Magnet Check:** Periodically check that the speed sensor and magnet are securely mounted and properly aligned (within 5mm distance).

6. Troubleshooting

Problem	Possible Cause	Solution
No speed reading or erratic readings	• Sensor/magnet misalignment • Loose sensor cable connection • Dead battery	• Adjust sensor and magnet distance (within 5mm). • Ensure sensor cable is firmly plugged into the cyclocomputer. • Replace battery.
Incorrect speed/distance readings	• Incorrect wheel circumference setting	• Re-enter the correct wheel circumference (refer to Section 3.3).
Display is dim or blank	• Dead battery • LCD Auto-off activated	• Replace battery. • Press any button to wake up the display.

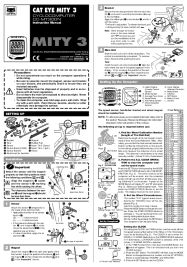
7. Specifications

Brand:	MACH
Model Name:	Mach Bike Computer 14
Model Number:	8467
Product Weight:	80 g

Package Dimensions:	25.6 x 21.2 x 3.8 cm
Display Type:	LCD
Sensor Type:	Speed Sensor (Wired)
Interface Input:	Buttons
ASIN:	B00P9I2SDK
GTIN (UPC):	08430525084674

Related Documents - Mach Bike Computer 14

	Cateye Kosmos CC-ST300 Cyclocomputer Operating Instructions Comprehensive operating manual for the Cateye Kosmos CC-ST300 bicycle computer, detailing setup, button functions, mounting, troubleshooting, maintenance, specifications, and warranty information.
	CAT EYE VELO 1 CC-VL100 Cyclocomputer Instruction Manual and Specifications Comprehensive guide for the CAT EYE VELO 1 CC-VL100 cyclocomputer, covering installation, operation, troubleshooting, specifications, and warranty information.
	Cateye Tomo CC-ST200 Cyclocomputer User Manual Comprehensive user manual for the Cateye Tomo CC-ST200 cyclocomputer, detailing setup, operation, maintenance, troubleshooting, specifications, and warranty information.
	CATEYE MITY2 CC-MT200 Cyclocomputer User Manual Comprehensive user manual for the CATEYE MITY2 CC-MT200 cyclocomputer, covering installation, operation, features like speed, distance, and time tracking, troubleshooting, and specifications.
	Sunding SD-201A Bicycle Computer User Manual Comprehensive guide to the Sunding SD-201A bicycle computer, covering its 21 functions, installation, settings, and troubleshooting.

	[Cat Eye Mity 3 Cyclocomputer CC-MT300N Instruction Manual] Comprehensive instruction manual for the Cat Eye Mity 3 CC-MT300N cyclocomputer, covering setup, operation, maintenance, and troubleshooting.