MEILAN MLBCM2

MEILAN Oval GPS Bike Computer User Manual

Model: MLBCM2

1. INTRODUCTION

The MEILAN Oval GPS Bike Computer is a high-performance device designed to enhance your cycling experience by providing accurate real-time data and tracking capabilities. Featuring a high-sensitivity GPS chip, Bluetooth, and ANT+ compatibility, it supports various external sensors to offer comprehensive cycling metrics. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your device.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- GPS Bike Computer (1 unit)
- Bike Computer Adapter Base (1 unit)
- Charger Cable (1 unit)
- User Manual (1 unit)
- Bike Computer Out Front Mount (1 unit)

3. SETUP

3.1 Mount Installation

The MEILAN Oval GPS Bike Computer can be installed in various positions on your bicycle. Choose the most suitable mounting method for your preference and bike type.

The bike computer mounted on a handlebar, providing a clear view for the rider.

Diagram illustrating two common installation positions: on the stem and out-front on the handlebar for optimal viewing.

3.2 Initial Setup (without app)

You can configure the basic settings of your MEILAN Oval GPS Bike Computer directly on the device without needing the app. This video demonstrates the process:

Official video guide on how to set up the MEILAN Oval GPS Bike Computer directly on the device, covering initial power-on, time zone, weight, sound, altitude, and odometer settings.

Key steps from the video:

1. **Power On:** Hold the left-side button to power on the device. Press the left-side button briefly to turn on the backlight.
2. **Enter Setting Mode:** Long press the left-side button to enter the setting mode.
3. **Navigate Settings:** Use the middle button to change data and the right button to scroll forwards through functions. Use the left button to scroll backwards.
4. **Set GMT (Time Zone):** Adjust the time zone to your local time.
5. **Set WT (Weight):** Input your weight for accurate calorie calculation.
6. **Turn On/Off Sound:** Toggle the device sound.
7. **Set ALTI (Altitude):** Manually set the current altitude if needed.
8. **Set ODO (Odometer):** Set the initial odometer reading.
9. **Save Settings:** Long press the left button to save and complete the OVAL setting if no sensors are to be connected.

3.3 Pairing Sensors

The MEILAN Oval GPS Bike Computer supports BLE 4.0 and ANT+ dual-mode wireless connections, allowing it to pair with various external sensors for more comprehensive data.

The bike computer is compatible with various external sensors, including speed, cadence, heart rate monitors, and power meters, via Bluetooth and ANT+.

To pair a sensor (e.g., C1 speed/cadence sensor):

1. Ensure the sensor icons (speed, cadence, heart rate, power meter) are blinking on the computer screen.

2. Activate your sensor (e.g., rotate the wheel for a speed/cadence sensor).

3. Once paired, the corresponding icon on the screen will stop blinking.

4. To set the wheel circumference (WS), press the right button to enter the WS setting screen. Use the middle button to change the value and the right button to confirm.

5. If you have a second bike, you can pair and set its wheel circumference similarly. Otherwise, long press the left button to save and complete the setup.
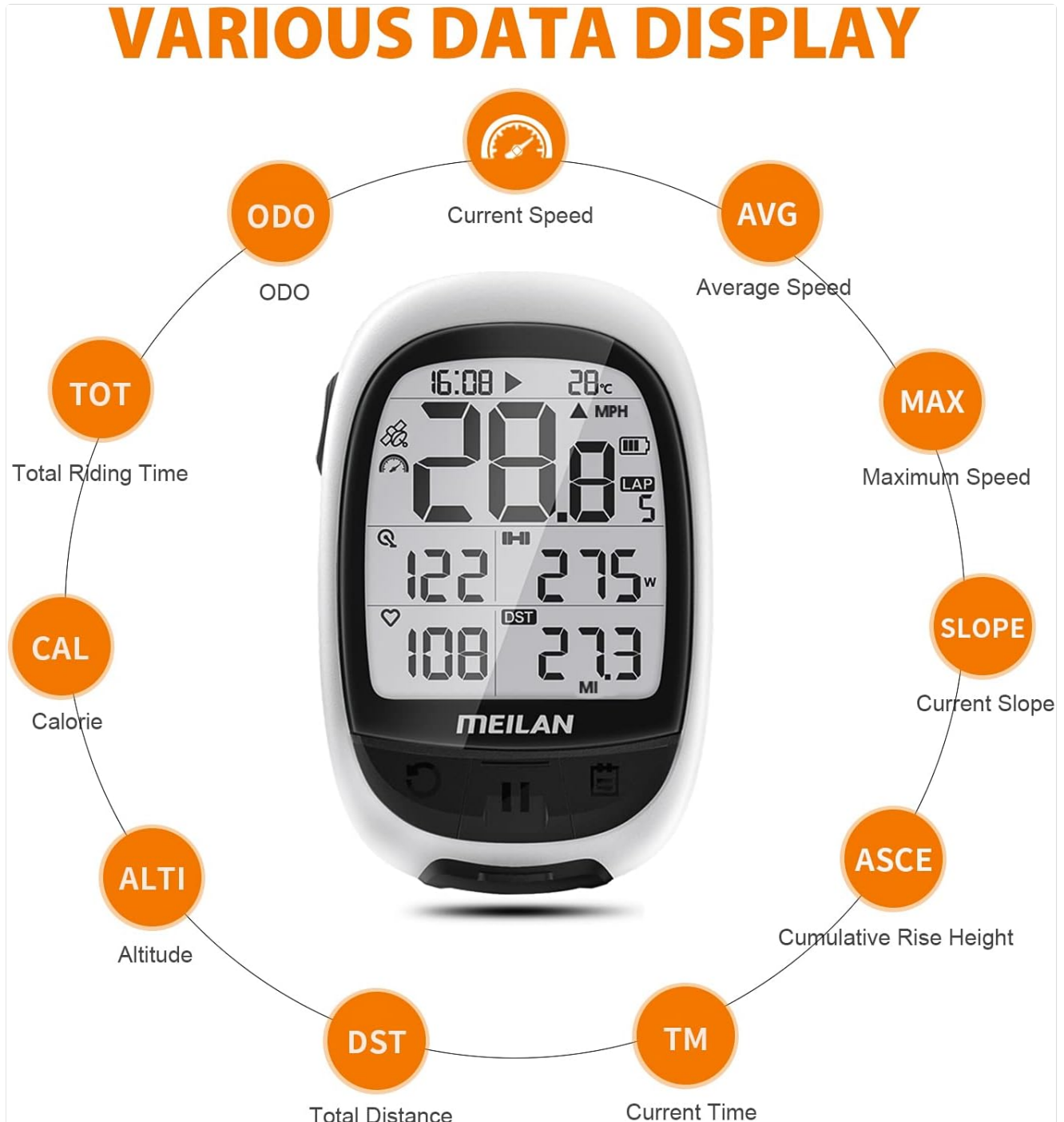
4. OPERATING INSTRUCTIONS

4.1 Basic Operation

The MEILAN Oval GPS Bike Computer features three main buttons for navigation and control:

- **Left Button (↻):** Power on/off, turn on backlight, scroll backwards in settings, save settings.
- **Middle Button ( ):** Change data values in settings, start/pause recording.
- **Right Button ( ):** Scroll forwards through functions, confirm selections, save cycle record.

4.2 Data Display

The device displays a variety of cycling data to help you monitor your performance:

The computer provides a comprehensive display of cycling metrics such as speed, distance, time, altitude, calories, and more.

- Current Speed (ODO)
- Average Speed (AVG)
- Maximum Speed (MAX)
- Current Slope (SLOPE)
- Cumulative Rise Height (ASCE)

- Total Distance (DST)
- Current Time (TM)
- Calories (CAL)
- Total Riding Time (TOT)
- Altitude (ALTI)

4.3 GPS Positioning

The MEILAN Oval GPS Bike Computer features a built-in high-sensitivity GPS chip that supports GPS, BEIDOU, and GLONASS global positioning systems for accurate location tracking and route recording.

The device utilizes multiple global positioning systems for fast and accurate location tracking.
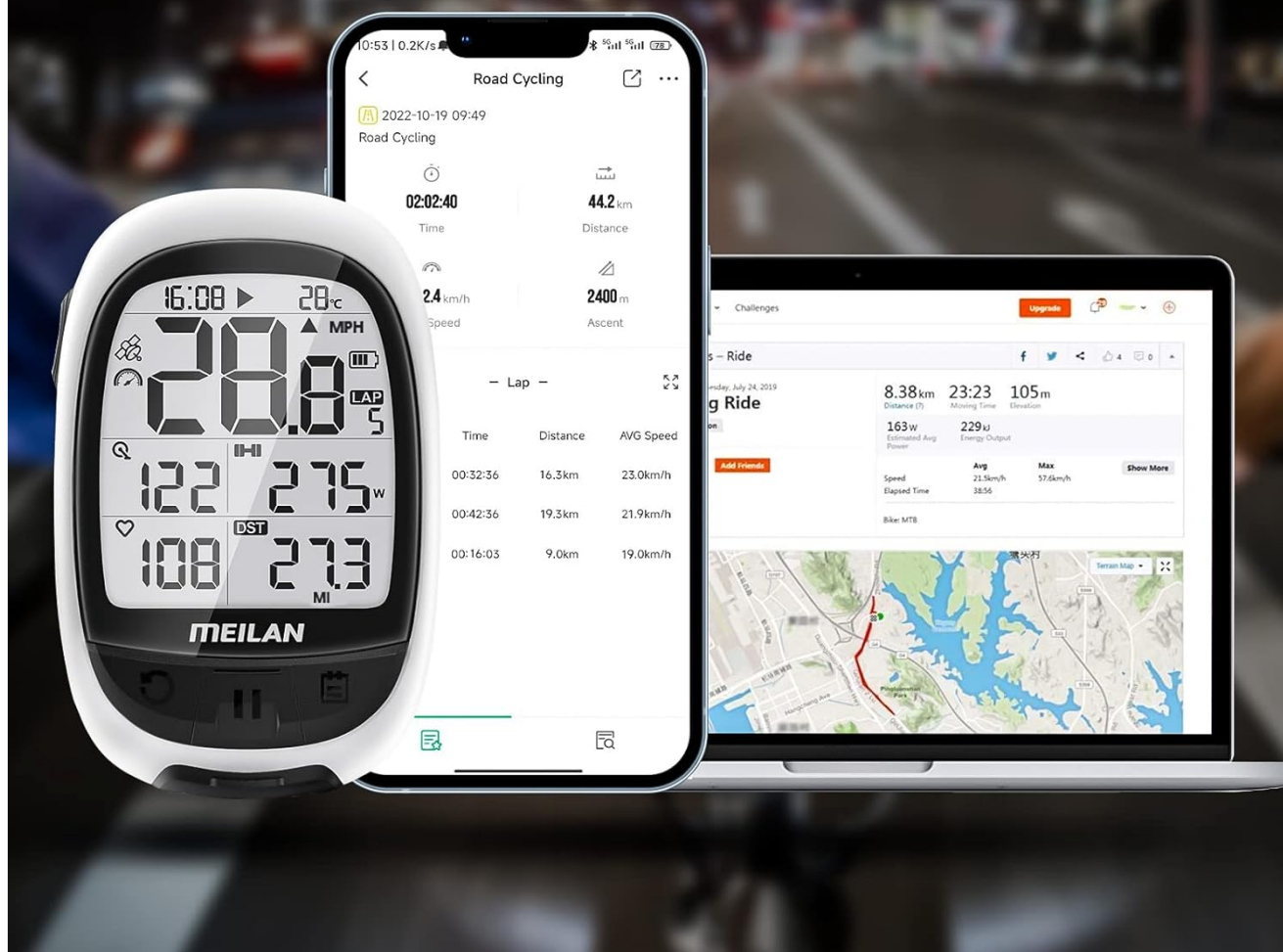
Before starting your ride, ensure you are in an open, barrier-free area to allow the device to acquire a GPS signal. Once GPS positioning is successful, press the middle button to start recording your ride. You can save a cycle record by long pressing the right button; the next cycle will start from zero.

4.4 App Integration

The MEILAN Oval GPS Bike Computer can be easily managed and its data analyzed using the MEILAN APP (or Navihood app, as specified in some product versions). This allows for convenient setup and data synchronization.

Cycling data can be uploaded and shared to platforms like Strava and Komoot via the MEILAN APP on your smartphone.

With the MEILAN APP, you can:

- Quickly set time zone, altitude, and odometer.
- Easily connect the app or the OVAL device with sensors.
- View data at a glance while riding.
- Upload and analyze your cycling data.

Up to 150 hours of riding data can be recorded and uploaded to Strava & Komoot via the MEILAN APP for detailed analysis and sharing.

5. MAINTENANCE

5.1 Battery Charging

The device is equipped with a 900mAh rechargeable battery, providing up to 25 hours of runtime. Use the provided charger cable to recharge the device. Ensure the device is fully charged before long rides.

The device features a long-lasting rechargeable battery for extended use.

5.2 Water Resistance

The MEILAN Oval GPS Bike Computer has an IPX5 waterproof rating, meaning it is protected against low-pressure water jets from any direction. This ensures it can be used on small rainy days without damage. However, it is not designed for submersion.

Waterproof Dampproof Dustproof

The device is designed to be waterproof, dampproof, and dustproof, suitable for various weather conditions.

5.3 Cleaning

To clean the device, wipe it with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the screen or casing.

6. TROUBLESHOOTING

If you encounter issues with your MEILAN Oval GPS Bike Computer, please refer to the following common solutions:

- **No GPS Signal:** Ensure you are in an open area with a clear view of the sky. Wait a few minutes for the device to acquire a signal.
- **Sensor Not Pairing:** Check that the sensor's battery is not depleted and that it is properly activated (e.g., rotate the wheel for speed/cadence). Ensure the sensor is within range of the bike computer.
- **Incorrect Data:** Verify that the wheel circumference and other settings are correctly entered in the device.

6.1 How to Restore Factory Settings

If you experience persistent issues or wish to clear all data and settings, you can restore the device to its factory default settings. This process will delete all recorded data.

Official video guide demonstrating how to restore the MEILAN Oval GPS Bike Computer to factory settings, which deletes all data and resets the unit to default.

Steps to restore factory settings:

1. Hold the left-side switch button and the right button at the same time for about 4 seconds.
2. The screen will display "RESTORE YES NO".
3. Press the left button for "YES" to confirm restoration, or the right button for "NO" to cancel.

7. SPECIFICATIONS

Feature	Specification
Brand	MEILAN
Model Number	MLBCM2
Color	White
Item Weight	0.13 Pounds
Screen Size	2.4 Inches
Display Type	LCD
Battery Life	Up to 25 Hours
Sensor Type	Can be Connected with Speed Sensor, Cadence Sensor, Heart Rate Monitor and Power Meter
Battery Cell Composition	Lithium Ion
Connectivity Technology	Bluetooth, ANT
International Protection Rating	IPX5
Mounting Type	Handlebar / Stem Mount
Human Interface Input	Buttons
Material	ABS

8. WARRANTY AND SUPPORT

MEILAN provides a one-year warranty for this product. For any questions or issues encountered during use, please

contact the seller directly via email. Our customer service team is committed to providing the best solution. Additional support benefits include:

- 24-Hour Quick Reply
- 30-Day Exchange or Return Policy
- 12-Month One-Year Warranty
- Lifetime After-Sales Service

Related Documents - MLBCM2

	[Meilan M1 GPS Cycling Computer User Manual](#) Comprehensive user manual for the Meilan M1 GPS cycling computer, covering setup, features, functions, training management, connectivity with apps like Komoot, device parameters, and warranty information.
	[MEILAN OVAL GPS Core Bike Computer: Quick User Guide](#) Comprehensive guide to the MEILAN OVAL GPS Core Bike Computer, covering installation, setup, sensor pairing, data recording, app connection, charging, parameters, and safety information.
	[MEILAN M3 GPS Bike Computer User Guide and FAQ](#) A comprehensive guide and frequently asked questions for the MEILAN M3 GPS Bike Computer, covering setup, features, and troubleshooting.
	[MEILAN Core GPS OVAL Bicycle Computer User Manual](#) Comprehensive user manual for the MEILAN Core GPS OVAL bicycle computer, detailing installation, setup, sensor pairing, button operations, data management, and safety guidelines.
	[MEILAN M3 Wireless Bike Computer Instruction Manual](#) This manual provides comprehensive instructions for the MEILAN M3 Wireless Bike Computer, covering setup, operation, GPS functionality, battery management, specifications, and safety guidelines for cyclists.

[MEILAN M3 Mini GPS Bike Computer Setup Guide](#)

A concise guide to setting up the MEILAN M3 Mini GPS Bike Computer, covering power on, setting mode, time zone, units, and initial odometer input.