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MEILAN M2

MEILAN Oval GPS Bike Computer M2 User Manual

Model: M2

1. INTRODUCTION

This manual provides detailed instructions for the MEILAN Oval GPS Bike Computer M2. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience. The M2 is a wireless, Bluetooth, and ANT+ compatible cycling computer designed to track various cycling metrics.



2. PACKAGE CONTENTS

Verify that all items are present in your package:

- MEILAN Oval GPS Bike Computer M2
- Bike Mount (Standard and Out-front)
- USB Charging Cable
- Instruction Manual (this document)

3. DEVICE OVERVIEW

The MEILAN M2 features a 2.4-inch LCD backlight display, offering clear visibility in various lighting conditions. It supports GPS for accurate positioning and can connect to external sensors via Bluetooth and ANT+.



Image 3.1: The MEILAN M2 features an adjustable backlight for visibility in diverse lighting environments.

4. SETUP AND INSTALLATION

4.1 Charging the Device

Before first use, fully charge the device using the provided USB cable. Connect the cable to the charging port on the M2 and a standard USB power source. A full charge typically takes a few hours.

4.2 Mounting the Bike Computer

The MEILAN M2 offers two primary installation positions: on the handlebar or on the stem. Use the appropriate mount and secure it firmly to your bicycle.



Image 4.1: Illustration of handlebar and stem mounting options for the MEILAN M2.

4.3 Initial Device Settings

Upon first power-on, you will be prompted to set basic parameters such as language, time zone, and Odometer (ODO) value. Follow the on-screen instructions to configure these settings.

4.4 Connecting to the MEILAN App

Download the official MEILAN app from your smartphone's app store. The app allows for quick setup of time zone, altitude, and ODO. It also facilitates viewing data at a glance and uploading/analyzing cycling data.

EASY TO USE VIA MEILAN APP

- ✓ Quickly set time zone, altitude, ODO and etc
- ✓ Easy connect APP or OVAL with sensors
- ✓ View data at a glance while riding
- ✓ Upload and analyze your cycling data

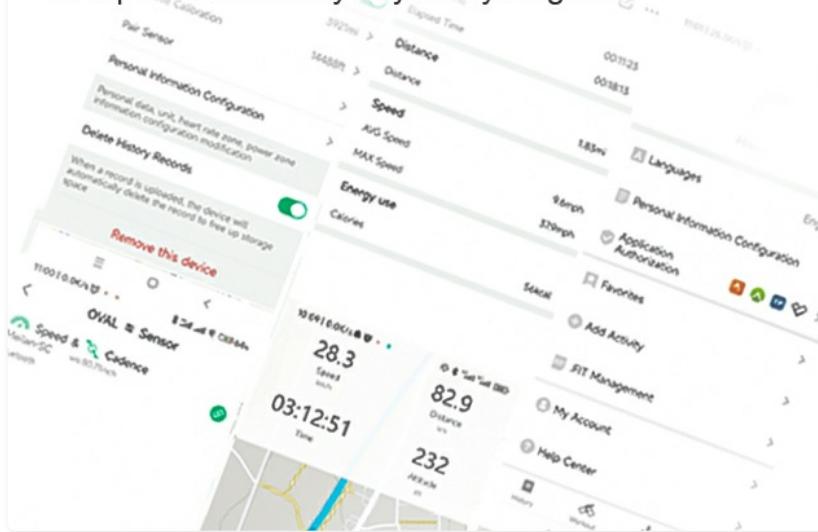


Image 4.2: The MEILAN app simplifies device configuration and data management.

4.5 Pairing External Sensors

The MEILAN M2 is compatible with BLE (Bluetooth Low Energy) and ANT+ sensors. This includes heart rate monitors, speed sensors, cadence sensors, and power meters. To pair a sensor:

1. Ensure the sensor is active and within range.
2. Navigate to the sensor pairing menu on your M2 device.
3. Select the sensor from the list of available devices.
4. Confirm pairing.

COMPATIBLE WITH BLE ANT+ SENSORS

Not only supports MEILAN brand sensors, but also works well with other brands of sensors via Bluetooth/ANT+.



Image 4.3: The M2 supports connectivity with a range of external cycling sensors.

5. OPERATING INSTRUCTIONS

5.1 Basic Navigation

The device features intuitive buttons for navigation. Refer to the on-screen prompts for specific functions during your ride.

5.2 GPS Functionality

The MEILAN M2 utilizes fast global positioning for accurate tracking of your route, speed, and distance. It also supports global offline navigation, allowing you to follow pre-loaded routes without an internet connection.

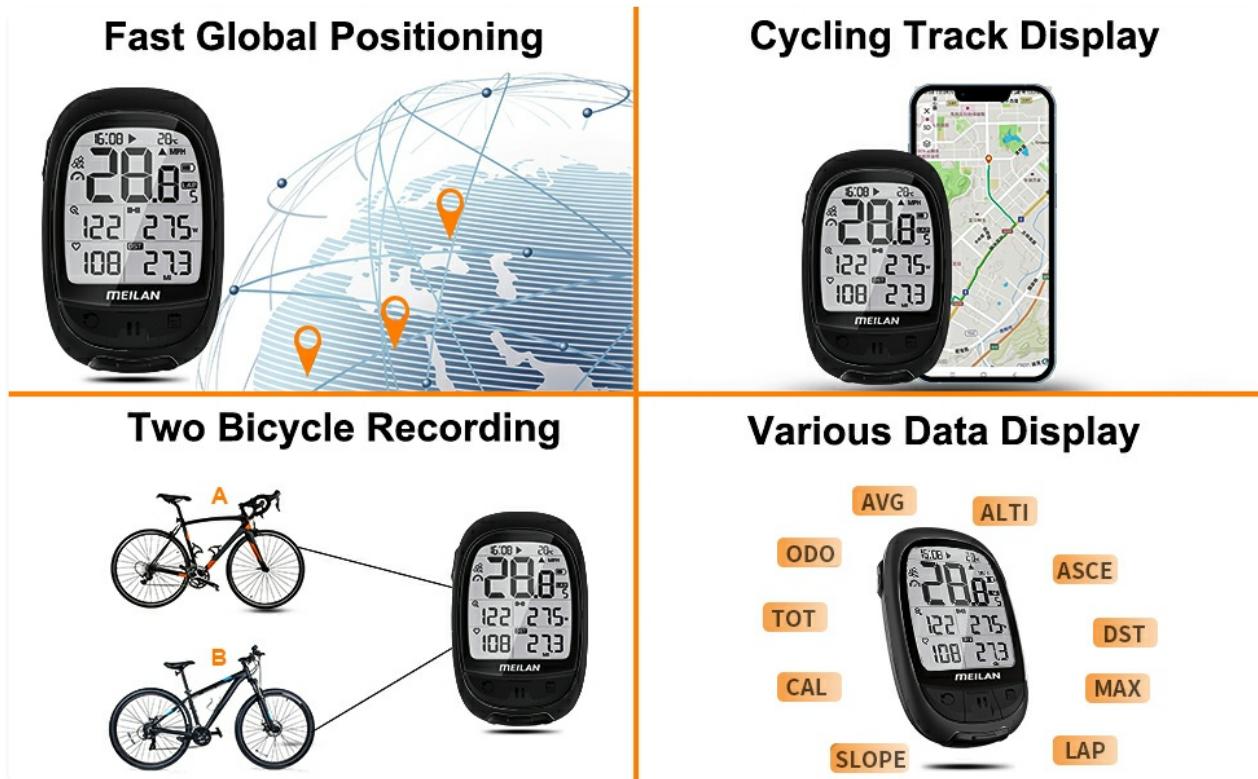


Image 5.1: Key features of the MEILAN M2, including GPS, track display, and multi-bike support.

5.3 Data Display and Customization

The M2 can display a variety of cycling data, including speed, distance, altitude, cadence, heart rate, power, calories, and more. You can customize the data fields to show the information most relevant to your ride.

5.4 Data Synchronization and Analysis

After your ride, you can synchronize your data with the MEILAN app. From the app, you can upload your activities to popular sport websites like Strava, Komoot, and TrainingPeaks for detailed analysis and sharing. Data can also be uploaded to your computer via USB cable.

DATA UPLOADED AND SHARED

Cycling activities can be saved and shared to Strava & Trainingpeaks via MEILAN APP, or upload the file to your computer by USB cable.



Image 5.2: Data from the M2 can be uploaded and shared with various cycling platforms.

5.5 Indoor Training Compatibility

The MEILAN M2 is compatible with indoor training setups, allowing you to track your performance during indoor cycling sessions.

Your browser does not support the video tag.

Video 5.1: This video demonstrates the features of a smart GPS cycling computer, including battery life, fast GPS positioning, 2.4-inch display, global offline navigation, custom data display, 3D replay, IPX7 waterproofing, and indoor training compatibility. Note: While the video is from XOSS, the features shown are relevant to the MEILAN M2's capabilities.

6. MAINTENANCE

6.1 Cleaning

Wipe the device with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners, as they may damage the screen or casing.

6.2 Battery Care

The MEILAN M2 has a rechargeable Lithium Polymer battery. For optimal battery life (up to 33+ hours), avoid extreme temperatures and fully charge the device regularly. If storing for an extended period, charge it to about 50%.



Image 6.1: The MEILAN M2 offers extended battery performance for long rides.

6.3 Water Resistance

The device is rated IPX5 for water resistance, meaning it can withstand splashes and light rain. Avoid submerging the device in water.



Image 6.2: The M2 is designed to withstand wet conditions during cycling.

7. TROUBLESHOOTING

7.1 Device Not Powering On

- Ensure the device is fully charged.
- Press and hold the power button for several seconds.

7.2 GPS Signal Issues

- Ensure you are in an open area with a clear view of the sky.
- Allow a few minutes for the device to acquire a GPS signal.
- Update the device firmware if available.

7.3 Sensor Connection Problems

- Check if the sensor's battery is charged.
- Ensure the sensor is active and correctly installed.
- Move the sensor closer to the bike computer.
- Re-pair the sensor through the device settings.

7.4 Data Not Syncing to App

- Ensure Bluetooth is enabled on your smartphone and the M2.
- Verify the MEILAN app is updated to the latest version.
- Restart both the device and your smartphone.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	8 x 5 x 2 cm
Item Weight	59 g
Batteries	1 Lithium Polymer battery (included)

Display Size	2.6 Inches (Note: Product title states 2.4 Inch, specifications state 2.6 Inches. Please refer to product packaging for exact size.)
Display Type	LCD
Connectivity Technology	ANT, Bluetooth
Sensor Type	GPS Sensor, Speed Sensor (external sensors supported)
International Protection Rating	IPX5

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The MEILAN Oval GPS Bike Computer M2 comes with a **12-month (One-Year) warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

MEILAN is committed to providing excellent customer service. For any inquiries, technical assistance, or warranty claims, please contact our support team. We offer:

- **24-Hour Quick Reply** for your questions.
- **30 Days Exchange or Return** policy.
- **Lifetime After-Sales Service**.

For support, please visit the official MEILAN website or contact the seller directly.