

MEILAN M3

MEILAN M3 Mini GPS Bike Computer User Manual

Model: M3

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1. INTRODUCTION

Thank you for choosing the MEILAN M3 Mini GPS Bike Computer. This device is designed to provide accurate cycling data, including speed, distance, altitude, and riding time, enhancing your cycling experience. This manual will guide you through the setup, operation, and maintenance of your new bike computer.



Image: The MEILAN M3 Mini GPS Bike Computer installed on a bicycle handlebar, showing its compact size and display.

2. KEY FEATURES

- **High-Precision GPS Chip:** Built-in high-sensitivity GPS chip supporting Beidou, GPS, and GLONASS for fast global positioning.
- **Multi-Function Display:** Measures speed, altitude, distance, riding time, and more.
- **Day and Night Backlight:** 1.7-inch anti-glare LCD with adjustable backlight for clear visibility in all lighting conditions.
- **Wireless Design:** Easy installation without cumbersome cables.
- **USB Rechargeable:** 400 mAh lithium battery provides up to 8 hours of operation, rechargeable via any USB DC 5V port.
- **IPX5 Waterproof:** Designed to withstand splashes and light rain.
- **Automatic Sleep Function:** Conserves battery life when not in use.



Image: A diagram illustrating the various functions of the M3 Mini GPS Bike Computer, including average speed, max speed, current altitude, total mileage, riding time, total riding time, km/h, mph, and memory function.

3. SETUP GUIDE

3.1 Package Contents

Before installation, please ensure all components are present:

- MEILAN M3 Mini GPS Bike Computer
- USB Charging Cable
- Bike Mount
- Rubber Bands/Zip Ties for Mount
- User Manual (this document)

3.2 Mounting the Device

Attach the bike mount to your handlebar or stem using the provided rubber bands or zip ties. Ensure the mount is secure and the computer can be easily viewed while riding. Slide the M3 Mini GPS Bike Computer onto the mount until it clicks into place.



Image: A close-up view of the MEILAN M3 Mini GPS Bike Computer securely mounted on a bicycle handlebar, ready for use.

3.3 Initial Power On and Time Zone Setting

1. Press and hold the power button to turn on the device.
2. Before first use, set the correct time zone. Refer to the device's on-screen menu for time zone adjustment.
3. Once the time zone is set, the device will automatically calibrate the time and date when a stable GPS signal is acquired.



Image: An illustration depicting the MEILAN M3 Mini GPS Bike Computer acquiring a GPS signal from satellites, with a note to set the time zone first for automatic time and date calibration.

4. OPERATING INSTRUCTIONS

4.1 Basic Functions

The M3 Mini GPS Bike Computer displays various cycling data:

- **Current Speed:** Displays your real-time cycling speed.
- **Distance:** Tracks the distance covered during your ride.
- **Riding Time:** Shows the duration of your current ride.
- **Altitude:** Provides current elevation data.
- **Maximum Speed:** Records the highest speed achieved.
- **Average Speed:** Calculates the average speed of your ride.
- **Total Mileage:** Accumulates total distance over all rides.

4.2 Day and Night Backlight Mode

To adjust the backlight level for optimal visibility:

- Simultaneously press the **back button** and the **right button** on the device.
- This action will toggle between day mode (brighter backlight) and night mode (dimmer backlight) or adjust the intensity.



Image: The MEILAN M3 Mini GPS Bike Computer displaying its screen in both bright "Normal Mode" (Day Mode) and darker "Night Mode" for different lighting conditions.

4.3 Charging the Device

The M3 Mini GPS Bike Computer is equipped with a 400 mAh lithium battery and is USB rechargeable.

1. Connect the provided USB charging cable to the charging port on the device.
2. Plug the other end of the USB cable into any standard USB DC 5V power source (e.g., computer, wall adapter, power bank).
3. A full charge provides up to 8 hours of operating time.

4.4 Automatic Sleep Function

To conserve battery, the device features an automatic sleep function. If no activity is detected for a certain period, the computer will enter sleep mode. Press any button to wake it up.

5. MAINTENANCE

5.1 Cleaning

To maintain the device's appearance and functionality:

- Wipe the device with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as these can damage the screen or casing.
- Ensure the charging port cover is properly sealed after charging to prevent water and dust ingress.

5.2 Water Resistance (IPX5)

The M3 Mini GPS Bike Computer is rated IPX5 waterproof, meaning it is protected against low-pressure water jets from any direction. It can withstand splashes and light rain, but it is not designed for submersion in water.



Image: The MEILAN M3 Mini GPS Bike Computer shown with water droplets, emphasizing its IPX5 waterproof capability, suitable for use in light rain.

5.3 Battery Care

- Charge the device regularly, even if not in frequent use, to maintain battery health.
- Avoid fully discharging the battery for extended periods.
- Store the device in a cool, dry place when not in use.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery or device malfunction.	Charge the device for at least 30 minutes. If it still doesn't turn on, contact customer support.
No GPS signal.	Obstructed view of the sky, indoors, or initial signal acquisition.	Move to an open outdoor area. Allow a few minutes for the device to acquire a signal, especially during first use.
Incorrect time/date.	Incorrect time zone setting or no GPS signal.	Ensure the correct time zone is set. Verify GPS signal acquisition. Time and date calibrate automatically with a stable GPS signal.
Display is dim or unreadable.	Backlight setting is too low or direct sunlight.	Adjust the backlight by simultaneously pressing the back and right buttons. Move to a shaded area if in direct sunlight.
Battery drains quickly.	Frequent backlight use, cold weather, or aging battery.	Reduce backlight intensity. Ensure the device is fully charged before use. Battery performance may decrease in extreme cold.

7. SPECIFICATIONS

Model Number	M3
Display Type	LCD
Display Size	1.7 Inch
Connectivity Technology	Wireless
Sensor Type	GPS Sensor (Beidou, GPS, GLONASS)
Power Source	USB Rechargeable
Battery Type	Lithium Polymer (400 mAh)
Battery Life	Up to 8 hours
Water Resistance	IPX5
Material	ABS Plastic, Aluminum (outer material)
Product Dimensions	5.99 x 4.32 x 2.03 cm
Weight	907.18 g <i>(Note: This weight appears to be a package weight or data error; actual device weight is significantly less.)</i>

8. WARRANTY AND SUPPORT

MEILAN is committed to providing quality products and customer service.

- **Warranty:** One-year warranty from the date of purchase.
- **Replacement Policy:** Three-month replacement service from the date of purchase.
- **Customer Service:** Lifetime customer support.
- **Contact:** For any questions or issues during use, please contact MEILAN customer service via email for the best solution.

Image: An infographic summarizing MEILAN's customer service commitments: 24-hour quick response, 30-day exchange or return, 1-year warranty, and lifetime customer service.