

MEILAN L1_B_DE

MEILAN Navihood L1 GPS Bike Computer User Manual

Model: L1_B_DE

1. INTRODUCTION

The MEILAN Navihood L1 is an advanced GPS bike computer designed to enhance your cycling experience with precise navigation, comprehensive data tracking, and extensive sensor compatibility. This manual provides detailed instructions for setting up, operating, and maintaining your device.

Key features include:

- Fast and accurate GPS positioning with multi-system support (GPS, GLONASS, GALILEO, Beidou, QZSS).
- Offline waypoint navigation and dynamic road planning.
- Compatibility with ANT+ and Bluetooth sensors (speed, cadence, heart rate, power, core temperature, Shimano Di2).
- Customizable display pages with up to 121 cycling data points.
- Data upload and sharing with platforms like Komoot, Strava, and TrainingPeaks.
- IPX7 waterproof rating for reliable performance in various weather conditions.

2. WHAT'S IN THE BOX

Upon unboxing your MEILAN Navihood L1, please ensure all components are present:

- GPS Bike Computer (1 unit)
- Mounting Bracket (1 unit)
- Rubber Bands (4 units)
- Charging Cable (1 unit)
- Anti-lost Rope (1 unit)





Image: The MEILAN Navihood L1 GPS Bike Computer with its mounting bracket, rubber bands, charging cable, and anti-lost rope.

3. SETUP

3.1 Charging the Device

Before first use, fully charge the MEILAN Navihood L1. Connect the provided charging cable to the device's USB-C port and to a USB power source. A full charge typically takes approximately 2-3 hours and provides up to 25 hours of battery life.



Image: A close-up view of the USB-C charging port, highlighting its modern design and ease of connection.

3.2 Mounting the Device

Attach the mounting bracket to your bicycle's handlebars or stem using the provided rubber bands. Ensure the bracket is securely fastened and the device clicks firmly into place when mounted. The device features an aluminum alloy base for enhanced stability and reliability.

Umfangreiche Gerätekompatibilität



Herzfrequenzmesser



Kerntempertursensor



CUTEYE Rücklicht



Geschwindigkeitssensor



Trittfrequenzsensor



Leistungsmesser

Image: The MEILAN Navihood L1 securely mounted on a bicycle handlebar, ready for use.



Image: A visual comparison illustrating the durability of the aluminum alloy mounting base compared to a plastic alternative, emphasizing its anti-drop feature.

3.3 Initial Power On and Language Selection

Press and hold the power button (usually located on the side or bottom) to turn on the device. Follow the on-screen

prompts to select your preferred language and set the time zone.



Image: The device display showing general settings, including options for auto turn-off, time zone, time format, and language selection.

4. OPERATING INSTRUCTIONS

4.1 GPS Positioning

The Navihood L1 features a dual-core chip processor and multi-module antenna, supporting GPS, GLONASS, GALILEO, Beidou, and QZSS for rapid and accurate positioning. Hot-start positioning can be achieved in as little as 5 seconds.

Schnelle Positionierung innerhalb von 5 Sekunden, GPS-Warmstart

Eingebauter verbesserter Dual-Chip-Navigationsalgorithmus, verbesserte Positionierungsleistung um 40% im Vergleich zu herkömmlichen Fahrradcomputer



Beidou



GLONASS



GPS



QZSS



GALILEO

Image: The MEILAN Navihood L1 screen showing current speed and distance, with graphical representations of the multiple satellite systems it utilizes for fast and precise positioning.



Image: A cyclist using the MEILAN Navihood L1, which shows navigation details, illustrating the device's capability to connect to five fast and precise positioning systems for real-time data.

4.2 Navigation Features

The device supports offline waypoint navigation. You can create routes with up to 30 waypoints via the MEILAN app and send them to the L1. It provides dynamic road planning and real-time turn-by-turn directions.



Image: The MEILAN Navihood L1 screen showing intelligent route navigation, with a map indicating the current position and upcoming turns, capable of storing over 3500 kilometers of cycling routes.



Image: The MEILAN Navihood L1 displaying a route deviation warning, indicating that the user is off course and providing a visual cue to return to the planned route.



Image: The MEILAN Navihood L1 displaying a map with a planned route, showing points A and B, and the current position, indicating active navigation.

4.3 Data Display and Customization

The device allows for extensive customization of display pages, enabling you to select up to 121 different cycling data points. This includes speed, distance, time, cadence, heart rate, power, and more.

Benutzerdefinierte Anzeigeseite

Sie können bis zu **121** Fahrdaten auswählen



Image: The MEILAN Navihood L1 screen showing a user-defined display page with various cycling data points such as speed, time, distance, cadence, heart rate, and power, demonstrating the ability to customize up to 121 data fields.



Image: A smartphone screen displaying the MEILAN app interface, which allows users to sort and drag data fields to customize the display pages on the Navihood L1 device.

4.4 Sensor Compatibility

The Navihood L1 supports connection to a wide range of sensors via Bluetooth or ANT+, including speed sensors, cadence sensors, heart rate monitors, power meters, core temperature sensors, and Shimano Di2. It is also compatible with the CUTEYE taillight for real-time turn signals based on navigation direction.

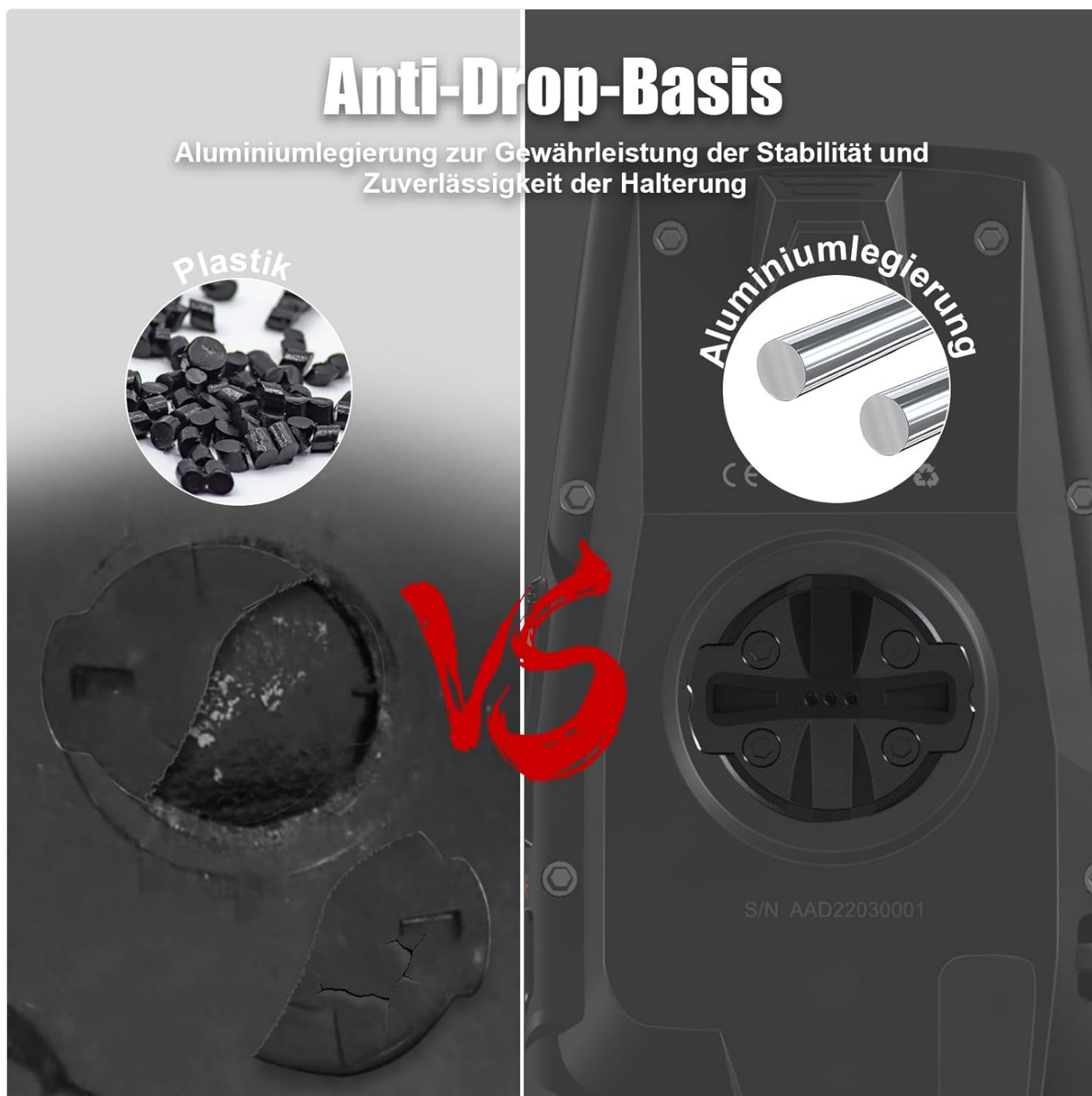


Image: A diagram illustrating the extensive device compatibility of the MEILAN Navihood L1, showing connections to a heart rate monitor, core temperature sensor, CUTEYE taillight, speed sensor, cadence sensor, and power meter via Bluetooth and ANT+.



Image: A cyclist on a road bike, with various sensors (heart rate monitor, core temperature sensor, CUTEYE taillight, speed sensor, cadence sensor, power meter, and Shimano Di2) highlighted as compatible with the MEILAN Navihood L1.

4.5 Training Aids and Alerts

The L1 offers 7 riding modes, a drinking water reminder, automatic segmentation, automatic page turning, training goal setting, and virtual opponent features to optimize your training performance.



Image: The MEILAN Navihood L1 displaying an alarm menu, showing options to set alerts for maximum speed, cadence, heart rate, power, and a reminder to drink water, aiding in training and performance.

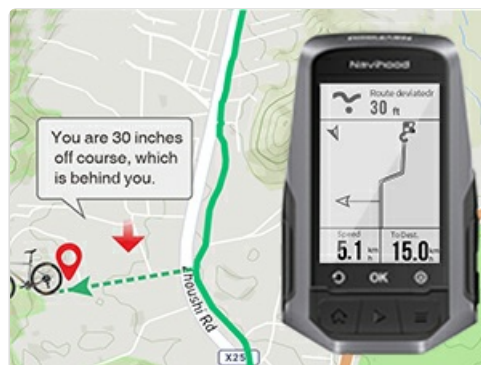


Image: The MEILAN Navihood L1 displaying a "You win it!" message after a virtual opponent race, indicating successful completion of a training goal.

4.6 MEILAN App Integration

The MEILAN app allows you to review and download your ride routes as 3D track videos, save them to your phone, or share them. Your cycling data can also be uploaded, synchronized, and shared with Komoot, Strava, TrainingPeaks, and the MEILAN community.

Hochladen, Synchronisieren und Teilen von Daten



Image: A visual representation of data upload, synchronization, and sharing, showing the MEILAN app connecting to Strava, Komoot, and TrainingPeaks, with the Navihood L1 device and a computer display.

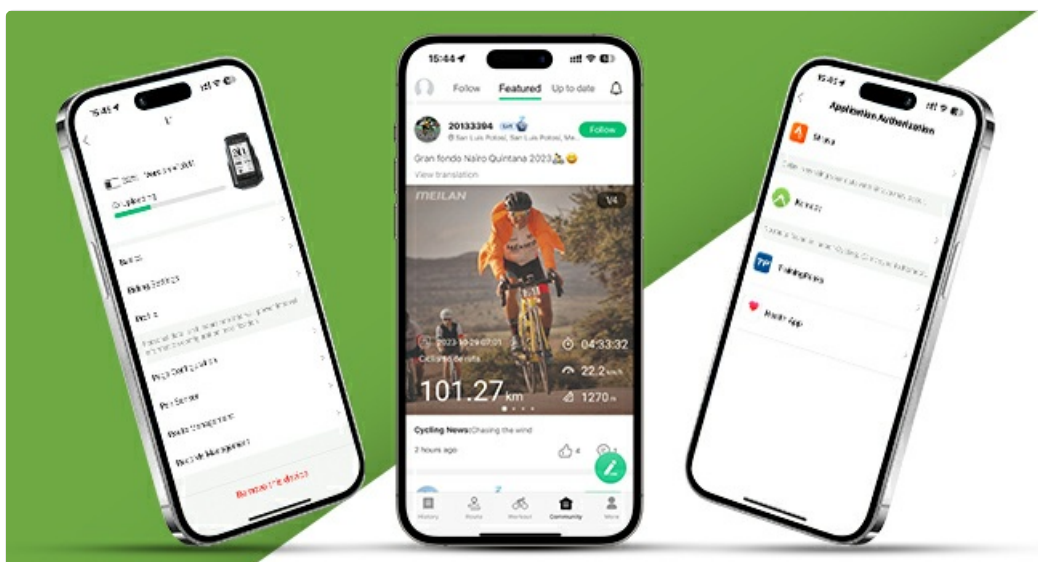


Image: Multiple smartphone screenshots showcasing the MEILAN app's functionalities, including device connection status, a community feed with cycling news, and options for authorizing data synchronization with third-party applications like Strava and TrainingPeaks.



Image: The MEILAN Navihood L1 displaying incoming call and message notifications from WhatsApp and Facebook, demonstrating its smart notification feature.



Image: The MEILAN Navihood L1 alongside a shield icon and the MEILAN app logo, symbolizing the security and protection features integrated with the device and its application.

5. MAINTENANCE

To ensure the longevity and optimal performance of your MEILAN Navihood L1, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Charging:** Do not overcharge the device. Disconnect the charging cable once the battery is full.
- **Water Resistance:** The device is IPX7 waterproof, meaning it can withstand immersion in up to 1 meter of water for 30 minutes. However, it is not designed for prolonged underwater use. Ensure the USB port cover is securely closed before exposure to water.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device frozen.	Charge the device for at least 30 minutes. Press and hold the power button for 10-15 seconds to force a restart.
No GPS signal.	Obstructed view of sky; device not acquiring satellites.	Move to an open area with a clear view of the sky. Wait a few minutes for the device to acquire satellites. Ensure GPS is enabled in settings.

Problem	Possible Cause	Solution
Sensor not connecting.	Sensor battery low; sensor out of range; incorrect pairing.	Check sensor battery. Ensure sensor is within range (a few meters). Re-pair the sensor through the device settings or MEILAN app. Ensure sensor type (ANT+/Bluetooth) matches device capability.
Data not syncing to app.	Bluetooth disconnected; app not open; internet connection issue.	Ensure Bluetooth is enabled on both device and phone. Open the MEILAN app. Check your phone's internet connection. Try restarting both the device and the app.
Screen is unresponsive.	Device frozen.	Press and hold the power button for 10-15 seconds to force a restart.

7. SPECIFICATIONS

Feature	Detail
Model Number	L1_B_DE
Display Size	2.6-inch LCD
Positioning Systems	GPS, GLONASS, GALILEO, Beidou, QZSS
Connectivity	Bluetooth, ANT+
Waterproof Rating	IPX7
Battery Life	Up to 25 hours
Battery Type	1 Lithium-Ion battery (included)
Mounting Type	Handlebar Mount
Dimensions (Packaging)	18 x 10.5 x 4.8 cm
Weight (Packaging)	110 Grams

8. WARRANTY AND SUPPORT

MEILAN is committed to providing high-quality products and excellent customer service. For any issues or inquiries, please refer to the following:




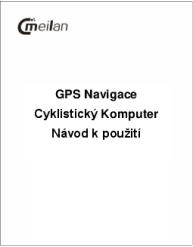


- **Warranty:** The MEILAN Navihood L1 comes with a 12-month warranty from the date of purchase. This warranty covers manufacturing defects.
- **Returns/Exchanges:** You may be eligible for a return or exchange within 30 days of purchase, subject to retailer policies.
- **Customer Service:** MEILAN offers lifetime customer service and aims for a 24-hour fast response time for inquiries.



Image: Visual icons representing MEILAN's customer support commitments: 24-hour fast response, 30-day return/exchange, 12-month warranty, and lifetime customer service.

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Related Documents - L1_B_DE

	<p>MEILAN M3 GPS Bike Computer User Guide and FAQ</p> <p>A comprehensive guide and frequently asked questions for the MEILAN M3 GPS Bike Computer, covering setup, features, and troubleshooting.</p>
	<p>MEILAN M3 Mini GPS Bike Computer Instruction Manual</p> <p>This document provides comprehensive instructions for the MEILAN M3 Mini GPS Bike Computer, covering its features, setup, operation, specifications, safety guidelines, and warranty information.</p>
	<p>MEILAN Core GPS OVAL Bicycle Computer User Manual</p> <p>Comprehensive user manual for the MEILAN Core GPS OVAL bicycle computer, detailing installation, setup, sensor pairing, button operations, data management, and safety guidelines.</p>
	<p>Meilan M1 GPS Cycling Computer User Manual</p> <p>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.</p>
	<p>MEILAN OVAL GPS Core Bike Computer: Quick User Guide</p> <p>Comprehensive guide to the MEILAN OVAL GPS Core Bike Computer, covering installation, setup, sensor pairing, data recording, app connection, charging, parameters, and safety information.</p>
	<p>MEILAN M3 Wireless Bike Computer Instruction Manual</p> <p>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.</p>