Soumye M101

Soumye M101 Electric Mountain Bike User Manual

Model: M101 | Brand: Soumye

1. Introduction

Thank you for choosing the Soumye M101 Electric Mountain Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new e-bike. Designed for adults, this 26-inch electric bike features a 540W peak power motor, a 360Wh built-in battery, an LCD display, 7 gears, and a front shock absorber, making it suitable for commuting and recreational riding.

2. Safety Information

Your safety is paramount. Please read and understand all safety warnings and instructions before operating the e-bike.

- **Helmet Use:** Always wear a certified bicycle helmet when riding.
- **Pre-Ride Check:** Before each ride, inspect the brakes, tires, battery level, and all quick-release mechanisms to ensure they are secure and functional.
- **Traffic Laws:** Obey all local traffic laws, regulations, and signs. Ride defensively and be aware of your surroundings.
- **Weather Conditions:** Exercise caution when riding in wet conditions, as braking distance may increase. Avoid riding in heavy rain or snow.
- **Weight Limit:** Do not exceed the maximum weight recommendation of 290 pounds (131 kg).
- **Charging:** Use only the provided charger. Do not charge the battery unattended. Ensure the charging area is well-ventilated and away from flammable materials.
- **Children:** This e-bike is designed for adults. Do not allow children to operate the e-bike.

3. Package Contents

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

- Soumye M101 Electric Mountain Bike (partially assembled)
- Rechargeable Lithium-ion Battery (integrated)
- Battery Charger
- Pedals (left and right)

- Front Wheel
- Handlebar Assembly
- Seat Post and Saddle
- Assembly Tools Kit
- User Manual (this document)

4. Setup and Assembly

The Soumye M101 Electric Mountain Bike arrives approximately 90% pre-assembled. Follow these steps to complete the assembly:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Handlebar Installation:** Attach the handlebar to the stem. Ensure it is centered and tightened securely.
3. **Front Wheel Installation:** Install the front wheel into the fork dropouts. Ensure the disc brake rotor is correctly aligned with the caliper. Secure with the quick-release skewer or axle nuts.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Thread them carefully to avoid cross-threading, then tighten firmly with a wrench.
5. **Seat Post and Saddle:** Insert the seat post into the frame's seat tube. Adjust the saddle height to a comfortable riding position, ensuring the minimum insertion mark is not visible. Secure with the quick-release lever.
6. **Battery Check:** The battery is integrated. Ensure it is securely seated and charged before first use.



Figure 4.1: The Soumye M101 Electric Mountain Bike, showcasing its overall design and components.



Figure 4.2: The integrated battery design, providing a sleek profile for the e-bike.

5. Operating Instructions

Familiarize yourself with the controls and functions of your e-bike.

5.1 Power On/Off

Locate the power button, typically near the LCD display or on the battery itself. Press and hold to turn the e-bike system on or off.

5.2 LCD Display

The LCD display provides real-time information about your ride.

- **Speed:** Current riding speed.
- **Voltage:** Battery voltage level.
- **Battery Life:** Graphical indicator of remaining battery charge.
- **Trip Distance:** Distance covered during the current ride.

5.3 Gear Shifting

The Soumye M101 is equipped with a 7-speed Shimano shifter. Use the trigger shifter on the handlebar to change gears, adapting to different terrains and riding conditions. Shift to a lower gear for climbing hills and a higher gear for flat terrain or downhill.

5.4 Pedal Assist System (PAS)

The e-bike features a pedal assist system that provides motor power as you pedal. The level of assistance can usually be adjusted via buttons on the display unit. Higher levels provide more assistance, while lower levels conserve battery life.

5.5 Throttle Operation

The throttle twist design allows you to engage the motor without pedaling, similar to a motorcycle. Twist the throttle grip to accelerate. Release the throttle to disengage motor power.



Figure 5.1: Handlebar controls including the LCD display, gear shifter, horn, and power switch.



Figure 5.2: The powerful 540W motor and 7-speed gear system for versatile riding.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your Soumye M101 e-bike.

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Store in a cool, dry place. Avoid fully discharging the battery.
- **Tire Pressure:** Check tire pressure before each ride. Maintain the recommended PSI (pounds per square inch) indicated on the tire sidewall for optimal performance and safety.
- **Brake Inspection:** Regularly check brake pads for wear and ensure brake levers provide firm and responsive braking. Adjust or replace as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- **Fastener Check:** Periodically check all bolts, nuts, and quick releases for tightness.



Figure 6.1: The front suspension and disc brakes, critical components for ride comfort and safety.

7. Troubleshooting

This section addresses common issues you might encounter and their potential solutions.

Problem	Possible Cause	Solution
E-bike does not power on.	Battery not charged, battery not properly seated, loose electrical connection, blown fuse.	Ensure battery is fully charged and securely connected. Check all visible electrical connections. Inspect and replace any blown fuses (e.g., 30A fuse).
Motor not providing assist/power.	Low battery, PAS level set to zero, motor cable disconnected, faulty sensor.	Charge battery. Increase PAS level on display. Check motor cable connection. If problem persists, contact customer support.
Tires frequently go flat or leak air.	Puncture, valve stem issue, improper tire pressure, damaged inner tube.	Inspect tires for punctures and remove any foreign objects. Check valve stem for leaks. Maintain correct tire pressure. Replace damaged inner tube. Professional repair may be needed for persistent issues.
Brakes feel weak or squeal.	Worn brake pads, contaminated rotors, loose caliper, cable stretch.	Inspect brake pads and replace if worn. Clean rotors with disc brake cleaner. Check caliper mounting bolts. Adjust brake cable tension.

8. Specifications

Key technical specifications for the Soumye M101 Electric Mountain Bike:

Feature	Specification
Bike Type	Electric Bike

Feature	Specification
Model Name	M101
Wheel Size	26 Inches
Motor Peak Power	540W
Battery Capacity	360Wh (Built-in)
Number of Speeds	7 (Shimano)
Suspension Type	Front
Brake Style	Disc (Front & Rear)
Item Weight	44 Pounds (20 kg)
Maximum Weight Recommendation	290 Pounds (131 kg)
Recommended Height	5'2" - 6'3"
Top Speed	Up to 20 MPH



Figure 8.1: E-bike dimensions and rider suitability information.

9. Warranty and Support

Soumye is committed to customer satisfaction and provides comprehensive support for your e-bike.

- **Return Policy:** Soumye offers a 30-day return policy from the date of purchase.
- **Maintenance Support:** The e-bike comes with a 1-year maintenance support period.
- **Contact Information:** For prompt and efficient assistance with any pre-sales or post-sales inquiries, please contact our US-based expert service team.

Soumye Customer Service:
+1 626 267 2312

Available Monday to Friday, 9:00 AM - 6:00 PM PST

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I remove the internal battery on my Soumye M101 Step-Through e-bike, and what should I check if it won't turn on despite being fully charged?

The Soumye M101 features an integrated (built-in) battery design. While the manual confirms the battery is a rechargeable lithium-ion unit housed within the frame, it does not provide specific step-by-step mechanical instructions for user...

Read full answer

What are the factory P-settings for the Soumye M101 Electric Mountain Bike, and how can I reset them?

The provided manual for the Soumye M101 Electric Mountain Bike does not explicitly list the specific values for the internal "P-settings" (parameter settings) or a factory reset code. These settings typically control advanced features...

Read full answer