Funhang EB-M1

Funhang EB-M1 Electric Mountain Bike Instruction Manual

Model: EB-M1 | Brand: Funhang

1. Introduction and Overview

The Funhang EB-M1 Electric Mountain Bike is designed for adults seeking a versatile and powerful e-bike experience. Featuring a 1000W peak motor, a removable 48V 374.4Wh battery, and 21-speed Shimano gears, it offers robust performance for various terrains and commuting needs. This manual provides essential information for assembly, operation, maintenance, and troubleshooting to ensure safe and optimal use of your electric bike.



Image: The Funhang EB-M1 Electric Mountain Bike, showcasing its overall design and B-Gray Silver color.

2. Safety Information

Always wear a helmet and appropriate safety gear when riding. Ensure all components are securely fastened before each ride. Do not operate the e-bike under the influence of alcohol or drugs. Adhere to local traffic laws and regulations. Regular maintenance is crucial for safe operation.

3. Setup and Assembly

The Funhang EB-M1 electric bike arrives 85% pre-assembled. The remaining assembly steps are straightforward and can be completed with the included tools. For detailed visual guidance, please refer to the official assembly video provided by Funhang Bike.

Your browser does not support the video tag.

Video: Official Funhang EB-M1 Electric Mountain Bike Assembly Video. This video provides step-by-step instructions for completing the

bike's assembly.

Key assembly steps include attaching the front wheel, handlebars, seat, pedals, and fenders. Ensure all bolts and quick-release levers are securely tightened before riding.



Image: Close-up view of the 1000W peak motor and 21-speed Shimano gears, highlighting the bike's powerful drivetrain.

4. Operating the Electric Bike

4.1 Diverse Working Modes

The Funhang EB-M1 offers 5 diverse working modes to suit various riding preferences and conditions:

- **Throttle Mode:** Use the throttle to increase power and ride without pedaling.
- **PAS (Pedal-Assist) Mode:** The motor provides a moderate amount of power as you pedal, with 5 adjustable levels of

assistance.

- **Pedal Mode:** Ride the bike as a traditional bicycle without electric assistance (LCD screen off).
- **Cruise Mode:** Long press the "-" button when speed exceeds 6.2mph to enter cruise mode, maintaining a steady speed.
- **Booster Mode:** Helps push the e-bike at speeds no more than 4.2mph, useful for uphill starts or walking alongside the bike.



Image: Visual representation of the five distinct riding modes available on the Funhang EB-M1 electric bike.

4.2 LCD Screen Controls

The clear LCD screen provides essential riding information and controls:

- **Speed Display:** Shows current speed.
- **Battery Status:** Indicates remaining battery life.
- **Assist Level:** Displays the current pedal-assist level (0-5).
- **Odometer/Trip Distance/Voltage:** Toggle between these displays by short-pressing the power button.
- **Headlight Control:** Turn the bright LED headlight on/off.
- **Horn:** Activate the horn for safety.



Image: Detailed view of the Smart LCD Screen, showing its interface, along with the clear headlight, lockable suspension fork, and comfortable saddle.

4.3 Gears and Brakes

The bike is equipped with a professional 21-speed Shimano gear system for smooth transitions across different terrains. Dual disc brakes provide reliable stopping power for enhanced safety.

5. Battery Information

The Funhang EB-M1 features a removable 48V 374.4Wh IPX5 waterproof li-ion battery. It offers a range of 25-30 miles in pure electric mode and 40-50 miles in pedal-assist mode, depending on rider weight and road conditions. Charging takes approximately 4-5 hours. The removable design allows for convenient charging on or off the bike. Two keys are provided for battery locking/unlocking.



Image: The removable 48V 374.4WH Li-ion battery integrated into the bike's frame, highlighting its waterproof rating and charging time.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your e-bike. This includes:

- **Battery Care:** Charge the battery fully after each ride. Once a month, fully discharge the battery before recharging to prolong its life.
- **Tire Pressure:** Regularly check and maintain recommended tire pressure for optimal performance and safety.
- **Brake Inspection:** Periodically inspect brake pads and cables for wear and proper function.
- **Chain Lubrication:** Keep the chain clean and lubricated for smooth gear changes and to prevent wear.
- **General Fasteners:** Check all bolts and fasteners regularly to ensure they are tight.

7. Troubleshooting

If you encounter issues with your Funhang EB-M1, consider the following common troubleshooting steps:

- **No Power:** Ensure the battery is fully charged and properly seated in the frame. Check that the battery's power switch is turned on.
- **Charger Issues:** If the charger indicator light remains green when plugged into the bike, the charger or battery may be defective. Contact customer support for a replacement.
- **Flat Tire:** The tires are designed for all terrains, but punctures can occur. Refer to standard bicycle tire changing procedures. The quick-release mechanism on the front wheel simplifies removal.
- **Assembly Problems:** Double-check all assembly steps against the user manual and assembly video. Ensure handlebars and pedals are correctly oriented and tightened.

For persistent issues, refer to the "Professional After-Sales Service" section for support contact information.

8. Specifications

Feature	Detail
Bike Type	Electric Bike, Electric Mountain Bike, Electric Bike for Adults, Adult Electric Bicycle, City Ebike, Commuter Ebike, Road Bike
Motor	500W (1000W Peak)
Battery	48V 374.4Wh Li-ion (IPX5 waterproof, removable)
Max Speed	21.7 MPH
Range (Pure Electric)	25-30 miles
Range (Pedal-Assist)	40-50 miles
Charging Time	Approx. 4-5 hours
Gears	21-Speed Shimano
Brakes	Dual Disc Brakes
Suspension	Lockable Front Suspension Fork
Wheel Size	26 Inches
Frame Material	Carbon Steel
Item Weight	22.5 Kilograms (49.6 lbs)
Max Weight Recommendation	300 Pounds
Minimum User Height	5.3 Feet
Included Components	User Manual, Electric Bike, Fenders, Charger, Tool Kit

9. Warranty and Support

Funhang provides a 12-month limited hardware replacement warranty and lifetime technical support for your electric bicycle. If you encounter any problems or require assistance, please do not hesitate to contact Funhang customer service. They aim to reply within 24 hours.
For customer support, you can typically find contact information by clicking on your order details or the seller name on the platform where you purchased the product. Providing videos or photos of your issue can help expedite the resolution process.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

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 reset the Funhang EB-M1 Electric Mountain Bike?

The provided manual for the Funhang EB-M1 does not explicitly detail a full factory reset procedure. However, for most e-bikes with similar LCD screens, you can perform common resets using the following steps:Reset Trip...

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