

[Manuals.plus](#) /

› [Axiniu](#) /

› Electric Bike for Adults, 1800W Motor 52V 30Ah Samsung Battery Electric Mountain Bicycles, 26" Fat Tire Full Suspension Beach Snow Off Road E Bike, 35MPH & 120 Miles Long Range Ebike User Manual

Axiniu 26 inch fat tire ebike

Axiniu Electric Bike User Manual

Model: 26 inch fat tire ebike

1. INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and assembly of your Axiniu Electric Bike. Please read it thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: Axiniu Electric Bike, a full-suspension fat tire e-bike in blue.

Product Overview

The Axiniu Electric Bike is a high-performance electric mountain bicycle designed for adults, featuring a powerful 1800W peak motor and a 52V 30Ah Samsung battery. It is equipped with 26-inch fat tires and a full suspension system, making it suitable for various terrains including beach, snow, and off-road conditions. With a top speed of up to 35 MPH and a maximum range of 120 miles in pedal-assist mode, it offers a versatile and enjoyable riding experience.

Key Features

- **Powerful Motor:** 1000W high-speed rear hub motor (Peak 1800W) with 130Nm torque.
- **Long-Range Battery:** Removable 52V 30Ah Samsung battery, offering 75-120 miles range.
- **Advanced Suspension:** Lockable and adjustable front fork and rear suspension for comfort on varied terrain.
- **Braking System:** Dual hydraulic disc brakes (front and rear) for effective stopping power.
- **Smart Display:** HD colorful LCD display with key card function for activation and security.

- **Versatile Riding Modes:** Electric Mode, Pedal-assist Mode, Cruise Mode, Manual Mode, and Walk Mode.
- **Durable Construction:** Lightweight 6061 aluminum alloy frame.
- **All-Terrain Tires:** CST 26"x 4" fat tires for enhanced traction and comfort.

2. SETUP AND ASSEMBLY

Your Axiniu Electric Bike is 85% pre-assembled. Follow these steps to complete the assembly process.

Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present and undamaged. Keep the original packaging box for future use or in case of return.

**48V/30AH SAMSUNG POWERFUL
REMOVABLE BATTERY**

52 MPH

 40-120 Miles Long Range	 6-8 Hours Fast Charge	 Batter overheat protection system	 1440WH Farge Capacity
--	--	---	--

Figure 2: All components included with the Axiniu Electric Bike, laid out for inspection.

Assembly Steps

1. Install Handlebar:

Insert the handlebar stem into the fork tube and tighten the top bolt. Then, attach the handlebar to the stem and secure it with the front bolts. Ensure the handlebar is straight and firmly in place.

Your browser does not support the video tag.

Video 1: Demonstrates the installation of the handlebar. This video shows the process of securing the handlebar stem and the handlebar itself to the bike frame.

2. Install Front Wheel:

Remove the protective cap from the front fork. Align the front wheel with the fork dropouts, ensuring the brake rotor slides correctly into the brake caliper. Secure the wheel with the provided nuts or quick-release mechanism.

3. Install Headlight:

Attach the headlight to the designated mounting point on the front fork. Connect the headlight cable to the corresponding port on the bike's wiring harness.

4. Install Pedals:

Identify the left (L) and right (R) pedals. The left pedal has a reverse thread. Apply a small amount of grease to the pedal threads and screw them into the crank arms. Tighten securely with a wrench.

5. Install Instruments and Connect Cables:

Mount the LCD display and control panel on the handlebar. Connect all necessary cables, ensuring they are securely fastened and not pinched. This includes cables for the display, throttle, brakes, and any other accessories.

6. Install Battery:

Unlock the battery compartment using the key. Slide the battery into the frame until it clicks into place. Lock the battery securely with the key. Ensure the battery is fully charged before your first ride.

7. Adjust Seat Height:

Adjust the seat post to a comfortable height, ensuring your feet can touch the ground when stopped. Secure the seat post with the quick-release lever.

8. Install Accessories:

Attach any additional accessories such as the water bottle holder, rear reflector, or rear rack as per your preference.

3. OPERATING INSTRUCTIONS

Turning On/Off the Bike

There are two primary methods to turn on your Axiniu Electric Bike:

1. Using the NFC Card:

Swipe the NFC card at the bottom of the display. The display will illuminate, indicating the bike is ready for use.

2. Using a Password:

- Press and hold the "Power" button to turn on the display.
- Use the "+" or "-" buttons to select numbers.

- c. Press the "Cruise" button to switch between digits.
- d. Enter the default code "1234".
- e. Press the "Cruise" button to confirm.

Your browser does not support the video tag.

Video 2: Demonstrates two ways to turn on the bike: using the NFC card and entering a password. It also shows how to operate the headlight, horn, cruise control, and walking mode.

Riding Modes

The Axiniu Electric Bike offers five distinct riding modes:

- **Electric Mode:** Pure electric power using the throttle.
- **Pedal-assist Mode:** Motor provides assistance as you pedal.
- **Cruise Mode:** Maintains a set speed without continuous throttle input. Activate by pressing "Throttle" and "Cruise" buttons for four seconds.
- **Manual Mode:** Ride like a traditional bicycle without motor assistance.
- **Walk Mode:** Provides low-speed assistance for walking the bike. Activate by pressing the "Cruise" button for four seconds.

Gear Shifting (Shimano 7-Speed)

When shifting gears, always pedal at the same time. Avoid shifting more than two gears at once to prevent damage to the drivetrain.

PEAK 1800W

POWERFUL BRUSHLESS MOTO

150NM
Max Torque

7 Speed
Shimano

40°
Climbing Slope

35MPH
Max Speed

Figure 3: Close-up view of the 1800W peak motor and Shimano 7-speed gearing system on the rear wheel.

Braking System (Dual Hydraulic Disc Brakes)

The bike is equipped with dual hydraulic disc brakes for reliable and sensitive stopping power in all conditions. Always apply both brakes smoothly and evenly.

180x2.3mm DURABLE DISC

Commuting to work, grocery shopping Applicable to various life scenarios



RESPONSIVE DUAL HYDRAULIC BRAKES

Front and rear oil brakes
Responsive to emergencies



Figure 4: Detailed view of the responsive dual hydraulic disc brakes, essential for safe riding.

Headlight Operation

Short press the "headlight" button on the control panel to turn the headlight on or off. The 800-lumen headlight provides strong illumination for night riding.

Bright LED Light System Front Light



Front Light



Brake Light

A close-up inset image of a red LED rear light mounted on a bicycle frame.

Enhance Rear Warning

Figure 5: Bright LED headlight system for enhanced visibility and safety during night rides.

4. MAINTENANCE

Battery Care

- Charge the battery fully before first use.
- Use only the provided 54V 3A UL certified charger.
- Avoid completely draining the battery. Recharge after each ride.
- Store the battery in a cool, dry place when not in use, and charge it periodically if stored for long periods.
- The battery features a battery overheat protection system for safety.



Figure 6: The removable 52V 30Ah Samsung battery, integrated into the bike frame.

General Bike Maintenance

- Regularly check tire pressure (CST 26"x 4" fat tires).
- Inspect brake pads and rotors for wear.
- Keep the chain clean and lubricated.
- Check all bolts and fasteners for tightness before each ride.
- Clean the bike regularly with a damp cloth, avoiding direct water spray on electrical components.
- Ensure the full suspension system (front fork and rear shock) is functioning correctly.

ADVANCED DUAL SUSPENSION UI WEAR-RESISTANT FAT TIRES



Front Suspension



Rear Suspension



Figure 7: The advanced dual suspension system, including front suspension and rear shock absorber, designed for a smooth ride.

5. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike does not turn on.	Battery not installed correctly, battery low, or display issue.	Ensure battery is fully inserted and locked. Check battery charge level. Try turning on with NFC card or password.

Problem	Possible Cause	Solution
Motor not assisting.	Pedal-assist level too low, brake levers engaged, or motor connection issue.	Increase pedal-assist level on the display. Release brake levers. Check motor cable connections.
Battery runs out quickly.	Riding conditions (hills, heavy load), high assist level, or low tire pressure.	Adjust riding mode, maintain proper tire pressure, and ensure full battery charge. Actual range varies by conditions.
Difficulty shifting gears.	Improper shifting technique, dirty chain, or derailleur adjustment needed.	Pedal while shifting. Clean and lubricate chain. If issue persists, consult a bike technician.

For more complex issues, please refer to the support section for contact information.

6. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Motor	1000W (Peak 1800W) Rear Hub Motor, 130Nm Torque
Battery	52V 30Ah Samsung Lithium Battery
Max Speed	Up to 35 MPH
Max Range	75-120 Miles (Pedal Assist Mode)
Charging Time	4-6 Hours
Frame Material	Aluminum 6061 Alloy
Suspension Type	Dual (Lockable and Adjustable Front Fork, Rear Shock)
Brakes	Dual Hydraulic Disc Brakes (180mm)
Tires	CST 26" x 4" Fat Tires
Gears	Shimano 7-Speed
Display	HD Colorful LCD Display with NFC Function
Headlight	800 Lumen Strong Headlight
Max Weight Recommendation	330 Pounds
Minimum User Height	163 Centimeters
Included Components	Electric bike, Battery, Charger, Headlight, Tools kit, Use manual

7. WARRANTY AND SUPPORT

Warranty Information

Axiniu Electric Bikes come with a **365-day part assurance** and **lifetime customer support**. The warranty covers parts for 1 year and the frame for a lifetime. Please retain your original packaging box in case of a return.

Customer Support

For any problems or inquiries regarding your electric bike, please contact Axiniu Sports Direct:

- **Phone/Text Support:** +1 (661) 669-8175 (Monday to Friday, 8-12:30 AM, 1-5 PM ET)
- **Email Support:** XLSports2022US@outlook.com

You can also visit the official Axiniu store for more information and resources: [Axiniu Store on Amazon](#)



Figure 8: Axiniu customer support details for assistance.

© 2025 Axiniu. All rights reserved.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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