

Axiniu X Class

Axiniu Electric Bike User Manual

Model: X Class

INTRODUCTION

Welcome to the Axiniu Electric Bike user manual. This high-performance moped-style e-bike is designed for versatility, offering a powerful 2000W peak motor, a 52V 40Ah UL-certified removable battery, and a top speed of 35 MPH. Equipped with 20-inch fat tires and a dual suspension system, it provides exceptional performance across various terrains, from city streets to mountains, snow, and sand. Its advanced features include dual hydraulic disc brakes, smart security lighting with integrated turn signals, and a removable dual seat with a convertible cargo rack, making it ideal for commuting, adventures, and daily errands.



Figure 1: Axiniu Electric Bike - Standard Model

Safety Information

Always prioritize safety when operating your electric bike. Adhere to local traffic laws and regulations. Wearing a helmet is mandatory, and appropriate protective gear is highly recommended. Before each ride, perform a quick safety check:

- Ensure tires are properly inflated and in good condition.
- Verify that both front and rear brakes are functioning correctly.
- Check that all lights and signals are operational.
- Confirm the battery is securely locked and charged.
- Familiarize yourself with the controls before riding in traffic.

Avoid riding under the influence of alcohol or drugs. Be aware of your surroundings and ride defensively.

SETUP AND ASSEMBLY

Your Axiniu Electric Bike arrives 85% pre-assembled, significantly reducing setup time. The main steps involve installing the front wheel, handlebars, pedals, and connecting the display and headlight. All necessary tools are included.

Assembly Steps:

1. **Install the Headlight:** Secure the headlight to the front fork using the provided screws and connect its power cable.
2. **Install the Instrument Display:** Attach the instrument display to the handlebars and connect its wiring.
3. **Install the Front Wheel:** Carefully align the front wheel with the fork and secure it using the axle nuts. Ensure the brake rotor is correctly seated in the caliper.
4. **Install the Pedals:** Thread the pedals into the crank arms. Note that the left pedal (L) and right pedal (R) have different threading directions.
5. **Install the Rear Basket (if applicable):** If your model includes a rear basket, attach it securely to the rear rack using the provided hardware.
6. **Battery Installation/Charging:** The battery is typically pre-installed. If removed, slide it back into the frame and lock it with the key. For charging, you can either remove the battery or charge it directly on the bike via the charging port.

For a comprehensive visual guide, please refer to the official installation video:

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Video 1: The Installation Video. This video provides a step-by-step guide for assembling your Axiniu Electric Bike, including attaching the front wheel, handlebars, and pedals.

OPERATING YOUR AXINIU ELECTRIC BIKE

Power System

The Axiniu Electric Bike features a powerful 2000W peak motor and a 52V 40Ah UL-certified removable battery. This combination allows for a top speed of 35 MPH and a range of 50 miles in pure electric mode or up to 120 miles in pedal-assist mode.

52V/40AH SAMSUNG POWERFUL REMOVABLE BATTERY



40-120 Miles
Long Range

6-8 Hours
Fast Charge

2080WH
Large Capacity

Batter
overheat
Protection system

Figure 2: High-capacity 52V 40Ah removable battery, providing extended range.

Control System

The intuitive control system includes a smart LCD display that shows speed, battery level, cruise indicator, gear indication, and trip data. A quick toggle button allows you to switch the front motor on or off effortlessly. The seven-speed gear system is perfect for those who want to use pedal assist, offering smooth and reliable shifting.



Figure 3: Smart LCD display and handlebar controls for easy operation.

Braking System

Equipped with responsive dual hydraulic disc brakes, the bike offers reliable stopping power even at high speeds and on wet roads. This system significantly cuts stopping distance compared to mechanical brakes.

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: Close-up of the responsive dual hydraulic disc brakes.

Lighting System

For enhanced visibility and safety, the bike features a bright LED headlight, a rear brake light, and integrated turn signals. These lights ensure you are seen by others, especially during night rides.

Intuitive Control System



Figure 5: Integrated LED headlight, brake light, and turn signals for safety.

All-Terrain Performance

The 20-inch x 4.0-inch fat tires provide superior grip on various surfaces, including sand, snow, and rough trails. Coupled with the dual suspension system (hydraulic front fork and rear spring shock), the bike absorbs 80% of road vibrations, ensuring a smooth and comfortable ride on any terrain.

Advanced **Dual Suspension**



**Rear Spring
Shock Absorption**



Front Suspension



**Unmatched Comfort
on Any Terrain**



Figure 6: Durable 20-inch fat tires for excellent traction on diverse terrains.



Figure 7: Advanced dual suspension system for a smooth and stable ride.

Product Showcase Videos:

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Video 2: Electric Bike Showcase. Demonstrates the bike's features and capabilities in various settings.

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Video 3: Axiniu Electric Bike. A general overview of the bike in action.

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Video 4: Electric Bike Showcase 2. Further demonstration of the bike's performance on different terrains.

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Video 5: Product Introduction Video. An introductory video highlighting the main features of the bike.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Axiniu Electric Bike. Follow these general guidelines:

- **Tires:** Check tire pressure regularly and inflate to the recommended PSI (indicated on the tire sidewall). Inspect for wear and tear.
- **Brakes:** Periodically check brake pads for wear and ensure hydraulic lines are free from leaks. Adjust as needed for optimal stopping power.
- **Battery:** Store the battery in a cool, dry place. Avoid fully discharging the battery frequently. Charge regularly, even if not in use, to maintain battery health.
- **Chain:** Keep the chain clean and lubricated to ensure smooth operation and prevent rust.
- **Fasteners:** Regularly check all bolts, nuts, and quick releases to ensure they are tight and secure.
- **Cleaning:** Clean your bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.

TROUBLESHOOTING

Here are some common questions and answers regarding your Axiniu Electric Bike:

- **Q: If the battery runs out, can I pedal it like a regular bike?**
A: Yes, you can absolutely ride the bike by pedaling like a regular bicycle even if the battery is depleted.
- **Q: Does the bike require extensive assembly?**
A: The bike is 85% pre-assembled, minimizing installation effort. You primarily need to install the handlebar and a few other parts. Assembly support service is also available.
- **Q: What should I do if I encounter problems with the electric bike?**
A: For any issues, please contact Axiniu Sports Direct customer support. They can assist you with all matters related to your electric bike.

SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Age Range (Description)	Adult
Brand	Axiniu
Number of Speeds	7

Feature	Detail
Color	Standard
Wheel Size	20 Inches
Frame Material	Aluminum
Suspension Type	Dual
Special Feature	Digital Display, Taillight, Dual Suspension, Headlight, Dual Disc Brake
Included Components	electric bike
Size	Large
Brake Style	Disc
Wheel Width	4 Inches
Specific Uses For Product	Trail, Snow, Road, Dirt Biking, Gravel
Style	Retro
Model Name	X Class
Power Source	Electric motor
Wattage	1500 watts
Wheel Material	Alloy Steel
Year	2025
Lithium Battery Energy Content	2080 Watt Hours
Warranty Type	Limited
Maximum Weight Recommendation	350 Pounds
Assembly Required	Yes
Bicycle Gear Shifter Type	Thumb
Derailleur Configuration	Front
Bicycle Drivetrain Type	Hub Motor
Electric Assist Type	Electric Pedal Assist
Manufacturer	Axiniu
Warranty Description	1 year manufacturer

WARRANTY AND SUPPORT

Your Axiniu Electric Bike comes with a **1-year manufacturer's warranty**, ensuring peace of mind regarding potential defects or issues. For any inquiries, technical assistance, or warranty claims, please contact our dedicated customer support team.

Contact Information:



Text/Video Support: +1 (661) 669-8175

Operating Hours: Monday to Friday, 8 AM - 12:30 PM ET & 1 PM - 5 PM ET

Email Support: XLSports2022US@outlook.com

Note: If you have any problems with credit card payments, please ask us for help.

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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