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OUXI V8

OUXI V8 Electric Bike

INSTRUCTION MANUAL

1. Introduction and Safety Guidelines

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your OUXI V8 Electric Bike. Please read it thoroughly before your first ride to ensure proper use and to maximize the lifespan of your e-bike.

Important Safety Information:

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in extreme weather conditions or on excessively slippery surfaces.



Figure 1.1: The OUXI V8 Electric Bike, showcasing its robust frame and fat tires.

2. Setup and Initial Preparation

Your OUXI V8 Electric Bike comes mostly pre-assembled. Follow these steps for final setup and initial preparation:

1. **Handlebar Installation:** Securely attach the handlebars to the stem, ensuring all bolts are tightened to the manufacturer's specifications.
2. **Pedal Attachment:** Identify the left (L) and right (R) pedals. Thread them into the crank arms carefully. Note that the left pedal has a reverse thread. Tighten firmly.
3. **Seat Adjustment:** Adjust the seat height to a comfortable and safe riding position, ensuring your feet can touch the ground when stopped.
4. **Battery Installation & Charging:** The 48V 15Ah removable battery should be fully charged before its first use. Insert the battery into its compartment and lock it securely. Connect the charger to the battery and a power outlet. The charging time is approximately 7-8 hours for a full charge.
5. **Tire Inflation:** Inflate the 20" fat tires to the recommended pressure indicated on the tire sidewall.



Figure 2.1: The 48V 15Ah removable battery, showing its charging port and waterproof rating.

3. Operating Your OUXI V8 Electric Bike

Understanding the controls and riding modes will enhance your experience.

3.1 Powering On/Off and LCD Display

To power on the bike, press and hold the power button on the LCD display. The M5 LCD display will show your speed, battery level, odometer, and other vital information. To power off, press and hold the power button again.



Figure 3.1: The M5 LCD display, providing real-time riding data.

3.2 Riding Modes

The OUXI V8 offers three distinct riding modes:

- **Bike Mode:** Power off, normal riding by pedaling only.
- **Assisted Riding Mode:** Power on, motor provides assistance as you pedal. Adjust assistance levels via the display.
- **Pure Electric Mode:** Power on, use the throttle for propulsion without pedaling.



Figure 3.2: Illustration of the three available riding modes for versatile use.

3.3 Gear Shifting and Braking

The bike is equipped with a 7-speed Shimano gear system, allowing you to adjust your pedaling effort to different terrains and speeds. Use the trigger shifter on the handlebar to change gears smoothly.



Figure 3.3: The Shimano 7-speed trigger shifter for smooth gear changes.

The OUXI V8 features reliable disc brakes on both the front and rear wheels. Always apply both brakes simultaneously for effective and safe stopping. Regularly check brake pads and rotors for wear.



Figure 3.4: The robust disc brake system, part of the bike's riding system.

4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your OUXI V8 Electric Bike.

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Store the battery in a cool, dry place. Avoid fully discharging the battery frequently.
- **Tire Maintenance:** Check tire pressure before each ride. The 20" x 4.0" fat tires are designed for various terrains; proper inflation is crucial for performance and safety. Inspect tires for wear or damage.
- **Brake System:** Periodically inspect brake levers, cables, pads, and rotors for wear or damage. Adjust brakes as needed to ensure responsive stopping power.
- **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.



Figure 4.1: The 20" x 4.0" fat tires are designed to adapt to various terrains, requiring proper inflation and care.

5. Troubleshooting

This section addresses common issues you might encounter with your OUXI V8 Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly seated; loose connection.	Ensure battery is fully charged and securely installed. Check all cable connections.
Motor not assisting	Low battery; pedal assist level set to zero; brake lever sensor engaged.	Charge battery. Increase pedal assist level on display. Check if brake levers are fully released.
Short riding range	Under-inflated tires; frequent use of pure electric mode; riding uphill often.	Inflate tires to recommended pressure. Use pedal assist more often. Plan routes to minimize steep inclines.

Problem	Possible Cause	Solution
Brakes feel weak	Worn brake pads; loose brake cable; air in hydraulic system (if applicable).	Inspect and replace brake pads if worn. Adjust brake cable tension. If hydraulic, professional service may be required.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact customer support.

6. Technical Specifications

Key specifications for the OUXI V8 Electric Bike:

Feature	Specification
Bike Type	Electric Bike, Mountain Bike
Motor	750W Brushless Motor
Battery	48V 15Ah Removable Lithium Battery (720 Watt Hours)
Top Speed	Up to 31 MPH
Range per Charge	28-37 miles (depending on riding conditions and mode)
Wheel Size	20 Inches (4.0" Fat Tire)
Number of Speeds	7 (Shimano Gears)
Brake Style	Disc
Frame Material	Metal
Max Load Capacity	330 lbs
Recommended Rider Height	5'4" - 6'5"
Included Components	Kickstand, Pump, Tool Kit

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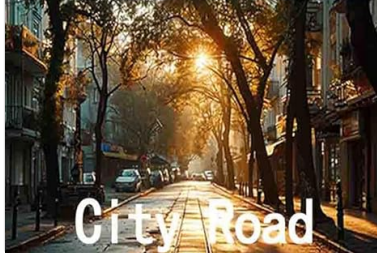


Figure 6.1: Detailed dimensions and key specifications of the OUXI V8 Electric Bike.

7. Warranty and Customer Support

Warranty Information: The OUXI V8 Electric Bike comes with a 1-year manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support: If you have any questions, require technical assistance, or need to make a warranty claim, please contact OUXI customer service. Refer to the product packaging or the official OUXI website for the most current contact information.

OUXI is dedicated to providing professional and practical products, along with the best possible customer experience.