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> KETELES K800 Dual-Motor Electric Bicycle Instruction Manual

KETELES K800

KETELES K800 Dual-Motor Electric Bicycle

INSTRUCTION MANUAL

Introduction

This instruction manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your KETELES K800 Dual-Motor Electric Bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety. Retain this manual for future reference.



Figure 1: KETELES K800 Dual-Motor Electric Bicycle, black and white with fat tires.

Key Features

- **Powerful Dual-Motor System:** Equipped with two 1000W brushless motors (2000W total) for robust power and acceleration, capable of reaching speeds up to 30 MPH.



Figure 2: Close-up of the powerful 2000W brushless motor system, highlighting the dual 1000W motors.

- **High-Capacity Removable Lithium Battery:** Features a 23AH removable lithium battery, providing extended range and multiple riding modes (electric, pedal-assisted, bicycle, cruise control).



Figure 3: Illustration of the 23AH removable battery, showing its internal structure and indicating various cycling modes and range capabilities.

- **26-inch Fat Tires:** Durable 26-inch by 4.0-inch Chaoyang all-terrain fat tires designed for stability and traction

across various surfaces, including mountain roads, flat roads, gravel, and snowfields.



Figure 4: Image showcasing the robust 26-inch Chaoyang fat tires, suitable for diverse terrains.

- **Hydraulic Braking System:** Equipped with front and rear hydraulic disc brakes for reliable and responsive stopping power.
- **Advanced Suspension:** Features a lockable aluminum suspension fork for improved comfort and control over varied terrain.

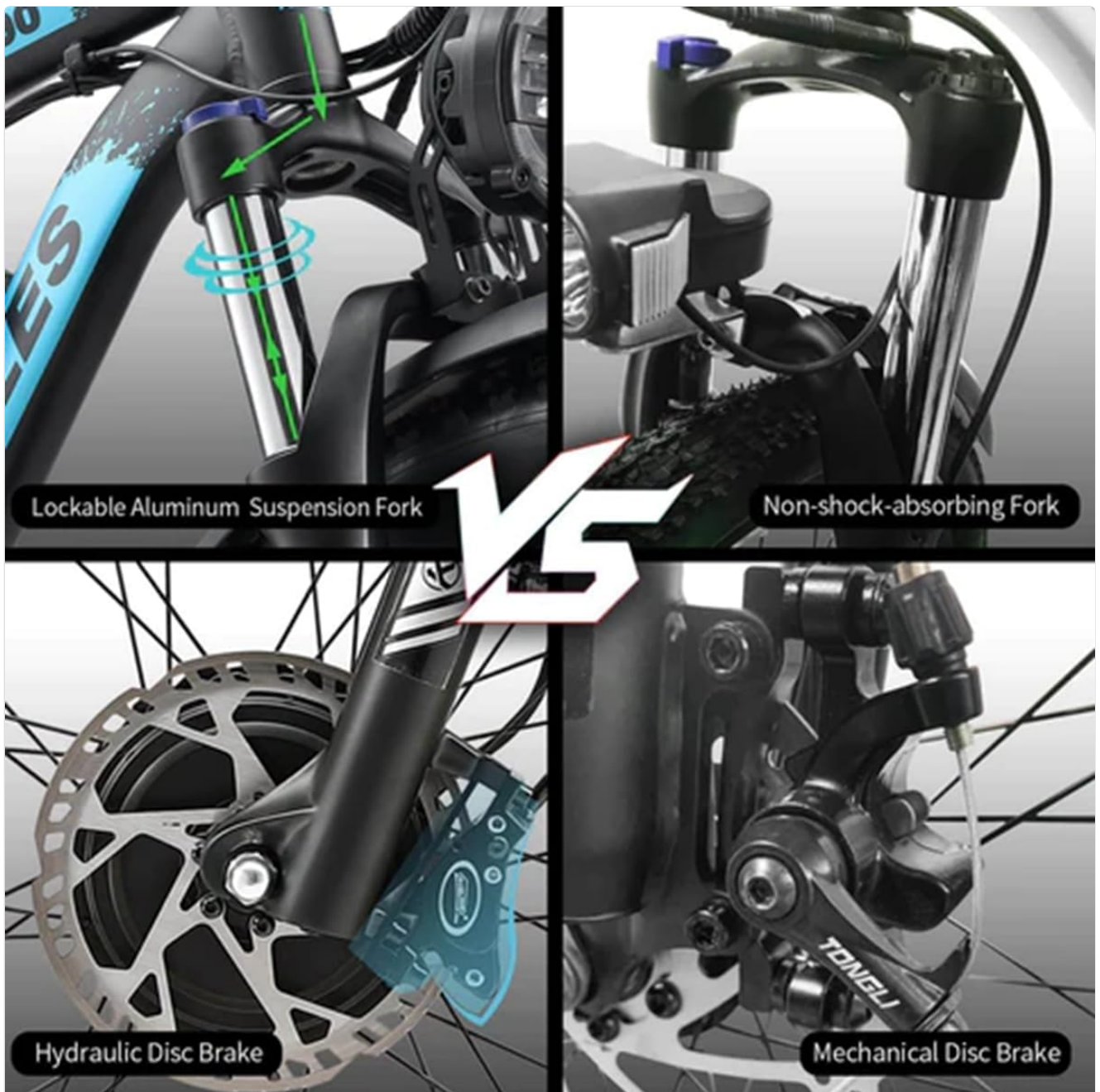


Figure 5: Comparison showing the hydraulic disc brake system and the lockable aluminum suspension fork.

- **Intelligent LCD Display:** Provides real-time information including speed, battery status, speed grade, and odometer readings.



Figure 6: Overview of the intelligent LCD display and handlebar controls, including shifter, brake lever, throttle, headlight, horn, and motor switches.

- **Durable Aluminum Alloy Frame:** Lightweight yet robust frame designed specifically for e-bikes, offering strength and impact resistance.
- **Shimano 21-Speed Gear System:** Ensures smooth gear shifting and efficient power transfer.

Setup and Assembly

The KETELES K800 electric bicycle is designed for minimal assembly. Most major components come pre-assembled. Follow these steps to complete the setup:

1. **Unpacking:** Carefully remove the bicycle and all components from the packaging. Inspect for any shipping damage.
2. **Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and tightened securely. Adjust the angle for comfortable riding.
3. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Ensure they are fully threaded and tightened.
4. **Front Wheel Installation:** Secure the front wheel into the fork dropouts. Ensure the disc brake rotor is correctly aligned with the caliper. Tighten the quick-release skewer or axle nuts firmly.
5. **Seat Post and Saddle:** Insert the seat post into the frame's seat tube. Adjust the saddle height for comfortable

pedaling with a slight bend in the knee at the bottom of the pedal stroke. Secure the quick-release clamp.

6. **Battery Installation:** Insert the removable lithium battery into its designated compartment on the frame. Ensure it clicks securely into place. Charge the battery fully before first use.
7. **Pre-Ride Check:** Before your first ride, perform a thorough check of all bolts, nuts, and quick releases to ensure they are tight. Check tire pressure, brake function, and gear shifting.

Operating Instructions

Familiarize yourself with the controls and functions of your KETELES K800 electric bicycle for a safe and enjoyable ride.

1. Powering On/Off:

Press the "M" key on the intelligent LCD display for 2-5 seconds to turn the display light on/off. The display will show real-time speed, battery status, speed grade, and odometer.

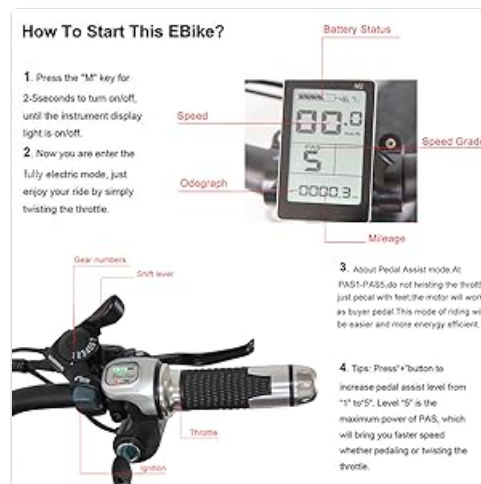


Figure 7: Instructions for powering on the e-bike and an overview of the LCD display showing speed, battery, and odometer.

2. Riding Modes:

- **Fully Electric Mode:** Twist the throttle to engage the motor and ride without pedaling.
 - **Pedal-Assisted Cycling Mode (PAS):** Press the "+" button to increase the pedal assist level from "1" to "5". Level "5" provides the maximum power assist. The motor assists your pedaling effort.
 - **Bicycle Mode:** Ride the bicycle like a traditional bike without any motor assistance.
 - **Cruise Control Mode:** (Refer to specific display instructions if available for activation).
3. **Gear Shifting:** Use the Shimano 21-speed gear shifter on the handlebars to change gears according to terrain and desired speed. Shift smoothly to avoid chain drops or damage.
 4. **Braking:** Use the hydraulic disc brake levers on the handlebars to slow down or stop. Apply both brakes simultaneously for optimal stopping power and control.
 5. **Headlight and Horn:** Operate the headlight and horn using the dedicated buttons on the handlebars for visibility and safety.

Maintenance

Regular maintenance ensures the longevity and safe operation of your KETELES K800 electric bicycle.

• Battery Care:

- Charge the battery fully after each ride, especially if it will be stored for an extended period.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.

- Charge time is approximately 8-10 hours.
- **Tire Pressure:** Regularly check and maintain the recommended tire pressure for optimal performance and safety. The fat tires require specific pressure ranges for different terrains.
- **Brake System:** Inspect brake pads for wear and replace them as needed. Ensure brake levers are responsive and the hydraulic system is free of leaks.
- **Chain and Drivetrain:** Keep the chain clean and lubricated. Check for wear on the chain, gears, and derailleur.
- **Frame and Components:** Periodically check all bolts, nuts, and quick releases for tightness. Clean the frame with a damp cloth and mild detergent. Avoid high-pressure washing directly on electrical components.
- **Suspension Fork:** Keep the suspension fork clean and check for smooth operation.

Troubleshooting

This section addresses common issues you might encounter with your KETELES K800 electric bicycle.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged, battery not properly seated, loose electrical connection, display issue.	Ensure battery is fully charged and securely installed. Check all visible electrical connections. Press "M" button firmly.
Motor not assisting.	PAS level too low, throttle not engaged, brake levers engaged, motor connection issue.	Increase PAS level using "+" button. Ensure throttle is twisted. Check that brake levers are not depressed. Inspect motor cable connections.
Brakes feel weak or noisy.	Worn brake pads, air in hydraulic line, misaligned caliper, dirty rotor.	Inspect and replace brake pads if worn. Consult a bike mechanic for hydraulic system bleeding or caliper adjustment. Clean rotors.
Gears are not shifting smoothly.	Derailleur misalignment, stretched cable, dirty drivetrain.	Clean and lubricate the chain and gears. Adjust derailleur limits and cable tension.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact customer support.

Specifications

Feature	Detail
Model Name	KETELES K800
Bike Type	Electric Bike
Brand	GJWLOMG
Motor	Dual 1000W Brushless Hub Motors (2000W total)
Battery	23AH Removable Lithium Battery
Wheel Size	26 Inches
Tires	26 x 4.0 inch Chaoyang Fat Tires
Brake Style	Hydraulic Disc
Suspension Type	Front (Lockable Aluminum Suspension Fork)
Frame Material	Aluminum Alloy

Feature	Detail
Gears	Shimano 21-Speed
Color	Black
Assembly Required	No (Minimal assembly required)
UPC	726482326734

GCC and UL2849 certification

General Certificate of Conformity	General Certificate of Conformity	UL 2849 TEST REPORT																																																																
<p>1. Identification of the product covered by this certificate: Certificate No.: HK230324201R Sample Name: Electric Bicycle Model No.: K800 Trade Mark: N/A Sample Description: Cycling ASIN: N/A As shown in the Test Report No.: HK230324201-1RR</p> <p>2. Age grading: 18+ years old</p> <p>3. Citation to each CPSC non children's product safety rule to which this product is being certified: Applicable Standard(s) As specified in title 16, code of federal regulations, chapter II- consumer products safety commission of U.S.A 16 CFR 1500.50 51.52.53 Simulating use and abuse of toys 16 CFR Part 1512 Requirements For Bicycles. - USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint - USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children's products containing Lead, Lead paint rule - USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates - USA 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates -CPSC Section 14(a) (5) Tracking Labels for Children's Products (15 USC §2053(a)(5) (CPSIA))</p> <p>4. Identification of the U.S. importer or domestic manufacturer certifying compliance of the product: Importer: DMH ENTERTAINMENT INC. Address: 16301 NE 8TH ST STE138 BELLEVUE,WA 98008-0000 USA Phone: (520)350-7966 Email: goodtoy98@gmail.com Contact: DANG MING HAN</p>	<p>5. Contact information for the individual maintaining records of test results: Applicant : Shenzhen Tuxiang Technology Co.,Ltd. Address: 301, Weinakang Factory, Luolan Community, Yankuo Str, Bao' an District, Shenzhen, Guangdong,China. Contact: Kai Huang Address: 301, Weinakang Factory, Luolan Community, Yankuo Str, Bao' an District, Shenzhen, Guangdong,China. Phone: 15819712492 Email: 15819712492@139.com</p> <p>6. Date and place where this product was manufactured: Certificate No.: HK230324201R Applicant: Shenzhen Tuxiang Technology Co.,Ltd. Address: 301, Weinakang Factory, Luolan Community, Yankuo Str, Bao' an District, Shenzhen, Guangdong,China. Manufacturer: Shenzhen Tuxiang Technology Co.,Ltd. Address: 301, Weinakang Factory, Luolan Community, Yankuo Str, Bao' an District, Shenzhen, Guangdong,China. Phone: 15819712492 Manufacture Date: March 1, 2023 Manufacture Place: Shenzhen city, Guangdong Province, China Manufacturer Part Number: N/A</p> <p>7. Provide the date(s) and place when the product was tested for compliance with the consumer Product safety rule(s) cited above: Testing Date: March 29, 2023 Address: Shenzhen city, Guangdong Province, China</p> <p>8. Identify any third party, CPSC-accepted laboratory on whose testing the certificate depends: Third Party laboratory: Shenzhen HUXIANG Testing Technology Co., LTD. Address: 12/F, Building B2, Jianfeng Zhongzheng Zhaao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China Phone: + (86)756 2302 9901 Email: service@ceer-mark.com Online: http://www.ceer-mark.com CPSC lab-ID: 1710 Manufacturer's seal: March 29, 2023</p>	<div style="text-align: center;"> Shenzhen Wuxiang Testing (Group) Co., Ltd Report No. WUX202303240956UL </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td>Report No.:</td> <td>WUX202303240956UL</td> <td>Client:</td> <td>Shenzhen Tuxiang Technology Co.,Ltd.</td> </tr> <tr> <td>Product:</td> <td>Electric Bicycle</td> <td>Rated data:</td> <td>Adaptor Input: AC100-240V~ , 2.2A(Max.), 50/60Hz Output: DC 54.6V === 2.0A</td> </tr> <tr> <td>Project Engineer:</td> <td>Tony BI</td> <td></td> <td></td> </tr> <tr> <td>Test Engineer:</td> <td>Rust He</td> <td>Protection class:</td> <td>--</td> </tr> <tr> <td>Application Date:</td> <td>March 24, 2023</td> <td>Protection against moisture:</td> <td>Min. IP44</td> </tr> <tr> <td>Requested Date:</td> <td>March 30, 2023</td> <td>Construction:</td> <td>With battery 48V 23AH</td> </tr> <tr> <td>Re-test:</td> <td></td> <td>Operation mode:</td> <td>Continuous</td> </tr> <tr> <td>Full-test:</td> <td></td> <td>Weight:</td> <td>> 20kg</td> </tr> <tr> <td>Tested Model :</td> <td>K800</td> <td>Sample No.:</td> <td>1#</td> </tr> <tr> <td>Should the heating test be done in heating oven?</td> <td><input type="checkbox"/> Yes °C <input checked="" type="checkbox"/> No</td> <td></td> <td></td> </tr> <tr> <td>Altitude during operation (m)</td> <td><input type="checkbox"/> Up to 2000 <input checked="" type="checkbox"/> No</td> <td></td> <td></td> </tr> <tr> <td>Altitude of test laboratory (m)</td> <td><input type="checkbox"/> below 2000 <input checked="" type="checkbox"/> No</td> <td></td> <td></td> </tr> <tr> <td>Other information:</td> <td colspan="3">Outdoor used, With battery 48V,23AH, With over charge protection, Over discharge protection, over current protection and temperature protection.</td> </tr> </table> <div style="margin-top: 10px;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <td colspan="2">Lab Use Only</td> <td>Lab Start Date</td> <td>March 24, 2023</td> <td>Lab Finish Date</td> <td>March 30, 2023</td> </tr> <tr> <td colspan="2"></td> <td>Ambient Temperature, °C</td> <td>24.1</td> <td>Relative Humidity, %</td> <td>49</td> </tr> </table> <p>Remarks:</p> <p>Tested by (Engineer, Rust He): </p> <p style="text-align: right;">Checked by Manager: Tony BI </p> </div>	Report No.:	WUX202303240956UL	Client:	Shenzhen Tuxiang Technology Co.,Ltd.	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Figure 8: General Certificate of Conformity (GCC) and UL 2849 Test Report for the KETELES K800 electric bicycle, ensuring safety and quality standards.

Warranty and Support

The KETELES K800 electric bicycle comes with a limited warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, parts, or warranty claims, please contact the seller directly.

Seller: KETELES US store

For additional protection, consider available protection plans:

- 2-Year Protection Plan (e.g., \$99.99)
- Complete Protect (e.g., \$16.99/month)

Note: Protection plan details and availability may vary. Please check with your retailer for current offerings.

