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› KETELES K800 Electric Bike User Manual

KETELES K800

KETELES K800 Electric Bike User Manual

Model: K800 | Brand: KETELES

INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your KETELES K800 Electric Bike. The K800 is an Electric Bike for Adults featuring AWD, dual 2000W peak motors, a 48V 23AH battery, hydraulic brakes, and 21 speeds, designed for various terrains including dirt. Please read this manual thoroughly before first use.



Figure 1: KETELES K800 Electric Bike in blue, showcasing its robust design and fat tires.

SAFETY WARNINGS

- Always wear a helmet and appropriate safety gear when riding.
- Adhere to all local traffic laws and regulations.
- Do not operate the bike under the influence of alcohol or drugs.
- Ensure all components are securely fastened before each ride.
- Avoid riding in extreme weather conditions, especially heavy rain or snow, to prevent damage to electrical components.
- Keep the battery dry and avoid submerging it in water.

- Regularly inspect brakes, tires, and electrical connections for wear or damage.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. The K800 electric bike is 85% pre-assembled for your convenience.

- KETELES K800 Electric Bike Frame (partially assembled)
- Front Wheel with Motor
- Rear Wheel with Motor (pre-installed on frame)
- 48V 23AH Removable Lithium Battery
- Handlebar Assembly
- Seat Post with Saddle
- Pedals (Left and Right)
- Front and Rear Fenders
- Headlight and Taillight
- Rear Rack
- Tool Kit
- Charger
- Keys for Battery Lock

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Video 1: K800 Unboxing and Assembly Tutorial. This video demonstrates the unboxing process and initial assembly steps, including identifying all components.

SETUP AND ASSEMBLY

Follow these steps to complete the assembly of your KETELES K800 Electric Bike. Refer to the assembly video for visual guidance.

1. Handlebar Installation

Attach the handlebar assembly to the stem. Ensure the handlebars are centered and the bolts are tightened securely. Connect all necessary cables from the handlebar to the bike frame.

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Video 1 (continued): Handlebar installation is demonstrated from approximately 2:15 to 2:49.

2. Seat Post Installation

Insert the seat post with the saddle into the frame's seat tube. Adjust the height to your comfort and secure it with the quick-release lever.

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Video 1 (continued): Seat post installation is demonstrated from approximately 2:50 to 3:01.

3. Front Wheel Installation

Carefully align the front wheel with the front fork. Ensure the brake rotor slides correctly into the caliper. Secure the wheel using the provided nuts and wrench.

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Video 1 (continued): Front wheel installation is demonstrated from approximately 3:22 to 4:18.

4. Fender and Headlight Installation

Attach the front and rear fenders to their respective mounting points. Install the headlight onto the front fork and connect its wiring.

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Video 1 (continued): Fender and headlight installation is demonstrated from approximately 4:26 to 5:34.

5. Rear Rack and Pedal Installation

Mount the rear rack securely to the designated points on the bike frame. Attach the pedals to the crank arms, ensuring the left (L) and right (R) pedals are on the correct sides and tightened firmly.

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Video 1 (continued): Rear rack and pedal installation is demonstrated from approximately 5:35 to 7:05.

6. Battery Installation

Slide the 48V 23AH battery into its compartment on the bike frame. Ensure it clicks into place and is locked securely with the key. Charge the battery fully before first use (7-9 hours for a full charge).

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Video 1 (continued): Battery installation is demonstrated from approximately 7:06 to 7:19.

OPERATING YOUR K800 ELECTRIC BIKE

Power On/Off and Display

To power on the bike, locate the on/off button, typically near the +/- power assist buttons on the handlebar. The color LCD display will activate, showing battery level, current speed, power assist gear, and travel distance. To power off, press and hold the power button.



Figure 2: Detailed view of the K800's color LCD display and handlebar controls, including the shift lever, PSA up/downshift, horn, lamp, throttle, and front motor on-off switch.

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Video 2: K800 Front and Rear Wheel Display. This video highlights the functionality of the LCD display and its various readouts.

Riding Modes and Speed Control

The K800 offers 5 versatile riding modes: dual-motor pure electric, single-motor pure electric, power-assisted, walking mode, and cruise mode. Use the adjustable switch on the handlebar to toggle between single-motor and dual-motor modes. The 21-speed transmission allows for optimal gear selection across different terrains.



Figure 3: Illustration of the K800's various riding modes, highlighting its adaptability to different riding preferences and conditions.

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Video 3: K800 Removes Speed Limit. This video demonstrates how to adjust or remove the speed limit on the K800 electric bike.

Dual Motor System

The K800 is equipped with two high-performance 2000W peak motors, delivering a combined 4000W peak power and 170N·M torque. This powerful system allows the bike to tackle all terrains and climb inclines up to 40° with ease. The handlebar switch allows you to engage either one or both motors as needed.



Figure 4: Visual representation of the K800's powerful front and rear dual motors, highlighting their 4000W peak output.

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Video 4: K800 Dual Motor Electric Bicycle for Adults. This video provides an overview of the bike's dual motor capabilities and overall performance.

Battery and Range

The K800 features a high-capacity removable 48V 23AH battery (1104WH). This provides a pure electric range of approximately 40-50km (25-31 miles) and an electric assist range of 80-100km (50-62 miles), depending on load and terrain. The fast charging system allows for a full charge in 7-9 hours.



1104WH

48V 23AH

Removable Lithium Battery

It is convenient for users to charge at any time, provides a long cruising range, adopts multiple protection measures, and is environmentally friendly and energy-saving

7-9 hour charging time

More than 1000 charging cycles

Waterproof Material

Ride up to 55-65km

Pure Electric Mode About 40-50km (31miles)

Figure 5: Close-up of the K800's 48V 23AH removable lithium battery, highlighting its capacity and charging features.

Fat Tires and Braking System

Equipped with 26" x 4" fat tires, the K800 excels on diverse terrains including beaches, snow, gravel roads, and mud. The bike features hydraulic disc brakes on both the front and rear wheels, providing reliable stopping power with a power cut-off feature for enhanced safety.

26" x 4.0 Fat Tire

*Good grip, tear resistance, stud resistance
stability. Whether it is mountain
road or snow, it performs well.*



flat road



gravel road



mountain road



snow road

Figure 6: The K800's 26" x 4.0" fat tire, designed for superior grip and stability across various challenging terrains.



Lockable Suspension Fork



Hydraulic Disc Brake



Robust Rear Frame



High Bright Headlamp

Figure 7: Key features of the K800 including the lockable suspension fork, hydraulic disc brake, robust rear frame, and high bright headlamp.

MAINTENANCE

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

- **Cleaning:** Use a damp cloth to wipe down the bike. Avoid high-pressure water jets directly on electrical components.
- **Tires:** Check tire pressure regularly. The 26" x 4" fat tires require specific pressure for optimal performance and comfort on different terrains.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **Brakes:** Inspect brake pads and rotors for wear. Adjust hydraulic disc brakes as needed to maintain effective stopping power.

- **Battery Care:** Store the battery in a cool, dry place. Charge it regularly, even if not in use, to maintain battery health. Avoid fully discharging the battery.
- **Fasteners:** Periodically check all bolts and fasteners for tightness, especially on the handlebars, seat post, wheels, and rack.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not properly seated, power button not pressed correctly, loose electrical connection.	Charge battery fully. Ensure battery is securely installed. Press and hold power button. Check main power connections.
Motor not engaging	Power assist level too low, throttle not engaged, brake levers engaged, motor connection loose.	Increase power assist level. Ensure throttle is fully twisted. Release brake levers. Check motor cable connections.
Brakes feel weak	Worn brake pads, air in hydraulic lines, misaligned calipers.	Inspect and replace brake pads if worn. Bleed hydraulic brakes (professional service recommended). Adjust caliper alignment.
Display not working	Loose display cable, display unit malfunction.	Check display cable connection. Contact customer support if issue persists.

SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Brand	KETELES
Model Name	K800
Motor	Dual 2000W Peak Motors (4000W total peak power)
Torque	170N·M
Battery	48V 23AH Removable Lithium Battery (1104WH)
Charging Time	7-9 hours
Pure Electric Range	40-50 Km (25-31 miles)
Electric Assist Range	80-100 Km (50-62 miles)

Feature	Detail
Tires	26" x 4" Fat Tires
Gears	21 Speed Transmission
Brakes	Hydraulic Disc Brake with power cut-off Feature
Frame Material	Lightweight Aluminum Alloy
Suspension	Front Suspension Fork
Load Capacity	Up to 440 pounds
Item Weight	83.78 Pounds



Figure 8: K800 dimensions and weight capacity, indicating a maximum load of 440 lbs and recommended rider height.

WARRANTY AND SUPPORT

KETELES provides a 12-month warranty on the battery, motor, and controller. Lifetime technical support is also available. For any questions or assistance, please contact KETELES customer support. They aim to provide solutions within 24 hours.

- **Warranty Period:** 12 months for battery, motor, and controller.
- **Technical Support:** Lifetime technical support.
- **Returns:** Returns are supported within 30 days. Please keep the original packaging for possible returns.



Figure 9: KETELES customer service details, including warranty information and contact response time.

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