

LANKELEISI RX800 Plus

LANKELEISI RX800 Plus Electric Fat Bike User Manual

Model: RX800 Plus

1. INTRODUCTION

Welcome to the LANKELEISI RX800 Plus Electric Fat Bike user manual. This document provides essential information for the safe and efficient operation, assembly, and maintenance of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference. Proper understanding and adherence to these instructions will ensure a long and enjoyable experience with your RX800 Plus.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet when riding. Familiarize yourself with local laws and regulations regarding electric bicycles. Perform a pre-ride safety check before each use.

2.1 Pre-Ride Safety Check

- **Brakes:** Ensure both front and rear brakes are functioning correctly.
- **Tires:** Check tire pressure and inspect for any damage.
- **Battery:** Verify the battery is securely installed and sufficiently charged.
- **Fasteners:** Confirm all bolts and quick releases are tightened.
- **Lights:** Test front and rear lights for proper operation.

2.2 Battery Safety

- Only use the charger provided with your bike.
- Do not expose the battery to extreme temperatures or direct sunlight for extended periods.
- Avoid fully discharging the battery. Charge regularly.
- If the battery is damaged, do not use it and contact support.

3. PACKAGE CONTENTS

Carefully unpack your LANKELEISI RX800 Plus and check that all components are present:

- 1 x RX800 PLUS Electric Bike
- 1 x Charger
- 1 x Anti-theft Lock
- 1 x Pump
- 1 x Hex Tool Kit



Image: The LANKELEISI RX800 Plus electric fat bike, showcasing its robust design and full suspension.

4. SETUP AND ASSEMBLY

The RX800 Plus requires some assembly. Follow these steps carefully:

4.1 Unpacking

Remove the bike and all components from the packaging. Retain the packaging for future transport or storage.

4.2 Handlebar Installation

1. Attach the handlebar to the stem using the provided bolts.
2. Ensure the handlebar is centered and aligned with the front wheel.
3. Tighten the bolts securely.

4.3 Pedal Installation

- Identify the left (L) and right (R) pedals.
- The right pedal (R) threads clockwise into the right crank arm.
- The left pedal (L) threads counter-clockwise into the left crank arm.
- Tighten pedals firmly with a wrench.



Image: Close-up view of the bike's crankset and integrated motor, highlighting the pedal attachment area.

4.4 Seat Post Adjustment

Insert the seat post into the frame. Adjust the seat height so your leg has a slight bend at the knee when the pedal is at its lowest point. Secure the quick-release lever firmly.

4.5 Tire Inflation

Inflate tires to the recommended pressure indicated on the tire sidewall. Use the included pump.

4.6 Battery Charging and Installation

1. Fully charge the battery before first use. Connect the charger to the battery and then to a power outlet.
2. Once charged, slide the battery securely into its compartment on the bike frame. Ensure it clicks into place.

5. OPERATING INSTRUCTIONS

Understand the controls and functions of your RX800 Plus for an optimal riding experience.

5.1 Powering On/Off

Press and hold the power button on the display unit to turn the bike's electrical system on or off.

5.2 Display Functions

The LCD display shows speed, battery level, pedal assist level, and trip distance. Refer to the separate display manual for detailed functions and settings.

5.3 Pedal Assist System (PAS)

The RX800 Plus features a Pedelec system. Use the '+' and '-' buttons on the control panel to select your desired pedal assist level (typically 0-5). Level 0 provides no motor assistance, while higher levels provide more power.

5.4 Gear Shifting

Your bike is equipped with a 7-speed derailleur system and a twist grip shifter. Rotate the grip to change gears. Shift to a lower gear for climbing hills and a higher gear for flat terrain or downhill riding.

5.5 Braking

The bike features hydraulic disc brakes for reliable stopping power. Apply both front and rear brakes simultaneously for controlled deceleration. Avoid sudden, hard braking, especially with the front brake, to prevent skidding.



Image: Detailed view of the bike's front headlight, essential for night riding safety.

6. MAINTENANCE

Regular maintenance ensures the longevity and safety of your electric bike.

6.1 Cleaning

Clean your bike regularly with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components or bearings.

6.2 Tire Care

Check tire pressure weekly and inflate as needed. Inspect tires for cuts, punctures, or excessive wear.

6.3 Brake System

Periodically check brake pads for wear. If braking performance decreases, inspect the hydraulic fluid level and consider professional servicing.

6.4 Chain Lubrication

Lubricate the chain every 100-200 km or after riding in wet conditions. Use a bicycle-specific chain lubricant.

6.5 Battery Care

Store the battery in a cool, dry place when not in use. If storing for extended periods, charge it to 50-70% every 1-2 months.

6.6 Fastener Checks

Regularly check all bolts and screws for tightness, especially on critical components like handlebars, seat post, and wheels.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Bike not powering on:** Check battery connection, ensure battery is charged, and verify display cable connections.
- **Motor not assisting:** Ensure PAS level is not 0. Check brake levers; some e-bikes cut motor power if brakes are engaged. Verify all electrical connections.
- **Brakes feel spongy:** This may indicate air in the hydraulic lines or worn pads. Professional servicing is recommended.
- **Gears skipping:** Check for bent derailleur hanger or improperly adjusted derailleur cables.

If you encounter issues not listed here or cannot resolve a problem, please contact LANKELEISI customer support.

8. SPECIFICATIONS

Model Name	RX800 Plus
Brand	LANKELEISI
Bike Type	Electric Mountain Bike, Fat Bike
Age Range	Adult
Wheel Size	20 Inches
Wheel Width	4 Inches
Number of Speeds	7
Suspension Type	Full Suspension
Brake Type	Disc (Hydraulic)
Special Features	Dual Disc Brake, Dual Suspension
Power Source	Electric Motor
Wattage	250 Watts
Lithium Battery Capacity	960 Watt-hours (48V 20Ah)

Electric Assist Type	Pedelec
Item Weight	39.5 Kilograms
Recommended Max Load	200 Kilograms
Minimum User Height	160 Centimeters
Assembly Required	Yes
Specific Product Uses	Gravel, Snow, Trail, Road

9. WARRANTY AND SUPPORT

The LANKELEISI RX800 Plus comes with a limited manufacturer's warranty. Please refer to your purchase documentation for specific terms and conditions. Generally, a 1-year warranty is provided for manufacturing defects. For technical support, warranty claims, or any questions regarding your electric bike, please contact LANKELEISI customer service through the retailer where you purchased the product.

© 2024 LANKELEISI. 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

Answered questions about this manual

How do I perform maintenance on the LANKELEISI RX800 Plus 1000W motor?

Based on the LANKELEISI RX800 Plus manual, the motor itself is an integrated component that generally requires minimal direct internal maintenance by the user. However, to ensure the longevity and performance of the motor...

[Read full answer](#)