

Nilox K10 Plus

Nilox K10 Plus Fat Bike Elettrica User Manual



1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and care of your Nilox K10 Plus Electric Fat Bike. Please read this manual thoroughly before your first ride and retain it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and longevity of your e-bike.

The Nilox K10 Plus is an electric fat bike designed for versatile terrain use. It features 20" x 4" fat tires, dual disc brakes, front suspension, and a removable 36V – 10Ah battery, providing up to 60 km of assisted range. Equipped with a 250W brushless motor, SHIMANO 6-speed gears, LED lights, and an LCD display offering 5 riding modes, the K10 Plus is suitable for various riding conditions.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local traffic laws and regulations regarding electric bicycles. Regular maintenance checks are crucial for safe operation.

- Always wear a certified helmet.
- Ensure all lights are functional, especially when riding in low light conditions.
- Check tire pressure, brakes, and battery charge before each ride.
- Do not exceed the maximum weight capacity of the bike.
- Avoid riding in adverse weather conditions if you are not experienced.
- Keep hands and feet clear of moving parts.
- Do not modify the e-bike's electrical system or motor.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all components are present and undamaged:

- Nilox K10 Plus Electric Fat Bike (partially assembled)
- Removable Battery Pack

- Battery Charger
- Keys for Battery Lock
- Bell
- Kickstand
- User Manual (this document)

4. SETUP AND INITIAL CHECKS

Your Nilox K10 Plus is largely pre-assembled. Follow these steps for final setup and initial safety checks:

1. **Unfolding (if applicable):** If your model is foldable, carefully unfold the frame and secure all locking mechanisms. Ensure the handlebar stem is upright and locked into position.
2. **Handlebar Adjustment:** Adjust the handlebar height and angle to a comfortable riding position. Ensure all quick-release levers are securely tightened.
3. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread the pedals into the crank arms by hand, then tighten securely with a wrench. Note that the left pedal has a reverse thread.
4. **Tire Pressure:** Check the tire pressure using a gauge. Inflate to the recommended pressure indicated on the tire sidewall. Fat tires typically require lower pressure than standard bike tires.
5. **Brake Check:** Squeeze both brake levers to ensure they engage properly and stop the wheels effectively. Adjust cable tension if necessary.
6. **Battery Installation & Charging:** Insert the fully charged battery into its compartment and lock it securely with the key. Ensure the battery is fully charged before your first ride. Refer to the 'Battery Information' section for charging instructions.
7. **Quick Release Levers:** Verify that all quick-release levers (e.g., seat post, handlebar stem) are properly closed and tightened.

5. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Nilox K10 Plus e-bike:



Figure 5.1: Nilox K10 Plus Electric Fat Bike, side view. This image shows the complete Nilox K10 Plus electric fat bike from the side, highlighting its robust frame, fat tires, and overall design. Key components like the battery pack, motor, and rear rack are visible.



Figure 5.2: Front wheel, suspension fork, and disc brake. A close-up view of the front wheel, showcasing the wide fat tire, the front suspension fork for improved ride comfort, and the disc brake system for effective stopping power.



Figure 5.3: Rear rack, taillight, and fat tire. Detail of the rear section of the bike, featuring the sturdy rear rack for carrying items, the integrated taillight for visibility, and the wide fat tire designed for stability on various surfaces.



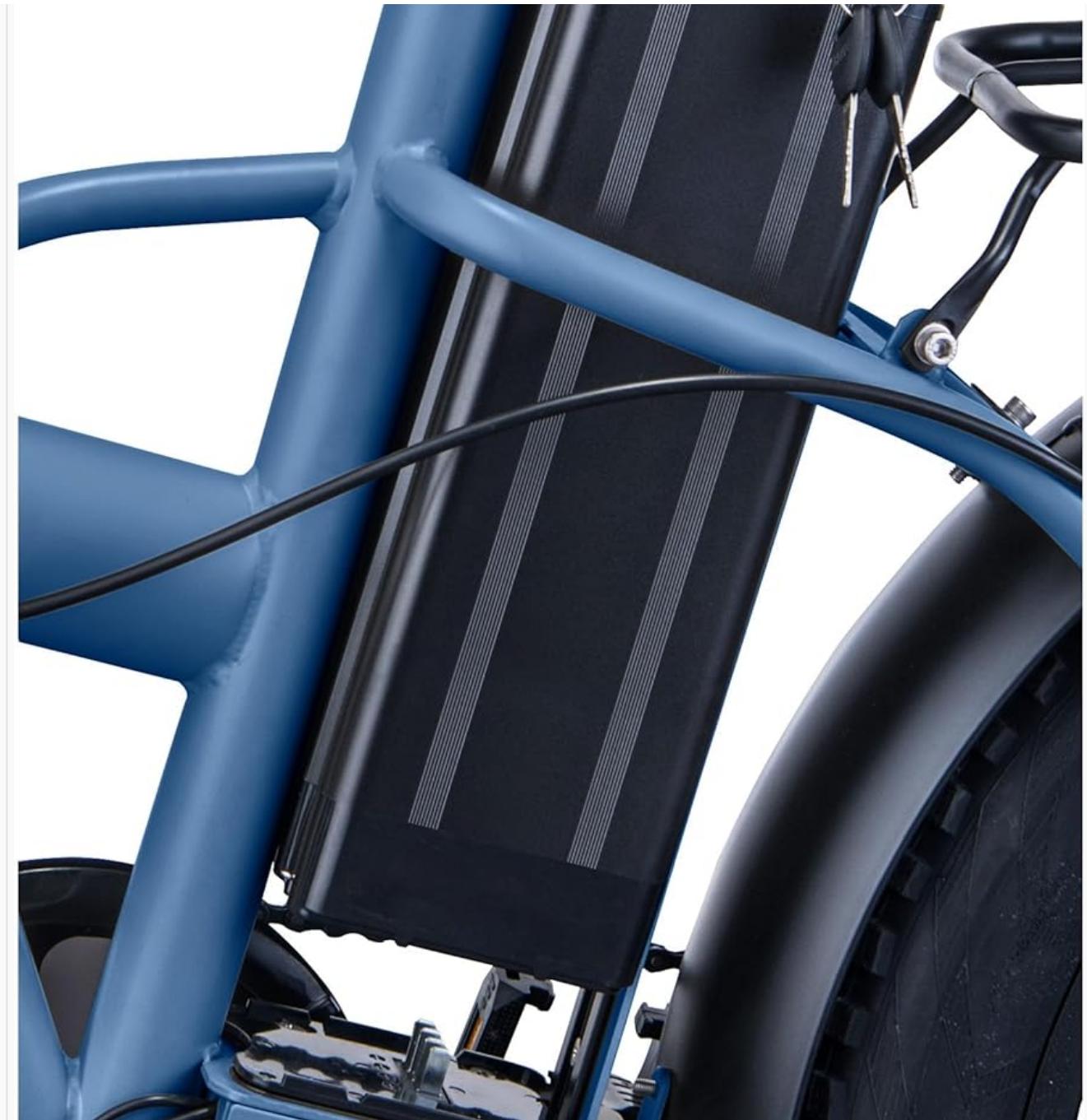


Figure 5.4: Removable battery pack. This image illustrates the removable battery pack located on the bike's frame. The battery can be easily detached for convenient charging or security.



Figure 5.5: Rear wheel, motor, Shimano derailleurs, and disc brake. A detailed view of the rear wheel assembly, showing the electric motor, the SHIMANO 6-speed derailleurs system for gear changes, and the rear disc brake caliper.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- To power on the e-bike, press and hold the power button on the LCD display until the screen illuminates.
- To power off, press and hold the power button again until the display turns off.

6.2 LCD Display and Riding Modes

The LCD display provides information such as speed, distance, battery level, and assistance level. Use the '+' and '-' buttons to cycle through the 5 available riding modes (levels of pedal assistance). A higher number indicates more motor assistance.

6.3 Shifting Gears

Your Nilox K10 Plus is equipped with a SHIMANO 6-speed gear system. Use the shifter located on the handlebar to change gears. Shift to a lower gear for easier pedaling on inclines and a higher gear for faster speeds on flat terrain. Always ease off the pedals slightly when shifting to ensure smooth transitions.

6.4 Braking

The e-bike features dual disc brakes for reliable stopping power. The right lever typically controls the rear brake, and the left lever controls the front brake. Apply both brakes simultaneously for effective and controlled stopping. Avoid sudden, hard braking with only the front brake, especially at high speeds, to prevent loss of control.

6.5 Lights

The integrated LED lights enhance visibility. Operate them via the controls on the handlebar or display, as per your model's specific design. Ensure they are on when riding in low light or at night.

7. BATTERY INFORMATION

The Nilox K10 Plus uses a removable 36V – 10Ah Lithium-ion battery.

7.1 Charging the Battery

1. Ensure the e-bike is powered off.
2. The battery can be charged either on or off the bike. To remove, unlock the battery with the provided key and slide it out.
3. Connect the charger to the battery's charging port, then plug the charger into a standard wall outlet.
4. The charger's indicator light will typically show red during charging and turn green when fully charged.
5. Charging time may vary, but typically takes several hours for a full charge. Do not overcharge.
6. Once charged, disconnect the charger from the outlet and then from the battery.

7.2 Battery Care and Storage

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, charge the battery to approximately 50-70% every 2-3 months to maintain its health.
- Do not expose the battery to water or moisture.
- Only use the charger provided by Nilox.

8. MAINTENANCE

Regular maintenance ensures the safety and performance of your e-bike.

8.1 Cleaning

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

8.2 Tires

Check tire pressure before each ride. The 20" x 4" fat tires require specific pressures, usually lower than standard tires. Inspect tires for wear, cuts, or embedded objects.

8.3 Brakes

Regularly inspect brake pads for wear and replace them when necessary. Ensure brake levers operate smoothly and provide adequate stopping power. Check disc rotors for damage or warping.

8.4 Chain

Keep the chain clean and lubricated. A well-maintained chain reduces wear on gears and improves shifting performance.

8.5 Fasteners

Periodically check all bolts, nuts, and quick-release levers to ensure they are securely tightened.

9. TROUBLESHOOTING

This section addresses common issues you might encounter with your Nilox K10 Plus.

| Problem | Possible Cause | Solution |
|---------------------------------|---|---|
| E-bike does not power on | Battery not charged or not properly installed. Loose electrical connection. | Ensure battery is fully charged and securely locked in place. Check all visible cable connections. |
| Motor not providing assistance | Low battery charge. Pedal assist level set to zero. Brake levers engaged. | Charge the battery. Increase the pedal assist level on the display. Ensure brake levers are not being squeezed. |
| Brakes feel weak or noisy | Worn brake pads. Contaminated rotors. Loose brake cables. | Inspect and replace brake pads if worn. Clean rotors with disc brake cleaner. Adjust brake cable tension. Consult a professional if issues persist. |
| Gears are not shifting smoothly | Dirty or unlubricated chain. Derailleur out of adjustment. | Clean and lubricate the chain. Have the derailleur adjusted by a bike mechanic. |

For issues not listed here or if solutions do not resolve the problem, please contact Nilox customer support or a certified bicycle mechanic.

10. SPECIFICATIONS

| Feature | Specification |
|--------------|-------------------|
| Model | Nilox K10 Plus |
| Bicycle Type | Electric Fat Bike |

| Feature | Specification |
|--------------------|--------------------------------|
| Recommended Age | Adults |
| Frame Material | Steel Alloy |
| Wheel Size | 20 Inches (20" x 4" Fat Tires) |
| Motor Wattage | 250 Watts |
| Battery Type | 1 Lithium-ion (36V – 10Ah) |
| Max Assisted Range | Up to 60 km |
| Number of Speeds | 6 (SHIMANO) |
| Brake Type | Disc Brakes (Front and Rear) |
| Suspension Type | Front Suspension |
| Display | LCD with 5 Riding Modes |
| Lights | LED Lights |
| Item Weight | 36 Kilograms |
| Color | Blue |

11. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official Nilox website. Keep your proof of purchase for any warranty claims.

For technical support, spare parts, or service inquiries, please contact Nilox customer service through their official channels. Providing your model number (K10 Plus) and purchase details will help expedite your request.

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Related Documents - K10 Plus

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|---|---|
|  | <p>Nilox Electric Scooter V1 User Manual: Safety, Operation, and Maintenance Guide</p> <p>Comprehensive user manual for the Nilox Electric Scooter V1, covering safety instructions, operation, assembly, maintenance, troubleshooting, and technical specifications. Learn how to safely operate and care for your Nilox electric scooter.</p> |
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|  | <p>WAINLUX K10 Laser Engraving Machine User Manual - Setup, Operation, and Safety Guide</p> <p>This comprehensive user manual for the WAINLUX K10 laser engraving machine provides detailed instructions on setup, safety precautions, operation, software installation (CutLabX, LaserGRBL, LightBurn), connectivity, troubleshooting via FAQ, and maintenance procedures.</p> |
|  | <p>Zhongshan Meta Intelligence K10 Ball Lock User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the Zhongshan Meta Intelligence K10 ball lock (model 2A97U-K10). Learn how to install, use, and troubleshoot your smart lock.</p> |
|  | <p>FATARUS K10 Tablet User Manual - Features, Specifications, and Troubleshooting</p> <p>Comprehensive user manual for the FATARUS K10 Tablet. Covers setup, features, connectivity (Wi-Fi, Bluetooth), specifications, troubleshooting common issues, and contact information. Includes SAR and FCC compliance statements.</p> |
|  | <p>Easythreed K10 3D Printer User Manual and Guide</p> <p>Comprehensive user manual for the Easythreed K10 3D printer, covering setup, operation, maintenance, and troubleshooting. Learn to print with PLA and TPU filaments using Easyware or CURA slicer.</p> |
|  | <p>K10 Kids Tablet User Manual and Warranty Information</p> <p>Comprehensive user manual and warranty card for the K10 Kids Tablet, detailing setup, features, maintenance, and safety guidelines. Includes multilingual support information.</p> |