

Nilox X8 Plus

Nilox E-Bike X8 Plus Electric Bicycle User Manual

Model: X8 Plus

1. INTRODUCTION

Thank you for choosing the Nilox E-Bike X8 Plus. This electric bicycle is designed for both urban commuting and light off-road use, offering pedal assistance, a robust design, and convenient features. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your e-bike. Please read it thoroughly before your first ride and keep it for future reference.



Image 1.1: The Nilox E-Bike X8 Plus, showcasing its foldable frame and fat tires.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to local traffic laws and regulations. Before each ride, perform a safety check:

- Ensure tires are properly inflated.
- Check that both front and rear brakes are functioning correctly.
- Verify that all quick releases and fasteners are securely tightened.
- Confirm that the battery is securely installed and charged.

- Test the lights and horn.

Warning: Do not operate the e-bike if any component is damaged or not functioning correctly. Consult a qualified technician for repairs.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are included:

- Nilox E-Bike X8 Plus (partially assembled)
- User Manual (this document)
- Assembly Kit (basic tools for initial setup)
- Battery Charger
- Removable Lithium-ion Battery (pre-installed or separate)

If any items are missing or damaged, please contact customer support immediately.

4. INITIAL SETUP AND ASSEMBLY

Your Nilox E-Bike X8 Plus comes partially assembled. Follow these steps to complete the setup:

1. **Unpacking:** Carefully remove the e-bike and all components from the packaging. Retain packaging for potential future transport or returns.
2. **Unfolding the Frame:** Locate the main folding hinge on the frame. Release the safety latch and unfold the frame until it locks into place. Secure the quick-release lever.



Image 4.1: Detail of the frame's folding hinge and quick-release lever.

3. **Handlebar Assembly:** Insert the handlebar stem into the fork tube. Adjust the height to a comfortable position and tighten the quick-release lever and any bolts securely. Ensure the handlebar is aligned with the front wheel.

4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Apply a small amount of grease to the threads and screw them firmly into the crank arms using the provided wrench.



Image 4.2: Standard pedal for the e-bike.

5. **Seat Post Installation:** Insert the seat post into the frame's seat tube. Adjust the height for comfortable pedaling (your leg should have a slight bend at the knee when the pedal is at its lowest point). Secure the quick-release lever.
6. **Battery Installation/Check:** Ensure the removable battery is correctly inserted into its compartment and locked. Refer to the 'Battery Information' section for details on charging.



Image 4.3: The removable lithium-ion battery pack, located on the frame.

7. **Pre-Ride Check:** Before your first ride, double-check all connections, bolts, and quick releases. Ensure brakes are functional and tires are inflated to the recommended pressure.

5. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Nilox E-Bike X8 Plus:

- **Frame:** Foldable steel alloy frame.

- **Motor:** 36V - 250W Brushless High Speed motor.
- **Battery:** Removable 36V - 13Ah Lithium-ion battery.
- **Wheels:** 20-inch FAT tires for enhanced stability and grip.
- **Brakes:** Front and rear disc brakes for reliable stopping power.
- **Gear System:** Shimano 7-speed mechanical gear system.
- **Display:** LCD digital display on the handlebar showing speed, battery level, and pedal assist mode.



Image 5.1: The LCD digital display, providing ride information.

- **Lights:** Integrated LED front light and rear light.
- **Fenders & Rack:** Front and rear fenders, and a rear luggage rack.



Image 5.2: Rear wheel assembly with Shimano 7-speed derailleur and integrated luggage rack.

6. OPERATING INSTRUCTIONS

To operate your Nilox E-Bike X8 Plus:

1. **Power On:** Press and hold the power button on the LCD display to turn on the e-bike system. The display will illuminate.
2. **Pedal Assist Modes:** Use the '+' and '-' buttons on the display to select one of the 5 pedal assist modes. Mode 1 provides the least assistance, while Mode 5 provides the most.
3. **Riding:** Begin pedaling. The motor will engage automatically based on the selected pedal assist mode. The motor provides assistance only when you are pedaling.
4. **Gears:** Use the Shimano 7-speed shifter to change gears according to terrain and desired speed. Lower gears are for climbing, higher gears for flat terrain and speed.
5. **Braking:** Apply both front and rear disc brakes smoothly and evenly to slow down or stop.
6. **Lights:** The integrated LED lights can be turned on/off via a button on the display or handlebar control.
7. **Power Off:** Press and hold the power button on the LCD display to turn off the e-bike system when you are finished riding.

7. BATTERY INFORMATION

The Nilox E-Bike X8 Plus is equipped with a removable 36V - 13Ah Lithium-ion battery, offering an assisted range of up to 70 km under optimal conditions.

7.1 Charging the Battery

1. Ensure the e-bike is turned off.
2. The battery can be charged while installed on the bike or removed. To remove, unlock the battery with the key and slide it out.
3. Connect the charger to the battery's charging port.

4. Plug the charger into a standard electrical outlet. The charger's indicator light will show charging status (typically red for charging, green for fully charged).
5. Charging time typically ranges from 4-6 hours for a full charge. Do not overcharge.
6. Once fully charged, disconnect the charger from the outlet and then from the battery.

7.2 Battery Care and Safety

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid completely draining the battery. Recharge it regularly, even if the bike is not in use for extended periods (e.g., once every 1-2 months).
- Use only the original charger provided with your e-bike.
- Do not expose the battery to water or moisture.
- If the battery is damaged or shows signs of overheating, discontinue use immediately and contact customer support.

8. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your e-bike.

8.1 General 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 Tire Care

Check tire pressure before each ride. The recommended pressure is usually indicated on the tire sidewall. Inspect tires for wear, cuts, or embedded objects.

8.3 Brake System

Regularly check brake pads for wear and replace them when necessary. Ensure brake levers have proper tension and that the disc rotors are clean and free of oil or grease.

8.4 Chain and Gears

Keep the chain clean and lubricated. Periodically check the gear system for smooth operation and adjust if shifting becomes imprecise.

8.5 Fasteners

Periodically check all bolts, nuts, and quick releases for tightness. Loose fasteners can lead to unsafe riding conditions.

9. TROUBLESHOOTING

This section addresses common issues you might encounter with your Nilox E-Bike X8 Plus.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
E-bike does not power on.	Battery not charged or not properly installed.	Charge the battery. Ensure the battery is fully inserted and locked into its compartment.
Motor not providing assistance.	Pedal assist mode is set to 0 or system is off.	Ensure the e-bike is powered on and a pedal assist mode (1-5) is selected on the display.
Brakes feel weak or noisy.	Worn brake pads, contaminated rotors, or loose cables.	Inspect brake pads and replace if worn. Clean rotors with disc brake cleaner. Adjust brake cable tension. If issues persist, consult a bike mechanic.
Gears are not shifting smoothly.	Dirty chain, misaligned derailleur, or stretched cable.	Clean and lubricate the chain. Check derailleur alignment. If necessary, have a bike mechanic adjust the gears.

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

10. SPECIFICATIONS

Feature	Detail
Model	Nilox X8 Plus
Bicycle Type	City Bike, Electric Bike
Recommended Age	Adults
Frame Material	Steel Alloy
Motor	36V - 250W Brushless High Speed
Max Speed (Assisted)	25 km/h
Battery	36V - 13Ah Removable Lithium-ion
Assisted Range	Up to 70 km (depending on conditions)
Charging Time	Approx. 4-6 hours
Wheel Size	20 Inches (FAT tires)
Brake Type	Front and Rear Disc Brakes
Number of Speeds	7 (Shimano Gearbox)
Suspension Type	No Suspension
Features	Odometer, Digital Display, Foldable, Rechargeable, LED Lights

Feature	Detail
Product Dimensions (L x D x H)	166 x 59 x 111 cm (unfolded)
Item Weight	23 kg
Color	Hunter Green

11. WARRANTY AND SUPPORT

Nilox products are covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and product. Please refer to the warranty card included with your purchase or visit the official Nilox website for detailed warranty information.



11.1 Customer Support





If you have any questions, require technical assistance, or need to report a problem with your Nilox E-Bike X8 Plus, please contact Nilox customer support. Contact details can typically be found on the Nilox website or in the documentation provided with your product.

When contacting support, please have your product model (X8 Plus) and purchase information readily available.

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Related Documents - X8 Plus

	<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>
	<p>Nilox UPS Premium SineWave 2000/3000 VA User Manual</p> <p>Comprehensive user manual for Nilox UPS Premium SineWave models (2000 VA and 3000 VA), detailing installation, operation, maintenance, and troubleshooting for reliable power protection.</p>

	<p>Nilox PS300 Portable Power Station User Guide</p> <p>User guide for the Nilox PS300 Portable Power Station, detailing its features, specifications, usage instructions, charging methods, troubleshooting tips, security advice, and environmental information.</p>
	<p>Nilox NXAIRPUMP Portable Electric Air Compressor Instruction Manual</p> <p>This manual provides comprehensive instructions for the Nilox NXAIRPUMP Portable Electric Air Compressor, covering setup, operation, features, troubleshooting, and safety guidelines for efficient and reliable use.</p>
	<p>KMC Bicycle Chains and Drivetrain Components 2026</p> <p>Explore the KMC 2026 product catalog featuring a comprehensive range of bicycle chains, including e-bike specific solutions, DLC technology, X-Series, TT series, and more. Discover compatible chainrings, sprockets, and essential tools for optimal performance and durability.</p>
	<p>Fanttik X8 Ace Air Inflator User Manual - Portable Bike Tire Pump Guide</p> <p>Comprehensive user manual for the Fanttik X8 Ace portable digital air inflator. Learn how to use, maintain, and troubleshoot your bike pump for E-Bikes, Mountain Bikes, City Bikes, and Road Bikes. Includes specifications and warranty information.</p>

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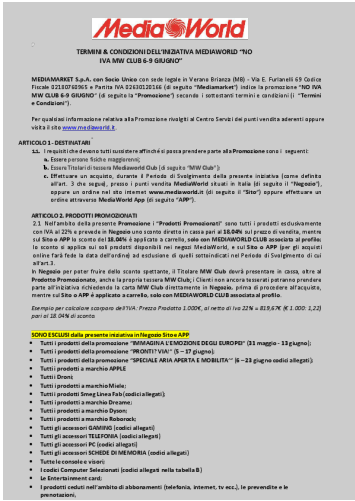


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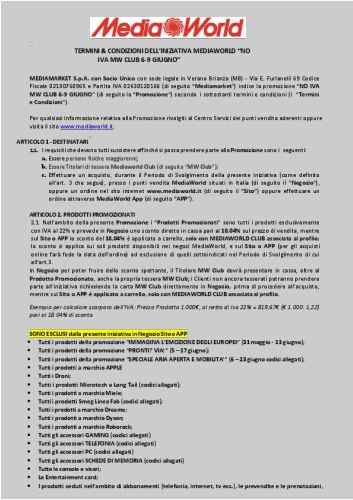


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