

NCM MILANOPLUS

NCM Milano Plus Electric City Bike User Manual

Model: MILANOPLUS

1. INTRODUCTION

Welcome to the NCM Milano Plus Electric City Bike user manual. This manual provides essential information for the safe operation, maintenance, and care of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure proper assembly, safe usage, and to maximize the lifespan of your bike.

The NCM Milano Plus is designed as a versatile electric city bike, featuring a powerful 500W hub motor, a large capacity 48V 16Ah removable lithium battery, hydraulic disc brakes, and an 8-speed gear system. It offers a comfortable and efficient riding experience for urban commuting and leisure.

2. SAFETY INSTRUCTIONS

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations.

2.1 General Safety

- Always perform a pre-ride inspection, checking brakes, tires, and battery security.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and anticipate potential hazards.
- Ensure all bolts and quick releases are properly tightened before each ride.

2.2 Battery Safety

- Only use the charger supplied with your NCM Milano Plus.
- Do not expose the battery to extreme temperatures or direct sunlight for prolonged periods.
- Do not attempt to open or modify the battery pack.
- Charge the battery in a well-ventilated area, away from flammable materials.

2.3 Braking Safety

- Your bike is equipped with hydraulic disc brakes. Familiarize yourself with their stopping power.
- Apply both front and rear brakes simultaneously for optimal stopping and control.

- Braking distance may increase in wet or slippery conditions.

3. COMPONENTS OVERVIEW

The NCM Milano Plus features a robust design with key electric and mechanical components integrated for performance and reliability.



Figure 3.1: Front-side view of the NCM Milano Plus Electric City Bike, showcasing the frame, wheels, handlebars, and integrated battery.



Figure 3.2: Angled view of the NCM Milano Plus, highlighting the step-through frame design and rear rack.



Figure 3.3: Side view of the NCM Milano Plus, showing the battery compartment, motor, and disc brakes.

Key Components:

- **Frame:** Aluminum step-through frame for easy mounting and dismounting.
- **Motor:** 500W powerful hub motor, located in the rear wheel.
- **Battery:** Removable 48V 16Ah (768Wh) Lithium-ion battery, integrated into the downtube.
- **Display:** LCD display (standard for e-bikes, assumed) showing speed, battery level, assist level, and distance.
- **Brakes:** Hydraulic disc brakes for reliable stopping power.
- **Gears:** 8-speed gear system for varied terrain.
- **Suspension:** Front suspension fork for a smoother ride.
- **Tires:** 27.5-inch wheels with 1.75" - 2.0" wide tires.

4. SETUP AND ASSEMBLY

Your NCM Milano Plus electric bike may require some minor assembly upon arrival. Follow these steps carefully.

4.1 Unpacking

- Carefully remove the bike and all components from the packaging.
- Retain the packaging for future transport or storage.
- Check the contents against the packing list to ensure all parts are present.

4.2 Basic Assembly

Typical assembly steps include:

1. **Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and tightened securely.
2. **Pedal Installation:** Identify left (L) and right (R) pedals. Thread them carefully into the crank arms. The left pedal threads counter-clockwise, and the right pedal threads clockwise. Tighten firmly.
3. **Front Wheel Installation:** If detached, install the front wheel, ensuring it is properly seated in the fork dropouts and the quick release or axle nuts are tightened securely.
4. **Seat Post and Saddle:** Insert the seat post into the frame and adjust the saddle height for comfortable pedaling, ensuring the minimum insertion mark is not visible. Tighten the quick release or bolt.

4.3 Battery Charging and Installation

- Before first use, fully charge the battery. Connect the charger to the battery and then to a power outlet. The indicator light on the charger will change when fully charged.
- To install the battery, slide it into the frame's downtube compartment until it clicks securely into place. Use the key to lock it if applicable.
- To remove, unlock the battery with the key and slide it out.

4.4 Pre-Ride Checks

- **Tires:** Check tire pressure. Recommended pressure is typically found on the tire sidewall.
- **Brakes:** Ensure both front and rear brakes engage firmly and release completely.
- **Quick Releases/Bolts:** Verify all quick releases and bolts (wheels, seat post, handlebars) are securely tightened.

- **Battery:** Confirm the battery is securely seated and locked.

5. OPERATING YOUR E-BIKE

Understanding the controls and functions of your NCM Milano Plus will enhance your riding experience.

5.1 Powering On/Off

- To power on the e-bike system, press and hold the power button on the display unit (or battery, depending on model).
- To power off, press and hold the power button again until the display turns off.

5.2 Pedal Assist System (PAS)

- The NCM Milano Plus uses a Pedal Assist System (PAS), meaning the motor provides assistance only when you are pedaling.
- Use the '+' and '-' buttons on the control panel to adjust the level of pedal assistance. Higher levels provide more motor power.
- Start in a lower assist level until you are comfortable with the bike's acceleration.

5.3 Gear Shifting

- Your bike is equipped with an 8-speed gear system. Use the shifter on the handlebar to change gears.
- Shift to a lower gear for climbing hills and a higher gear for flat terrain or downhill riding.
- Always pedal lightly when shifting gears to ensure smooth transitions and prevent damage to the drivetrain.

5.4 Display Functions

While specific display features may vary, common functions include:

- Current Speed
- Battery Charge Level
- Pedal Assist Level (PAS)
- Trip Distance / Odometer
- Headlight/Taillight control (if integrated)

6. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your NCM Milano Plus.

6.1 Cleaning

- Clean your bike regularly with a damp cloth and mild soap. Avoid high-pressure washers, especially near electrical components.
- Dry the bike thoroughly after cleaning.

6.2 Tire Care

- Maintain correct tire pressure as indicated on the tire sidewall.
- Inspect tires for wear, cuts, or embedded objects regularly.

6.3 Brake System

- Check brake pads for wear and replace them when necessary.
- Ensure brake levers are firm and responsive. If they feel spongy, the hydraulic system may need bleeding by a professional.
- Keep disc rotors clean and free of oil or grease.

6.4 Drivetrain (Chain and Gears)

- Keep the chain clean and lubricated with bicycle-specific chain lubricant.
- Inspect gears and derailleur for proper alignment and wear. Adjustments may be needed periodically.

6.5 Battery Care and Storage

- Charge the battery regularly, even if not using the bike frequently. Do not let it fully discharge for extended periods.
- Store the battery in a cool, dry place, ideally between 10°C and 20°C (50°F and 68°F).
- If storing for a long time, charge the battery to 50-70% capacity every 2-3 months.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your NCM Milano Plus.

Problem	Possible Cause	Solution
Bike not powering on	Battery not charged or not properly seated; power button not pressed correctly.	Ensure battery is fully charged and securely installed. Press and hold the power button firmly. Check battery connection.
Motor not assisting	PAS level set to zero; brake levers engaged; loose motor cable connection.	Increase PAS level on the display. Ensure brake levers are fully released. Check motor cable connections.
Brakes feel spongy or weak	Air in hydraulic lines; worn brake pads; contaminated rotors.	Have hydraulic brakes bled by a professional. Inspect and replace worn brake pads. Clean rotors with disc brake cleaner.
Gears are skipping or not shifting smoothly	Derailleur out of adjustment; bent hanger; worn chain or cassette.	Adjust derailleur limits and cable tension. Inspect for bent components. Consider chain/cassette replacement if worn.

If you encounter issues not listed here or require further assistance, please contact NCM customer support.

8. SPECIFICATIONS

Detailed technical specifications for the NCM Milano Plus Electric City Bike.

Model Number	MILANOPLUS
Brand	NCM
Bike Type	City Bike

Motor	500W Hub Motor
Battery	48V 16Ah (768Wh) Removable Lithium Battery
Top Speed	32 km/hr
Range	Up to 153 km (40-95+ Miles)
Brake Type	Hydraulic Disc Brake
Number of Speeds	8 Speed Gear
Wheel Size	27.5 Inches
Tire Width	1.75" - 2.0"
Frame Material	Aluminum
Suspension	Front
Color	Matte Black (also available in White)
Age Range	Adult
Included Components	Electric Bike

9. WARRANTY AND SUPPORT


NCM provides a manufacturer's warranty for the Milano Plus Electric City Bike. Please refer to the warranty card included with your purchase or visit the official NCM website for detailed terms and conditions. For technical support, spare parts, or warranty claims, please contact NCM customer service. Have your model number (MILANOPLUS) and purchase date ready when contacting support.

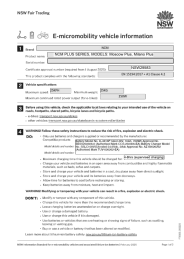


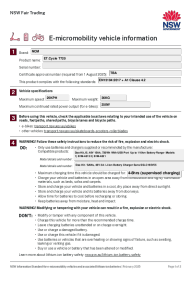

Manufacturer: NCM

Place of Business: Suzhou Leisger Vehicle Co., Ltd. No.239 Jin Gang Road, Zhangjiagang Free Trade Zone, Jiangsu, China(ZIP:215634)

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Related Documents - MILANOPLUS

	<p>NCM Milano Plus & Venice Plus 48V E-Bike Owner's Manual Setup, Safety, and Maintenance Guide</p> <p>Comprehensive owner's manual for the NCM Milano Plus and Venice Plus 48V electric bicycles. This guide covers essential information on setup, installation, safety precautions, e-parts overview, display functions, maintenance schedules, troubleshooting, technical specifications, and warranty details.</p>
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	<p>NCM E-micromobility Vehicle Information: Safety and Specifications</p> <p>Comprehensive safety and specification guide for NCM Plus Series e-micromobility vehicles, including Moscow Plus and Milano Plus models. Covers usage, charging, disposal, and regulatory compliance.</p>
	<p>NCM C7 Manuel de l'utilisateur : Guide complet pour votre vélo électrique</p> <p>Découvrez le vélo électrique NCM C7 avec ce manuel d'utilisation complet. Apprenez l'installation, la sécurité, l'utilisation, la maintenance et les spécifications techniques pour une expérience de conduite optimale.</p>
	<p>Manuel du Propriétaire NCM M7 : Guide Complet pour Vélo Électrique</p> <p>Découvrez le vélo électrique NCM M7 avec ce manuel du propriétaire complet. Apprenez l'installation, la sécurité, la maintenance, les spécifications techniques et plus encore pour une expérience de conduite optimale.</p>
	<p>NCM ET.Cycle T720 E-micromobility Vehicle Safety and Information Guide</p> <p>Official information and safety guidelines for the NCM ET.Cycle T720 e-micromobility vehicle, covering specifications, usage, battery care, and disposal. Complies with EN15194.</p>
	<p>NCM ET.Cycle F1000 E-Micromobility Vehicle Safety Information and Specifications</p> <p>This document provides essential safety guidelines, operational specifications, and disposal information for the NCM ET.Cycle F1000 e-micromobility vehicle, focusing on lithium-ion battery safety and compliance with NSW regulations.</p>