LEXGO L10

LEXGO Electric Scooters User Manual

Model: L10

1. Introduction

Thank you for choosing the LEXGO Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your scooter. Please read it thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: LEXGO Electric Scooter L10 with included accessories.

2. Safety Guidelines

Your safety is paramount. Always adhere to local traffic laws and regulations. This scooter is UL 2272 certified, ensuring high safety standards for its battery and electrical systems.

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.

- Do not ride in heavy rain, snow, or on icy surfaces.
- Ensure both electric and hub brakes are functioning correctly before each ride.
- Be aware of your surroundings and avoid distractions.
- The scooter features dynamic plasma footboard lights, front and rear turn signals, and bright front and rear lights to enhance visibility, especially at night. Utilize these features for safer riding.
- Do not exceed the maximum weight limit of 220 pounds.



Figure 2: Enhanced lighting features for safe night rides.

3. Product Overview

The LEXGO L10 Electric Scooter is designed for urban commutes and leisure, featuring a robust build and smart functionalities.

Key Components:

- **Handlebar:** Fixed type with ergonomic grips.
- **Display:** Full-color LED display showing speed, battery, and other information.
- **Brake Lever:** Physical lever controlling the electric and disc brakes.
- **Throttle:** For acceleration.
- **Motor:** 250W brushless motor.
- **Battery:** 36V 5.2Ah lithium battery.
- **Wheels:** 8-inch solid rubber wheels with rear suspension.
- **Lights:** Front light, rear light, turn signals, and plasma deck LED lights.
- **NFC Lock:** For enhanced security.



Figure 3: Detailed view of the scooter's control panel and display.

4. Setup and Initial Use

4.1 Unboxing and Assembly

Your LEXGO scooter comes partially assembled. Follow these steps to complete the setup:

1. Carefully remove all components from the packaging.
2. Unfold the scooter stem until it locks into place.
3. Attach the handlebars to the stem, ensuring all cables are properly connected and secured. Use the provided Allen keys if necessary.
4. Verify all screws and quick-release mechanisms are tightened before riding.

4.2 Initial Charging

Before your first ride, fully charge the scooter's battery. The rapid 4-hour charging time ensures you'll be ready to go quickly.

- Locate the charging port, typically near the footboard.
- Connect the charger to the scooter, then plug it into a standard power outlet.
- The indicator light on the charger will change (e.g., red to green) when charging is complete.

4.3 NFC Anti-Theft Security

The LEXGO L10 features an advanced NFC lock system for enhanced security. You can use the provided NFC card, NFC bracelet, or a compatible mobile phone with NFC, or set a virtual password to activate the scooter.

- To unlock, tap the NFC card/bracelet/phone to the designated NFC area on the scooter, or enter your virtual password.
- This feature prevents unauthorized use and provides peace of mind.



Figure 4: Multiple security protections with NFC technology.

5. Operating Instructions

5.1 Powering On/Off

Press and hold the power button on the display to turn the scooter on or off. Ensure the scooter is unlocked via NFC or password before attempting to power on.

5.2 Riding the Scooter

To start riding, place one foot on the footboard and push off with the other foot. Once you gain a little momentum, gently press the throttle to engage the motor. The 250W brushless motor provides smooth acceleration and sufficient power for inclines.

- **Speed Modes:** The scooter offers various speed modes, indicated on the LED display. Adjust the mode according to your riding environment and preference. The top speed is 15.5 mph.

- **Braking:** Use the physical brake lever on the handlebar to activate both the electric and disc brakes for reliable stopping power.



Figure 5: Performance metrics for the LEXGO L10 scooter.

5.3 Folding and Portability

The LEXGO L10 features a portable and foldable design, making it easy to store and transport. Weighing just 26 pounds, it's convenient for commuters.

1. Ensure the scooter is powered off.
2. Locate the folding mechanism near the base of the stem.
3. Follow the instructions on the mechanism to fold the stem down towards the rear wheel until it locks securely.



Figure 6: Simple 3-step folding process for portability.

5.4 Integrated Lighting System

The scooter is equipped with a comprehensive lighting system for visibility and safety:

- **Front and Rear Lights:** For general illumination and being seen.
- **Plasma Deck LED Lights:** Dynamic, colorful lights on the footboard for added visual appeal and side visibility.
- **Front and Rear Turn Signals:** Use these to indicate your turning intentions to others.



Figure 7: Innovative lighting design for enhanced visibility.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your LEXGO scooter.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water or immerse the scooter in water.
- **Brakes:** Periodically check the brake pads and disc for wear. Ensure the brake lever operates smoothly.
- **Tires:** Although the scooter uses solid rubber wheels, inspect them regularly for damage or debris.
- **Battery Care:** Store the scooter in a cool, dry place. If storing for extended periods, charge the battery to about 50-70% every few months to maintain battery health.
- **Fasteners:** Regularly check and tighten all screws and bolts to ensure structural integrity.

7. Troubleshooting

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Not unlocked with NFC/password; Loose connections	Charge battery; Unlock with NFC/password; Check connections
Motor not engaging	Throttle issue; Speed mode too low; Overload protection	Check throttle connection; Switch to higher speed mode; Reduce load
Reduced range/speed	Undercharged battery; Riding uphill frequently; Heavy load	Fully charge battery; Adjust riding style; Reduce load
Brakes feel weak	Worn brake pads; Cable adjustment needed	Inspect and replace brake pads; Adjust brake cable tension

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

8. Specifications

Feature	Specification
Brand	LEXGO
Model Name	L10
Motor Power	250W Brushless
Battery	36V 5.2Ah Lithium
Max Speed	15.5 Mph
Max Range	12.4 Miles
Charging Time	4 Hours
Weight Limit	220 Pounds
Item Weight	32.7 Pounds
Wheel Size	8 Inches
Wheel Type	Solid Rubber Wheels
Brake Style	Physical Brake Lever, Electric Brake + Disc Brake
Frame Material	Automotive-Grade High-strength steel
Special Features	Lights, Foldable, NFC Lock, Connects with LEXGO Smart Helmet (Sold Separately)
Certifications	UL 2272 Certified

9. Official Product Videos

Watch these official videos from LEXGO for visual guidance on setup, features, and operation.

9.1 L10 Electric Scooter, 250W Powerful Motor

This video provides an overview of the LEXGO L10 Electric Scooter, highlighting its 250W powerful motor and general features. Duration: 2 minutes 33 seconds.

9.2 L10 Electric Scooter, Foldable Commuter E Scooter

Learn about the foldable design of the LEXGO L10, demonstrating its portability and convenience for commuting. Duration: 48 seconds.

9.3 User Guide Video for the LEXGO Electric Scooter

A comprehensive user guide video covering various aspects of operating the LEXGO Electric Scooter. Duration: 1 minute 14 seconds.

10. Warranty and Support

Your LEXGO Electric Scooter comes with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official LEXGO website.
For technical support, parts, or any inquiries, please contact LEXGO customer support through their official channels. Always provide your model number (L10) and purchase details when seeking assistance.

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