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NANROBOT LS7+

NANROBOT LS7+ Electric Scooter User Manual

Model: LS7+

Brand: NANROBOT

1. INTRODUCTION

Welcome to the NANROBOT LS7+ Electric Scooter user manual. This document provides essential information for the safe and efficient operation, maintenance, and care of your new electric scooter. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize your riding experience.

1.1. Safety Guidelines

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads, gloves) when riding.
- Familiarize yourself with local laws and regulations regarding electric scooter usage.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in heavy rain, snow, or icy conditions. The scooter has an IPX4 waterproof rating, but it is not designed for submersion or heavy water exposure.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Regularly inspect your scooter for any damage or loose parts before each ride.

2. SETUP AND INITIAL PREPARATION

2.1. Unboxing and Inspection

Carefully remove all components from the packaging. Inspect the scooter for any signs of damage that may have occurred during shipping. Ensure all included accessories are present: Extended air inflator tube, NFC cards (x2), Scooter Charger, Toolkit, Wireless remote control for light.



Image: The NANROBOT LS7+ Electric Scooter, featuring its robust frame, dual suspension, road tires, and included seat, ready for assembly.

2.2. Handlebar and Seat Assembly

The handlebar typically comes folded. Unfold it and secure the locking mechanism. If your model includes a seat, follow the instructions below for installation. Use the provided toolkit to tighten all bolts securely.

Your browser does not support the video tag.

Video: Detailed instructions on how to properly install the seat on your NANROBOT electric scooter, ensuring it is securely attached for riding.

2.3. Initial Charging

Before your first ride, fully charge the scooter's battery. Connect the charger to the charging port and then to a power outlet. The charging time is approximately 12 hours for a full charge. Do not overcharge the battery.

3. SCOOTER COMPONENTS OVERVIEW

Familiarize yourself with the various parts of your NANROBOT LS7+ scooter for optimal control and maintenance.



Image: A detailed diagram illustrating the key components of the NANROBOT LS7+ Electric Scooter, including the handlebar, deck, wheels, and lighting system.



Image: A close-up view of the NANROBOT LS7+ handlebar, highlighting the finger throttle, brake levers, display, and control buttons for lights and horn.

4. OPERATING INSTRUCTIONS

4.1. Powering On and Off

To power on the scooter, press and hold the power button on the display. To power off, press and hold the power button again. The scooter features an NFC swipe card system for unlocking, enhancing security and convenience.

Upgrade Smart Display

**NFC swipe card to unlock,
making your riding more convenient.**



Image: The smart display of the NANROBOT LS7+, illustrating the NFC swipe card functionality for unlocking the scooter.

4.2. Display Functions

The digital display provides real-time information including speed, battery level, riding mode, and odometer readings. Use the control buttons near the display to switch between riding modes (single or dual motor) and adjust settings.

Adjustable Hydraulic Suspension (KKE)

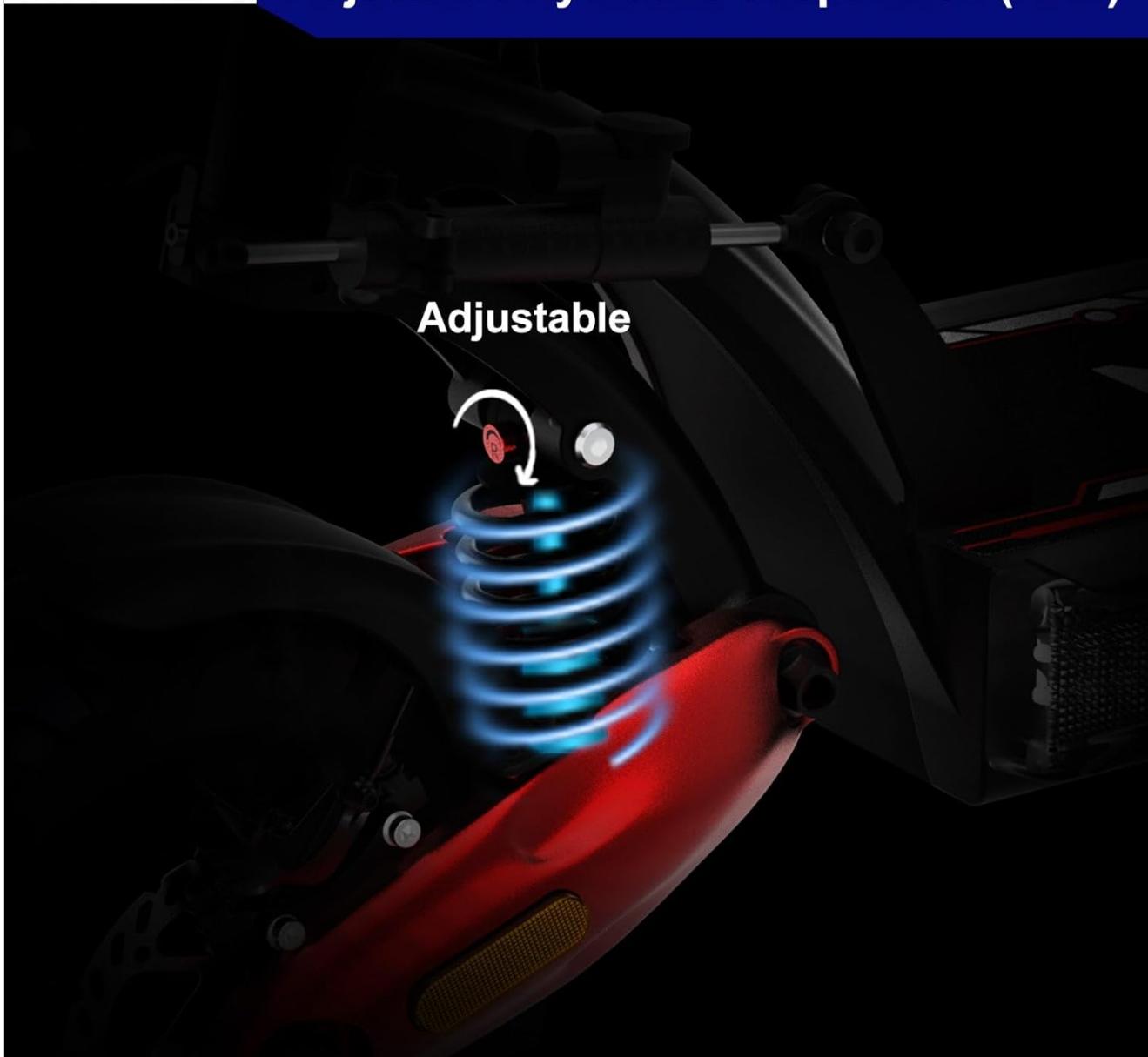


Image: The digital display of the NANROBOT LS7+, showing current speed, battery status, and other operational data.

4.3. Riding Modes and Speed Control

The LS7+ is equipped with 6000W dual motors, offering powerful acceleration and a top speed of up to 75 MPH. You can switch between single and dual motor modes depending on your riding needs. The scooter can handle inclines of up to 30 degrees.



Image: A rider on the NANROBOT LS7+ electric scooter, highlighting its performance capabilities including dual 3000W motors, 85-mile range, and 75 MPH top speed.

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Video: A demonstration of the NANROBOT LS7+ in action, showcasing its speed and power during a ride.

4.4. Braking System

The scooter is equipped with dual hydraulic brakes (NUTT) for reliable stopping power. Always apply brakes smoothly and gradually to avoid sudden stops, especially at high speeds.

4.5. Lighting System

The 360° light system and bright LED headlights ensure visibility during night rides. Use the wireless remote control to manage the lights.



Image: The NANROBOT LS7+ electric scooter showcasing its comprehensive lighting system, including headlights and deck lights, illuminated at night.

5. MAINTENANCE

5.1. Battery Care

The scooter uses a 72V35AH large capacity lithium battery. To prolong battery life:

- Charge the battery regularly, even if not in use, to maintain a healthy charge level.
- Avoid completely draining the battery.
- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

72V-35Ah Battery



Image: An internal view illustrating the 72V-35Ah battery pack housed within the scooter's deck, emphasizing its large capacity.

5.2. Tire Pressure

Proper tire pressure is crucial for safety, performance, and tire longevity. The maximum tire pressure should not exceed 50 PSI (350 kPa). For daily riding, the optimal tire pressure for scooters with inner tubes is around 2.5-2.8 bar (approximately 36-40 PSI).

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Video: Essential tips for checking and maintaining the correct tire pressure on your NANROBOT electric scooter, ensuring safe and efficient rides.

Off-road tires VS road tires



Off-road tires have deeper treads on the surface and have good grip on dirt roads

Road tires have no treads on the surface and have strong grip on roads

Image: A visual comparison between off-road tires, designed for grip on dirt, and road tires, optimized for smooth surfaces.

5.3. Suspension Adjustment

The scooter features adjustable hydraulic suspension (KKE) to customize your ride comfort. Adjust the damping knob clockwise to increase resistance or counter-clockwise to decrease it, based on personal preference and riding conditions.

Your browser does not support the video tag.

Video: Guidance on how to adjust the steering damper on your NANROBOT scooter to modify steering resistance for improved stability and control.

Adjustable Hydraulic Suspension (KKE)



Image: A detailed view of the adjustable hydraulic suspension system on the NANROBOT LS7+, indicating the adjustment mechanism.

5.4. Cleaning and Storage

Clean your scooter regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components. Store the scooter in a dry, secure location when not in use.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your NANROBOT LS7+ electric scooter.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery, loose connections, power button malfunction	Charge the battery fully. Check all visible cable connections. If issue persists, contact support.

Problem	Possible Cause	Solution
Reduced range or power	Underinflated tires, low battery charge, heavy load, riding uphill frequently	Check and adjust tire pressure. Ensure battery is fully charged. Reduce load or adjust riding style.
Brakes feel weak or spongy	Worn brake pads, air in hydraulic lines, misaligned calipers	Inspect brake pads for wear and replace if necessary. Consult a professional for hydraulic brake bleeding or caliper adjustment.
Unusual noises during operation	Loose components, motor issue, brake rubbing	Inspect all bolts and fasteners for tightness. Check for brake rubbing against the disc. If motor noise, contact support.

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

7. SPECIFICATIONS

Feature	Detail
Brand	NANROBOT
Model Name	LS7+
Motor Power	6000W Dual Motor (3000W*2)
Battery	72V35AH Lithium Battery
Maximum Speed	Up to 75 MPH
Maximum Distance Range	85 Miles (single drive), 45 Miles (dual drive)
Weight Limit	330 Pounds
Product Dimensions (LxWxH)	56.3" L x 27.6" W x 53.5" H
Wheel Size	11 Inches
Tire Type	Road tires (variant specific)
Brake Style	Dual Hydraulic Brake (NUTT)
Suspension Type	Dual Suspension (Adjustable Hydraulic)
Special Features	Digital Display, Foldable, Speedometer, Waterproof (IPX4), Odometer, NFC Unlock
Charging Time	12 Hours
Frame Material	Aluminum
Certifications	UL2272

8. WARRANTY AND SUPPORT

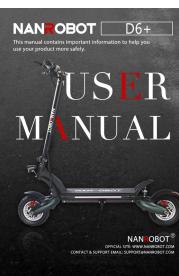
8.1. Warranty Information

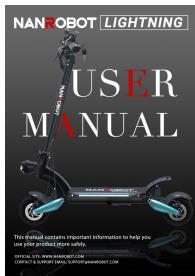
The NANROBOT LS7+ electric scooter has passed UL2272 certification, ensuring high safety standards. Different parts of the scooter are covered by a warranty ranging from 3 to 12 months. Please refer to your purchase documentation for specific warranty terms applicable to your region and components.

8.2. Customer Support

NANROBOT has established a dedicated maintenance point in the United States to provide efficient after-sales service. For technical assistance, warranty claims, or any other inquiries, please contact NANROBOT customer support through their official website or the contact information provided with your purchase. When contacting support, please have your model number (LS7+) and purchase details readily available.

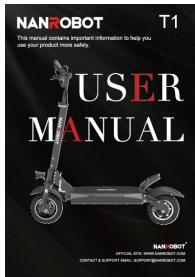
Related Documents - LS7+

	<p><u>NANROBOT LS7 Electric Scooter User Manual and Guide</u></p> <p>Comprehensive user manual for the NANROBOT LS7 Electric Scooter, covering specifications, safety guidelines, assembly, operation, maintenance, and troubleshooting.</p>
	<p><u>Nanrobot LS7+ Electric Scooter User Manual</u></p> <p>Comprehensive user manual for the Nanrobot LS7+ electric scooter, covering safety guidelines, product specifications, assembly, operation, maintenance, and warranty information.</p>
	<p><u>NANROBOT D4+3.0 Electric Scooter User Manual Operation, Maintenance & Safety Guide</u></p> <p>Comprehensive user manual for the NANROBOT D4+3.0 electric scooter. Learn about setup, operation, safety precautions, maintenance, troubleshooting, and warranty information.</p>
	<p><u>Nanrobot D6+ Electric Scooter User Manual</u></p> <p>Comprehensive user manual for the Nanrobot D6+ electric scooter, covering safety guidelines, product specifications, assembly, operation, maintenance, and troubleshooting.</p>



[Nanrobot Lightning Electric Scooter User Manual](#)

Comprehensive user manual for the Nanrobot Lightning electric scooter, covering safety guidelines, operation, maintenance, and specifications. Learn how to safely operate and care for your Nanrobot Lightning scooter.



[NANROBOT T1 Electric Scooter User Manual](#)

Comprehensive user manual for the NANROBOT T1 electric scooter, detailing safety guidelines, product specifications, operation instructions, maintenance tips, and warranty information.