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LIECTROUX N7S-U

LIECTROUX N7S-U Robot Vacuum Cleaner User Manual

Model: N7S-U

1. INTRODUCTION AND PRODUCT OVERVIEW

Thank you for choosing the LIECTROUX N7S-U Robot Vacuum Cleaner. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use.

The LIECTROUX N7S-U is designed for efficient dry and wet cleaning, featuring smart mapping, powerful suction, and smart home integration.



Image: The LIECTROUX N7S-U Robot Vacuum Cleaner, showcasing its sleek design, accompanying remote control, and a smartphone displaying the control app interface. A water tank accessory is also visible.

2. SETUP

2.1 Unpacking and Initial Placement

Carefully remove all components from the packaging. Place the charging station against a wall in an open area, ensuring there are no obstacles within 1 meter to the sides and 2 meters in front.

2.2 Charging the Robot

Connect the power adapter to the charging station and plug it into a wall outlet. Place the robot onto the charging station, ensuring the charging contacts align. The indicator light on the robot will show charging status. Fully charge the robot before first use (approximately 4-5 hours).

2.3 App Connection (TUYA App)

Download the TUYA Smart app from your smartphone's app store. Follow the in-app instructions to add your LIECTROUX N7S-U robot. This will enable smart control, cleaning process visualization, and voice control via Alexa or Google Home.

WiFi App Control Control At Your Pleasure



Distance
Control



Multiple
Cleaning
Modes



Schedule
Cleaning



Adjustable
Suction
Power

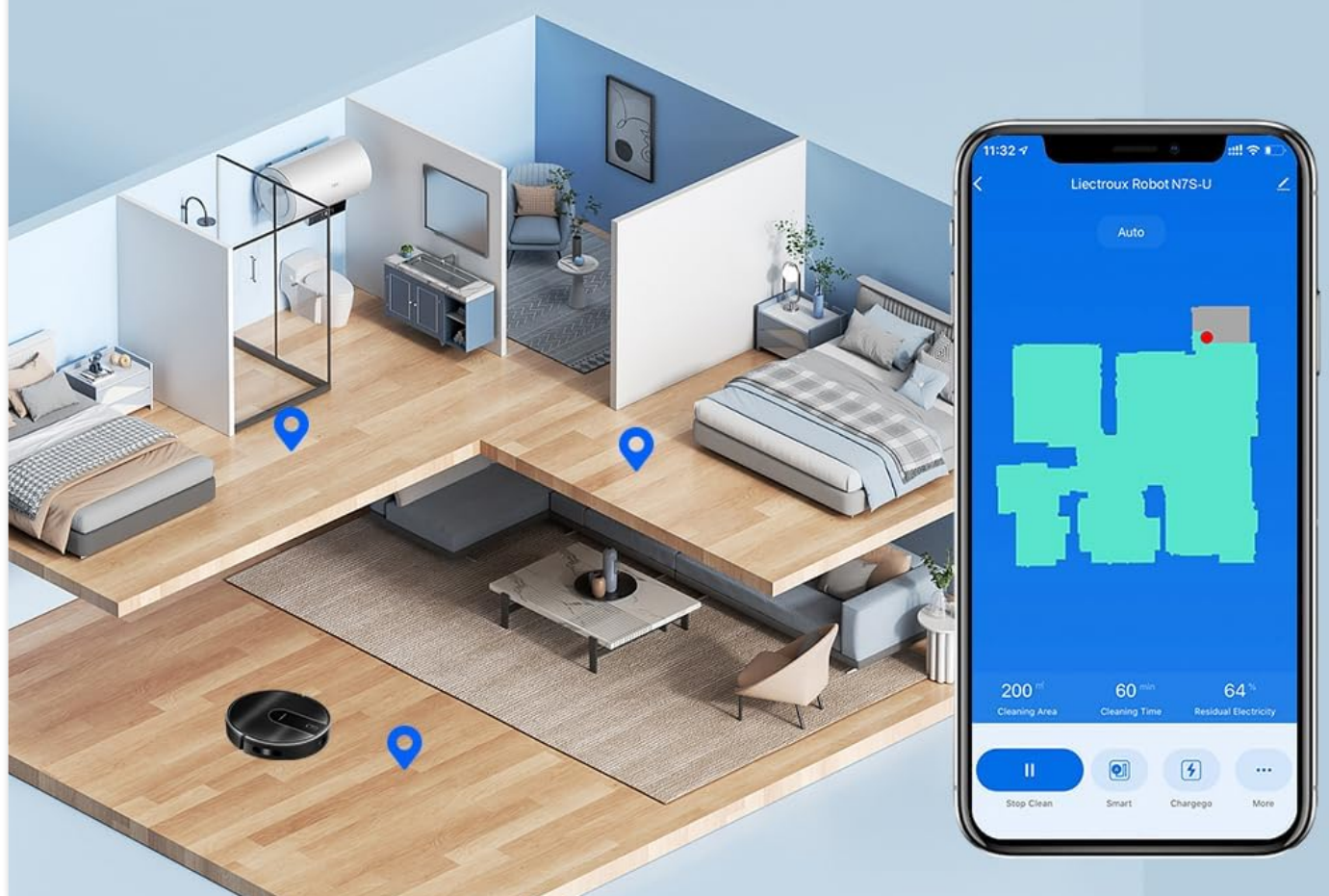


Image: An illustration demonstrating the WiFi App Control capabilities, including Distance Control, Multiple Cleaning Modes, Schedule Cleaning, and Adjustable Suction Power. The image also shows a smartphone displaying the robot's cleaning map within a house layout.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

Press and hold the power button on the robot for a few seconds to turn it on or off.

3.2 Cleaning Modes

The robot offers various cleaning modes to suit different needs. These can be selected via the remote control, the TUYA app, or voice commands.

- **Automatic Cleaning:** The robot intelligently navigates and cleans the entire area.
- **Fixed-Point Cleaning (Spot Cleaning):** Concentrates cleaning on a specific dirty area.
- **Edge Cleaning:** Cleans along walls and furniture edges.

- **Sweeping:** Dry cleaning mode.
- **Mopping:** Wet cleaning mode using the water tank.

Multiple Cleaning Modes



Image: Visual representation of the various cleaning modes available, including Zigzag Cleaning, Border Cleaning, Fixed Point Cleaning, and the Constant Pressure Water Tank feature. The robot is shown cleaning a room with different floor types.

3.3 Smart Navigation and Mapping

The N7S-U utilizes 2D map navigation to detect its environment and create a cleaning map. This allows it to clean systematically from room to room, ensuring high coverage and minimal repetition.

2D Map Navigation Map Navigation



WiFi App Control
Do Whatever You
Want At Any Time



2D Map Navigation
and Accurate
Positioning



Multiple Cleaning
Modes
Constant Pres-
sure Water Tank



Brushless Motor
Imported From
Germany



Intelligent Chip
Imported From
Germany



Image: An infographic illustrating key features such as WiFi App Control, 2D Map Navigation and Accurate Positioning, Multiple Cleaning Modes, Brushless Motor, and an Intelligent Chip. The robot is depicted navigating a mapped area.

3.4 Suction Power Adjustment

The suction power can be adjusted, reaching up to 4000 Pa in max mode, to effectively remove dirt from various surfaces.

Strong Suction

Wipe Out Every Tiny Dust Wherever It Goes



Image: A visual demonstrating the robot's strong suction power, showing dust particles being drawn into the device. Insets highlight the Filter Dust Box and the Strong Fan components.

3.5 Automatic Charging

The robot will automatically return to its charging station when the battery is low or when a cleaning task is complete.

4. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your robot vacuum cleaner.

4.1 Dust Box and Water Tank

The robot features an integrated 400ml large dust box and a 250ml large water tank. Empty the dust box after each use and refill the water tank as needed for mopping.

Dust box and water tank integrated

Effortlessly worry-free cleaning



400ml large
dust box



250ml large
water tank



Fine seepage



Intelligent
electronic control

Mopping

Vacuuming

Sweeping

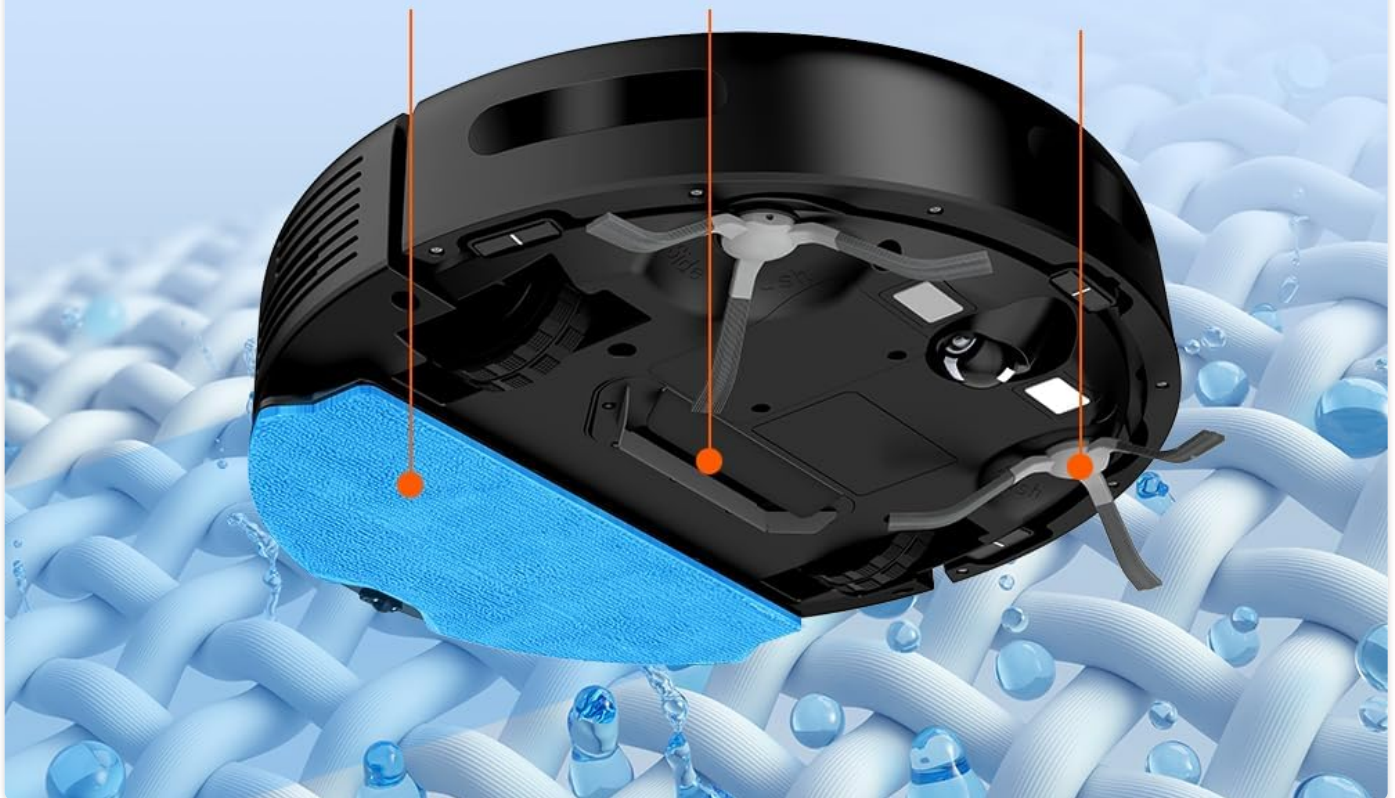


Image: An illustration highlighting the integrated dust box and water tank, emphasizing effortless cleaning. Icons represent the 400ml large dust box, 250ml large water tank, fine seepage, and intelligent electronic control. The bottom of the robot is shown with labels for Mopping, Vacuuming, and Sweeping functions.

250ml large water tank

Three-level intelligent electric control water tank



250ml large water tank



Fine seepage



Intelligent electronic
control



Image: A close-up of the robot's 250ml large water tank, illustrating its three-level intelligent electric control for water adjustment (High, Medium, Low). Icons represent the large water tank, fine seepage, and intelligent electronic control.

4.2 Brushes and Filters

- **Side Brushes:** Check and clean the side brushes regularly for tangled hair or debris. Replace them if they are worn.
- **Main Brush:** Remove and clean the main brush periodically. Use the cleaning tool provided to cut and remove tangled hair.
- **Filter:** Tap out dust from the filter after each use. Wash the filter with water every 2-4 weeks (depending on usage) and allow it to air dry completely before reinserting.

4.3 Sensors and Charging Contacts

Wipe the anti-drop sensors, anti-collision sensors, and charging contacts on both the robot and the charging station with a clean, dry cloth regularly to ensure proper function.

5. TROUBLESHOOTING

If you encounter issues with your robot vacuum cleaner, please refer to the following common solutions:

- **Robot not charging:** Ensure the charging contacts on both the robot and the charging station are clean and free of debris. Check if the power adapter is securely plugged in.
- **Robot stuck or trapped:** Clear obstacles from the robot's path. The robot is designed with anti-collision, anti-falling, and twining-proof features, and can climb thresholds up to 1.5cm.



Image: A four-panel image illustrating the robot's intelligent navigation features: Anti-collision (detecting barriers), Anti-falling (detecting stairs), Twining-proof (avoiding cables), and Easy Climbing (overcoming small thresholds up to 1.5cm).

- **Poor cleaning performance:** Empty the dust box, clean the brushes, and check the filter for clogs. Ensure the water tank is filled for mopping.
- **App connection issues:** Ensure your Wi-Fi network is stable and the robot is within range. Restart the robot and your router if necessary.
- **Robot not responding:** Try restarting the robot by holding the power button. If unresponsive, place it on the charging station.

For persistent issues, please contact customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	LIECTROUX
Model Number	N7S-U
Color	Black
Product Dimensions	32L x 32W x 7.8H centimeters
Suction Power	Up to 4000 Pa (Max Mode)
Dust Box Capacity	400ml
Water Tank Capacity	250ml
Battery Type	Lithium-ion
Battery Capacity	2500 mAh
Run Time	Up to 120 minutes
Control Methods	Remote Control, TUYA App, Voice Control (Alexa, Google Assistant)
Navigation	2D Map Navigation

Small Stature Great Performance

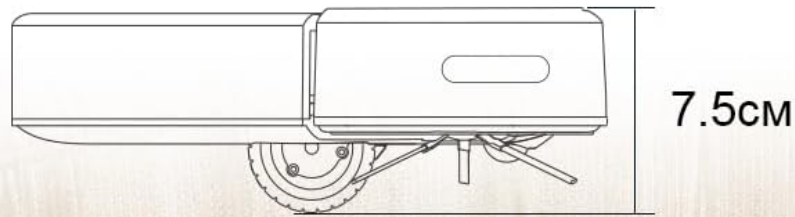





Image: A diagram illustrating the compact stature of the robot vacuum cleaner, showing its height of 7.5cm, which allows it to clean under most furniture.

7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact the retailer. For technical support, spare parts, or any inquiries not covered in this manual, please contact LIECTROUX customer service through their official website or the contact information provided with your product.

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Related Documents - N7S-U

	<p>LIECTROUX N7S-U Robot Vacuum Safety Regulations and Usage Guidelines</p> <p>Essential safety regulations and operational notes for the LIECTROUX N7S-U robot vacuum cleaner. Learn how to use your smart vacuum safely and effectively, covering warnings, precautions, and handling instructions.</p>
	<p>Liectroux C30B Robot Vacuum Cleaner Instruction Manual</p> <p>Comprehensive instruction manual for the Liectroux C30B Robot Vacuum Cleaner, covering setup, operation, app control, maintenance, troubleshooting, and specifications. Learn how to use your robot vacuum for efficient cleaning.</p>
	<p>LIECTROUX N7S-U Robot Vacuum Cleaner Instruction Manual</p> <p>Comprehensive instruction manual for the LIECTROUX N7S-U Robot Vacuum Cleaner, covering setup, operation, maintenance, and troubleshooting for optimal home cleaning.</p>



[Liectroux B6009 Robot Vacuum Cleaner User Manual](#)

Comprehensive user manual for the Liectroux B6009 robot vacuum cleaner, detailing safety instructions, product features, assembly, operation, and troubleshooting. Includes specifications and guidance for optimal use.



[Liectroux i7 Pro Smart Vacuum Cleaner: User Manual and Operation Guide](#)

Comprehensive user manual for the Liectroux i7 Pro Smart Vacuum Cleaner, covering setup, operation, maintenance, specifications, and troubleshooting. Learn how to use your wet dry vacuum for efficient floor cleaning.



[Hướng Dẫn Sử Dụng Máy Hút Bụi Robot LIECTROUX ZK901](#)

Hướng dẫn sử dụng chi tiết cho máy hút bụi robot LIECTROUX ZK901, bao gồm giới thiệu sản phẩm, cách sử dụng, bảo trì, khắc phục sự cố và thông tin an toàn.

