**LIECTROUX C30B**

# LIECTROUX C30B Hybrid Robot Vacuum and Mop User Manual

Model: C30B

## 1. INTRODUCTION

Thank you for choosing the LIECTROUX C30B Hybrid Robot Vacuum and Mop. This intelligent cleaning device is designed to simplify your home maintenance with its advanced features, including dynamic navigation, powerful 4KPA suction, and versatile 2-in-1 vacuuming and mopping capabilities. It integrates seamlessly with smart home systems like Amazon Alexa and Google Assistant for convenient control. Please read this manual thoroughly before operating the device to ensure proper use and maintenance.

Figure 1.1: LIECTROUX C30B Robot Vacuum and Mop with its accompanying mobile application interface and the interchangeable dustbin/water tank.

## 2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of injury or damage, read these safety instructions carefully and keep them handy for future reference. This appliance is for household use only.

- Do not operate the robot in environments with open flames or fragile objects.
- Ensure all power cords, small objects, and loose items are cleared from the floor before operation to prevent entanglement.
- Do not allow children or pets to play with the robot. Supervise children when the robot is in use.
- Use only the original charging dock and power adapter provided by the manufacturer.
- Do not use the robot to pick up large debris, liquids, or burning/smoking materials.
- Regularly clean the brushes and sensors to maintain optimal performance.
- Do not immerse the robot or its electronic components in water.

- If the robot is not used for a long period, fully charge it and store it in a cool, dry place.

## 3. PACKAGE CONTENTS

Verify that all components are present and in good condition upon unpacking.

- Robot Host (Main Unit)
- Charging Station
- Remote Control (batteries not included)
- Power Adapter
- Water Tank
- Dustbin
- Cleaning Tool
- HEPA Filters (2x)
- Side Brushes (4x)
- Mopping Pads (2x)
- Instruction Manual
- App Installation Guide

## 4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your LIECTROUX C30B robot vacuum.

# INTELLIGENT NAVIGATION AND PLANNING

## Accurate gyroscope positioning, Advanced zig-zag mapping, Efficient cleaning without omission



Figure 4.1: The robot vacuum utilizing its intelligent navigation system to plan and execute efficient cleaning paths, ensuring thorough coverage of your home.

## 4.1. Key Features

- **Gyroscope Smart Navigation:** Detects the entire house and builds a real-time cleaning roadmap for efficient, room-to-room cleaning.

- **Super Suction & 2-in-1 Functionality:** Equipped with a NIDEC brushless motor and V-shaped floating central brush for deep cleaning. Interchangeable 600ml dustbin and water tank allow for simultaneous vacuuming and mopping.

- **Slim Body Design:** At 7.4 cm (2.9 inches) thin, it can easily clean under furniture and hard-to-reach areas.
- **Anti-Drop Sensors:** Integrated infrared sensors detect obstacles and prevent falls from stairs or ledges.
- **Quiet Operation:** Designed to operate at a low noise level (45 dB), minimizing disturbance.



Figure 4.2: The robot's ultra-slim 7.4 cm body allows it to effortlessly clean under low-lying furniture, ensuring no dust or debris is left behind.

## 5. SETUP

## 5.1. Charging the Robot

1. Place the charging station against a wall in an open, uncluttered area. Ensure there is at least 1 meter (3.3 feet) of clear space on both sides and 2 meters (6.6 feet) in front of the station.

2. Connect the power adapter to the charging station and plug the other end into a wall outlet.

3. Place the robot onto the charging station, ensuring the charging contacts align. The robot will automatically begin charging. A full charge takes approximately 4-5 hours.

4. For initial use, it is recommended to fully charge the robot before its first cleaning cycle.

## 5.2. Installing Side Brushes

Attach the side brushes by pressing them onto the square posts at the bottom of the robot until they click into place. Ensure the left (L) and right (R) brushes are installed on the correct sides.

## 5.3. Installing Dustbin or Water Tank

The LIECTROUX C30B comes with an interchangeable dustbin and water tank. Choose the appropriate container for your cleaning needs.

- **For Vacuuming:** Insert the dustbin into the designated slot at the rear of the robot until it locks securely.

- **For Mopping:** Fill the water tank with clean water (do not use detergents or harsh chemicals). Attach a mopping pad to the bottom of the water tank. Insert the water tank into the designated slot at the rear of the robot until it locks securely.

Figure 5.1: The robot's innovative 2-in-1 design allows for easy switching between the dustbin for vacuuming and the water tank for mopping, enabling simultaneous sweep and mop functions.

## 5.4. App Installation and Connection

The LIECTROUX C30B can be controlled via the Tuya Smart app. It also supports voice control through Amazon Alexa and Google Assistant.

1. Download the "Tuya Smart" app from the App Store (iOS) or Google Play Store (Android).
2. Register an account and log in.

3. Ensure your robot is charged and powered on.

4. In the app, tap "+" to add a device. Select "Small Home Appliance" > "Robot Vacuum".

5. Follow the on-screen instructions to connect the robot to your home Wi-Fi network (2.4GHz only).

6. Once connected, you can control the robot, schedule cleanings, and monitor its status from your smartphone.



Figure 5.2: The mobile application provides comprehensive remote control, allowing users to manage cleaning modes, schedules, and monitor the robot's status from anywhere.

## 6. OPERATING INSTRUCTIONS

## 6.1. Cleaning Modes

The LIECTROUX C30B offers 6 cleaning modes to suit various needs:

- **Automatic Cleaning:** The robot intelligently plans its route to clean the entire area.
- **Mopping Mode:** When the water tank is installed, the robot will perform wet mopping.
- **Single Room Cleaning:** Cleans a specific room. Close the door to confine the robot to that area.
- **Edge Cleaning:** The robot cleans along walls and furniture edges.
- **Spot Cleaning:** Concentrates cleaning on a specific dirty area in a spiral pattern.
- **Scheduled Cleaning:** Set specific times for the robot to start cleaning automatically via the app.

Figure 6.1: The robot's intelligent partition cleaning capability allows it to map and clean different areas of your home systematically, ensuring comprehensive coverage.

## 6.2. Starting/Pausing Cleaning

- **On the Robot:** Press the power button on the robot's top panel to start or pause cleaning.
- **Using Remote Control:** Use the "Auto Clean" button on the remote control.
- **Via App:** Use the "Start" or "Pause" buttons within the Tuya Smart app.

## 6.3. Voice Control (Alexa/Google Assistant)

Once connected to the Tuya Smart app, you can link your robot to Amazon Alexa or Google Assistant for voice commands.

- Enable the "Tuya Smart" skill in your Alexa or Google Home app.

- Link your Tuya Smart account.

- Discover devices.

- You can now use commands such as:

    - "Alexa, start cleaning the robot vacuum."

    - "Hey Google, tell the robot vacuum to go back to charging."

    - "Alexa, stop the robot vacuum."

# SMART CONNECT ALEXA, GOOGLE ASSISTANT

"Start Cleaning"

"Back to charging"

"Stop Cleaning"

Figure 6.2: The robot vacuum seamlessly integrates with smart home assistants like Amazon Alexa and Google Assistant, allowing for convenient voice-activated control of cleaning tasks.

## 7. MAINTENANCE

Regular maintenance is crucial for optimal performance and longevity of your robot vacuum.

### 7.1. Emptying the Dustbin

Empty the dustbin after each use or when the "Dustbin Full" indicator appears on the app.

1. Press the dustbin release button and pull out the dustbin.

2. Open the dustbin cover and empty its contents into a trash can.

3. Clean the dustbin with the provided cleaning tool or a soft cloth. It can also be rinsed with water, but ensure it is completely dry before re-installing.

## 7.2. Cleaning Filters

Clean the HEPA filter and sponge filter weekly. Replace HEPA filters every 3-6 months, depending on usage.

1. Remove the dustbin.

2. Take out the HEPA filter and sponge filter.

3. Tap the filters gently to remove dust. Do not wash HEPA filters with water.

4. Rinse the sponge filter with water if necessary, and ensure it is completely dry before re-installing.

## 7.3. Cleaning Main Brush and Side Brushes

Clean the main brush and side brushes weekly to remove tangled hair and debris.

- **Main Brush:** Flip the robot over. Press the release tabs on the brush guard to remove it. Lift out the main brush. Use the cleaning tool to cut and remove any tangled hair. Reinstall the brush and guard.

- **Side Brushes:** Gently pull the side brushes off their posts. Remove any hair or debris. If brushes are worn, replace them.

## 7.4. Cleaning Water Tank and Mopping Pads

After each mopping session:

- Empty any remaining water from the tank.

- Remove the mopping pad and rinse it thoroughly with water. Allow it to air dry completely.

- Clean the water tank interior if necessary.

## 7.5. Cleaning Sensors and Charging Contacts

Wipe the sensors and charging contacts regularly with a clean, dry cloth to ensure proper function.

- **Anti-Drop Sensors:** Located on the bottom of the robot.

- **Wall Sensors:** Located on the front bumper.

- **Charging Contacts:** On the bottom of the robot and on the charging station.

Figure 7.1: The robot is equipped with anti-drop sensors that detect changes in elevation, such as stairs, preventing it from falling and ensuring safe operation.

## 8. TROUBLESHOOTING

If you encounter issues with your robot vacuum, refer to the table below for common problems and solutions.

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|         |                |          |

| Problem | Possible Cause | Solution |
|---|---|---|
| Robot does not turn on. | Low battery or not charged. | Place the robot on the charging station and ensure it is fully charged. |
| Robot gets stuck frequently. | Obstacles, tangled brushes, or dirty sensors. | Clear obstacles from the cleaning path. Clean main brush, side brushes, and all sensors. |
| Poor cleaning performance. | Full dustbin, clogged filter, or worn brushes. | Empty dustbin. Clean/replace filters. Clean/replace brushes. |
| Robot does not return to charging station. | Charging station obstructed or out of range. Dirty charging contacts. | Ensure charging station is in an open area. Clean charging contacts on both robot and station. |
| App connection issues. | Incorrect Wi-Fi password, 5GHz network, or robot too far from router. | Ensure you are using a 2.4GHz Wi-Fi network. Re-enter Wi-Fi password. Move robot closer to router. Restart robot and router. |

If the problem persists after trying these solutions, please contact customer support.

## 9. TECHNICAL SPECIFICATIONS

| Feature | Specification |
|---|---|
| Model Number | C30B |
| Brand | LIECTROUX |
| Dimensions (L x W x H) | 33 x 33 x 7.4 cm (13 x 13 x 2.9 inches) |
| Weight | 2.7 kg (5.95 lbs) |
| Power | 28 Watts |
| Voltage | 14.4 Volts |
| Battery Type | Lithium-ion (2500mAh) |
| Noise Level | 45 dB |
| Dustbin Capacity | 0.6 Liters |
| Filter Type | HEPA |
| Surface Recommendation | Hard Floors, Carpets |
| Control Type | App Control, Voice Control (Alexa, Google Assistant), Remote Control |
| Runtime | 100-120 minutes (approx. 170-220 sq meters) |

## 10. WARRANTY & SUPPORT

The LIECTROUX C30B Hybrid Robot Vacuum and Mop comes with a **24-month professional warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

## 10.1. Warranty Exclusions

The warranty does not cover:

- Damage caused by improper use, negligence, or accident.
- Normal wear and tear of consumable parts (e.g., brushes, filters, mopping pads).
- Damage caused by unauthorized repairs or modifications.
- Damage caused by external factors such as power surges or natural disasters.

## 10.2. Customer Support

For technical assistance, warranty claims, or general inquiries, please contact LIECTROUX customer support through the retailer where you purchased the product or visit the official LIECTROUX website for contact information.
Please have your model number (C30B) and proof of purchase ready when contacting support.

## Related Documents - C30B

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|---|---|
| | [LIECTROUX C30B Robot Vacuum Cleaner User Manual](#)<br>Comprehensive user manual for the LIECTROUX C30B robot vacuum cleaner, covering setup, operation, maintenance, troubleshooting, and specifications. Learn how to use the app, clean your floors, and maintain the device for optimal performance. |
| | [LIECTROUX C30B Robot Vacuum Cleaner Instruction Manual](#)<br>Comprehensive instruction manual for the LIECTROUX C30B Robot Vacuum Cleaner, covering setup, operation, maintenance, troubleshooting, and product specifications. |
| | [Liectroux C30B Robot Vacuum Cleaner Instruction Manual](#)<br>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. |

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|---|---|
|  | [Hướng dẫn sử dụng Robot hút bụi LIECTROUX C30B](#)<br><br>Hướng dẫn chi tiết về cách sử dụng, cài đặt, bảo trì và khắc phục sự cố cho Robot hút bụi LIECTROUX C30B, giúp tối ưu hóa hiệu suất làm sạch của thiết bị. |
|  | [LIECTROUX B6009 Robotic Vacuum Cleaner User Manual](#)<br><br>Comprehensive user manual for the LIECTROUX B6009 robotic vacuum cleaner. This guide covers setup, operation, features like app control and navigation, maintenance, troubleshooting, and technical specifications. Learn how to maximize your cleaning experience with this smart home device. |
|  | [Liectroux C30B Robot Vacuum Cleaner User Manual](#)<br><br>Comprehensive user manual for the Liectroux C30B Robot Vacuum Cleaner, covering setup, operation, maintenance, troubleshooting, and safety guidelines. Includes app usage instructions and product specifications. |