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LIECTROUX YW710

LIECTROUX YW710 Window Cleaner Robot User Manual

Model: YW710

1. INTRODUCTION

The LIECTROUX YW710 is an intelligent window cleaning robot designed to automate the cleaning of various glass surfaces. It features a powerful suction motor, dual spiral cleaning heads, and a two-way water spray system for efficient and thorough cleaning. This manual provides essential information for safe and effective use of your device.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before operating the device.

- The window cleaner requires a continuous power connection to function. Ensure the power adapter is securely plugged in during operation.
- A built-in UPS (Uninterrupted Power System) battery provides approximately 25 minutes of backup suction in case of a power outage. This prevents the robot from falling and triggers an alarm.
- Always attach the provided 4-meter professional safety rope to a secure anchor point before starting the robot, especially when cleaning high or outdoor windows.
- Do not use the robot on cracked, damaged, or uneven glass surfaces.
- Keep hands, hair, and loose clothing away from moving parts.
- Ensure the cleaning cloths are properly attached before operation.
- Do not immerse the device in water or other liquids.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- LIECTROUX YW710 Window Cleaner Robot
- Remote Control

- Power Adapter and Cable (5.2m)
- Safety Rope (4m)
- Cleaning Cloths (Microfiber)
- User Manual

4. PRODUCT OVERVIEW

The LIECTROUX YW710 is designed for efficient and hands-free window cleaning.

- **Strong Suction:** Features a built-in suction motor providing 3000PA suction power, ensuring secure attachment to glass surfaces.
- **Brushless Motor:** Equipped with an imported brushless motor for powerful, quiet operation and extended service life.
- **Two-way Water Spray:** An automatic system sprays water in two directions, maintaining constant humidity for effective stain dissolution.
- **Multiple Cleaning Modes:** Offers N-shaped, Z-shaped, and Automatic cleaning paths to suit various window types and cleaning needs.
- **Control Options:** Can be operated via remote control or a dedicated mobile application.
- **Safety Features:** Includes a UPS backup battery and a safety rope for fall protection.
- **Low Noise Operation:** Operates at approximately 65dB, minimizing disturbance.

One Button Control

Easy for Your Parents and Elders to Use

LIECTROUX YW710 can be controlled wirelessly under 2.4G network and it possesses with strong penetration and 15 meters effective operating distance. You can direct it to clean from a distance with simple fingertip on your cellphone while you cooking a big meal in the kitchen for your family.



The LIECTROUX YW710 window cleaning robot, a square-shaped device with a central handle, designed for automated window cleaning.

5. SETUP

Follow these steps to prepare your LIECTROUX YW710 for operation:

1. **Attach Cleaning Cloths:** Securely attach the microfiber cleaning cloths to the dual spiral cleaning heads on the underside of the robot. Ensure they are flat and cover the entire cleaning surface.
2. **Connect Power:** Plug the power adapter into the robot and then into a power outlet. The robot requires a constant power supply during operation.
3. **Attach Safety Rope:** Fasten one end of the 4-meter safety rope to the designated attachment point on the robot. Secure the other end to a sturdy, immovable object indoors, such as a heavy piece of furniture or a window frame anchor.
4. **Fill Water Tank:** Open the water tank cap and fill it with clean water or a suitable window cleaning solution. Close the cap securely.
5. **Place Robot:** Place the robot on the window surface you wish to clean. Ensure it is positioned flat against the glass.

6. OPERATING INSTRUCTIONS

The LIECTROUX YW710 can be controlled via remote control or a mobile application.

6.1. Using the Remote Control

1. **Power On:** Press the power button on the robot or the remote control to activate the suction. The robot will adhere to the glass.
2. **Select Cleaning Mode:** Use the mode selection buttons on the remote control to choose between N-shaped, Z-shaped, or Automatic cleaning modes.
3. **Start Cleaning:** Press the 'Start' button to begin the cleaning cycle. The robot will automatically detect window frames and obstacles.
4. **Manual Control:** Use the directional arrows on the remote for manual steering if needed.
5. **Stop/Pause:** Press the 'Stop' or 'Pause' button to halt operation.



The LIECTROUX YW710 can be controlled wirelessly via remote control, offering ease of use for all users. The robot is shown cleaning a window with a sea view.

6.2. Using the Mobile Application

1. **Download App:** Download the LIECTROUX app from your smartphone's app store.
2. **Connect Device:** Follow the in-app instructions to connect your YW710 robot via 2.4G Wi-Fi.
3. **Control Functions:** The app allows you to select cleaning modes, start/stop cleaning, manually control movement, and activate the water spray function.



Control the LIECTROUX YW710 window cleaning robot conveniently through its dedicated mobile application, providing full command over cleaning functions.

7. CLEANING MODES

The robot offers three intelligent cleaning modes:

- **N-shaped Mode:** Suitable for horizontal windows, cleaning from left to right.
- **Z-shaped Mode:** Suitable for vertical windows, cleaning from top to bottom.
- **Automatic Mode:** Combines N-shaped and Z-shaped patterns for comprehensive cleaning of the entire window surface.



The robot features intelligent path planning with multiple cleaning modes: N-shaped for horizontal windows, Z-shaped for vertical windows, and an Automatic mode combining both for comprehensive cleaning.

8. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your device.

8.1. Cleaning Cloths

- After each use, remove the microfiber cleaning cloths.
- Wash the cloths with mild detergent and water. Allow them to air dry completely before reuse.
- Replace worn or damaged cleaning cloths to maintain cleaning effectiveness.

8.2. Water Tank

- Empty any remaining water from the tank after each use.
- Rinse the water tank with clean water to prevent residue buildup.

8.3. Device Exterior

- Wipe the exterior of the robot with a soft, dry cloth.
- Do not use abrasive cleaners or solvents.

9. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Robot does not adhere to glass.	Power not connected; insufficient suction; dirty cleaning cloths.	Ensure power adapter is plugged in. Check for obstructions. Clean or replace cleaning cloths.
Robot falls during operation.	Power loss; safety rope not attached; extremely dirty/wet surface.	Ensure safety rope is securely attached. Check power connection. The UPS battery provides temporary suction.
Robot is excessively noisy.	Normal operating noise; internal component issue.	The robot operates at approximately 65dB. If noise is significantly higher than usual, contact customer support.
Water spray not working.	Water tank empty; nozzle clogged.	Refill water tank. Clean spray nozzles if clogged.
Robot not moving or stuck.	Obstruction; dirty wheels/tracks; low battery (UPS).	Remove any obstructions. Clean wheels/tracks. Ensure continuous power supply.

10. SPECIFICATIONS

Feature	Detail
Brand	LIECTROUX
Model Name	YW710
Color	White and Blue
Material	ABS
Product Dimensions	21.5L x 21.5W x 6.5H cm
Suction Power	3000PA
Special Features	Fall Protection, 2-way Water Spray, Brushless Motor
Controller Type	App Control, Remote Control

Feature	Detail
UPS Battery Life	25 Minutes (backup)
Noise Level	Approx. 65dB
Surface Recommendation	Glass

11. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact LIECTROUX customer service directly. Keep your purchase receipt as proof of purchase.