

LIECTROUX HCR-10

LIECTROUX HCR10 Automatic Window Cleaning Robot User Manual

Model: HCR-10

PRODUCT OVERVIEW

The LIECTROUX HCR10 is an intelligent automatic window cleaning robot designed to simplify window maintenance. It features a powerful integrated suction motor providing 2800Pa of suction, allowing it to adhere securely to vertical glass surfaces. Equipped with dual spiral cleaning heads and microfiber cloths, it effectively cleans various glass types, windows, tiles, and glass floors, including hard-to-reach areas like high-rise building windows.

This robot incorporates intelligent AI technology for automatic detection of window frames and obstacles, adjusting its cleaning path accordingly. It offers three automatic cleaning modes and can be controlled via a remote, enabling comprehensive window cleaning with minimal effort.



Image: The LIECTROUX HCR10 robot cleaner with its remote control, illustrating its compact design and operational interface.

LARGE ÉVENTAIL D'UTILISATIONS

Applicable à une variété de surfaces/environnements



Image: Illustration of the robot's high-density fiber cleaning cloths, effective against dust, bacteria, dirt, oil, water stains, and guano.

SAFETY INFORMATION

For safe operation, the window cleaning robot must remain plugged into a power source during use. It is equipped with an integrated UPS (Uninterrupted Power System) battery that provides an additional 25 minutes of suction protection in case of a power outage, preventing the robot from falling and triggering an alarm. A professional 4-meter safety rope and a 5.2-meter adapter cord are included to ensure maximum safety, eliminating the need for dangerous ladders to clean high windows.



Image: Diagram showing the robot's power connection and the 20-minute power-off protection feature, highlighting the 4m safety rope and 1.5m power cord.

PACKAGE CONTENTS

Upon unboxing, please verify that all components are present and in good condition:

- LIECTROUX Window Cleaning Robot
- Washable Cleaning Cloths (10 pieces)
- Cleaning Cloth Holders (4 pieces)
- Water Bottle
- Remote Control
- Power Adapter
- Extension Cable
- Safety Rope
- Instruction Manual

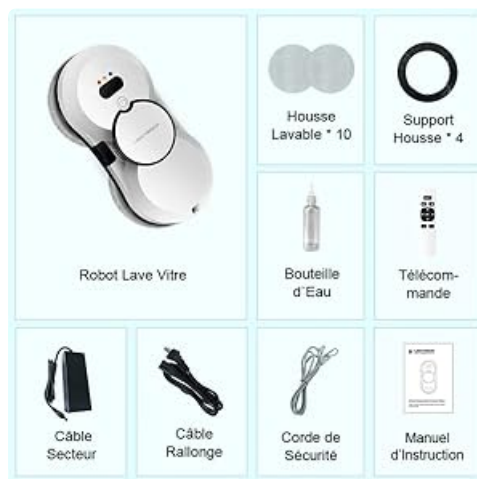


Image: Visual representation of all items included in the LIECTROUX HCR10 robot cleaner package.

SETUP

1. **Charge the Robot:** Before first use, ensure the robot's internal UPS battery is sufficiently charged. Connect the power adapter to the robot and a power outlet.
2. **Attach Cleaning Pads:** Securely attach the clean microfiber cleaning pads to the robot's cleaning

heads. Ensure they are properly aligned and fastened.

3. **Connect Safety Rope:** Always attach the safety rope to a sturdy anchor point indoors before placing the robot on the window. This is crucial for preventing falls.
4. **Fill Water Tank:** If using the water spray function, fill the integrated water tank with clean water or a recommended window cleaning solution using the provided water bottle.
5. **Connect Power:** Plug the robot's power cord into a grounded electrical outlet. The robot requires continuous power for operation.

OPERATING INSTRUCTIONS

1. **Power On:** Place the robot on the glass surface you wish to clean. Press the power button on the robot or the remote control to activate it. The robot will create suction and adhere to the surface.
2. **Select Cleaning Mode:** Use the remote control to select one of the three automatic cleaning modes (e.g., Z-path, N-path, or a combination). The robot will intelligently detect edges and obstacles to navigate the surface.
3. **Activate Water Spray:** If desired, use the remote control to activate the ultrasonic water spray function. This helps to loosen dirt and stains for more effective cleaning.
4. **Monitor Progress:** Allow the robot to complete its cleaning cycle. It will typically return to its starting point or stop once the area is clean.
5. **Power Off:** Once cleaning is complete, power off the robot and carefully remove it from the surface.

PULVÉRISATION D'EAU PAR ULTRASONS

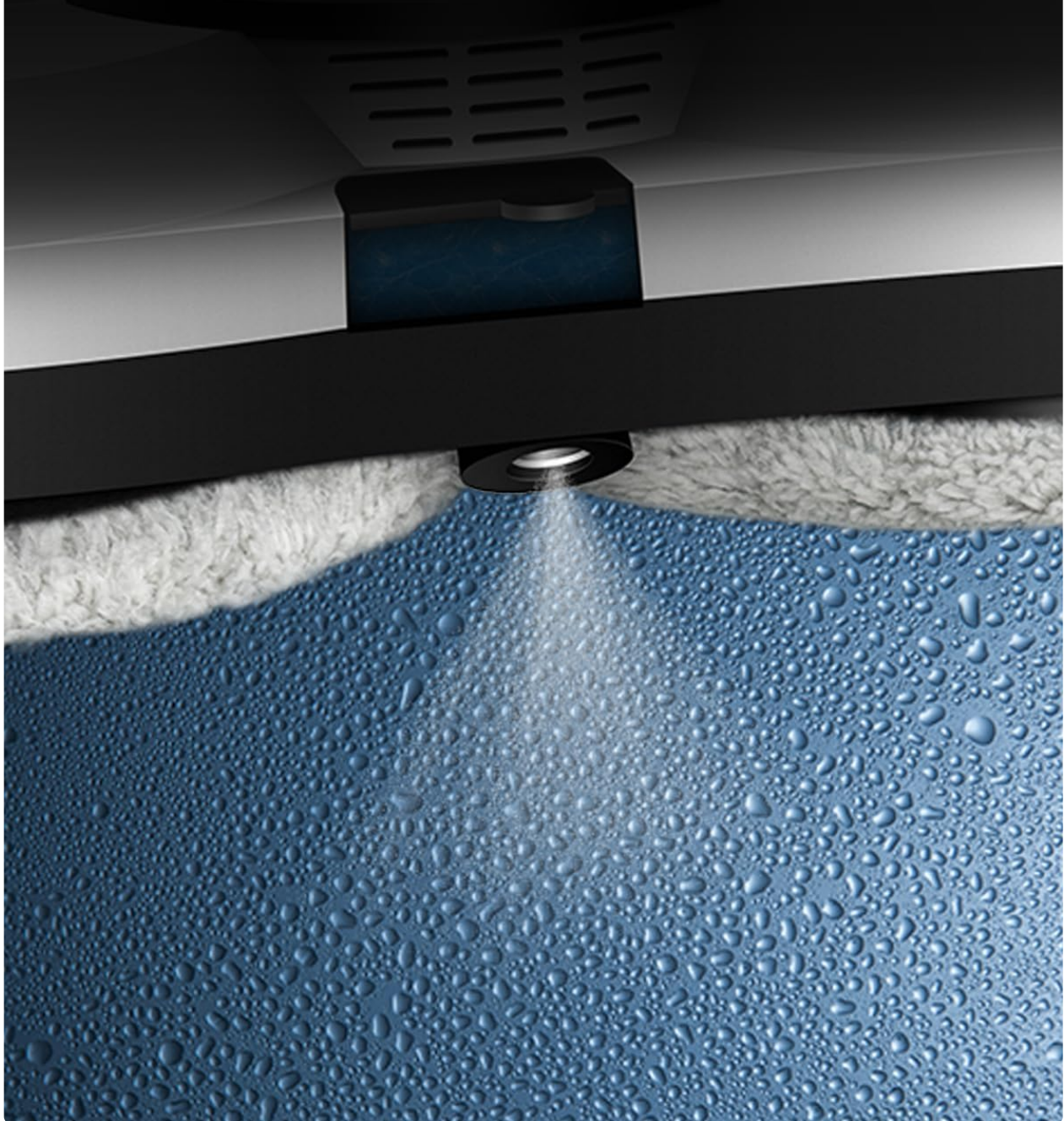


Image: Illustration of the three freely modifiable cleaning modes: top-to-bottom, left-to-right, and right-to-left, controlled by the remote.

DÉMARRAGE PAR SIMPLE PRESSION



Image: Close-up view of the robot's ultrasonic water spray nozzle, demonstrating its fine mist application for effective cleaning.

MAINTENANCE

- **Clean Microfiber Pads:** After each use, remove the microfiber cleaning pads and wash them. They can be hand-washed or machine-washed with mild detergent. Ensure they are completely dry before reattaching for next use.
- **Clean Water Nozzle:** Regularly check and clean the ultrasonic water spray nozzle to prevent clogging. Use a soft brush or cloth to gently wipe away any residue.
- **Wipe Down Robot:** Use a soft, dry cloth to wipe the exterior of the robot, removing any dust or debris.

- **Store Properly:** When not in use, store the robot and its accessories in a clean, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your LIECTROUX HCR10 robot, please refer to the following common problems and solutions:

- **Robot not adhering or falling:**
 - Ensure the power cord is securely plugged in and the robot is receiving continuous power.
 - Check if the suction motor is obstructed or if the suction cups are dirty. Clean them if necessary.
 - Verify that the surface is clean and free of excessive dust or moisture that could reduce suction.
 - Ensure the safety rope is always attached to a secure point.
- **Robot leaving streaks or not cleaning effectively:**
 - Replace or thoroughly clean the microfiber cleaning pads. Dirty pads can leave streaks.
 - Ensure the water tank is filled and the spray nozzle is not clogged.
 - For heavily soiled windows, a pre-cleaning or manual wipe may be necessary before using the robot.
 - Consider adding a small amount of recommended window cleaning solution to the water tank.
- **Robot not moving or moving erratically:**
 - Check for any obstructions on the window surface or around the robot's wheels/tracks.
 - Ensure the remote control batteries are not depleted.
 - If the robot stops mid-cycle, check the power connection. The UPS battery provides temporary power but is not for continuous operation.

SPECIFICATIONS

Feature	Specification
Brand	LIECTROUX
Model Name	HCR-10
Color	Hcr-10 (White)
Product Dimensions (L x W x H)	27 x 27 x 7.75 cm (10.6 x 10.6 x 3.05 inches)
Special Feature	Wet and Dry Cleaning
Power Source	Corded Electric
Form Factor	Handheld

WARRANTY AND SUPPORT





This product is typically eligible for a 30-day return policy for refund or replacement. For specific warranty

details, technical support, or any product-related inquiries, please contact the seller directly. The seller for this product is LIECTROUX ROBOTICS SA.

For further assistance, please refer to the contact information provided at the point of purchase or on the official LIECTROUX website.

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Related Documents - HCR-10

	<p>LIECTROUX HCR-10 Robot Limpiacristales: Manual de Instrucciones</p> <p>Manual de instrucciones detallado para el LIECTROUX HCR-10 Robot Limpiacristales. Aprenda a usar, mantener y solucionar problemas de su limpiador de ventanas robótico.</p>
	<p>Lietroux X6 Intelligent Window Cleaning Robot User Manual and Instructions</p> <p>Comprehensive user manual for the Lietroux X6 intelligent window cleaning robot, covering setup, operation, features, specifications, troubleshooting, and safety guidelines.</p>
	<p>Lietroux YW810 Window Cleaning Robot: User Manual and Safety Guide</p> <p>Comprehensive user manual for the Lietroux YW810 Window Cleaning Robot, detailing safety instructions, product features, operation steps, troubleshooting, and SMART LIFE app connectivity.</p>
	<p>LIECTROUX B6009 Robotic Vacuum Cleaner User Manual</p> <p>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.</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 C30B Robot Vacuum Cleaner Instruction Manual](#)

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.