

Life KRV306

Life KRV306 Robot Vacuum Cleaner and Mop User Manual

Model: KRV306

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your Life KRV306 Robot Vacuum Cleaner and Mop. The KRV306 is an intelligent 2-in-1 cleaning device designed to vacuum and mop various floor types, offering convenience and efficiency for daily home cleaning.

1. SETUP

1.1 Unpacking

Carefully remove all components from the packaging. Ensure all accessories are present:

- Life KRV306 Robot Vacuum Cleaner
- Charging Cable/Adapter
- Dustbin
- Mopping Pad (if pre-installed or separate)
- Side Brushes
- User Manual (this document)

1.2 Initial Charging

Before first use, fully charge the robot. Connect the charging cable to the robot and a power outlet. The indicator light will show charging status. A full charge takes approximately 3 to 4 hours.

1.3 Installing Side Brushes

Align the side brushes with the corresponding posts on the bottom of the robot and press down until they click into place.

1.4 Installing the Dustbin and Mopping Pad

Insert the dustbin into its designated slot until it is securely in place. If using the mopping function, attach the mopping pad to the bottom of the water tank (if separate) or directly to the robot as per design.

2. OPERATING INSTRUCTIONS

2.1 Powering On/Off

Press and hold the power button on the robot for a few seconds to turn it on or off. A chime or indicator light will confirm the status.

2.2 Cleaning Modes

The KRV306 offers three optimized cleaning modes:

- **Automatic Mode:** The robot cleans in a zigzag pattern, covering large areas efficiently. This is the default mode for general cleaning.
- **Spot Mode:** For concentrated dirt, the robot cleans intensively in a circular pattern. Place the robot directly over the area to be cleaned and select this mode.
- **Edge Mode:** The robot follows walls and furniture edges to ensure thorough cleaning of corners and baseboards.

To select a cleaning mode, press the appropriate button on the robot or use the remote control (if included).

2.3 Starting a Cleaning Cycle

Press the "Start" or "Clean" button on the robot. The robot will begin cleaning in the selected mode. Ensure the floor is free of large obstacles and loose cables.

2.4 Pausing and Resuming

To pause a cleaning cycle, press the "Start/Pause" button. Press it again to resume cleaning.

2.5 Returning to Charger

When the battery is low, the robot will automatically attempt to return to its charging base. You can also manually send it back by pressing the home/charge button.

3. MAINTENANCE

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

3.1 Emptying the Dustbin

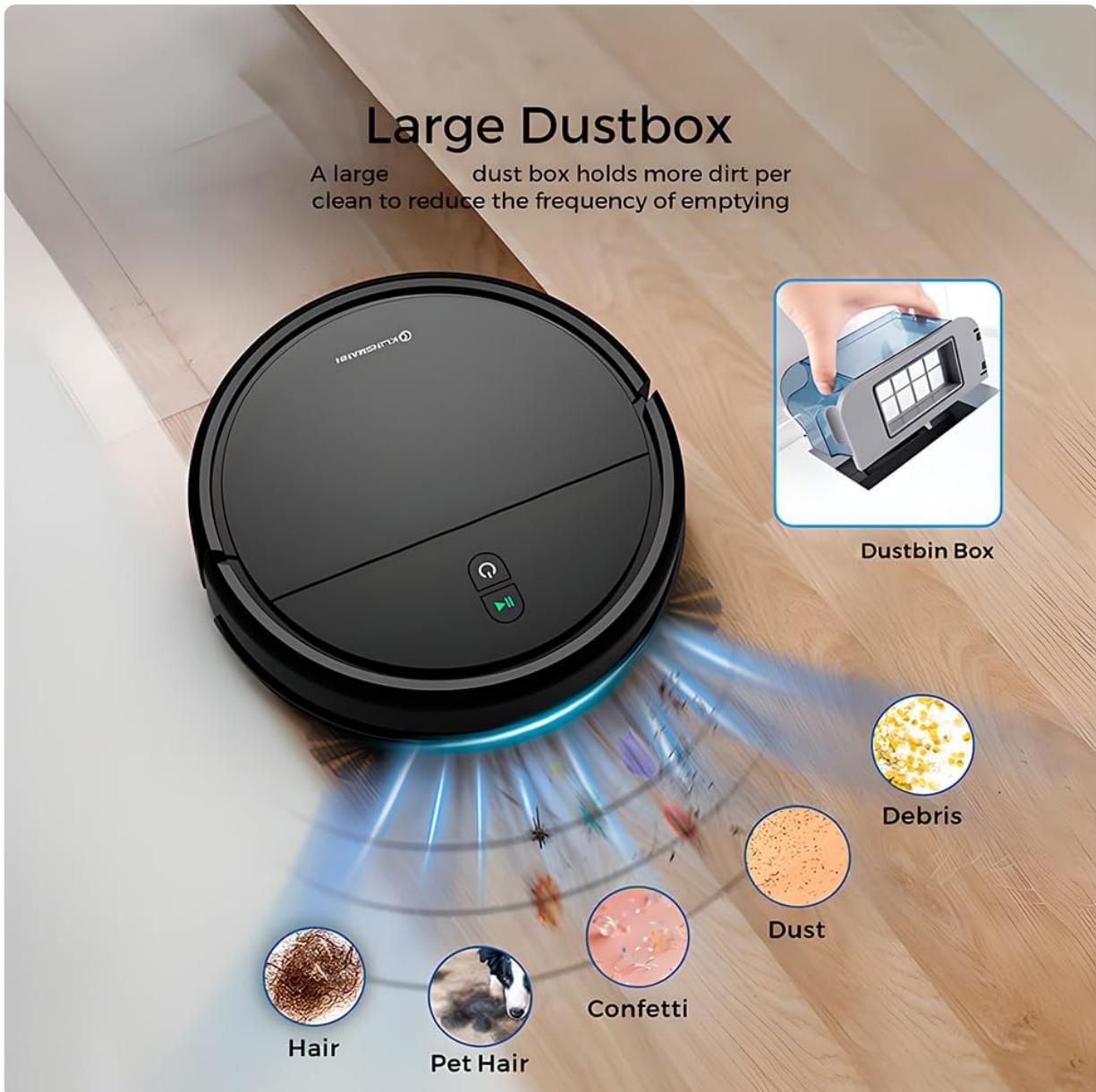


Image: The Life KRV306 robot vacuum cleaner demonstrating its large dustbin capacity, designed to hold more debris per clean and reduce emptying frequency. The image shows the robot on a wooden floor, actively vacuuming various types of debris including hair, pet hair, confetti, dust, and general debris, with an inset showing the removable dustbin component.

Empty the dustbin after each cleaning cycle or when full. Press the release button to remove the dustbin, open its lid, and discard the collected debris. Clean the filter regularly by tapping it gently to remove dust or rinsing it with water if specified (ensure it's completely dry before reinstallation).

3.2 Cleaning the Mopping Pad

Remove the mopping pad after each use. Rinse it thoroughly with water and mild detergent if necessary. Allow it to air dry completely before reattaching or storing.

3.3 Cleaning Side Brushes

Periodically check the side brushes for tangled hair or debris. Remove any obstructions carefully. If brushes are worn or damaged, replace them.

3.4 Cleaning Sensors

Anti-falling with infrared sensors

RoboVac uses drop-sensing technology to avoid falling down stairs



Image: The Life KRV306 robot vacuum cleaner positioned near a set of stairs, illustrating its anti-falling capability. The image highlights the infrared sensors that detect drops, preventing the robot from falling down stairs or off ledges.

Wipe the anti-falling infrared sensors and other sensors on the robot's underside with a clean, dry cloth to ensure they function correctly and prevent navigation issues.

4. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

4.1 Robot Not Moving or Getting Stuck



Image: The Life KRV306 robot vacuum cleaner demonstrating its ability to navigate over thresholds up to 10mm high, ensuring continuous cleaning across different rooms without getting stuck. The image shows the robot smoothly transitioning from one floor level to another.

- **Check for Obstacles:** Ensure there are no loose cables, rugs, or small objects obstructing the robot's path. The robot is designed to handle thresholds up to 10mm.
- **Clean Wheels and Brushes:** Remove any hair or debris tangled around the wheels or side brushes.
- **Sensor Obstruction:** Clean the anti-falling sensors and bumper sensors.

4.2 Poor Cleaning Performance

- **Empty Dustbin:** A full dustbin or clogged filter can reduce suction power. Empty the dustbin and clean the filter.
- **Clean Brushes:** Ensure side brushes are free of debris and spinning correctly.
- **Battery Level:** Ensure the robot is fully charged for optimal performance.

4.3 Robot Not Charging

- **Check Connections:** Ensure the charging cable is securely connected to both the robot and the power outlet.
- **Clean Charging Contacts:** Wipe the charging contacts on both the robot and the charging base with

a dry cloth.

4.4 Robot Bumping into Furniture Excessively



Image: The Life KRV306 robot vacuum cleaner demonstrating its collision mechanical bumper. The robot is shown gently encountering a chair leg, indicating its ability to soft-hit obstacles and automatically adjust its path without causing damage to furniture.

- **Clean Bumper Sensors:** Ensure the bumper area is clean and free from obstructions.
- **Lighting Conditions:** In very dark environments, obstacle detection might be less effective.

5. SPECIFICATIONS

Feature	Specification
Model	KRV306
Functions	Vacuuming, Mopping
Suction Power	400 PA

Noise Level	Max 68 dB
Battery Type	1500mAh Lithium-Ion
Run Time	60 - 80 minutes
Charging Time	3 - 4 hours
Dimensions (L x W x H)	29 x 29 x 7.2 cm
Product Weight	2.1 kg
Special Features	Low noise, Compact, Rechargeable, Anti-falling sensors, Collision bumper

6. WARRANTY INFORMATION

The Life KRV306 Robot Vacuum Cleaner and Mop comes with a **90-day warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized repairs, or normal wear and tear. Please retain your proof of purchase for warranty claims.

7. CUSTOMER SUPPORT

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact our customer support. Refer to your purchase documentation or the retailer's website for specific contact details.

When contacting support, please have the following information ready:

- Product Model: **Life KRV306**
- Date of Purchase
- Description of the issue