Kärcher RCV 2

Kärcher RCV 2 Robotic Vacuum Cleaner User Manual

Model: RCV 2 | Manufacturer: Kärcher

1. INTRODUCTION

Thank you for choosing the Kärcher RCV 2 Robotic Vacuum Cleaner. This device is designed to provide efficient and convenient cleaning for your home, combining both vacuuming and mopping functionalities. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your RCV 2.
Please read this manual thoroughly before operating the device and retain it for future reference.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury:

- Read all instructions before using the appliance.

- Do not operate the robot in areas with open flames or explosive materials.

- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.

- Do not pick up large objects, sharp objects, or liquids with the robot.

- Ensure the charging base is placed on a flat, stable surface against a wall, with clear space around it.

- Supervise children and pets when the robot is operating.

- Only use the original charging adapter and accessories provided by Kärcher.

- Do not expose the robot or charging base to water or moisture.

- Before cleaning or maintenance, ensure the robot is powered off and disconnected from the charging base.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Kärcher RCV 2 Robotic Vacuum Cleaner

- Charging Adapter

- Remote Control

- 2-in-1 Powder and Water Reservoir

- Robot Cleaning Brush

- 2 x Side Brushes

- 2 x Microfiber MOP Pads

- Instruction Manual (this document)

Image: Kärcher RCV 2 Robotic Vacuum Cleaner, showing the main unit, remote control, and a smartphone displaying the Kärcher Home Robots app interface.

4. SETUP

4.1 Charging Base Placement

1. Choose a location for the charging base against a wall, on a hard, level surface.

2. Ensure there is at least 0.5 meters (1.6 feet) of clear space on either side of the charging base and 1.5 meters (4.9 feet) in front of it.

3. Plug the charging adapter into the charging base and then into a power outlet.

4.2 Initial Charge

1. Place the RCV 2 onto the charging base, ensuring the charging contacts align.

2. The robot will begin charging. Allow for a full charge before first use (approximately 4-5 hours). The indicator light on the robot will change to indicate a full charge.

4.3 Side Brush Installation

Gently press the side brushes onto their respective posts on the underside of the robot until they click into place.

Image: Underside view of the Kärcher RCV 2, highlighting the main brush, side brushes, and suction inlet.

4.4 App Installation and Pairing

1. Download the **Kärcher Home Robots** app from your smartphone's app store (iOS or Android).

2. Open the app and follow the on-screen instructions to create an account and add your RCV 2 device.

3. Ensure your robot is powered on and your smartphone is connected to a 2.4GHz Wi-Fi network during the pairing process.

Image: A person interacting with the Kärcher Home Robots app on a smartphone, with the RCV 2 robot vacuum visible in the background, demonstrating app control.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- To power on, press and hold the power button on the robot until the indicator lights illuminate.

- To power off, press and hold the power button until the indicator lights turn off.

5.2 Cleaning Modes

The RCV 2 offers multiple cleaning modes:

- **Vacuuming:** For dry cleaning of dust, dirt, and pet hair on various floor types, including carpets.
- **Mopping:** For wet cleaning of hard floors. Fill the water reservoir and attach the microfiber mop pad.
- **Combined Cleaning (Vacuum & Mop):** The robot vacuums and mops simultaneously. Ensure the 2-in-1 reservoir is correctly installed with water and a mop pad.

Image: The Kärcher RCV 2 robot vacuum cleaner on a hard floor, with its transparent 2-in-1 water and dust reservoir clearly visible, illustrating its mopping capability.

5.3 Using the Remote Control

The remote control allows for direct operation and setting adjustments:

- **Start/Pause:** Press the play/pause button to start or pause cleaning.
- **Directional Control:** Use arrow buttons to manually steer the robot.
- **Return to Base:** Press the home button to send the robot back to its charging base.
- **Mode Selection:** Select different cleaning modes (e.g., spot cleaning, edge cleaning).
- **Suction Power/Water Volume:** Adjust these parameters as needed.

Image: A hand holding the Kärcher RCV 2 remote control, featuring clearly labeled buttons for various functions, indicating ease of use.

5.4 Gyro Navigation

The RCV 2 utilizes gyroscopic navigation to map its environment and plan an efficient cleaning path. This ensures thorough coverage and prevents the robot from missing areas.

Image: The Kärcher RCV 2 robot vacuum cleaner operating on a floor, with an overlay indicating its gyroscopic navigation system mapping the cleaning area for comprehensive coverage.

5.5 Anti-Drop and Collision Sensors

Equipped with anti-drop sensors, the RCV 2 detects stairs and ledges, preventing falls. Collision sensors and a side rubber bumper protect the robot and your furniture from impacts.

Image: The Kärcher RCV 2 robot vacuum cleaner positioned near a set of stairs, with a visual representation of its anti-drop sensors detecting the edge and preventing a fall.

5.6 Automatic Return to Base

When the battery level is low or cleaning is complete, the RCV 2 will automatically return to its charging base. If the battery runs low during a cleaning cycle, it will recharge and resume cleaning from where it left off.

Image: The Kärcher RCV 2 robot vacuum cleaner autonomously returning to its charging base, positioned against a wall in a living

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your RCV 2.

6.1 Emptying the Dust Bin

1. Press the release button to remove the 2-in-1 reservoir from the robot.
2. Open the dust bin compartment and empty its contents into a waste bin.
3. Clean the dust bin with a dry cloth or brush.

6.2 Cleaning/Refilling the Water Tank

1. Remove the 2-in-1 reservoir.
2. Open the water tank cap and fill with clean water. Do not use detergents or cleaning solutions not approved by Kärcher.
3. After mopping, empty any remaining water and rinse the tank.

6.3 Cleaning Brushes and Filter

- **Main Brush:** Remove the main brush cover and lift out the brush. Use the provided cleaning tool to remove hair and debris.
- **Side Brushes:** Pull the side brushes off their posts. Remove any tangled hair or debris.
- **Filter:** Tap the filter gently to remove dust. Rinse with water if necessary, but ensure it is completely dry before re-inserting. Replace the filter every 3-6 months depending on usage.

6.4 Cleaning Sensors

Wipe the anti-drop sensors (located on the underside) and collision sensors (on the bumper) with a clean, dry cloth to ensure proper function.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not power on.	Low battery; power button not pressed correctly.	Charge the robot; press and hold the power button for a few seconds.
Robot does not charge.	Charging contacts not aligned; charging base not powered.	Ensure robot is correctly placed on base; check power connection to base.
Poor cleaning performance.	Dust bin full; brushes tangled; filter clogged.	Empty dust bin; clean main and side brushes; clean or replace filter.
Robot gets stuck frequently.	Obstacles on floor; sensors dirty.	Clear cables, rugs, and small objects; clean all sensors.
App connection issues.	Incorrect Wi-Fi password; robot too far from router; 5GHz Wi-Fi network.	Verify Wi-Fi password; move robot closer to router; ensure 2.4GHz Wi-Fi is used.

8. SPECIFICATIONS

Feature	Detail
Brand	Kärcher
Model Name	RCV 2 (Robô Aspirador de Pó Kärcher RCV 2)
Item Model Number	12696710
Product Dimensions	32.5L x 8H Centimeters
Item Weight	4 kg 880 g
Battery Life	Up to 130 Minutes
Dust/Water Reservoir Capacity	420 Milliliters (2-in-1)
Suction Power	4000pa
Control Method	Remote Control, Kärcher Home Robots App
Navigation Type	Gyro Navigation
Special Features	2-in-1 Vacuum & Mop, Anti-drop & Collision Sensors, Automatic Return to Base, Multiple Cleaning Modes, App Control, Scheduling

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Kärcher RCV 2 Robotic Vacuum Cleaner comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Kärcher website for detailed terms and conditions. Keep your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, spare parts, or service inquiries, please contact Kärcher customer support:

- **Website:** Visit the official Kärcher website for FAQs and support resources.
- **Phone:** Refer to your regional Kärcher website for local contact numbers.
- **App Support:** The Kärcher Home Robots app may also offer in-app support options.

When contacting support, please have your product model (RCV 2) and serial number (if applicable) ready.