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› Redkey R10 Robot Vacuum Cleaner Instruction Manual

Redkey R10

Redkey R10 Robot Vacuum Cleaner Instruction Manual

Model: R10

INTRODUCTION

Thank you for choosing the Redkey R10 Robot Vacuum Cleaner. This device is designed to provide efficient and convenient cleaning for your home, combining sweeping, vacuuming, and mopping functionalities. Please read this manual thoroughly before using the product to ensure proper operation and maintenance.

90 jours de nettoyage mains libres

Le nettoyage automatique vous libère les mains



Image: The Redkey R10 Robot Vacuum Cleaner, a sleek black circular device, positioned on a clean floor.

PACKAGE CONTENTS

Ensure all items are present and in good condition upon unboxing:

- 1 x Redkey R10 Robot Vacuum Cleaner (with Auto-Empty Station)
- 1 x 2-in-1 Dust Bin and Water Tank
- 2 x Side Brushes
- 2 x HEPA Filters
- 2 x Mop Cloths
- 2 x Dust Bags (for auto-empty station)
- 1 x Cleaning Brush
- 1 x User Manual

SETUP

1. Auto-Empty Station Placement

Place the auto-empty station against a wall in an open area, ensuring there are no obstacles within 1 meter (3 feet) to the front and 0.5 meters (1.5 feet) to the sides. Connect the power cord to the station and plug it into a power outlet.



Image: The Redkey R10 robot vacuum and its auto-empty station on a hardwood floor. An inset shows a hand placing a dust bag into the station. This station allows for up to 90 days of hands-free cleaning.

2. Initial Charging

Place the robot onto the charging contacts of the auto-empty station. Ensure the robot is properly aligned. The robot will automatically begin charging. For first-time use, fully charge the robot before operation.

3. App Installation and Pairing

1. Download the "Redkey" app from your smartphone's app store (iOS or Android).
2. Open the app and follow the on-screen instructions to create an account.
3. Add your Redkey R10 device by selecting the model and following the pairing process, which typically involves connecting to the robot's Wi-Fi hotspot temporarily.

OPERATING INSTRUCTIONS

1. Starting and Stopping Cleaning

- **Start Cleaning:** Press the power button on the robot or use the "Start" function in the Redkey app.
- **Pause/Resume:** Press the power button once during cleaning to pause. Press again to resume.
- **Return to Station:** Press and hold the power button for a few seconds, or use the "Recharge" function in the app.

2. Cleaning Modes

The Redkey R10 offers 3-in-1 cleaning (sweeping, vacuuming, mopping) and multiple suction modes:

- **Sweep, Vacuum, Mop:** The robot can perform these functions simultaneously or individually. Select your preferred mode via the Redkey app.
- **Water Flow Adjustment:** The 2-in-1 electronic tank (400ml dust bin + 350ml water tank) allows for three adjustable water flow levels, configurable through the app based on dirt levels.

- **Suction Modes:** Choose from 4 suction modes to effectively remove pet hair and stubborn dirt. These modes include Silent, Standard, Strong, and Maximum, each offering different cleaning durations.

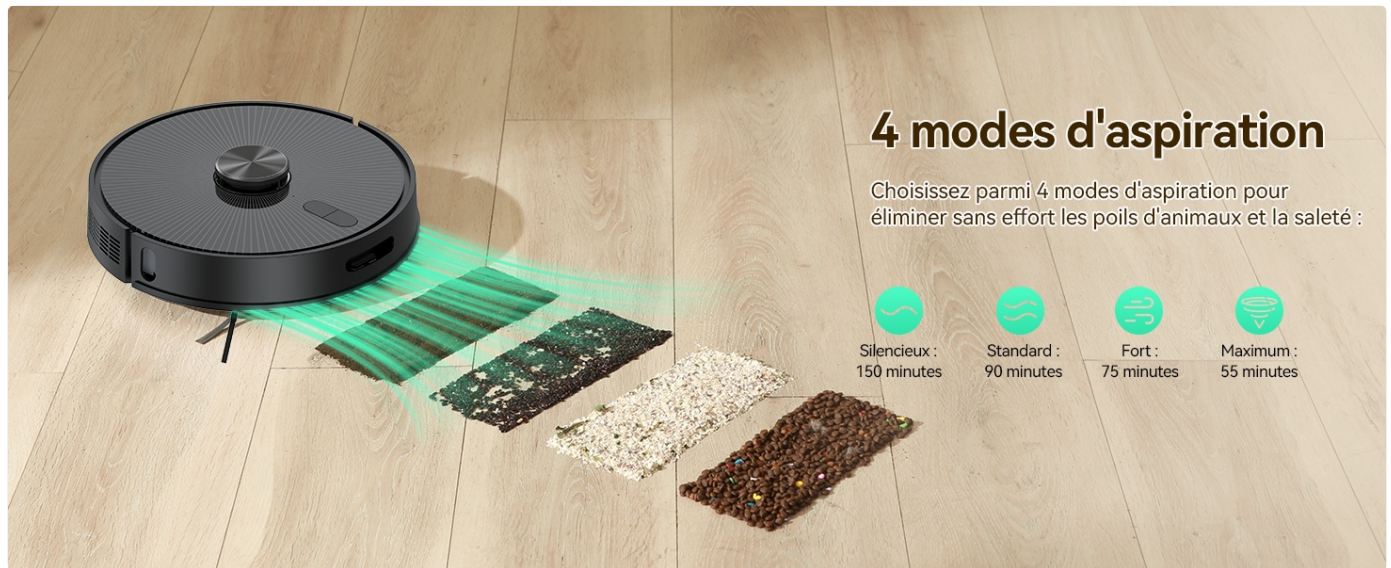


Image: The Redkey R10 robot vacuum demonstrating its four suction modes (Silent, Standard, Strong, Maximum) on various floor surfaces with different debris types.

3. Smart Navigation and Mapping

Equipped with USLAM Air 6.0 algorithm and 360° LiDAR navigation, the R10 creates precise maps of your home for efficient cleaning paths.

- **Custom Mapping:** The app allows you to define cleaning order, times, select specific rooms, and set virtual walls or no-go zones.
- **Obstacle Avoidance:** The robot detects and avoids obstacles, collisions, and falls, protecting furniture and floors.



Image: The Redkey R10 robot vacuum on a carpet near a sofa, with a smartphone displaying a 3D floor plan hologram. This illustrates the custom mapping feature for personalized cleaning.



Image: A robotic vacuum cleaner on a wooden floor with colored overlays indicating virtual walls and no-go zones, demonstrating the app's ability to define restricted areas.

4. Smart Home Integration

The robot can be started or stopped via Google Assistant, allowing for voice control of your cleaning tasks.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Redkey R10.

1. Auto-Empty Station Dust Bag

- The 4-liter dust bag in the auto-empty station allows for up to 90 days of hands-free cleaning.
- Replace the dust bag when the indicator light on the station or the app notifies you it is full.
- To replace, open the top cover of the auto-empty station, remove the full bag, and insert a new one, ensuring it is properly sealed.

2. 2-in-1 Dust Bin and Water Tank

- Empty the dust bin component of the 2-in-1 tank after each cleaning cycle or as needed.
- Refill the water tank with clean water before mopping. After mopping, empty any remaining water and allow the tank to air dry to prevent odors and mildew.
- Clean the internal filters of the dust bin regularly with the provided cleaning brush.

3. Main Brush and Side Brushes

- **Main Brush:** The removable floating main brush adapts to different floor types and reduces hair entanglement. Regularly remove the main brush cover and clean any tangled hair or debris using the cleaning tool.
- **Side Brushes:** Check side brushes for wear and tear. Clean any tangled hair or debris. Replace them if they are damaged or worn out to maintain effective edge cleaning.

4. HEPA Filters

- Tap the HEPA filters gently to remove dust. Do not wash HEPA filters with water, as this can damage them.
- Replace HEPA filters every 3-6 months, depending on usage.

5. Sensors and Charging Contacts

- Wipe all sensors (LiDAR, cliff sensors, wall sensors) and charging contacts on both the robot and the station with a clean, dry cloth to ensure proper functionality.

TROUBLESHOOTING

If you encounter issues with your Redkey R10, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not start or respond.	Low battery; power switch off; robot stuck.	Ensure robot is charged; check power switch; clear any obstructions.
Robot makes excessive noise during auto-emptying.	This is normal operation for the high-powered suction of the auto-empty station.	No action required. This is part of the design.
Poor cleaning performance.	Full dust bin/bag; clogged filters; tangled brushes.	Empty dust bin/replace dust bag; clean/replace filters; clean main and side brushes.
Robot cannot return to charging station.	Charging station obstructed; robot too far; dirty charging contacts.	Clear area around station; manually place robot on station; clean charging contacts.
App connection issues.	Incorrect Wi-Fi password; router issues; robot not in pairing mode.	Verify Wi-Fi credentials; restart router; reset robot's Wi-Fi and re-pair.
Robot reports "wheel blocked" error.	Debris in wheel mechanism; damaged wheel.	Inspect wheels for obstructions and clean. If issue persists, contact support.
Lidar error or navigation issues.	Lidar sensor obstructed or damaged.	Ensure the LiDAR sensor on top of the robot is clean and unobstructed. If the error persists, contact customer support.

For issues not listed here, or if problems persist, please contact Redkey customer support.

SPECIFICATIONS

Feature	Detail
Model	R10
Brand	Redkey
Functions	Sweep, Vacuum, Mop (3-in-1)
Navigation System	USLAM Air 6.0, 360° LiDAR
Auto-Empty Station Suction	21,000 Pa
Auto-Empty Dust Bag Capacity	4 Liters (up to 90 days hands-free)
2-in-1 Tank Dust Bin Capacity	400 ml
2-in-1 Tank Water Tank Capacity	350 ml (3 adjustable flow levels)

Feature	Detail
Battery Capacity	3200 mAh
Max Operating Time	Up to 150 minutes
Max Cleaning Area	Up to 180 m²
Obstacle Crossing Height	18 mm
Robot Dimensions (Diameter x Height)	33 cm x 9.4 cm
Power Source	Battery Powered
Material	Aluminum
Smart Home Compatibility	Google Assistant

Warranty and Support

Warranty Information

The Redkey R10 Robot Vacuum Cleaner comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures product protection. Please retain your proof of purchase for warranty claims.

Customer Support

If you have any questions, concerns, or require technical assistance, please contact Redkey customer support through the following channels:

- Amazon Purchase:** Go to "Your Account" > "Your Orders" > Select your Redkey R10 order > "Ask Product Question" or "Contact Seller".
- Redkey offers 12-hour rapid support, available 24/7.



Redkey Soutien

Comment nous contacter

Si vous avez des inquiétudes concernant notre produit
Veuillez nous en faire part via le canal suivant :

Compte -Commandes -Détails de la commande
Vendu par : WHSJ-EU -Posez une question



12 heures de support
rapide
assistance 24h/24 et 7j/7



2 ans de protection du
produit
Aucune réparation nécessaire

Image: A customer service representative wearing a headset, with text indicating 12-hour rapid support and 2 years of product protection.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question