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Rozi R7

Rozi R7 Robot Vacuum and Mop Combo Instruction Manual

Model: R7 | Brand: Rozi

Introduction

The Rozi R7 Robot Vacuum and Mop Combo is designed to provide efficient and comprehensive floor cleaning. Featuring advanced LiDAR navigation, powerful 3000Pa suction, and a convenient self-emptying base, it offers both vacuuming and mopping functionalities. This manual provides essential information for setting up, operating, and maintaining your Rozi R7 to ensure optimal performance and longevity.

What's in the Box



Image: All components included in the Rozi R7 Robot Vacuum package.

- Rozi R7 Robot Vacuum Cleaner x1

- Self-Empty & Charging Base x1
- 2-in-1 Dustbin and Water Tank x1
- Side Brush x3 (one pre-installed, two replacements)
- HEPA Filter x1 (replacement)
- Mop Cloth Board x1
- Mop Cloth x2 (washable)
- Dust Bag x5 (one pre-installed in base, four replacements)
- Disposable Mop Cloth x10
- Cleaning Tool x1
- User Manual x1

Setup

1. **Unpacking and Initial Preparation:**

   Carefully remove all components from the packaging. Before first use, ensure you remove the foam cotton from the machine. Remove any power cords or small objects from the floor that may entangle the robot during operation.

2. **Charging Base Placement:**

   Place the self-empty and charging base against a wall in an open area, ensuring there are no obstacles within 1 meter (3 feet) to either side and 1.5 meters (5 feet) in front of the base. Plug the charging base into a power outlet.



Image: The Rozi R7 Robot Vacuum docking with its self-emptying and charging base.

3. **First Charge:**

   Place the robot vacuum onto the charging base. Ensure the charging contacts on the robot align with those on the base. The robot will automatically begin charging. Allow for a full charge before the first cleaning cycle.

4. **App Connection (2.4GHz WiFi Only):**

   Download the Tuya Smart app from your mobile app store. Follow the in-app instructions to connect your Rozi R7 robot vacuum. **Note:** The robot vacuum and mop ONLY supports 2.4GHz Wi-Fi networks. Ensure your mobile device is connected to a 2.4GHz network during the setup process.



Image: Mobile application interface for controlling the Rozi R7, including setting no-go zones.

5. **Voice Control Setup:**

   Once connected to the Tuya app, you can link your Rozi R7 to compatible smart home devices like Amazon Echo or Google Home for convenient voice control. Refer to the app's instructions for specific voice assistant integration steps.

6. **Mop Cloth and Water Tank Installation:**

   For mopping functions, fill the 2-in-1 dustbin and water tank with clean water. Attach a mop cloth (either washable or disposable) to the mop cloth board and then securely install the assembly into the robot vacuum.

Operating Instructions

1. Starting a Cleaning Cycle

Press the power button on the robot or use the Tuya app to start a cleaning cycle. The robot will begin mapping its environment using LiDAR navigation and plan an efficient cleaning path.



Image: The Rozi R7 demonstrating its precision LiDAR navigation and mapping capabilities.

2. Cleaning Modes

- **Vacuuming:** The robot uses its powerful 3000Pa suction to clean dust, crumbs, and pet hair from various surfaces including carpet, wood floors, and tiles.
- **Mopping:** With the water tank and mop cloth installed, the robot can mop hard floors. It offers 3 levels of adjustable water output to suit different cleaning needs.
- **Vacuum & Mop Combo:** Simultaneously vacuums and mops for a comprehensive clean.



Image: The Rozi R7 performing 3-in-1 vacuuming, sweeping, and mopping.

3. Suction Power and Carpet Boost

The Rozi R7 features a maximum suction power of 3000Pa with 4 adjustable suction levels. It includes a carpet sensor that automatically boosts suction power when detecting carpets for deeper cleaning.



Image: The Rozi R7 demonstrating its maximum 3000Pa suction with automatic carpet boost.

4. Navigation and Sensors

Equipped with precision LiDAR navigation, the robot accurately scans and maps your home in real-time, enabling intelligent path planning. Over 20 sensors provide real-time guidance:

- **Cliff Sensors:** Prevent the robot from falling down stairs.
- **Wall-Following Detector:** Helps clean corners and edges effectively.
- **Obstacle Avoidance:** Navigates around furniture and other objects.



Image: The Rozi R7's intelligent cleaning path across multiple rooms.



Image: Visual representation of the Rozi R7's anti-drop, wall-following, and obstacle avoidance sensors.

5. App Control and Customization

The Tuya app allows you to:

- Schedule cleaning times.
- Manage and edit cleaning maps.
- Divide or merge cleaning areas.
- Set up virtual boundaries and no-go zones.
- Customize cleaning modes and suction levels.
- Locate your robot.

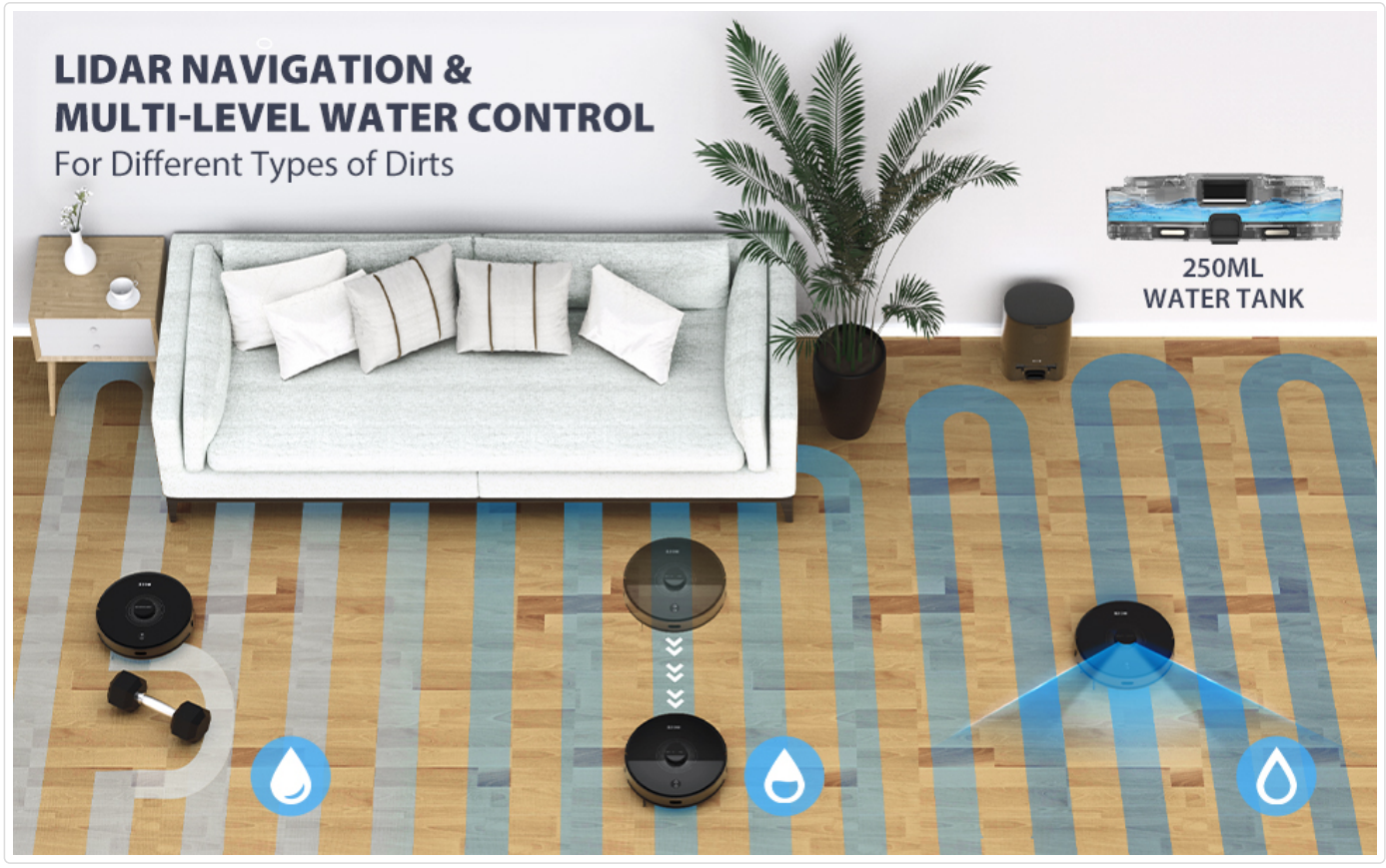


Image: The Tuya app showing options for setting no-go zones on the cleaning map.

6. Automatic Recharge and Resume

The robot will automatically return to its charging base when the battery is low. After recharging, it will resume cleaning from where it left off until the cleaning task is complete.



Image: The Rozi R7 Robot Vacuum automatically returning to its charging base.

Your browser does not support the video tag.

Video: The Rozi R7 Robot Vacuum demonstrating its self-emptying and automatic charging features.

Maintenance

Regular maintenance ensures your Rozi R7 operates efficiently.

1. **Self-Emptying Dustbin:**

   The 3L large capacity dust bag in the self-empty base can hold dirt for up to 6 weeks of daily use. The LED display screen on the base will remind you when the dust bag is full or not properly installed. Replace the dust bag as needed.



Image: The self-emptying base with a 3L dust bag, capable of holding dirt for up to 6 weeks.

2. **2-in-1 Dustbin and Water Tank:**

   Empty the dustbin portion and clean the water tank after each mopping cycle. The mop cloth can be washed and reused, or replaced with a disposable one.

3. **HEPA Filter:**

   Regularly clean the HEPA filter to maintain suction efficiency. Replace the HEPA filter every 3-6 months, or as needed, depending on usage.

4. **Side Brushes:**

   Check the side brushes for tangled hair or debris. Clean them regularly and replace if worn or damaged. The package includes spare side brushes.

5. **Main Brush:**

   Remove and clean the main brush regularly, especially if pet hair is present, to prevent entanglement and maintain cleaning performance. Use the provided cleaning tool.

6. **Sensors:**

   Wipe the cliff sensors and other optical sensors with a clean, dry cloth to ensure accurate navigation.

Troubleshooting

- **Robot not connecting to Wi-Fi:**

  Ensure your Wi-Fi network is 2.4GHz. The Rozi R7 does not support 5GHz networks. Check your router settings or contact your internet service provider for assistance.

- **Robot getting stuck or entangled:**

  Before cleaning, remove power cords, small rugs, toys, and other obstacles from the floor. If the robot frequently gets stuck, consider setting virtual boundaries in the app.

- **Robot not cleaning black carpets:**

  The Rozi R7 may not operate effectively on black carpets due to its cliff sensors misinterpreting dark surfaces as drops. This is a common limitation for many robot vacuums.

- **Reduced suction power:**

  Check if the dustbin is full, the dust bag in the self-empty base needs replacement, or the HEPA filter is clogged. Clean or replace components as necessary.

- **Mopping function not working:**

  Ensure the water tank is filled and the mop cloth is properly attached. Check for any blockages in the water output nozzles.

- **Robot not charging:**

  Verify that the charging base is plugged in and the robot's charging contacts are clean and properly aligned with the base.

Specifications

Brand	Rozi
Model Name	ROZI R7
Special Feature	LiDAR Navigation, Self-Emptying
Color	Black
Filter Type	Foam, 5-layer HEPA filtration system
Battery Life	260 minutes (5200mAh Lithium battery)
Dustbin Capacity	0.3 Liters (robot), 3 Liters (self-empty base)
Power Source	Battery Powered
Control Method	App, Voice (Amazon Echo, Google Home)
Form Factor	Robotic
Item Weight	21.9 pounds
Surface Recommendation	Carpet, Hard Floor (Note: Does not support black carpet)

Warranty and Support

The Rozi R7 Robot Vacuum comes with a **1 Year Warranty**. For any issues or questions after your purchase, please contact customer service. You can typically find contact information on the Amazon order detail page under "Sold by: JIDING US" and then "Ask a question". Customer service is available 7 days a week, 24 hours a day.

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