roborock S5

roborock S5 Robot Vacuum and Mop User Manual

MODEL: S5

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your roborock S5 Robot Vacuum and Mop. The roborock S5 is designed to provide efficient and thorough cleaning of your home with its advanced LiDAR navigation, powerful suction, and integrated mopping system. Please read this manual carefully before using the product to ensure optimal performance and longevity.

2. Product Overview

The roborock S5 combines vacuuming and mopping functionalities, offering a comprehensive cleaning solution. Its intelligent navigation system maps your home for precise and efficient cleaning paths.

Key Features:

- **LiDAR Navigation:** Maps your house, plans routes, and schedules cleaning.
- **Simultaneous Vacuuming and Mopping:** Efficiently vacuums and mops without leaving streaks.
- **2000Pa Strong Suction:** Powerful suction with multiple cleaning modes (Carpet, Quiet, Mopping, Balanced, Turbo & Max).
- **Smart APP Control:** Scheduling, map saving, setting No-go zones and No-mop zones, real-time map, and customization via the Roborock App.
- **Obstacle Crossing:** Can cross obstacles up to 2cm (0.8 inches) high.
- **Anti-Falling Sensors:** Four cliff sensors prevent falls from stairs.
- **Long Battery Life:** Up to 3 hours of continuous operation.

Product Components:

Figure 2.1: Top view of the roborock S5, showing the LiDAR sensor turret and control buttons.

Figure 2.2: Underside view of the roborock S5, highlighting the main brush, side brush, and various sensors.
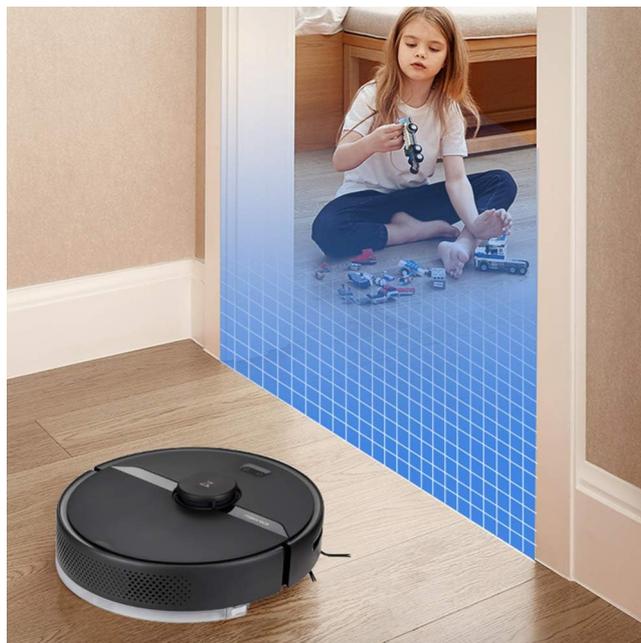

Figure 2.3: The roborock S5 intelligently navigates around obstacles and respects virtual no-go zones set via the app.

Figure 2.4: The roborock S5 is capable of crossing small thresholds up to 2cm (0.8 inches).

3. Setup

1. **Unpack and Place:** Remove all packaging materials. Place the charging dock against a wall on a hard, level surface, ensuring there is adequate clear space around it (at least 0.5m on sides, 1.5m in front).

2. **Charge the Robot:** Place the roborock S5 onto the charging dock. Ensure the charging contacts align. The robot will announce its charging status. Allow it to fully charge before first use.

3. **Download the App:** Download the "Roborock" app from your mobile device's app store (available for Android and iOS).

4. **Connect to Wi-Fi:** Open the Roborock app and follow the on-screen instructions to connect your robot to your home Wi-Fi network. Ensure your phone is connected to a 2.4GHz Wi-Fi network during setup.

5. **Initial Mapping:** For the first cleaning cycle, allow the robot to clean your entire home without interruption. This allows the LiDAR navigation system to create an accurate map of your living space.

6. **Set No-go Zones (Optional):** Once the map is created, use the Roborock app to define virtual no-go zones or no-mop zones to restrict the robot from certain areas.

4. Operating Instructions

Starting a Cleaning Cycle:

- **Via Robot Buttons:** Press the Power button on the robot to start a full cleaning cycle.
- **Via Roborock App:** Open the app and tap "Clean" to start. You can also select specific rooms or zones for cleaning.
- **Scheduling:** Use the app to set daily or weekly cleaning schedules.

Cleaning Modes:

The roborock S5 offers various suction modes to suit different cleaning needs:

- **Quiet:** For minimal noise.
- **Balanced:** Standard mode for everyday cleaning.
- **Turbo:** Increased suction for tougher dirt.

- **Max:** Maximum suction power for deep cleaning.
- **Carpet Boost:** Automatically increases suction on carpets when enabled in the app.
- **Mopping:** Activates the mopping function. Ensure the water tank is filled and the mop cloth is attached.

Using the Mopping Function:

Attach the water tank and mop cloth module to the robot. Fill the water tank with clean water. For optimal results, vacuum the area first before mopping. The robot will automatically dispense water as it cleans.

Voice Control:

The roborock S5 is compatible with Amazon Alexa. Link your Roborock account in the Alexa app to control your robot with voice commands (e.g., "Alexa, ask Roborock to start cleaning").

5. Maintenance

Regular maintenance ensures your roborock S5 operates efficiently and extends its lifespan.

Dust Bin:

- **Emptying:** Empty the dust bin after each cleaning cycle. Press the release button, remove the bin, and discard debris.
- **Filter Cleaning:** Tap the filter against a trash can to remove dust. The filter can also be rinsed with water; ensure it is completely dry before reinserting.

Brushes:

- **Main Brush:** Remove the main brush cover and the brush. Use the cleaning tool to remove tangled hair and debris. Clean the brush bearings.
- **Side Brush:** Periodically check the side brush for tangled hair or debris. Remove and clean if necessary.

Mopping Module:

- **Mop Cloth:** Remove the mop cloth after each use and wash it. It can be hand-washed or machine-washed.
- **Water Tank:** Empty any remaining water from the tank after use. Clean the water tank and ensure the water distribution ports are not clogged.

Sensors:

- Wipe all sensors (cliff sensors, wall sensor, charging contacts) with a soft, dry cloth to ensure proper function.

6. Troubleshooting

If you encounter issues with your roborock S5, refer to the following common problems and solutions. For more detailed troubleshooting, consult the official User Manual PDF.

- **Robot not charging:** Ensure the charging dock is powered on and the robot's charging contacts are clean and properly aligned with the dock.
- **Robot getting stuck frequently:** Clear obstacles from the cleaning path. Use the app to set virtual no-go zones for problematic areas. Clean the wheels and sensors.
- **Poor cleaning performance:** Empty the dust bin, clean or replace the filter, and clean the main and side brushes. Ensure the suction mode is appropriate for the floor type.

- **App connectivity issues:** Ensure your robot is within Wi-Fi range and your Wi-Fi network is stable. Restart the robot and your router. Re-pair the robot with the app if necessary.
- **Mopping not effective:** Ensure the water tank is filled and the mop cloth is clean and properly attached. Check if the water distribution ports are clogged.
- **Robot cannot find charging dock:** Ensure the dock is in an open area and not blocked. Clean the charging contacts on both the robot and the dock.

7. Specifications

Feature	Detail
Brand	roborock
Model Number	S5
Product Dimensions	13.8"L x 13.7"W x 3.8"H
Item Weight	7 pounds
Color	Brown
Suction Power	2000Pa
Battery Life	3 Hours (180 minutes runtime)
Dustbin Capacity	480 Milliliters
Navigation Type	LiDAR
Control Method	App, Voice (Alexa)
Filter Type	Cartridge
Power Source	Battery Powered
Voltage	3.7 Volts

8. Warranty and Support

Warranty: The roborock S5 comes with a manufacturer's 1-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

Support: For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact roborock customer support through their official website or the contact information provided with your product packaging.

You can also refer to the comprehensive User Manual (PDF) for additional details and instructions.