

roborock S8

Roborock S8 Robot Vacuum and Mop Cleaner User Manual

Model: S8 | Brand: Roborock

1. INTRODUCTION

The Roborock S8 is an advanced robot vacuum and mop cleaner designed to provide efficient and thorough cleaning for your home. Featuring a powerful 6000Pa suction, ReactiveAI 2.0 Obstacle Avoidance, DuoRoller Brush, and Sonic Mopping with Auto Lifting Mop, the S8 is engineered to handle various floor types and pet hair with ease. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Roborock S8 to ensure optimal performance and longevity.



Figure 1.1: Roborock S8 Robot Vacuum and Mop Cleaner.

2. SAFETY INFORMATION

Before using your Roborock S8, please read all safety instructions carefully to prevent injury or damage. A detailed Safety Information document is available in PDF format for your reference. It is crucial to follow all guidelines regarding electrical safety, battery handling, and proper usage environment.

For comprehensive safety guidelines, please refer to the official [Safety Information \(PDF\)](#) document.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- S8 Robot Vacuum (1)
- VibraWash Water Tank (1)
- VibraWash Mop Cloth (1)
- VibraWash Mop Cloth Mount (1)
- Charging Dock (1)
- Power Cable (1)
- User Manual (1)

4. PRODUCT OVERVIEW

The Roborock S8 integrates several advanced technologies for superior cleaning performance:

4.1 ReactiveAI 2.0 Obstacle Avoidance

Utilizing 3D structured light and infrared image technology, the S8 intelligently identifies and bypasses unknown objects on the floor, regardless of lighting conditions. This system helps prevent the robot from getting stuck or damaging household items.

Reactive 3D Obstacle Avoidance

Gracefully glides through brightly lit and dark rooms, identifying and expertly sidestepping potential hazards with ease.



Figure 4.1: Reactive 3D Obstacle Avoidance in action.

4.2 DuoRoller Brush System

The dual rubber brush system is designed to enhance vacuuming efficiency and significantly reduce hair tangles. This ensures smooth and pristine floors across various surfaces, including hardwood, tiles, carpets, and rugs.

DuoRoller Brush

The ultimate vacuuming wingman that enhances vacuuming and ensures fewer hair tangles, leaving floors smooth and pristine.

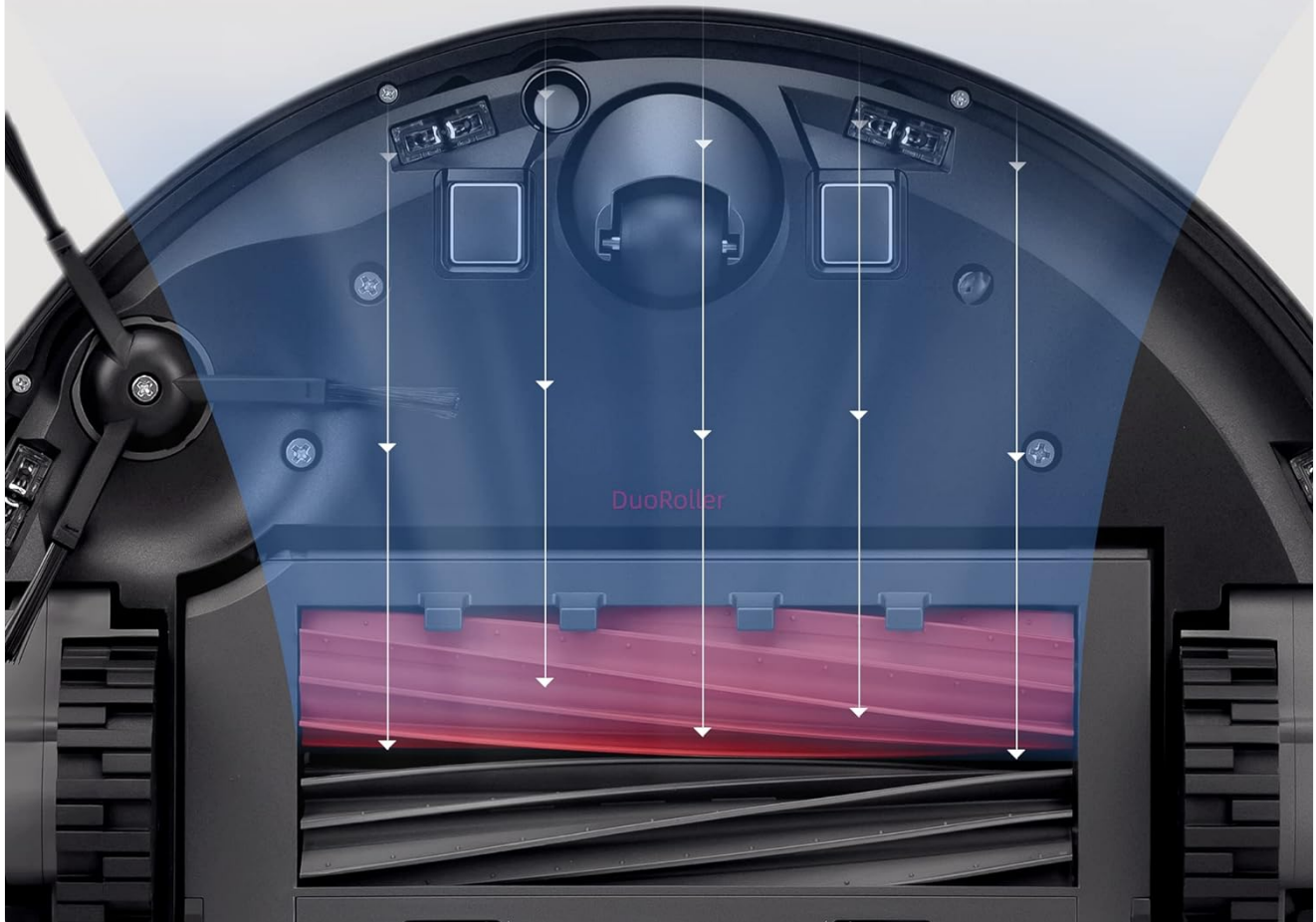


Figure 4.2: The innovative DuoRoller Brush.

4.3 Powerful 6000Pa Suction

Experience deep cleaning with 6000Pa HyperForce suction power, effectively removing dust, debris, and pet hair from all floor types. The Carpet Boost+ feature provides additional power for thorough carpet cleaning.

Hair? Dirt? Dust? Nowhere to Hide.

Clean deeper with the improved HyperForce suction power of 6000 Pa* and Carpet Boost+ for a spotless and flawless floor.



* Based on internal testing carried out by the manufacturer according to IEC 62885-2:2016 / 5.8 standards, using Max+ mode with a full battery. Actual results may vary according to the home environment.

Figure 4.3: High-power suction for comprehensive cleaning.

4.4 Upgraded VibraRise 2.0 Mopping System

The VibraRise 2.0 system features a dual vibration module, offering a wider mopping zone, up to 3000 times/min high-speed scrubbing, and over 6N consistent mopping pressure. This technology effectively removes various stains, from soda spills to dried-on messes.

Mop with the Power of Sound

Revolutionize your floor cleaning with vibration mopping and consistent downward pressure, unleashing a dazzling shine on your floors.

3000 times/min
High-speed Scrubbing¹

> 6N
Mop Pressure²



¹Based on internal testing carried out by the manufacturer. The term relates to the integrated mop module being able to be driven to produce high-speed reciprocating vibration of up to 3000 times/min, i.e. up to a frequency of 50Hz which is within a "sonic" range (20 to 20,000Hz).

Figure 4.4: Sonic Mopping Technology for effective stain removal.

4.5 Auto Lifting Mop

The S8's mop module automatically lifts up to 5mm when a carpet is detected, when returning to the charging dock, or when docked. This prevents wetting carpets during mopping and ensures clean transitions between different floor types.

Vacuum Carpets and Mop Floors in One Run



Mop raised when recognizing carpet



Mop raised when returning to the dock



Mop raised when docked

Figure 4.5: Automatic mop lifting for versatile cleaning.

4.6 PreciSense LiDAR Navigation

Equipped with PreciSense LiDAR Navigation, the robot vacuum efficiently maneuvers your home, creating detailed maps for accurate and customized cleaning. Quick Mapping allows for rapid initial setup and efficient cleaning routines.

PreciSense LiDAR Navigation

Discover the genius of PreciSense LiDAR Navigation, your robot vacuum's secret weapon to easily maneuver your home during cleanups.

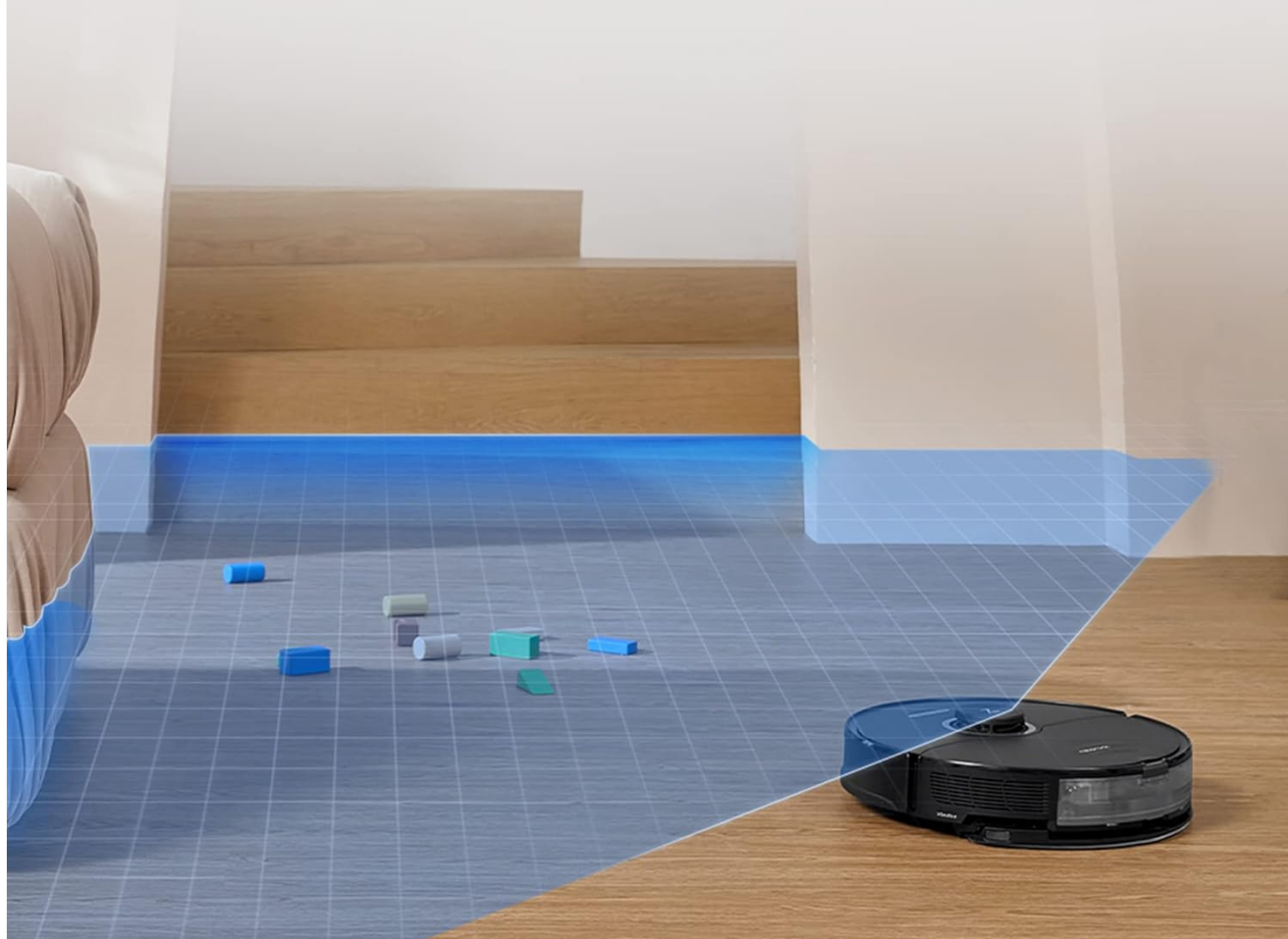


Figure 4.6: Precise mapping with LiDAR Navigation.

5. SETUP

5.1 Charging Dock Placement

Place the charging dock on a hard, flat surface near a wall. Ensure there is at least 1 meter (3.3 feet) of clearance in front and above the dock for optimal robot maneuverability. Center placement within a room is recommended for the best coverage.

5.2 Initial Charging

Connect the power cable to the charging dock and plug it into a power outlet. Place the robot onto the charging dock to begin initial charging. Ensure the robot is fully charged before its first use.

5.3 App Connection (2.4G WiFi Required)

The Rorobrock S8 robot vacuum only supports 2.4G WiFi networks. To ensure a successful network connection, it is recommended to switch your router to 2.4G WiFi during the setup process, if it supports both 2.4G and 5G bands.

Download the Roborock app from your smartphone's app store and follow the in-app instructions to connect your robot.

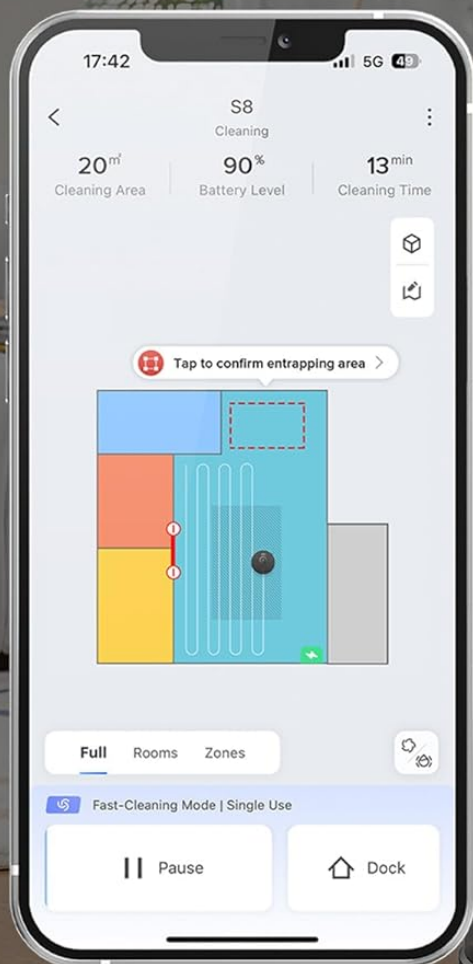
6. OPERATING INSTRUCTIONS

6.1 Comprehensive App Control

The Roborock app provides full control over your S8, allowing for advanced customization and monitoring of cleaning tasks. Features include:

- **3D Mapping:** Create accurate 3D maps of your home, allowing you to virtually add furniture and define specific cleaning areas.
- **Quick Mapping:** Rapidly map your home for immediate cleaning setup.
- **Smart No-Go Zones:** Define areas the robot should avoid, such as pet feeding zones or delicate areas.
- **Custom Routine:** Set personalized cleaning schedules and routines for specific rooms or areas.
- **Schedule Cleaning:** Program the robot to clean at specific times and days.
- **Multi-Level Mapping:** Automatically recognize and map up to four different floor levels in your home.

Total App Control



3D Mapping



Quick Mapping



Smart No-Go Zones



Custom Routine



Schedule Cleaning



Multi-Level Mapping

***Note: Only support 2.4G WiFi.**

Figure 6.1: Roborock App for comprehensive control.

6.2 Voice Control

The Roborock S8 is compatible with popular voice assistants such as Amazon Alexa and Google Home, allowing for hands-free control of your cleaning tasks. Simply use voice commands to start, stop, or send the robot back to its dock.

6.3 Cleaning Modes

The robot offers various cleaning modes to suit your needs, including Quiet, Balanced, Turbo, and Max suction settings, as well as adjustable water flow for mopping (Mild, Moderate, Intense).

6.4 Off-Peak Charging

Schedule charging for off-peak times to save on energy costs and contribute to a greener environment. This feature can be configured through the Roborock app.

7. MAINTENANCE

Regular maintenance is crucial for the optimal performance and longevity of your Roborock S8. Always turn off the robot and disconnect it from the charging dock before performing any maintenance.

7.1 Dustbin and Filter Cleaning

Empty the dustbin after each cleaning cycle. Clean the filter regularly by tapping out debris or rinsing it with water (allow to air dry completely before reinserting).

7.2 Main Brush and Side Brush Cleaning

Remove and clean the main DuoRoller brushes regularly to remove tangled hair and debris. Use the cleaning tool provided. Clean the side brush to ensure it rotates freely.

7.3 Mop Cloth and Water Tank Maintenance

Remove and wash the mop cloth after each mopping session. Empty and rinse the VibraWash water tank regularly to prevent mold or odor buildup. Use only water or Roborock-approved cleaning solutions in the water tank.

7.4 Sensor Cleaning

Wipe all sensors (cliff sensors, wall sensors, LiDAR sensor window) with a soft, dry cloth to ensure accurate navigation and obstacle detection.

8. TROUBLESHOOTING

If you encounter issues with your Roborock S8, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot cannot connect to Wi-Fi	Incorrect Wi-Fi band (5GHz) or weak signal.	Ensure your router is set to 2.4G WiFi during setup. Move the robot closer to the router. Restart the robot and router.
Robot gets stuck frequently or misses areas	Obstacles on the floor, dirty sensors, or mapping issues.	Clear small objects from the floor. Clean all sensors. Redo the map if necessary. Ensure sufficient lighting for obstacle avoidance.
Poor vacuuming performance	Full dustbin, clogged filter, tangled brushes.	Empty dustbin. Clean or replace filter. Clean main and side brushes.
Poor mopping performance	Dry mop cloth, empty water tank, clogged water nozzle.	Wet the mop cloth before use. Refill water tank. Clean water nozzle. Ensure mop cloth is properly attached.
Robot makes unusual noises	Debris in brushes, wheels, or fan.	Inspect and clean main brush, side brush, and wheels. Check for foreign objects in the suction path.

If the problem persists, consult the full user manual (PDF) or contact Roborock customer support.

9. SPECIFICATIONS

Key technical specifications for the Roborock S8:

Brand	roborock
Model Name	S8
Color	Gray
Product Dimensions	13.9"L x 13.8"W x 3.8"H
Item Weight	14.77 pounds
Suction Power	6000Pa
Battery Life	180 minutes
Voltage	220 Volts
Power Source	Battery Powered
Compatible Devices	Amazon Echo, Google Home, Smartphones
Filter Type	Cartridge
UPC	195043001821


10. WARRANTY AND SUPPORT

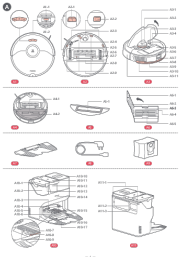


For information regarding the product warranty, please refer to the warranty card included in your product packaging or visit the official Roborock website. Roborock offers various protection plans for extended coverage, which may be available for purchase separately.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please visit the official Roborock support page or contact their customer service directly. Keep your purchase receipt and product serial number handy when seeking support.

Official Roborock Store: [Roborock Amazon Store](#)

Related Documents

	<p>Roborock S8 Pro Ultra Robotic Vacuum Cleaner User Manual</p> <p>Comprehensive user manual for the Roborock S8 Pro Ultra robotic vacuum cleaner, detailing safety precautions, installation, operation, app connectivity, maintenance, troubleshooting, and technical specifications.</p>
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	<p>Roborock S7 Max Ultra Robot Vacuum and Mop Combo: Components and Assembly Guide</p> <p>A comprehensive guide detailing the components and assembly steps for the Roborock S7 Max Ultra robot vacuum and mop combo, featuring its docking station and accessories.</p>
	<p>Roborock S8 MaxV Ultra: Advanced Robot Vacuum Cleaner</p> <p>Discover the Roborock S8 MaxV Ultra, a revolutionary robot vacuum cleaner with advanced features like FlexiArm Design, VibraRise 3.0, Reactive AI 2.0 obstacle recognition, and the RockDock Ultra station for unparalleled cleaning performance and convenience.</p>
	<p>Roborock S8 Pro Ultra Robotic Vacuum Cleaner User Manual</p> <p>Comprehensive user manual for the Roborock S8 Pro Ultra robotic vacuum cleaner, detailing safety precautions, product overview, installation, operation, maintenance, troubleshooting, and technical specifications.</p>