ROPVACNIC S1

ROPVACNIC Robot Vacuum Cleaner S1 User Manual

Model: S1

INTRODUCTION

Thank you for choosing the ROPVACNIC Robot Vacuum Cleaner S1. This advanced 2-in-1 robot vacuum and mop combo is designed to provide efficient and comprehensive cleaning for your home. Featuring powerful 4000Pa suction, intelligent navigation, and personalized cleaning adjustments, the S1 ensures a spotless environment with minimal effort. This manual provides essential information for setup, operation, maintenance, and troubleshooting to help you get the most out of your device.

WHAT'S IN THE BOX

Image: All components included in the ROPVACNIC S1 package, neatly laid out.

- Robotic Vacuum and Mop Cleaner (S1 Unit)
- Mop Pad Holder
- Charging base
- Power adapter
- Electrically Controlled Water Tank
- Mopping Cloth
- Spare HEPA filter
- 4 Side brushes
- Cleaning brush
- User manual
- APP instruction

PRODUCT OVERVIEW

Image: The ROPVACNIC S1 robot vacuum, its charging dock, and a smartphone displaying the companion app.

The ROPVACNIC S1 is designed for optimal cleaning performance. Key features include:

- **2-in-1 Mopping and Vacuuming:** Integrated electronically controlled mopping technology for enhanced cleaning.
- **4000Pa Powerful Suction:** A 3-point cleaning system ensures thorough removal of dirt, dust, and crumbs.
- **Intelligent Automation:** Advanced high-coverage sensing system for autonomous cleaning, obstacle avoidance, and self-recharge.
- **Personalized Cleaning Adjustments:** Four-stage water adjustment for mopping and multiple cleaning modes via app control.
- **Engineered for Pet Owners:** No-entanglement design and dual rotating electric side brushes efficiently collect pet hair.
- **Voice Control Compatibility:** Works with Amazon Alexa and Google Assistant for hands-free operation.
- **Slim Design:** At 2.99 inches high, it can clean under furniture and in hard-to-reach areas.

SETUP

1. Charging Base Placement

Place the charging base against a wall in an open, uncluttered area. Ensure there is at least 0.5 meters (1.6 feet) of clear space on both sides of the base and 1.5 meters (4.9 feet) in front of it. Connect the power adapter to the charging base and plug it into a wall outlet. Ensure the power indicator on the charging base lights up.

Image: The robot vacuum automatically returning to its charging base.

2. Initial Charging

Place the robot onto the charging base, ensuring the charging contacts align. The robot will begin charging automatically. For first-time use, fully charge the robot before operation. A full charge typically takes 4-5 hours.

Image: An illustration showing the robot vacuum's 4400 mAh battery capacity and 2683 sqft cleaning area.

3. App Installation and Connection

For full control and advanced features, download the "ROPVACNIC Smart" app.

1. Refer to the APP Instruction in the package first.
2. Download the "ROPVACNIC Smart" app from your app market or scan the QR code provided in the APP instruction manual. You can also visit https://a.smart321.com/ropvacnicsmart to download.
3. Press and hold the power button on the robot for 5 seconds to turn it on.
4. Long press the "power" and "home" buttons for 5 seconds until the green light flashes to enter pairing mode.
5. Connect your smartphone to a 2.4GHz Wi-Fi network.
6. Open the "ROPVACNIC Smart" app, follow the on-screen instructions to add your S1 robot vacuum to the app.
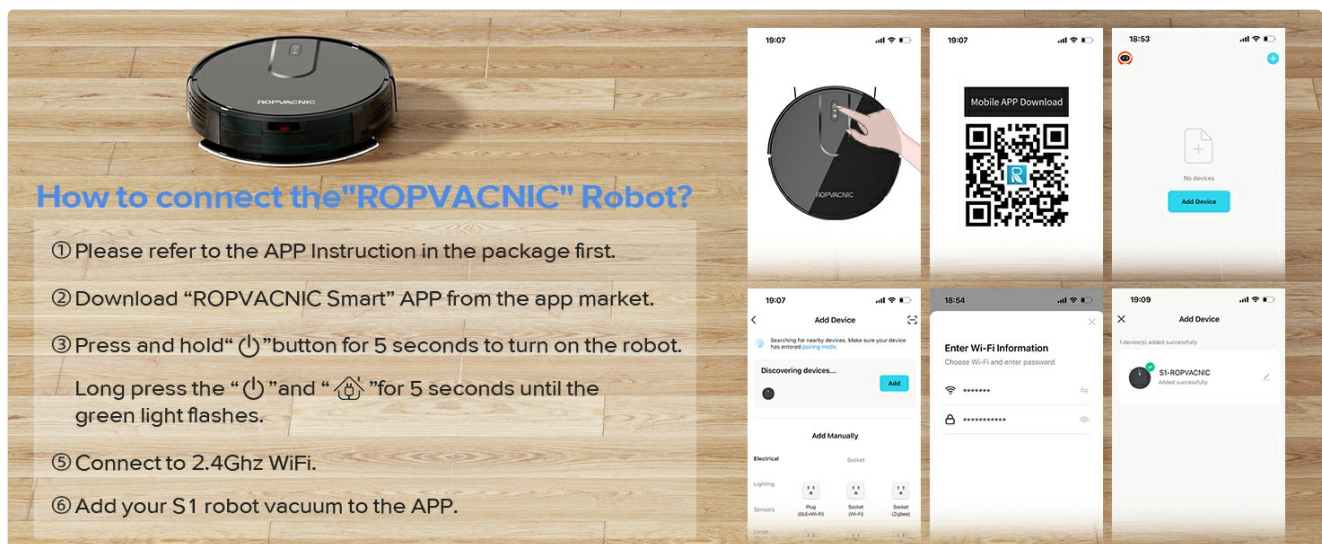
Image: A step-by-step visual guide showing how to connect the ROPVACNIC robot to the mobile app, including screenshots of the app interface.

Image: The robot vacuum, a smartphone, and a remote control, highlighting the upgraded Bluetooth Quick Connect technology for stable connections.

4. Voice Control Setup

The ROPVACNIC S1 is compatible with Amazon Alexa and Google Assistant. Once connected to the app, follow the instructions within your Alexa or Google Home app to enable the ROPVACNIC skill/action and link your account. You can then use voice commands like "Alexa, turn on vacuum cleaner" to start cleaning.
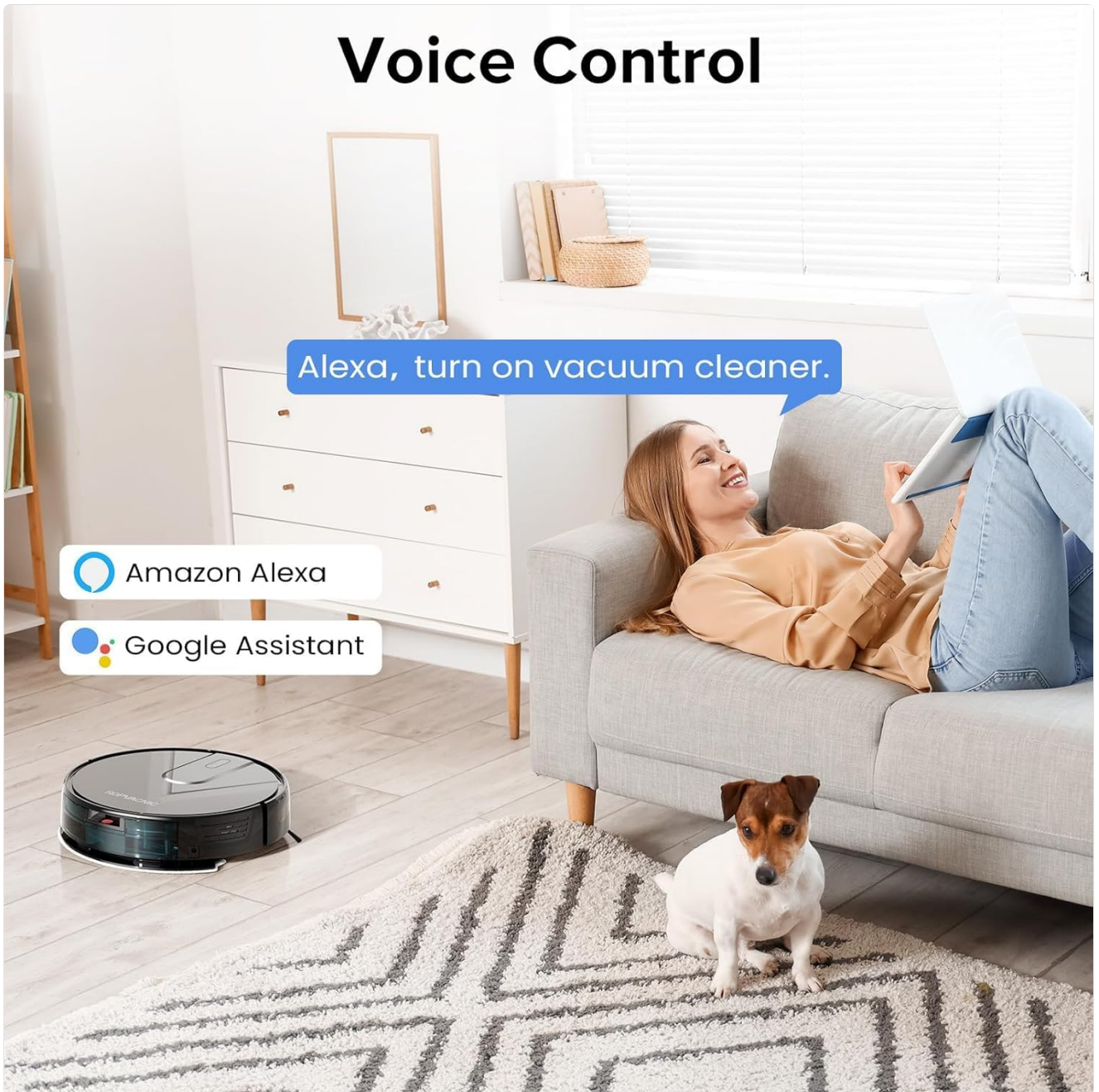
Image: A woman relaxing on a couch, using voice commands to control the robot vacuum, with Amazon Alexa and Google Assistant logos visible.
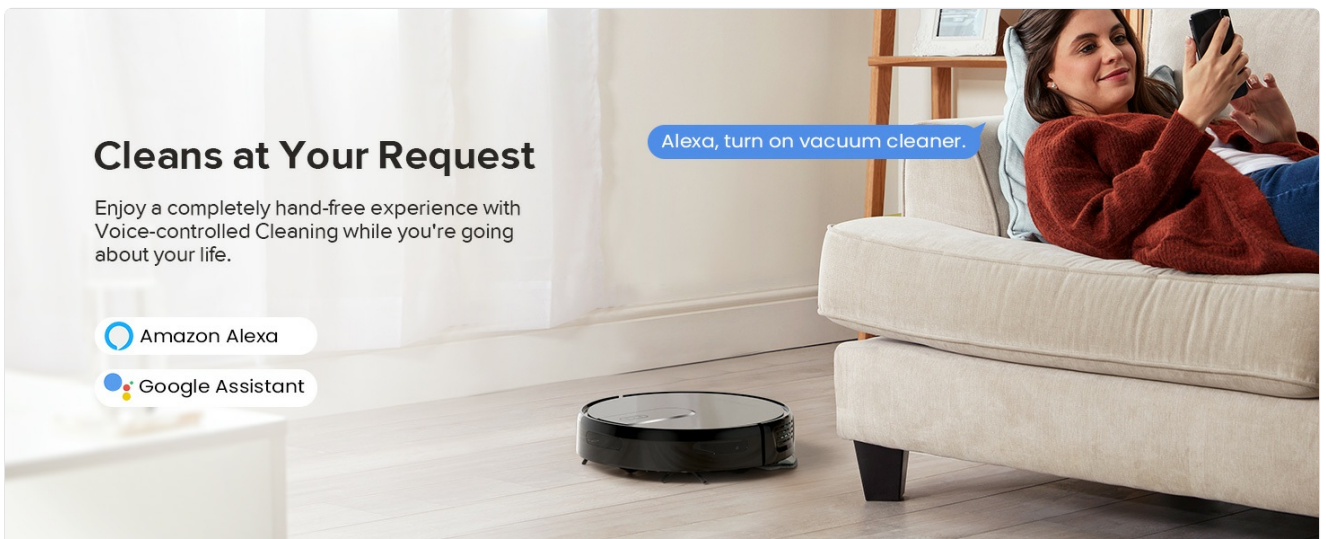

Image: A woman on a sofa with her phone, while the robot vacuum cleans, demonstrating voice-controlled cleaning with Alexa and Google Assistant.

OPERATING INSTRUCTIONS

Cleaning Modes

The ROPVACNIC S1 offers multiple cleaning modes to suit different needs. These can be selected via the mobile app or the included remote control.
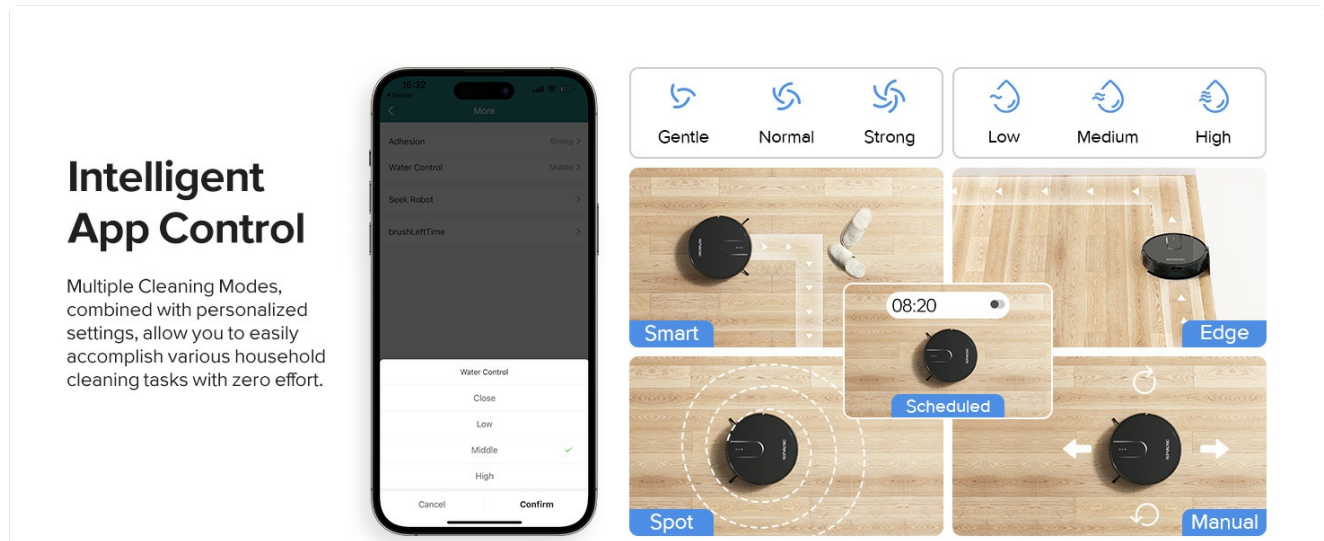

Image: Screenshots of the mobile app interface demonstrating various cleaning modes (Smart, Edge, Scheduled, Spot, Manual) and water flow adjustment options (Low, Medium, High).

- **Smart Cleaning:** The robot intelligently navigates and cleans the entire area.
- **Spot Cleaning:** Focuses on a specific dirty area, cleaning in a spiral pattern.
- **Edge Cleaning:** Cleans along walls and furniture edges.
- **Scheduled Cleaning:** Set specific times for the robot to automatically start cleaning.
- **Manual Control:** Use the app or remote control to manually steer the robot.

Suction Level Adjustment

Adjust the suction power based on your cleaning needs and floor type (e.g., higher suction for carpets, lower for hard floors). This can be done through the mobile app.

4000Pa Super Suction Power

4000PA

Dust   Hair   Snacks   Particle

Image: The robot vacuum cleaning a floor, with an illustration of 4000Pa suction power pulling in dust, hair, snacks, and particles.

4000Pa Powerful Suction
Efficient All-around Cleaning Ability

Next-level cleaning with hyperForce suction eliminates dust, debris, and pet hair from different types of floors.

Image: The ROPVACNIC S1 robot vacuum demonstrating its 4000Pa powerful suction, effectively cleaning various debris from the floor.

Water Flow Adjustment (Mopping)

The S1 features an upgraded high-capacity water tank with a four-stage personalized water adjustment system. Adjust the water flow for mopping via the app to suit different floor types and stain levels.

Vacuum and Mop Simultaneously

Multi-stage
Water Flow Setting

2683 sqft
Mopping Areas

Electric Mopping
Adjustable Mopping Intensity

ROPVACNIC

*Actual results may vary, depedding on the room characteristics.

Image: The robot vacuum simultaneously performing vacuuming and mopping functions, with indicators for multi-stage water flow setting and mopping area.

Electric Mopping Technology

Multi-stage
Personalized Adjustment

250 ML
Built-in Water Tank

2683 sqft
Maximum Mopping Range*

ROPVACNIC

*Actual results may vary, depedding on the room characteristics.

Image: The robot vacuum mopping a floor, highlighting its electric mopping technology, 250ml built-in water tank, and maximum mopping range of 2683 sqft.

Efficient Composite Cleaning Module

A large, thickened flannel particle mopping pad combined with a double-point stabilizing bracket achieves a better floor cleaning effect.
The optimized composite filtration system offers higher dust filtration and a clean air experience.
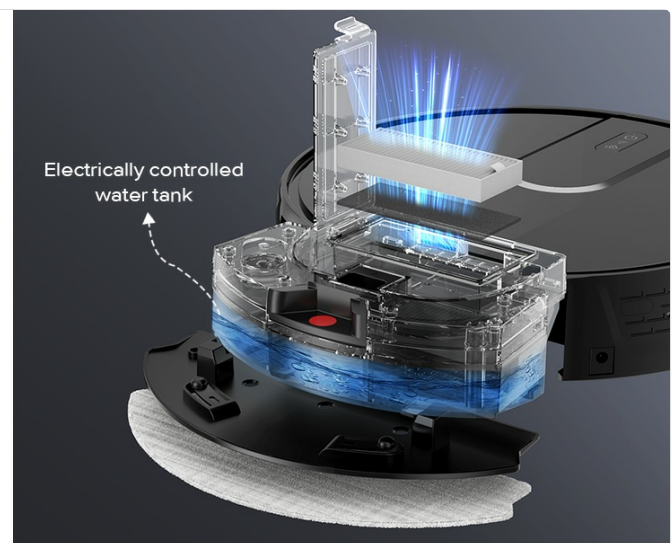
Electrically controlled water tank

Image: A detailed diagram showing the internal structure of the efficient composite cleaning module, including the electrically controlled water tank and mopping pad.

Starting and Stopping Cleaning

- **Start:** Press the power button on the robot, use the "Clean" button on the remote control, or initiate cleaning via the mobile app.
- **Pause/Stop:** Press the power button again, use the pause button on the remote, or stop via the app. The robot will return to its charging base automatically when cleaning is complete or battery is low.

Intelligent Navigation and Obstacle Avoidance

The S1 is equipped with an advanced high-coverage sensing system and multiple algorithmic data points. This enables it to navigate autonomously, detect obstacles, adjust direction, and switch modes as needed. Its slim design allows it to clean under furniture effectively.

Intelligent Automation

with Advanced Sensing Systerm

Image: The robot vacuum navigating a room, illustrating its intelligent automation and advanced sensing system for obstacle detection.

Intelligent Instant Sensing System

A full suite of advanced sensors enables the robot to navigate under and around furniture, along edges, and it automatically recharges itself. The collision-resistant elastic bumper changes direction and bypasses objects in real time, responding to adjustments and updating routes for hassle-free cleaning.

Image: A visual representation of the robot vacuum's intelligent instant sensing system, showing how it detects and navigates around furniture and obstacles.

Tightl and Sturdy Design for Hidden Stain Areas

A slimmer body that effectively cleans hidden dust where you can't.

2.99"

Image: The robot vacuum cleaning under a bed, demonstrating its slim 2.99-inch height for accessing hard-to-reach areas.

2.99"

Image: The robot vacuum cleaning under a piece of furniture, emphasizing its compact design for reaching hidden areas.

Remote Control Usage

An extra remote control is included for convenient operation without needing your smartphone. Refer to the APP instruction manual for detailed functions of each button on the remote.
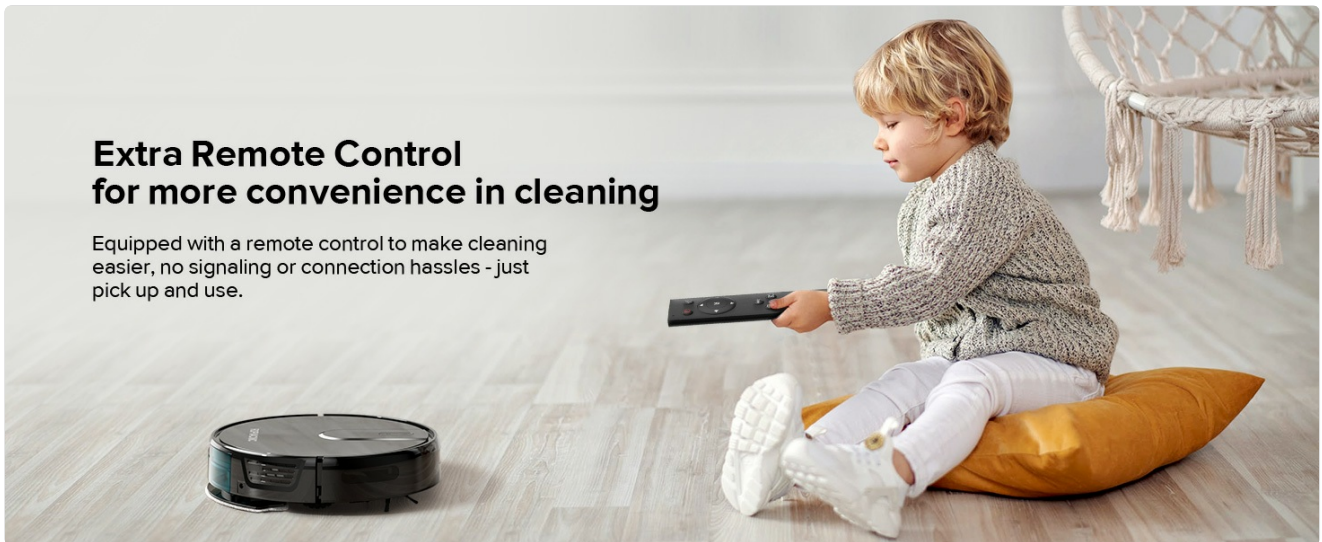
Image: A child sitting on the floor, using the remote control to operate the robot vacuum, illustrating the ease of use.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your ROPVACNIC S1. Always turn off the robot and disconnect it from the charging base before performing any maintenance.

1. Emptying the Dust Bin

Empty the dust bin after each cleaning cycle or when the "dust bin full" indicator appears. Open the top cover of the robot, remove the dust bin, open its lid, and discard the collected debris. Rinse the dust bin with water if necessary, and ensure it is completely dry before reinserting.

2. Cleaning/Replacing the Filter

The S1 uses a multi-layer optimized high-efficiency filtration system. Tap off excess dirt from the HEPA filter after every 1-2 uses. Replace the HEPA filter every 3-6 months, or more frequently depending on usage and pet hair presence. Do not wash the HEPA filter with water.

3. Cleaning/Replacing Side Brushes

Inspect the side brushes regularly for tangled hair or debris. Use the included cleaning brush to remove any tangles. If brushes are worn or damaged, replace them with new ones (4 spare side brushes are included).
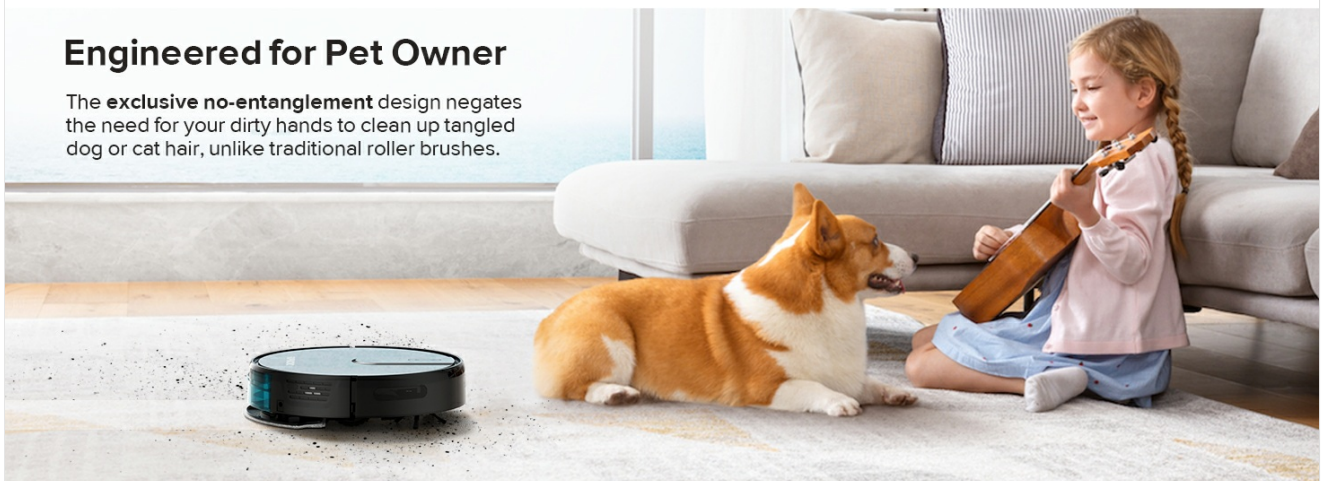

Image: The robot vacuum cleaning pet hair from a carpet, emphasizing its no-entanglement design specifically for pet owners.

4. Cleaning the Mopping Cloth and Water Tank

After mopping, remove the mopping cloth from the holder and wash it thoroughly. Allow it to air dry completely before reattaching. Empty any remaining water from the electrically controlled water tank and rinse it. Ensure the tank is dry before storage or next use.

5. Cleaning Sensors and Charging Contacts

Wipe the cliff sensors, wall sensors, and charging contacts on both the robot and the charging base with a clean, dry cloth. This ensures proper navigation and charging.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not turn on.	Low battery; Power switch off.	Charge the robot; Ensure power switch is ON.
Robot cannot charge.	Charging contacts dirty; Charging base not powered.	Clean charging contacts; Ensure charging base is plugged in and powered.
Robot gets stuck frequently.	Too many obstacles; Sensors dirty.	Clear obstacles from cleaning path; Clean all sensors.
Poor cleaning performance.	Dust bin full; Filter clogged; Brushes tangled/worn.	Empty dust bin; Clean/replace filter; Clean/replace side brushes.
Cannot connect to Wi-Fi/App.	Incorrect Wi-Fi password; Not 2.4GHz network; Robot not in pairing mode.	Verify password; Connect to 2.4GHz Wi-Fi; Re-enter pairing mode (long press power and home buttons).

SPECIFICATIONS

Feature	Detail
Brand	ROPVACNIC
Model Name	S1
Special Features	Adjustable Electric Mopping, Intelligent Auto Docking, Advanced Obstacle Avoidance, 4000Pa Powerful Suction Power, Personalized Intensity Settings, Multiple Cleaning Modes, Specially Designed for Pet Hair, App & Remote & Voice Control
Color	Light Black
Product Dimensions	12"L x 12"W x 2.99"H
Filter Type	Multi-layer Optimized High-Efficiency Filtration
Battery Life	120 minutes
Power Source	Battery Powered
Compatible Devices	Amazon Echo, Google Home, Remote Control, Smartphones

Feature	Detail
UPC	762765895337
Item Weight	7.26 pounds
Batteries	1 12V battery (included)

SAFETY INFORMATION

Please read all safety instructions carefully before using the ROPVACNIC S1 to prevent injury or damage.

- Do not use the robot in wet environments or near water.
- Keep loose cables, curtains, and other objects that could entangle the robot out of its path.
- Do not allow children or pets to operate the robot without supervision.
- Ensure the charging base is placed on a flat, stable surface.
- Do not use the robot to pick up large debris, liquids, or burning objects.
- Only use the original power adapter and charging base provided with the device.
- If the robot is not functioning correctly, refer to the troubleshooting section or contact customer support. Do not attempt to repair it yourself.

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included in your product packaging or contact ROPVACNIC customer support. For technical assistance, troubleshooting, or spare parts, please visit the official ROPVACNIC website or contact their customer service team. Keep your purchase receipt as proof of purchase for warranty claims.

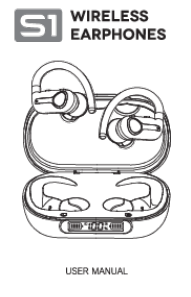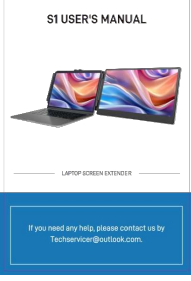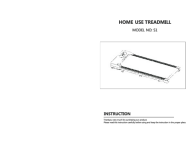Protection plans are available for extended coverage:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly plan)

These plans offer additional peace of mind beyond the standard manufacturer's warranty.

Related Documents

[Ropvacnic S1 Robot Vacuum Cleaner User Manual](#)
Discover the Ropvacnic S1 Robot Vacuum Cleaner, featuring intelligent automation, voice control via Amazon Alexa and Google Assistant, simultaneous vacuuming and mopping, 4000Pa super suction power, and a slim design for cleaning hidden areas. This manual provides an overview of its advanced cleaning capabilities.

WIRELESS EARPHONES [S1 icon and earphones illustration] USER MANUAL	[S1 Wireless Earphones User Manual - Features, Specifications, and Operation Guide](#) Comprehensive user manual for S1 Wireless Earphones, detailing product features, specifications, pairing, charging, music/call controls, troubleshooting, and safety guidelines. Get the most out of your S1 earbuds.
S1 USER'S MANUAL [Laptop screen extender illustration] LAPTOP SCREEN EXTENDER If you need any help, please contact us by Techservicer@outlook.com.	[S1 Laptop Screen Extender User Manual](#) Comprehensive user manual for the S1 Laptop Screen Extender, detailing product introduction, installation, connection modes, audio and display settings for Windows and macOS, and essential safety information.
HOME USE TREADMILL MODEL NO.S1 [Treadmill illustration] INSTRUCTION	[S1 Home Use Treadmill User Manual and Exercise Guide](#) Comprehensive instructions for the S1 Home Use Treadmill, including assembly, operation, maintenance, safety precautions, and exercise advice. Learn how to use the display, remote control, and troubleshoot common errors.