Shark RV850

Shark ION Robot Vacuum R85 (RV850) Instruction Manual

Your guide to setting up, operating, and maintaining your Shark ION Robot Vacuum.

Introduction

Welcome to the Shark ION Robot Vacuum R85 (RV850) instruction manual. This document provides essential information for the safe and efficient operation of your robotic vacuum cleaner. Please read all instructions carefully before using the appliance.

Important Safety Instructions

When using an electrical appliance, basic precautions should always be observed, including the following:

- Read all instructions before use.
- Do not use outdoors or on wet surfaces.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance with wet hands.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce airflow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without dust bin and/or filters in place.
- Prevent unintentional starting. Ensure the switch is in the OFF-position before connecting to battery pack, picking up or carrying the appliance.

- Use only with the specified battery pack.
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Do not use an appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Do not expose an appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C (265°F) may cause explosion.
- Follow all charging instructions and do not charge the appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.

What is Included

- 1 Shark ION Robot Vacuum (RV850)
- 2 Side Brushes
- 1 Filter
- 1 Lithium-Ion Battery
- 1 Charging Dock
- 1 8-foot BotBoundary Strip

Setup Guide

1. Prepare Your Home

Before the first use, prepare your home for optimal cleaning performance. Remove any obstacles, loose cables, or small items that could entangle the robot.

Image: The Shark ION Robot Vacuum navigating around furniture in a living space.

2. Install Side Brushes

Snap the two side brushes onto the square pegs on the bottom of the robot. Ensure they are securely attached.

3. Place the Charging Dock

Place the charging dock on a level surface against a wall in an open area. Ensure there are no obstacles within 3 feet on either side of the dock and 5 feet in front of it. Plug the power adapter into the dock and then into a wall outlet.

4. Charge the Robot

Place the robot onto the charging dock. The blue charging indicator lights will illuminate. Allow the robot to fully charge for 6 hours before its first use. A full charge is indicated by solid blue lights.

5. Install the Shark Clean App (Optional)

For enhanced control and scheduling features, download the Shark Clean app from your smartphone's app store. Follow the in-app instructions to connect your robot to your home Wi-Fi network.

Image: A smartphone showing the Shark Clean app interface next to the robot vacuum, illustrating app connectivity.

6. Use BotBoundary Strips

Use the included BotBoundary strips to create "no-go" zones for your robot. Cut the strip to the desired length and place it on the floor to block off areas you don't want the robot to enter, such as pet bowls or delicate furniture.

Image: The robot vacuum near a black BotBoundary strip placed on a wooden floor, indicating a restricted area.

Operating Instructions

Starting a Clean

Press the Clean button on the robot or use the Shark Clean app to start a cleaning cycle. The robot will automatically navigate and clean your floors.

Image: The robot vacuum cleaning a carpet, demonstrating its ability to pick up debris.

Cleaning Modes

- **Normal Mode:** Standard cleaning for everyday dirt.
- **Max Mode:** Provides 3X more suction for deeper cleaning on carpets and heavily soiled areas. Activate via the app or by pressing the Max button on the robot.

Voice Control

The Shark ION Robot Vacuum R85 is compatible with Amazon Alexa and Google Assistant. Follow the instructions in the Shark Clean app to enable voice control and start cleaning with simple voice commands.

Returning to Dock

To send the robot back to its charging dock, press the Dock button on the robot or in the Shark Clean app. The robot will automatically return to its base to recharge.

Image: The robot vacuum successfully docked under a cabinet, indicating its charging position.

Maintenance

Regular maintenance ensures optimal performance of your Shark ION Robot Vacuum.

Emptying the Dust Bin

The XL dust bin should be emptied after each cleaning cycle or when full. Press the dust bin release button, slide out the bin, and empty its contents into a trash receptacle.

Your browser does not support the video tag.

Video: A demonstration of how to empty the dust bin of a robot vacuum.

Cleaning the Brushroll

The self-cleaning brushroll should be checked and cleaned regularly to remove any hair or debris. Use the cleaning tool provided to cut and remove tangled hair.

Cleaning Filters

The filter should be cleaned weekly. Tap off loose dirt from the filter. Do NOT wash the filter with water, as it is a non-washable filter.

Cleaning Side Brushes

Inspect side brushes for wear or damage. Remove any debris wrapped around them. Replace brushes if they are worn.

Troubleshooting

Robot Not Charging

- Ensure the charging dock is plugged in and the power indicator light is on.
- Check that the robot is properly aligned on the dock and the charging contacts are touching.
- Clean the charging contacts on both the robot and the dock with a dry cloth.

Robot Getting Stuck Frequently

- Clear the cleaning area of loose cables, small rugs, or other obstacles.
- Use BotBoundary strips to block off problematic areas.
- Clean the drive wheels and front caster wheel to ensure they are free of debris.

Poor Cleaning Performance

- Empty the dust bin.
- Clean the brushroll and side brushes.
- Clean or replace the filter.
- Ensure the robot's sensors are clean and free of dust.

App Connectivity Issues

- Ensure your Wi-Fi network is 2.4 GHz.
- Restart your router and the robot.
- Verify that the robot is within range of your Wi-Fi signal.
- Re-attempt the connection process in the Shark Clean app.

Specifications

Feature	Detail
Brand	Shark
Model Name	SHARK ION Robot Vacuum R85 (WiFi) (RV850)
Special Feature	Self-Cleaning Brushroll
Color	Black
Filter Type	Cartridge (Non-washable)
Voltage	100-120 Volts
Dust Bin Capacity	0.7 Quarts
Power Source	Battery Powered (Lithium-Ion)

Control Method	Voice, App
Compatible Devices	Amazon Echo, Google Home
Product Dimensions	12.8 x 12.53 x 3.44 inches
Item Weight	5.51 pounds
Manufacturer	SharkNinja
Surface Recommendation	Carpet, Floor

Warranty and Support

This Shark ION Robot Vacuum R85 (RV850) comes with a**1-year warranty** from the date of purchase. For warranty claims or technical support, please contact SharkNinja customer service.
For further assistance, visit the official Shark website or refer to the contact information provided in your product packaging.

© 2026 SharkNinja Operating LLC. All rights reserved.