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Shark RV720

Shark ION Robot Dual-Action Robot Vacuum Cleaner (RV720) Instruction Manual

Model: RV720 | Brand: Shark

INTRODUCTION

The Shark ION Robot (RV720) is designed to provide automatic cleaning for your home. It effectively cleans dust, dirt, large debris, and pet hair across various surfaces including carpets, hard floors, edges, and corners. Equipped with Smart Sensor Navigation, a self-cleaning brush roll, and dual side brushes, this robot vacuum simplifies daily upkeep.



Figure 1: The Shark ION Robot RV720 main unit.

Key Features:

- **Smart Sensor Navigation:** Assesses surroundings, adapts to obstacles, and navigates seamlessly across different floor types.
- **Self-Cleaning Brush Roll:** Designed to remove hair, dust, and dander, preventing buildup.
- **Dual Side Brushes:** Efficiently collects debris from edges, corners, and under furniture.
- **Remote Control:** Allows for setting cleaning schedules and controlling the robot.
- **Long-Lasting Lithium-Ion Battery:** Provides extended runtime for comprehensive cleaning.
- **XL Dust Capacity:** Features a large dust bin for less frequent emptying.

SETUP

1. Unboxing and Initial Charge:

1. Carefully remove all components from the packaging.
2. Place the charging dock on a level surface against a wall in an open area. Ensure there are no obstacles within 3 feet (1 meter) on either side of the dock and 5 feet (1.5 meters) in front of it.
3. Plug the charging dock into a power outlet.
4. Place the Shark ION Robot onto the charging dock. Ensure the charging contacts on the robot align with those on the dock. The battery indicator lights will illuminate to show charging status. Allow the robot to fully charge before its first use (approximately 3 hours).

2. Installing Side Brushes:

- Flip the robot over.
- Snap the two side brushes onto the square pegs on the bottom of the robot until they click into place.

3. Setting Up BotBoundary Strips:

Use the included BotBoundary strips to create virtual barriers for areas you want the robot to avoid, such as pet bowls, delicate furniture, or specific rooms.

- Cut the strip to the desired length.
- Place the strip flat on the floor or under an area you want to block off.
- Ensure the strip is completely flat and not overlapping.



Figure 2: Shark ION Robot navigating around BotBoundary strips placed on the floor.

OPERATING INSTRUCTIONS

1. Starting a Clean Cycle:

- **Manual Start:** Press the "Clean" button on the top of the robot or on the remote control. The robot will begin cleaning and return to the dock when finished or when the battery is low.
- **Scheduled Cleaning:** Use the remote control to set a recurring cleaning schedule. Refer to the remote control section for detailed instructions.



Figure 3: Remote control for the Shark ION Robot, showing buttons for Dock, Spot, and Clean/Enter.

2. Using the Remote Control:

- **Clean:** Starts a cleaning cycle.
- **Dock:** Sends the robot back to its charging dock.
- **Spot:** Initiates a concentrated clean in a specific area.
- **Directional Arrows:** Manually steer the robot for targeted cleaning.
- **Schedule:** Program daily cleaning times.

3. Smart Sensor Navigation:

The robot uses smart sensors to navigate your home, avoiding obstacles and adapting to different floor types. It may bump into objects gently to map its environment.



Figure 4: The Shark ION Robot cleaning under a low-clearance cabinet, demonstrating its ability to reach tight spaces.

MAINTENANCE

Regular maintenance ensures optimal performance of your Shark ION Robot.

1. Emptying the Dust Bin:

- Press the dust bin release button and slide out the dust bin.
- Open the dust bin flap and empty debris into a trash can.
- Close the flap and slide the dust bin back into the robot until it clicks.
- *Frequency:* Empty after each use or as needed, especially with high pet hair accumulation.

2. Cleaning the Filter:

- Remove the dust bin.
- Pull the filter out from the dust bin.

- Tap the filter clean to remove loose dirt. Do not wash the filter with water.
- Reinsert the filter and dust bin.
- *Frequency:* Clean weekly. Replace every 2-3 months.

3. Cleaning the Brush Roll:

- Open the brush roll access door by pushing up on the tabs.
- Lift out the brush roll.
- Remove any hair or debris wrapped around the brush roll. Use the included cleaning tool if necessary.
- Reinsert the brush roll and close the access door.
- *Frequency:* Inspect weekly, clean as needed.

4. Cleaning Side Brushes:

- Gently pull the side brushes off their pegs.
- Remove any debris or hair.
- Reattach the brushes, ensuring they click into place.
- *Frequency:* Inspect monthly, replace if damaged.

5. Cleaning Sensors and Charging Pads:

- Wipe the sensors and charging pads on the robot and dock with a dry cloth.
- *Frequency:* Monthly.

TROUBLESHOOTING

Problem	Solution
Robot not turning on/charging	Ensure the charging dock is plugged in and powered. Check that the robot's charging contacts are aligned with the dock. Verify the power switch on the side of the robot is in the ON position.
Robot getting stuck frequently	Clear obstacles like loose cables, small rugs, or toys from the cleaning path. Use BotBoundary strips to block off problematic areas. Clean the drive wheels and front caster wheel for any trapped debris.
Poor cleaning performance	Empty the dust bin. Clean the filter. Remove any hair or debris from the brush roll and side brushes. Ensure the side brushes are properly installed.
Robot not returning to dock	Ensure the charging dock is in an open area with no obstructions. Wipe the charging contacts on both the robot and the dock. Confirm the dock is plugged in and receiving power.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	Shark
Model Name	Shark ION ROBOT 720 Robotic Vacuum with optional scheduled cleaning (RV720)
Model Number	RV720
Surface Recommendation	Floors, Hard Floors
Special Feature	Bagless
Color	Silver
Controller Type	Remote Control
Filter Type	Disk
Battery Life	60 minutes
Battery Type	Lithium Ion
Capacity	0.45 Quarts
Power Source	Battery Powered
Item Dimensions (L x W x H)	12.6"L x 12.6"W x 2.6"H
Item Weight	5.51 Pounds
Included Components	Docking Station, 9-foot BotBoundary Strip, 2 BotBoundary Connectors, Scheduling Remote Control, Cleaning Tool, 2 Extra Side Brushes, 1 Extra HEPA filter

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product at the time of purchase. For additional support, troubleshooting, or to purchase replacement parts, please visit the official Shark website or contact their customer service department.

You can also visit the [Shark Store on Amazon](#) for more products and information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question