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Shark RV2302AE

Shark IQ Robot Vacuum RV2302AE User Manual

Model: RV2302AE

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1. INTRODUCTION

The Shark IQ Robot Vacuum RV2302AE is designed for efficient and autonomous home cleaning. It features powerful suction, multi-surface cleaning capabilities, and advanced customization options through its companion app. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your robot vacuum to ensure optimal performance.

Key Features:

- **Powerful Suction:** Effectively captures dirt and debris on both carpets and hard floors.
- **360° LiDAR Vision & Object Detection:** Precisely maps your home, navigates methodically, and avoids obstacles day or night.
- **Multi-Surface Brushroll:** Designed to clean various floor types, including carpets and hard floors, by pulling in debris, hair, and dirt.
- **Bagless Self-Empty Base:** Automatically empties the robot's dustbin after each cleaning mission, holding up to 60 days of dirt and debris without requiring disposable bags.
- **Cleaning Customization:** Create precise home maps in the SharkClean app to select specific areas for cleaning, initiate Matrix Clean, and set cleaning schedules.
- **Matrix Clean:** Utilizes a precision grid pattern for thorough cleaning, ensuring no spots are missed.

- **Recharge + Resume:** The robot returns to its base to recharge and then resumes cleaning from where it left off.



Image: The Shark IQ Robot Vacuum RV2302AE, its self-empty base, and the companion app interface showing a mapped home layout.

2. SETUP GUIDE

2.1 Unboxing and Placement

1. Carefully remove the robot vacuum and its self-empty base from the packaging. Remove all protective film and packaging materials.
2. Choose a permanent location for the self-empty base. Place it against a wall in an area with good Wi-Fi signal, away from obstacles. Ensure there is at least 3 feet of clear space on either side of the base and 5 feet in front of it.
3. Plug the power cord of the self-empty base into a wall outlet.

2.2 Initial Charge

1. Place the robot onto the self-empty base, ensuring the charging contacts on the robot align with those on the base. The robot will emit a chime when charging begins.
2. Allow the robot to fully charge before its first use. This may take several hours. The battery indicator lights on the robot will show its charging status.

2.3 App Connection

1. Download the SharkClean app from your device's app store.
2. Follow the in-app instructions to connect your robot vacuum to your home Wi-Fi network and complete the setup process. This will enable advanced features like home mapping and scheduled cleaning.

3. OPERATING INSTRUCTIONS

3.1 First Run and Home Mapping

1. Before the first cleaning, clear any loose cables, small objects, or thick rugs that might obstruct the robot.
2. Initiate a mapping run through the SharkClean app. The robot will navigate your home to create a detailed map without cleaning. This process is crucial for enabling room selection and no-go zones.
3. Once the map is complete, review it in the app and make any necessary adjustments, such as naming rooms or setting virtual boundaries.

Total home mapping + room select

Maps your home and lets you select rooms to clean immediately.



Image: The robot vacuum actively mapping a room using its LiDAR technology, represented by blue light beams.

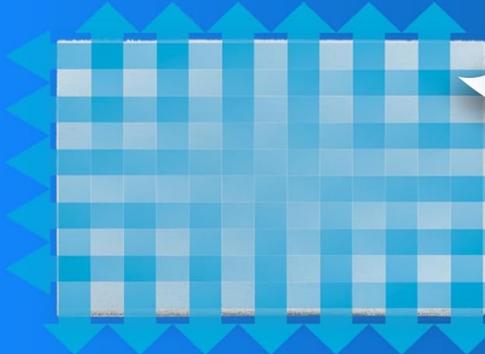
3.2 Cleaning Modes

- **Whole Home Clean:** Press the Clean button on the robot or in the app to initiate a full cleaning cycle of your mapped home.
- **Zone Cleaning:** Use the SharkClean app to select specific rooms or areas for the robot to clean.
- **Matrix Clean:** This mode, activated via the app, directs the robot to clean in a precision grid pattern, making multiple passes over an area for deep cleaning.

MATRIX CLEAN — NO SPOTS MISSED

MATRIX CLEAN

Cleans in a precision grid, leaving no spots missed.



VS

SINGLE-ROW ROBOTS

Move in a single row, leaving debris behind.



Image: A visual comparison illustrating how Matrix Clean ensures no spots are missed compared to traditional single-row cleaning patterns.

3.3 Scheduling

Set up recurring cleaning schedules through the SharkClean app. You can customize cleaning times and days for different areas of your home.

Complete control from anywhere

Start or schedule cleans in the SharkClean® app or use voice control with Amazon Alexa or Google Assistant.



Image: The SharkClean app interface, demonstrating control options including scheduling and initiating cleaning cycles.

4. MAINTENANCE

Regular maintenance is essential for your Shark IQ Robot Vacuum to perform optimally. Always turn off the robot and unplug the base before performing any maintenance.

4.1 Emptying the Self-Empty Base

The self-empty base is designed to hold up to 60 days of debris. When the dust bin is full, the app will notify you. Simply remove the dust bin from the base and dispose of the contents.

Empties automatically

Your robot automatically empties into a bagless base for up to 60 days.



Image: The robot vacuum automatically emptying its contents into the bagless self-empty base.

4.2 Cleaning the Brushroll

1. Open the brushroll access door on the bottom of the robot.
2. Lift out the brushroll. Remove any hair, string, or debris wrapped around it. Use the cleaning tool provided if necessary.
3. Reinsert the brushroll and close the access door securely.

4.3 Cleaning the Filters

1. Remove the dust bin from the robot.
2. Pull out the foam and felt filters from the dust bin. Tap off loose dirt.
3. Rinse the filters with water (do not use soap). Allow them to air dry completely for at least 24 hours before reinserting.
4. The main filter inside the dust bin should also be cleaned regularly by tapping it against a trash can.

4.4 Cleaning Sensors and Charging Pads

Wipe the cliff sensors, wheel sensors, and charging pads on both the robot and the base with a clean, dry cloth. This prevents dust buildup from affecting navigation and charging.

5. TROUBLESHOOTING

If your Shark IQ Robot Vacuum encounters an issue, refer to the following common solutions:

Problem	Possible Cause	Solution
Robot not charging	Charging contacts are dirty or misaligned.	Wipe charging contacts on both robot and base with a dry cloth. Ensure robot is properly docked.
Robot gets stuck frequently	Obstacles (cables, small items, thick rugs) in cleaning path.	Clear the area of obstructions. Use virtual no-go zones in the app for problem areas.
Poor cleaning performance	Brushroll or filters are dirty/clogged.	Clean the brushroll and filters as described in the Maintenance section. Ensure dust bin is not full.
Robot cannot find base	Base location is obstructed or Wi-Fi signal is weak.	Ensure base has clear space around it. Check Wi-Fi signal strength. Perform a mapping run again if the map is corrupted.
No-go zones not working	Mapping issue or software glitch.	Verify no-go zones are correctly set in the app. Try deleting and re-creating the map, then re-establishing no-go zones. Contact customer support if the issue persists.
App connectivity issues	Wi-Fi network problems or app requires update.	Ensure your Wi-Fi is active and the robot is within range. Restart your router. Check for SharkClean app updates.

6. SPECIFICATIONS

Feature	Detail
Brand	Shark
Model Name	IQ Robot Vacuum
Model Number	RV2302AE
Special Features	Auto-Docking, LiDAR Navigation, Pet Hair Pick Up, Smart Mapping, Washable Filter
Color	White
Product Dimensions	13.55"L x 13.54"W x 4.32"H

Feature	Detail
Included Components	Self-Empty Base, Shark Robot, Side Brush
Filter Type	Washable
Battery Life	110 minutes (approximate)
Voltage	14.4 Volts
Power Source	Corded Electric (for base)
Control Method	App, Voice (Amazon Alexa, Google Assistant)
Item Weight	13.23 pounds
UPC	622356636742

7. WARRANTY & SUPPORT

7.1 Warranty Information

Shark products typically come with a limited warranty. Please refer to the warranty card included in your product packaging or visit the official Shark website for detailed warranty terms and conditions specific to your RV2302AE model. Keep your purchase receipt as proof of purchase for warranty claims.

7.2 Customer Support

For further assistance, technical support, or to inquire about replacement parts, please contact Shark customer service. You can usually find contact information (phone number, email, or live chat) on the official Shark website or within the SharkClean app.

When contacting support, have your model number (RV2302AE) and serial number ready. The serial number is typically located on a sticker on the bottom of the robot or on the self-empty base.