

[Manuals.plus](#) /

› [Shark](#) /

› Shark Navigator Robot Vacuum RV2110CA Instruction Manual

Shark RV2110CA

Shark Navigator Robot Vacuum

MODEL: RV2110CA

Your Guide to Smart Cleaning

Introduction

The Shark Navigator Robot Vacuum RV2110CA is designed to provide an efficient and thorough cleaning experience for your home. Utilizing Smart Path Navigation, this robot maps your home and cleans in a precise row-by-row pattern, ensuring maximum coverage on both carpets and hard floors. It features object detection and avoidance, reducing the need for pre-cleaning. After each cleaning cycle, the robot automatically returns to its dock to recharge and resume cleaning where it left off, offering a hands-free operation.

Key features include:

- **SmartPath Navigation:** Cleans systematically row by row for comprehensive coverage.
- **Precision Home Mapping:** Uses spot LiDAR technology to accurately map your home's layout.
- **Object Detection & Avoidance:** Navigates around furniture and everyday items.
- **Powerful Suction:** Delivers strong cleaning performance on various floor types.
- **Anti-Hair Wrap Brushroll:** Self-cleaning brushroll effectively handles pet hair.
- **Recharge & Resume:** Automatically recharges and continues cleaning from where it stopped.
- **Wi-Fi Connectivity & Voice Control:** Compatible with the SharkClean app, Amazon Alexa, and Google Assistant.

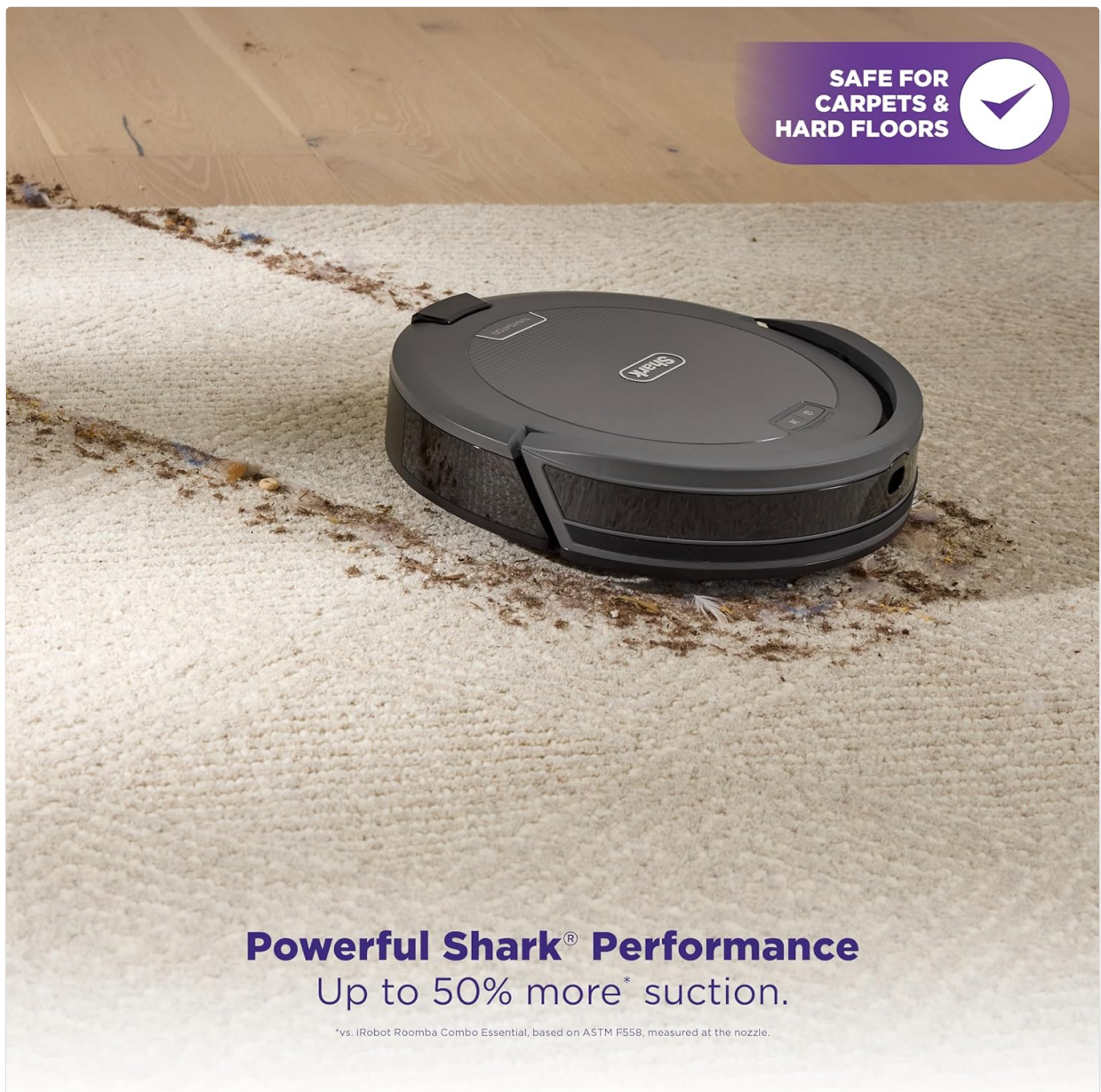


Image: The Shark Navigator Robot Vacuum demonstrating its powerful suction on a carpet, effectively cleaning up debris.
This image illustrates the robot's capability to clean various floor types.

What's in the Box

Upon unpacking your Shark Navigator Robot Vacuum, please ensure all components are present:

- Shark Navigator Robot Vacuum (RV2110CA)
- Charging Dock
- Power Cord
- Side Brush (one or more, depending on model configuration)
- Filter (pre-installed)
- Instruction Manual (this document)

If any components are missing or damaged, please contact Shark customer support.

Setup

1. **Prepare Your Home:** Before the first use, clear any obstacles, loose cables, or small items from the

floor that could entangle the robot.

2. **Place the Charging Dock:** Select a location for the charging dock against a wall in an open area, with at least 3 feet (0.9 meters) clear on either side and 5 feet (1.5 meters) clear in front. Ensure the dock is on a hard, level surface and not near stairs or heat sources. Plug the power cord into the dock and then into a wall outlet.
3. **Charge the Robot:** Place the robot onto the charging dock. Ensure the metal charging contacts on the robot align with those on the dock. The robot's indicator lights will illuminate to show it is charging. Allow the robot to fully charge before its first cleaning cycle (approximately 6 hours).
4. **Download the SharkClean App:** For full functionality, download the SharkClean app from your smartphone's app store. Follow the in-app instructions to connect your robot to your home Wi-Fi network. This enables remote control, scheduling, and mapping features.
5. **Initial Mapping Run:** Once charged and connected to the app, initiate a mapping run. The robot will explore your home to create a detailed map, which is essential for SmartPath Navigation and targeted cleaning. Ensure all doors are open to areas you want mapped.



Image: The robot vacuum automatically navigating back to its charging station, illustrating the 'Recharge & Resume' feature. This ensures continuous cleaning without manual intervention.

Operating Instructions

1. Starting a Cleaning Cycle:

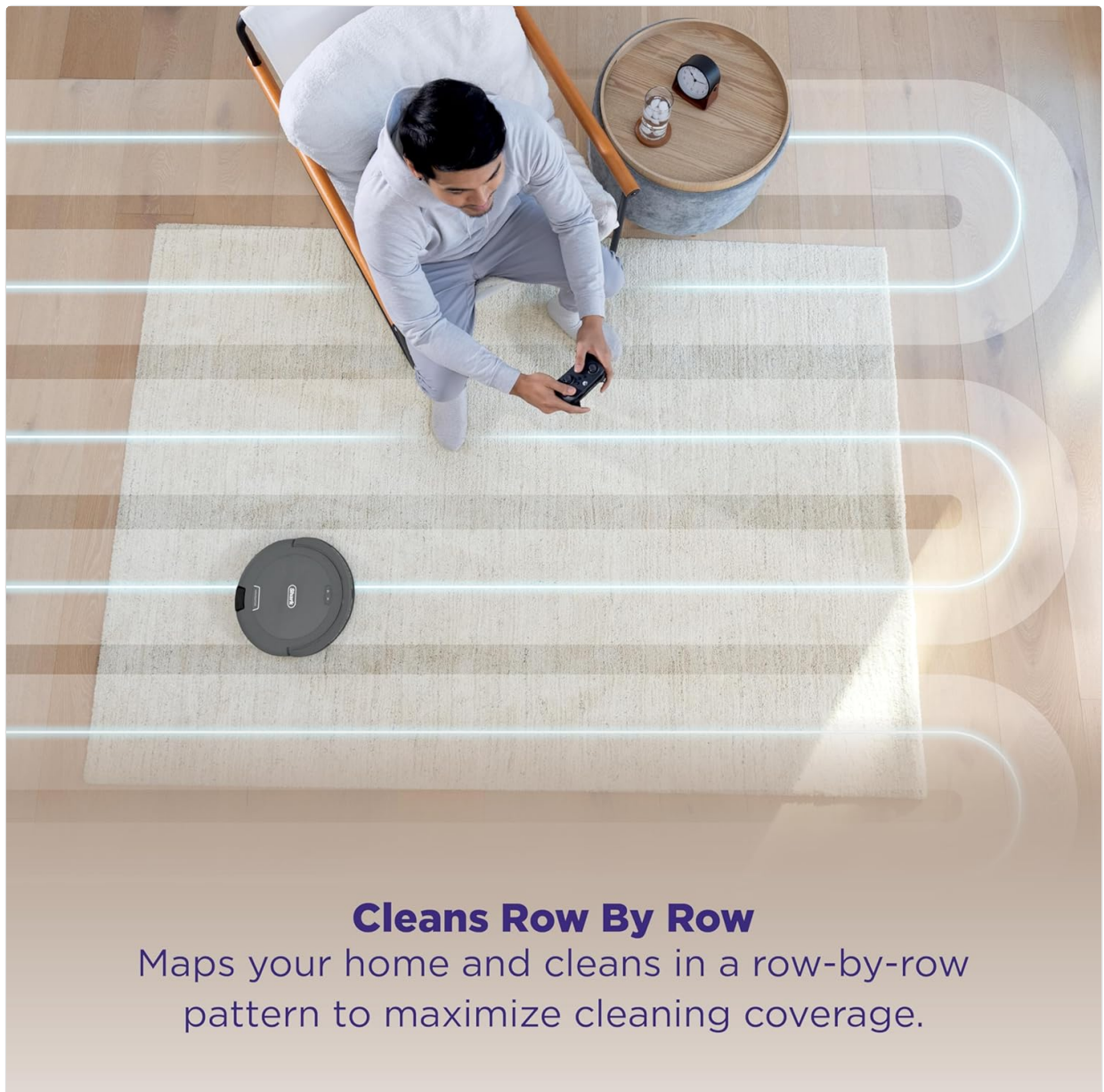
- **Manual Start:** Press the Clean button on the robot.
- **App Control:** Use the SharkClean app to start, stop, or pause cleaning from anywhere.
- **Voice Control:** If connected to Amazon Alexa or Google Assistant, use voice commands like "Alexa, tell Shark to start cleaning."

2. **SmartPath Navigation:** The robot will clean your home in an organized, row-by-row pattern. It uses its sensors to detect walls, furniture, and other obstacles, adjusting its path accordingly.

3. **Scheduling:** Use the SharkClean app to set up recurring cleaning schedules for specific times and days.

4. **Targeted Cleaning:** After the initial mapping, you can use the app to send the robot to clean specific rooms or zones.

5. **Detect & Avoid:** The robot is equipped with sensors that help it identify and navigate around objects in its path, minimizing collisions and getting stuck.



Cleans Row By Row

Maps your home and cleans in a row-by-row pattern to maximize cleaning coverage.

Image: An aerial view of the robot vacuum cleaning a rug in a methodical, row-by-row pattern, demonstrating its SmartPath Navigation for maximum coverage.



Detect & Avoid

Navigates around furniture and everyday items directly in its path.

Image: The robot vacuum intelligently navigating around various household items such as shoes and a dumbbell, showcasing its 'Detect & Avoid' capabilities.



Easy-to-use SharkClean® app
Schedule whole-home cleanings or target specific rooms, right from the palm of your hand.

Image: A user interacting with the SharkClean app on their smartphone, demonstrating the ease of scheduling and controlling the robot vacuum remotely.

Maintenance

Regular maintenance ensures your Shark Navigator Robot Vacuum operates at peak performance. Always turn off the robot and disconnect it from the charging dock before performing any maintenance.

1. Emptying the Dust Bin:

- Press the dust bin release button and slide out the dust bin.
- Open the dust bin lid and empty debris into a trash can.
- Tap the dust bin gently to dislodge any trapped dirt.

2. Cleaning the Filter:

- Remove the filter from the dust bin.
- Tap the filter clean over a trash can to remove dust and debris.
- Rinse the filter with water only if necessary, and ensure it is completely dry before reinserting. Do not use soap.

3. Cleaning the Brushroll:

- Flip the robot over and locate the brushroll cover.
- Remove the brushroll cover and lift out the brushroll.
- Remove any hair or debris wrapped around the brushroll. The anti-hair wrap design minimizes this, but occasional checks are recommended.
- Clean the brushroll housing and reinsert the brushroll and cover.

4. Cleaning Side Brushes:

- Gently pull off the side brushes.
- Remove any hair or debris.
- Snap the brushes back into place.

5. Cleaning Sensors and Charging Pads:

- Use a dry cloth to gently wipe the cliff sensors (located on the bottom of the robot), the bumper sensor, and the charging pads on both the robot and the dock.
- Ensure these areas are free of dust and debris for optimal performance.

Troubleshooting

If you encounter issues with your Shark Navigator Robot Vacuum, refer to the following common solutions:

• Robot Not Charging:

- Ensure the charging dock is plugged in and has power.
- Verify the robot's charging contacts are aligned with the dock's.
- Clean the charging contacts on both the robot and the dock with a dry cloth.

• Robot Not Connecting to Wi-Fi/App:

- Ensure your Wi-Fi network is 2.4 GHz (5 GHz networks are not supported).
- Restart your router and try the connection process again.
- Make sure the robot is close to the router during setup.

• Robot Getting Stuck Frequently:

- Clear loose cables, rugs with tassels, or small objects from the cleaning path.
- Ensure cliff sensors are clean.
- Check for debris wrapped around the wheels or brushroll.

• Poor Cleaning Performance:

- Empty the dust bin and clean the filter.
- Clean the brushroll and side brushes.
- Ensure the robot's sensors are clean.
- Run a mapping cycle again if the layout of your home has changed significantly.

• Robot Making Unusual Noises:

- Check the brushroll for any obstructions or debris.
- Inspect the wheels for trapped debris.

- Ensure the dust bin is properly seated.

Specifications

Feature	Specification
Brand	Shark
Model Name	Shark Navigator Robot
Model Number	RV2110CA
Product Dimensions (L x W x H)	38.4L x 31.2W x 11.7H centimetres
Colour	Black
Surface Recommendation	Carpet, Wood (Hard Floors)
Special Features	SmartPath navigation, Spot LiDAR technology, Object detection and avoidance, Anti-Hair Wrap
Included Components	Side Brush
Battery Cell Composition	Lithium Ion
Power Source	Battery Powered
Control Method	Voice (Alexa, Google Assistant), App (SharkClean)
Form Factor	Rectangular

Warranty and Support

Manufacturer Warranty: The Shark Navigator Robot Vacuum RV2110CA comes with a **1 Year Limited Warranty** from the date of purchase. This warranty covers defects in material and workmanship under normal household use. Please refer to the warranty card included with your product for full terms and conditions.

Customer Support: For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact Shark customer service. You can find contact information on the Shark website or on your product packaging.

When contacting support, please have your model number (RV2110CA) and proof of purchase readily available.