Shark RV2320S

Shark RV2320S Matrix Robot Vacuum User Manual

Model: RV2320S

1. INTRODUCTION

Welcome to the user manual for your new Shark RV2320S Matrix Self-Emptying Robot Vacuum. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your robot vacuum to ensure optimal performance and longevity. Please read this manual thoroughly before using your device.

Important Safety Instructions

- Always follow basic safety precautions when using an electrical appliance.

- Do not use the robot vacuum outdoors or on wet surfaces.

- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.

- Ensure the charging dock is placed on a level surface against a wall, with adequate clearance.

- Remove any loose cables, small objects, or fragile items from the cleaning path before operation.

- Use only as described in this manual.

Image 1.1: The Shark RV2320S Matrix Robot Vacuum with its self-empty base.

2. WHAT'S INCLUDED

Upon unpacking your Shark RV2320S Matrix Robot Vacuum, ensure all the following components are present:

- 1 Shark Matrix Robot Vacuum
- 1 Self-Empty Base
- 1 Side Brush
- 1 Lithium Ion Battery (pre-installed)

3. SETUP GUIDE

3.1 Unpacking and Base Placement

1. Carefully remove all components from the packaging.
2. Choose a permanent location for the Self-Empty Base. Place it against a wall in a central area with a strong Wi-Fi signal. Ensure there is at least 3 feet (0.9 meters) of clearance on either side and 5 feet (1.5 meters) in front of the base.
3. Plug the base into a power outlet. The power indicator light on the base will illuminate.

3.2 Initial Charging

1. Place the robot vacuum onto the charging contacts of the Self-Empty Base. Ensure the contacts align.
2. Allow the robot to charge completely before its first use. This may take up to 6 hours. The battery indicator lights on the robot will show charging status.

3.3 App Download and Wi-Fi Connection

1. Download the **SharkClean** app from your mobile device's app store (available for iOS and Android).

2. Follow the in-app instructions to connect your robot vacuum to your home Wi-Fi network. This enables advanced features like scheduling, zone cleaning, and remote control.

3. Ensure your Wi-Fi network is 2.4 GHz for optimal connectivity.

Image 3.1: Connecting the robot vacuum to the SharkClean app for smart control.

3.4 Initial Home Mapping

After initial setup, the robot will perform an exploratory run to create a map of your home. This map is crucial for efficient navigation and enables features like room selection and targeted cleaning.

- Clear floors of obstacles, loose wires, and small items to facilitate accurate mapping.
- The robot uses 360° LiDAR vision to quickly and accurately map your home.
- Once the map is complete, it will appear in the SharkClean app, allowing you to customize cleaning zones and no-go areas.
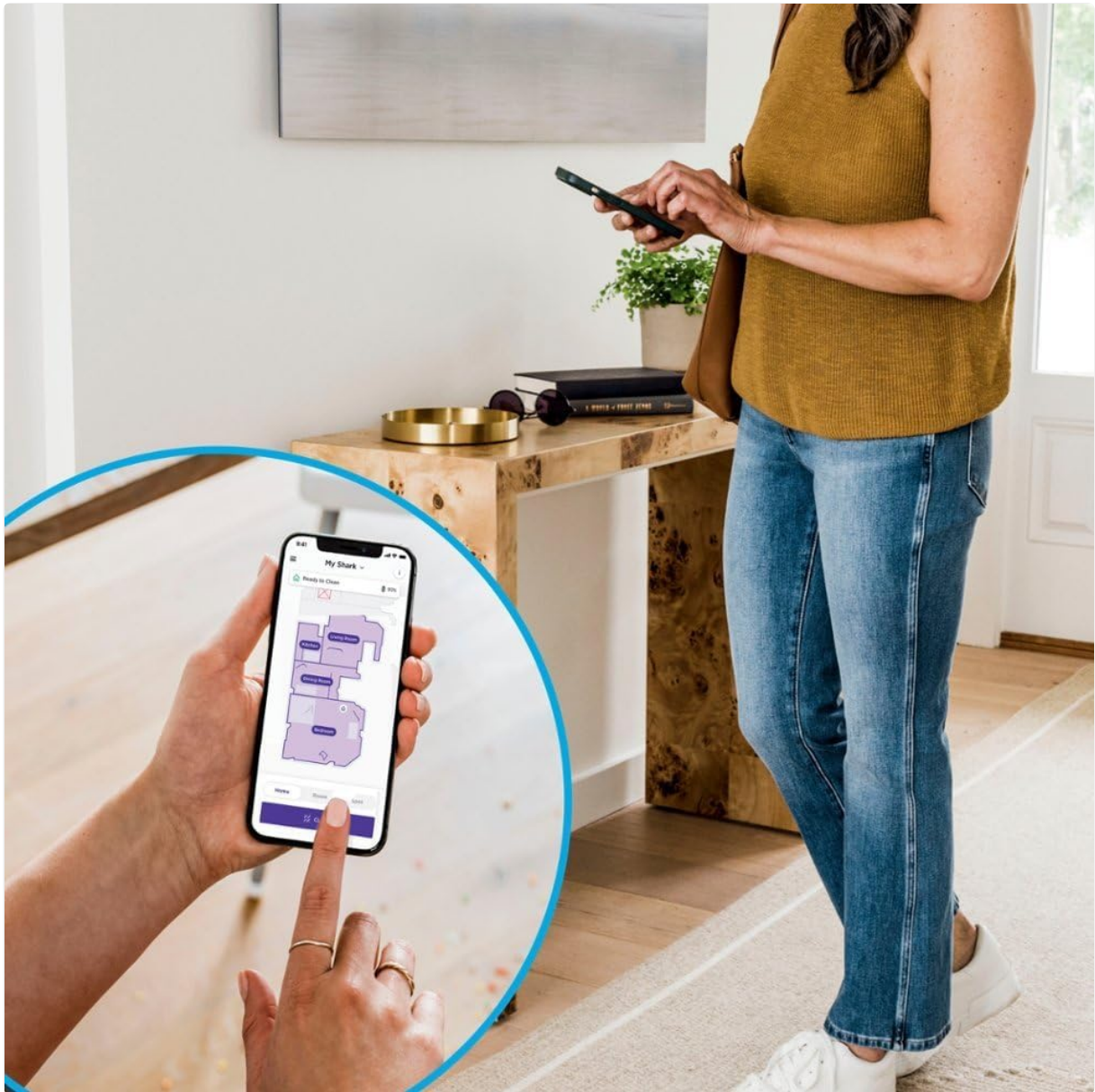
Image 3.2: The robot vacuum utilizing LiDAR technology to map its surroundings.

4. OPERATING YOUR ROBOT VACUUM

4.1 Starting a Clean Cycle

- **Manual Start:** Press the Clean button on the robot or the Self-Empty Base to initiate a full home cleaning cycle.

- **App Start:** Open the SharkClean app and select 'Clean' to start a cleaning cycle. You can also choose specific rooms or zones.

- The robot will return to its base to recharge if the battery is low during a cleaning cycle and will resume cleaning once sufficiently charged.

4.2 Matrix Clean

Matrix Clean is an advanced cleaning mode where the robot cleans using a precision grid, taking multiple passes over dirt and debris for deep cleaning coverage. This mode is ideal for heavily soiled areas.

- Activate Matrix Clean through the SharkClean app for targeted areas or entire rooms.

- This feature provides enhanced cleaning performance on both carpets and hard floors.

Image 4.1: The robot vacuum in action, demonstrating its cleaning capability, with app controls for power levels.

4.3 Targeted Cleaning and Scheduling

- Using the map in the SharkClean app, you can select specific rooms or zones for cleaning.
- Set cleaning schedules from anywhere using the app, allowing the robot to clean automatically at preferred times.
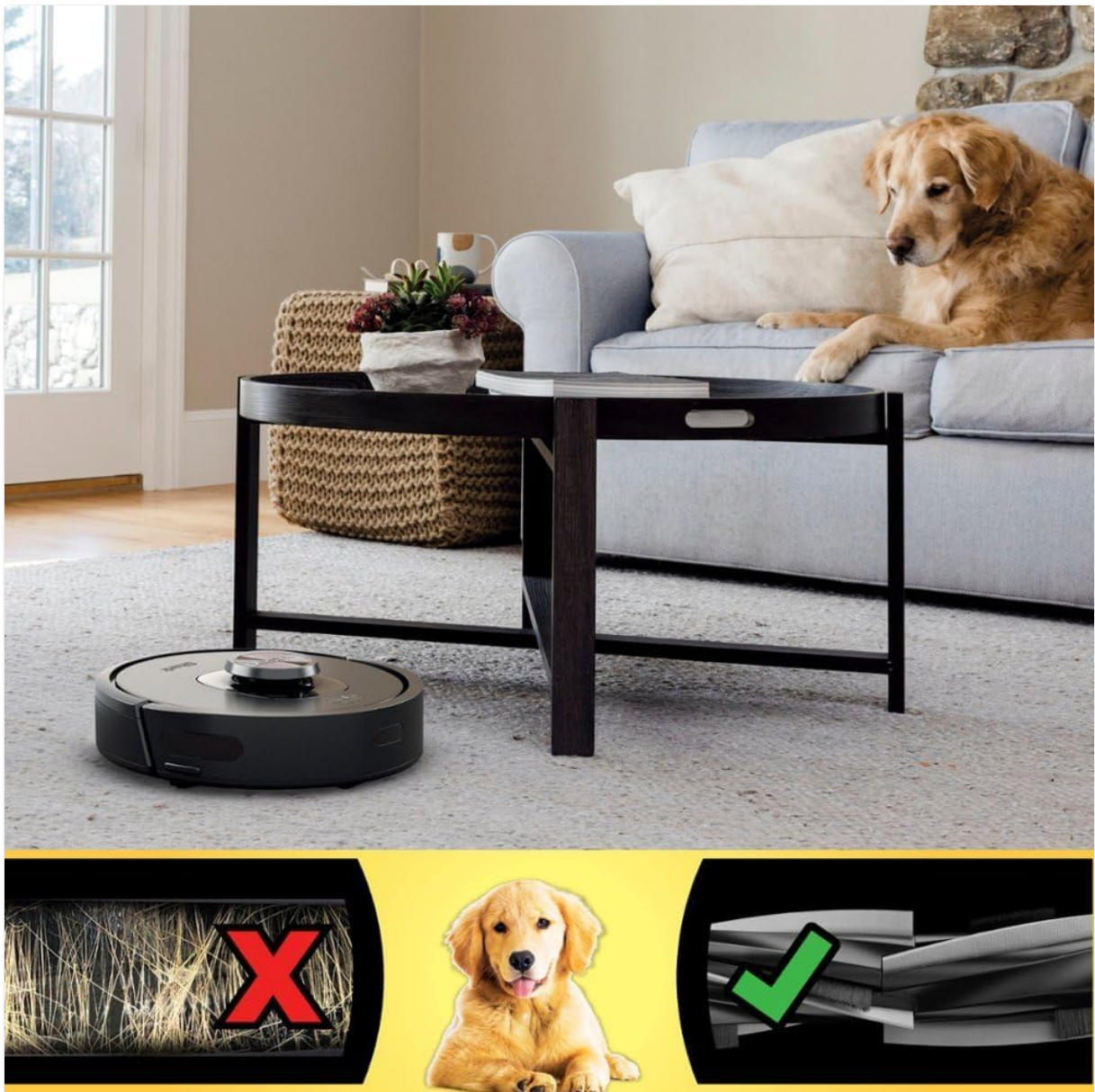
Image 4.2: The SharkClean app interface allowing users to select specific rooms for cleaning.

4.4 LiDAR Navigation and Obstacle Avoidance

The robot utilizes 360° LiDAR vision for precise navigation, allowing it to methodically clean and adapt to changes in your home environment. It detects and avoids objects in its path, day or night.

5. MAINTENANCE

Regular maintenance ensures your Shark RV2320S Matrix Robot Vacuum continues to operate efficiently. Always turn off the robot and unplug the base before performing any maintenance.

5.1 Self-Emptying Base and Dust Bin

- The bagless Self-Empty Base holds up to 30 days of dirt and debris, reducing the frequency of manual emptying.
- To empty the base, open the lid and remove the dust bin. Dispose of contents and reinsert the bin securely.
- Periodically wipe the interior of the base and the dust bin with a dry cloth.

Image 5.1: The robot vacuum automatically transferring collected debris into the self-empty base.

5.2 Self-Cleaning Brushroll

- The PowerFins brushroll is designed to be self-cleaning and anti-hair wrap, effectively picking up pet hair, dust, and debris from various surfaces.

- Periodically inspect the brushroll for any tangled hair or debris that may have accumulated. Remove any obstructions carefully.

5.3 Filter Cleaning

- The robot vacuum uses a cloth filter. Refer to the SharkClean app or the full product manual for specific instructions on accessing and cleaning the filter.

- Tap loose dirt from the filter over a trash bin. Do not wash the filter with water unless specified in the full manual.

5.4 Side Brush and Sensor Cleaning

- Inspect the side brush regularly for wear or damage. Replace if necessary. Remove any hair or debris wrapped around it.

- Wipe the cliff sensors and charging contacts on the robot and base with a dry cloth to ensure proper function.

6. TROUBLESHOOTING

If you encounter issues with your Shark RV2320S Matrix Robot Vacuum, refer to the following common solutions. For more detailed troubleshooting, consult the SharkClean app or the full product manual.

Problem	Possible Solution
Robot not charging	Ensure the charging contacts on both the robot and base are clean and free of debris. Verify the base is plugged into a working outlet.
Robot not connecting to Wi-Fi	Confirm your router is broadcasting a 2.4 GHz network. Restart your router and the robot. Re-attempt the connection process in the SharkClean app.
Poor cleaning performance	Check the dust bin for fullness and empty if necessary. Inspect the brushroll and filters for clogs or debris. Ensure the side brush is clean and intact.
Robot getting stuck frequently	Clear the cleaning area of loose cables, small rugs, or other obstacles. Use the app to set up no-go zones around problem areas. Clean cliff sensors.
Self-empty base not emptying	Check if the dust bin in the base is full. Ensure the robot is properly docked and the dust bin in the robot is correctly installed.

7. SPECIFICATIONS

Feature	Detail
Brand	Shark
Model Name	Shark RV2320S
Special Feature	Logical Navigation, Programmable, Self-Emptying
Color	Black
Filter Type	Cloth
Battery Life	Up to 360 minutes (varies by mode and surface)
Voltage	14.4 Volts
Capacity (Dust Bin)	0.05 Gallons (Robot), 30-day capacity (Self-Empty Base)
Power Source	Battery Powered
Control Method	App, On-device buttons
Compatible Devices	Amazon Echo (Voice Control)
Product Dimensions	13.39 x 13.39 x 4.19 inches
Item Weight	11.07 pounds

8. WARRANTY AND SUPPORT

For warranty information, product registration, or further assistance, please visit the official Shark website or contact Shark customer support. Details regarding your specific warranty coverage can typically be found with your purchase documentation or on the manufacturer's website.

Online Support: www.sharkclean.com/support