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HiKiNS HKS-803US2

HiKiNS HKS-803US2 Robotic Vacuum Cleaner User Manual

Model: HKS-803US2

1. Introduction

This manual provides essential instructions for the safe operation and maintenance of your HiKiNS HKS-803US2 Robotic Vacuum Cleaner. Please read it thoroughly before use and keep it for future reference. This robotic vacuum is designed for efficient cleaning of various floor types, featuring powerful suction, quiet operation, and an ultra-slim design to reach under furniture.

2. Important Safety Instructions

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Read all instructions before operating the appliance.
- Do not operate the vacuum in wet conditions or near liquids.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Do not allow children to operate the vacuum. Supervise children and pets when the vacuum is in use.
- Clear the area of any loose cables, small objects, or fragile items before cleaning.
- Use only the original charging adapter and dock provided by HiKiNS.
- Do not use the vacuum to pick up large objects, sharp items, or burning/smoking materials.
- Ensure the dust bin is properly installed before use.

3. Package Contents

Verify that all components are present in the package:

- HiKiNS Robotic Vacuum Cleaner

- Charging Dock
- Power Adapter
- Side Brushes (2 pairs)
- Dust Bin
- Water Tank (for mopping function)
- Cleaning Tool
- Remote Control
- User Manual

4. Product Overview

4.1 Top View

The top of the vacuum features the main power button and indicator lights for status updates.

4.2 Bottom View

The underside includes essential cleaning components:

- **Side Brushes:** Two rotating brushes sweep debris into the suction path.
- **Suction Port:** A brushless design prevents tangles, ideal for pet hair.
- **Driving Wheels:** Allow the vacuum to move across various surfaces.
- **Charging Contacts:** Connect with the charging dock for automatic recharging.
- **Cliff Sensors:** Detect drops to prevent falls from stairs.

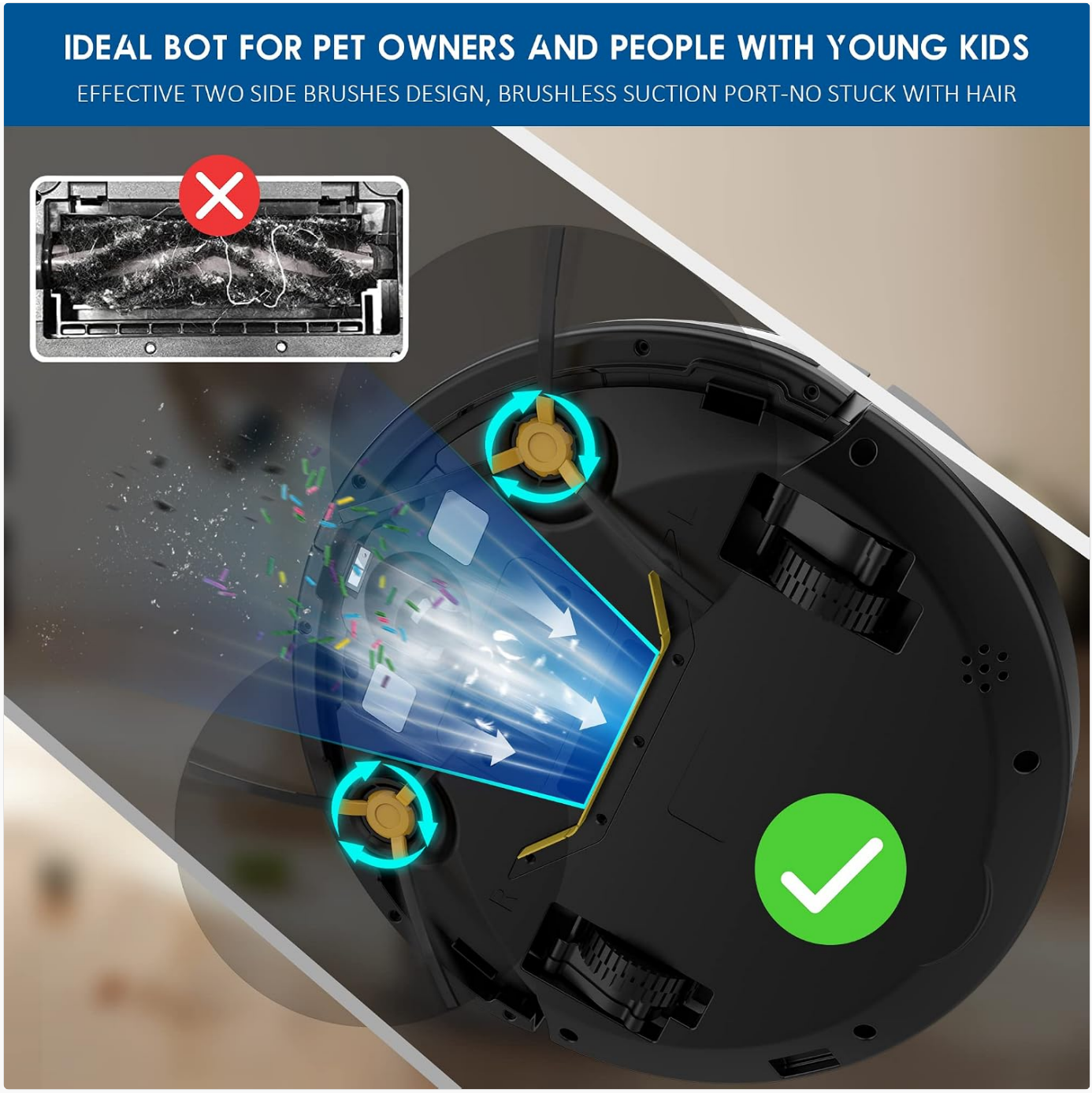


Image: Bottom view of the HiKiNS robotic vacuum cleaner, highlighting the two side brushes and the brushless suction port. An inset shows a traditional roller brush with tangled hair, contrasting with the tangle-free design of this model.

4.3 Dimensions

The vacuum features an ultra-slim profile, allowing it to clean under most furniture.



Image: The HiKiNS robotic vacuum cleaner shown cleaning under a sofa, illustrating its slim design (2.95 inches height) which allows it to access hard-to-reach areas. The overall diameter is 12.99 inches.

5. Setup

5.1 Installing Side Brushes

1. Turn the vacuum cleaner upside down.
2. Align the side brushes with the square posts on the bottom of the vacuum.
3. Press the brushes down until they click into place.

5.2 Placing the Charging Dock

- Place the charging dock against a wall in an open, uncluttered area.

- Ensure there is at least 1 meter (3 feet) of clear space in front of the dock and 0.5 meters (1.5 feet) on either side.
- Plug the power adapter into the charging dock and then into a wall outlet.

5.3 Initial Charging

Before first use, fully charge the robotic vacuum. This can take several hours.

- Manually place the vacuum onto the charging dock, ensuring the charging contacts align.
- The indicator light on the vacuum will show charging status.

6. Operating Your Robotic Vacuum

6.1 Starting and Stopping Cleaning

To start a cleaning cycle, press the power button on the vacuum or the 'Auto' button on the remote control. To pause or stop, press the button again.



Image: The HiKiNS robotic vacuum cleaner actively cleaning a wooden floor, demonstrating its 1800Pa powerful suction as it picks up debris. The text indicates to simply press the start button for operation.

6.2 Cleaning Modes

The HiKiNS HKS-803US2 offers several cleaning modes to suit different needs:

- **Auto Mode:** The vacuum cleans systematically, adjusting to different floor types like low-pile carpets and hard floors.
- **Edge Cleaning:** The vacuum focuses on cleaning along walls and corners.
- **Spot Cleaning:** For concentrated cleaning of a specific dirty area, the vacuum cleans in a spiral pattern.



Image: A visual representation of the HiKiNS robotic vacuum's cleaning patterns. It shows 'Auto Mode' for general area cleaning, 'Cleaning Along the Edge' for corners, and 'Pointed Cleaning' for stubborn spots.

6.3 Automatic Recharging

When the battery level is low, the vacuum will automatically return to its charging dock to recharge.



Image: The HiKiNS robotic vacuum cleaner is shown navigating back to its charging dock, indicated by a wireless signal icon and a low battery symbol. This illustrates its automatic self-charging capability.

6.4 Surface Transition

The vacuum is capable of smoothly transitioning between hard floors and low-pile carpets, overcoming obstacles up to 0.59 inches (1.5 cm) in height.



Image: The HiKiNS robotic vacuum cleaner is depicted moving from a hard wooden floor onto a carpet, demonstrating its ability to smoothly transition between different floor types and overcome small height differences (up to 0.59 inches).

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your robotic vacuum.

7.1 Emptying the Dust Bin

Empty the dust bin after each cleaning cycle or when the 'full' indicator illuminates. Remove the dust bin, open its lid, and discard the collected debris.

7.2 Cleaning Filters

Clean the filters regularly to maintain suction power. Tap the filter to remove loose dirt, or rinse with water if specified for your filter type (ensure it's completely dry before reinstallation).

7.3 Cleaning Side Brushes

Periodically check side brushes for tangled hair or debris. Remove them by pulling gently and clean any obstructions. Replace worn brushes.

7.4 Cleaning Sensors and Charging Contacts

Wipe the cliff sensors and charging contacts on both the vacuum and the charging dock with a clean, dry cloth to ensure proper function and charging.

7.5 Water Tank Maintenance (if applicable)

If using the mopping function, empty any remaining water from the tank after use and allow it to air dry. Clean the mopping pad as needed.

8. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Vacuum does not turn on.	Low battery; Power button not pressed.	Charge the vacuum; Press and hold the power button.
Vacuum does not charge.	Charging contacts dirty; Power adapter not connected.	Clean charging contacts; Ensure adapter is plugged in.
Poor cleaning performance.	Dust bin full; Filters clogged; Side brushes tangled.	Empty dust bin; Clean/replace filters; Clean side brushes.
Vacuum gets stuck frequently.	Obstacles in cleaning path; Cliff sensors dirty.	Clear obstacles; Clean cliff sensors.

9. Specifications

Feature	Detail
Brand	HiKiNS
Model Number	HKS-803US2
Color	Black
Product Dimensions	30.99 x 30.99 x 7.49 cm (12.2 x 12.2 x 2.95 inches)
Suction Power	1800 Pa
Noise Level	<60 dB (typically <50 dB)
Battery Life	Up to 100 minutes
Battery Cell Composition	Lithium Ion (2000mAh capacity)

Feature	Detail
Power Source	Battery Powered
Special Features	Anti-collision, Self-charging, Tangle-free suction
Surface Recommendation	Hard floor, Carpet (low-pile)
Control Type	Remote control / On-device button
Compatible Devices	Amazon Echo



Image: An illustration demonstrating the HiKiNS robotic vacuum's operational capacity, showing it can clean an area of up to 1000 square feet for approximately 100 minutes on a single charge.



Image: The HiKiNS robotic vacuum cleaner operating quietly on a wooden floor next to a child sleeping in bed, emphasizing its low noise level (less than 50dB) during operation.

10. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official HiKiNS website. Keep your purchase receipt as proof of purchase.

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