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## BLACK+DECKER BDRV1-SLV-RA

# BLACK+DECKER ROBOSERIES Robot Vacuum Instruction Manual

Model: BDRV1-SLV-RA

## INTRODUCTION

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Thank you for choosing the BLACK+DECKER ROBOSERIES Robot Vacuum. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new robotic vacuum cleaner. Please read this manual thoroughly before using the appliance and retain it for future reference.

## IMPORTANT SAFETY INSTRUCTIONS

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When using an electrical appliance, basic precautions should always be followed, including the following:

- Read all instructions before using this appliance.
- Do not operate the vacuum cleaner in areas with open flames or flammable liquids.
- Ensure the charging dock is placed on a level surface against a wall, with clear space around it.
- Do not allow children to operate the vacuum cleaner. Supervise children and pets when the vacuum is in operation.
- Unplug the charging dock when not in use for extended periods or before cleaning.
- Do not use the vacuum cleaner to pick up large objects, sharp objects, or liquids.
- Only use the original charging adapter and battery provided with the appliance.
- Regularly inspect the power cord and plug for damage. Do not use if damaged.

## PACKAGE CONTENTS

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Verify that all components are present in the package:

- BLACK+DECKER ROBOSERIES Robot Vacuum
- Instruction Guide (this manual)
- Dusting Brush
- HEPA Filter (pre-installed or spare)
- Remote Control (with 1 AAA battery included)
- Charging Dock



Figure 1: Included Components. This image displays the robotic vacuum cleaner along with its essential accessories, including the remote control, charging base, an edge brush, and a HEPA filter, all necessary for operation and maintenance.

## PRODUCT OVERVIEW

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The BLACK+DECKER ROBO SERIES Robot Vacuum is a disc-shaped, auto-charging robotic cleaner designed for efficient floor maintenance. It features intelligent mapping technology for precise navigation and a powerful 2000Pa suction for thorough cleaning of dirt, debris, and pet hair.



Figure 2: Product Overview. This image provides a top-down view of the robotic vacuum, highlighting its sleek design and the accompanying smartphone app and remote control for convenient operation.



Figure 3: Key Features. This visual breakdown illustrates the vacuum's main attributes, including its user-friendly controls, high-efficiency HEPA filter, extended battery life, compact charging station, large dustbin capacity, and strong suction capability.

## SETUP

### 1. Charging Dock Placement

Place the charging dock on a hard, level surface against a wall. Ensure there is at least 0.5 meters (1.6 feet) of clear space on either side of the dock and 1.5 meters (4.9 feet) in front of it. Plug the power adapter into a wall outlet.

### 2. Initial Charging

Place the robot vacuum onto the charging dock, ensuring the charging contacts align. The indicator light on the vacuum will illuminate to show it is charging. For first-time use, charge the vacuum for at least 6 hours to ensure the battery is fully conditioned.

## AUTOMATICALLY RETURNS TO CHARGING DOCK



Figure 4: Automatic Charging. This image demonstrates the robot vacuum's ability to autonomously return to its charging station when its battery is low or a cleaning cycle is complete.

### 3. App Installation and Pairing

Download the "BLACK+DECKER Home" app from your smartphone's app store. Follow the in-app instructions to connect your robot vacuum to your home Wi-Fi network and pair it with the app. This enables remote control and scheduling features.

## OPERATING INSTRUCTIONS

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### 1. Starting a Cleaning Cycle

Press the power button on the vacuum or the "Clean" button on the remote control/app to start a cleaning cycle. The vacuum will begin cleaning in an intelligent, row-by-row pattern using its gyro navigation.

# MULTI SURFACE ROBOT VACUUM

## GYRO NAVIGATION FOR INTELLIGENT ROW-BY-ROW CLEANING

Figure 5: Multi-Surface Cleaning. This image shows the robot vacuum effectively cleaning different floor types, demonstrating its versatility and systematic cleaning path.

### 2. Suction Power

The vacuum features a powerful 2000Pa suction, designed to effectively pick up dirt, dust, and pet hair from various floor surfaces.



Figure 6: Powerful Suction. This graphic illustrates the strong suction power of the robot vacuum, showing how it efficiently collects debris from the floor.

### 3. App and Remote Control

Use the mobile app to customize cleaning schedules, select specific cleaning zones, and monitor cleaning progress. The included remote control provides quick access to basic functions like starting, stopping, and directing the vacuum.

### 4. Voice Control with Alexa

Integrate your robot vacuum with Amazon Alexa for hands-free control. Once connected, you can use voice commands such as "Alexa, tell [Vacuum Name] to start cleaning" or "Alexa, tell [Vacuum Name] to go home."

### 5. Automatic Return to Charging Dock

When the battery level is low or a cleaning cycle is complete, the robot vacuum will automatically return to its charging dock to recharge. Ensure the charging dock is accessible and free from obstructions.

## MAINTENANCE

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

## 1. Emptying the Dustbin

The vacuum is equipped with an XL dustbin. It is recommended to empty the dustbin after each cleaning cycle or when the dustbin full indicator illuminates. To empty, press the dustbin release button, remove the dustbin, and discard collected debris.

## 2. Cleaning the HEPA Filter

The HEPA filter should be cleaned regularly to maintain suction efficiency. Tap the filter gently to remove loose dust. For a more thorough cleaning, the filter can be rinsed under running water. Ensure the filter is completely dry before reinserting it into the dustbin. Replace the HEPA filter every 3-6 months, depending on usage.

## 3. Cleaning Brushes

Periodically remove hair and debris from the main brush and side brushes. Use the cleaning tool provided (if applicable) or scissors to cut away tangled hair. Ensure brushes spin freely after cleaning.

## 4. Cleaning Sensors and Charging Contacts

Wipe the anti-drop sensors, anti-collision sensors, and charging contacts on both the vacuum and the charging dock with a clean, dry cloth. This prevents performance issues caused by dust accumulation.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Vacuum does not turn on.	Low battery; Power button not pressed; Main power switch off.	Charge the vacuum; Press and hold the power button; Ensure the main power switch (usually on the side/bottom) is ON.
Vacuum does not charge.	Charging contacts dirty; Charging dock unplugged; Vacuum not properly aligned.	Clean charging contacts on both vacuum and dock; Ensure dock is plugged in; Re-align vacuum on dock.
Vacuum gets stuck frequently.	Obstacles in path; Sensors dirty; Rugs/cables too high.	Clear obstacles; Clean sensors; Use "No-Go Zone" feature if available or block off problematic areas.
Poor cleaning performance.	Dustbin full; Filter clogged; Brushes tangled.	Empty dustbin; Clean/replace HEPA filter; Clean main and side brushes.
Vacuum does not return to dock.	Dock obstructed; Dock not powered; Vacuum too far from dock.	Ensure clear path to dock; Check dock power; Manually place vacuum near dock to initiate return.

## SPECIFICATIONS

**Brand:** BLACK+DECKER

**Model Name:** BLACK+DECKER ROBOSERIES Robot Vacuum

**Model Number:** BDRV1-SLV-RA

**Special Features:** Easy-Empty Dirt Container, Anti-Fall, No-Go Zone, Auto-Docking, Bagless

**Color:** Gray/Silver

**Filter Type:** HEPA

**Battery Life:** 120 minutes

**Voltage:** 19 Volts

**Capacity (Dustbin):** 560 Milliliters

**Power Source:** Battery Powered

**Batteries Included:** Yes (1 AAA for remote)

**Lithium Battery Voltage:** 3.7 Volts

**Compatible Devices:** Smartphones, Amazon Echo, Google Home

**Form Factor:** Disc-shaped or round

**UPC:** 850038846817

**Product Dimensions:** 12.5 x 12.5 x 2.5 inches

**Item Weight:** 6 pounds

**Manufacturer:** Silverpoint Tech

**ASIN:** B0DDRL29G6

**Date First Available:** August 20, 2024

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the warranty card included with your product or visit the official BLACK+DECKER website. You may also contact customer service through the details provided on the product packaging or the manufacturer's website.

Please have your model number (BDRV1-SLV-RA) and purchase date ready when contacting support.

