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› XIEBro Life BR151YY Robot Vacuum and Mop Combo User Manual

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Model: BR151YY

INTRODUCTION

Thank you for choosing the XIEBro Life BR151YY Robot Vacuum and Mop Combo. This 2-in-1 device is designed to simplify your home cleaning routine by offering powerful vacuuming and efficient mopping capabilities. With smart app and voice control, advanced obstacle avoidance, and multiple cleaning modes, the BR151YY provides a comprehensive solution for maintaining clean floors. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your robot vacuum.



Figure 1: The XIEBro Life BR151YY Robot Vacuum and Mop Combo, highlighting its sleek blue design, integrated water tank for mopping, and accompanying remote control for convenient operation.

WHAT'S INCLUDED

Before you begin, please ensure all components are present in the package:

- BR151 Robotic Vacuum Cleaner
- Remote Control (2 AAA batteries included)
- Charging Dock
- Power Adapter
- 230mL Water Tank (with washable mopping cloth)
- 220mL Dustbin (with high-efficiency filter)
- 2 Side Brushes
- User Manual

- FQA (Frequently Asked Questions)
- Networking Guide

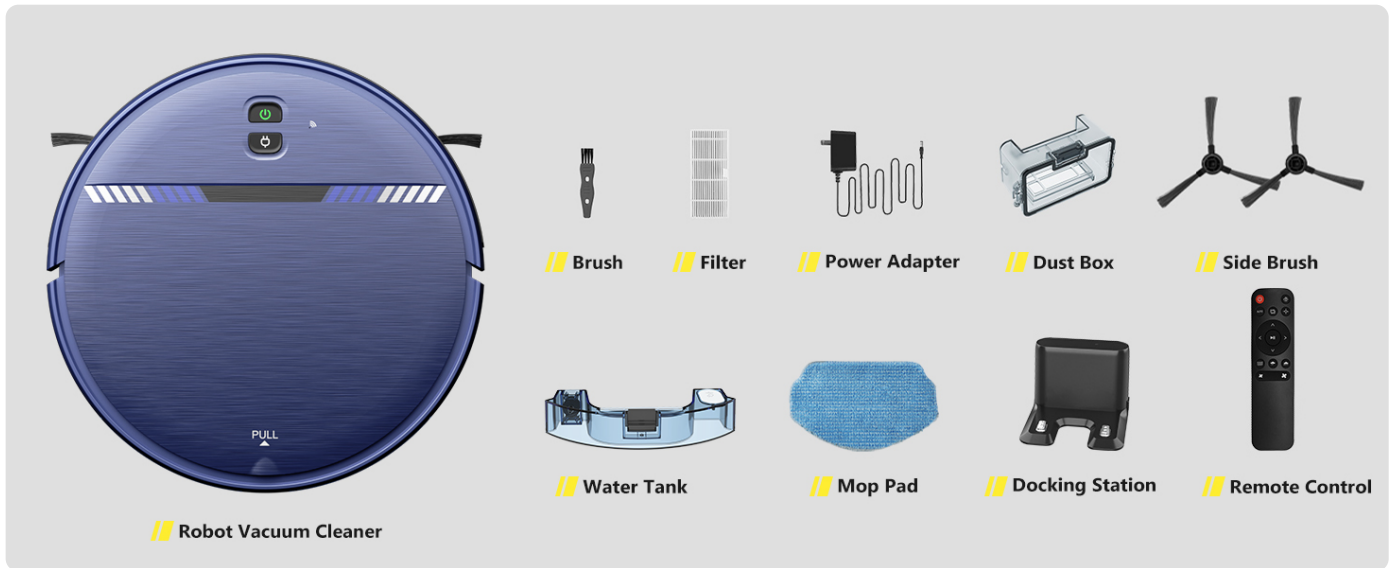


Figure 2: A visual representation of all items included in the BR151YY Robot Vacuum Cleaner package, ensuring you have everything needed for setup and operation.

SETUP

1. Charging the Robot Vacuum

Before first use, fully charge the robot vacuum. Place the charging dock against a wall in an open area, ensuring there are no obstacles within 1 meter (3 feet) to the sides and 2 meters (6 feet) in front. Connect the power adapter to the charging dock and a power outlet. The robot will automatically return to the charging base when its battery is low or cleaning is completed.

Self-Charging Robot Vacuum Cleaner



Figure 3: The robot vacuum automatically returning to its charging dock when the battery is low, illustrating its self-charging capability.

2. Connecting to Wi-Fi and App Control

The BR151YY can be controlled via the Tuya Smart App. Download the app from your device's app store. Ensure your Wi-Fi network is 2.4GHz, as the robot vacuum is only compatible with this frequency. Follow the instructions in the included Networking Guide to connect your robot to the app. Once connected, you can set cleaning schedules, change cleaning modes, and control the robot remotely.

Three Smart Control

Robotic vacuum can work with app, remote and voice.



Figure 4: A user interacting with the robot vacuum via the Tuya Smart App on a smartphone, demonstrating the convenience of app control.

OPERATING THE ROBOT VACUUM

1. Cleaning Modes

The BR151YY offers four high-efficiency cleaning modes to suit various cleaning needs:

- **Auto Cleaning:** The robot intelligently navigates and cleans the entire accessible area.
- **Spot Cleaning:** Focuses on a specific dirty area, cleaning in a spiral pattern.
- **Edge Cleaning:** Cleans along walls and furniture edges.
- **Zig-zag Cleaning:** Covers the largest area efficiently, reducing missed spots and increasing efficiency by 30%.

4 Various Cleaning Modes

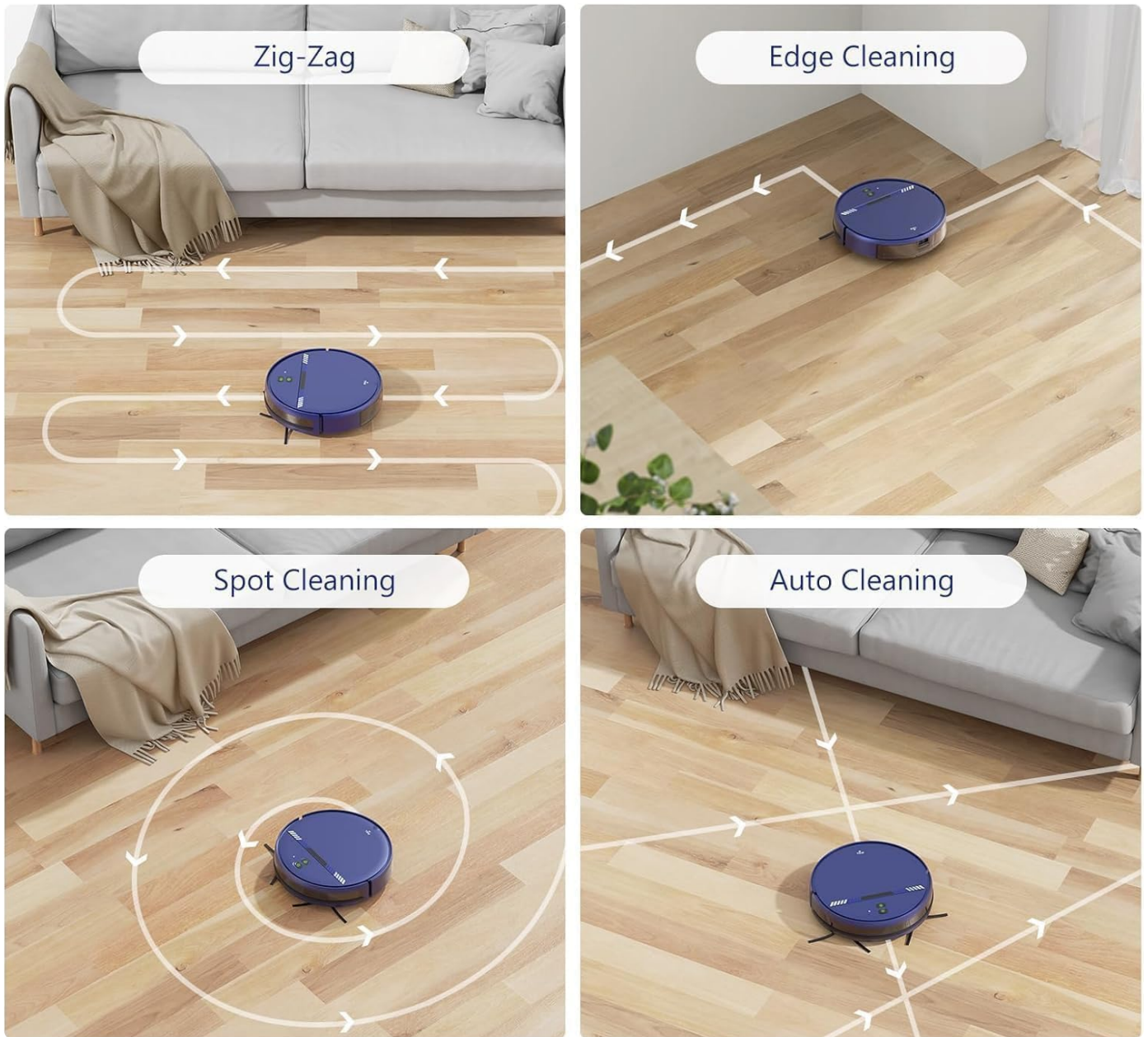


Figure 5: Visual examples of the four distinct cleaning modes (Zig-Zag, Edge, Spot, and Auto) available on the BR151YY, demonstrating their respective cleaning patterns.

2. Voice Control

The robot vacuum is compatible with Google Assistant. Once connected through the Tuya Smart App, you can use voice commands to start or stop cleaning. For example, "Hey Google, start the robot vacuum."

3. Remote Control

For direct control without the app, use the included remote control. It allows you to manually direct the robot, change modes, and initiate cleaning. Ensure the AAA batteries are correctly installed.

4. 2-in-1 Vacuuming and Mopping

The BR151YY features a 1400Pa powerful suction for vacuuming and a 230ml electronically controlled water tank for mopping. To use the mopping function, fill the water tank and attach the washable mopping cloth. The electronic control ensures uniform water penetration, suitable for hard floors like laminate, ceramic tile, granite, and parquet. The unique air inlet design prevents pet hair from blocking the suction port, making it ideal for pet owners.

2 in 1 Robot Vacuum and Mop

Equipped with 200ml dust box and 230ml water tank, supporting vacuuming and mopping at the same time

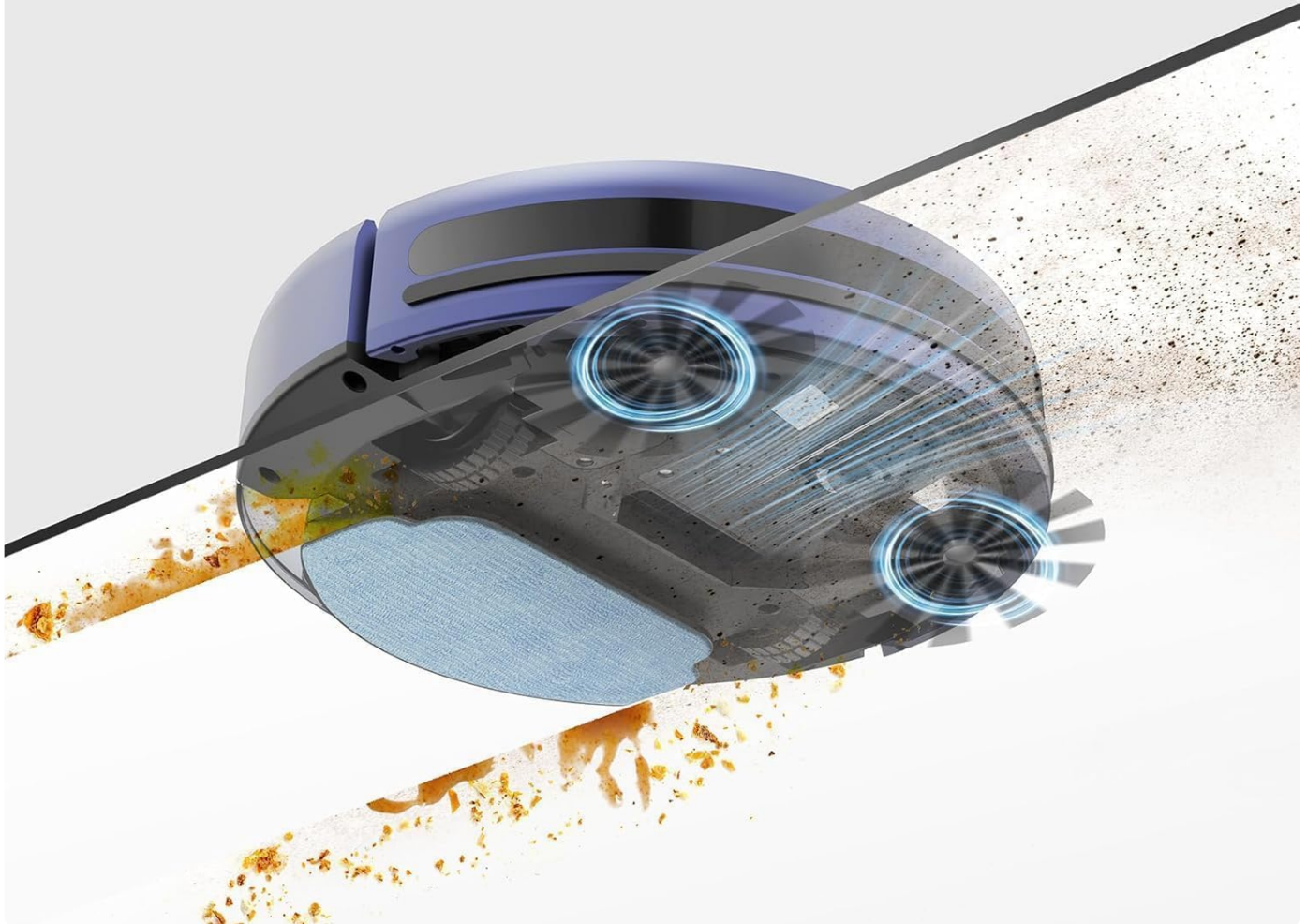


Figure 6: An internal view diagram illustrating the 2-in-1 vacuum and mop functionality, highlighting the dust box and water tank components working simultaneously.

MAINTENANCE

Regular maintenance ensures your BR151YY operates efficiently and extends its lifespan. It is recommended to perform these tasks after each cleaning cycle or as needed.

1. Cleaning the Dustbin and Filter

Empty the 220mL dustbin after each use. Remove the high-efficiency filter and tap it gently to remove debris. The filter can be rinsed with water, but ensure it is completely dry before reinserting it into the dustbin and robot.

2. Cleaning the Mopping Cloth

The washable mopping cloth should be removed and cleaned after each mopping session. Hand wash with mild detergent and air dry completely before reattaching.

3. Cleaning Side Brushes

Periodically check the side brushes for tangled hair or debris. Use the included cleaning tool or a pair of scissors to carefully remove any obstructions.

4. Cleaning Downward Sensors

The robot vacuum is equipped with advanced 3D obstacle avoidance technology and downward sensors to prevent falls. It is crucial to keep these sensors clean for proper operation. Use a soft, dry cloth to gently wipe the downward sensors located on the underside of the robot. Accumulation of dust or debris on these sensors can lead to abnormal behavior, such as the robot not detecting drops or getting stuck.

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Video 1: Demonstrates how to clean the downward sensors on the BR151YY Robot Vacuum. This maintenance step is crucial for preventing issues where the product might not function correctly due to obstructed sensors, ensuring proper navigation and fall prevention.

TROUBLESHOOTING

If you encounter issues with your BR151YY Robot Vacuum, please refer to the following common solutions:

- **Robot not charging:** Ensure the charging dock is properly plugged in and the robot is correctly aligned with the charging contacts. Clean the charging contacts on both the robot and the dock.
- **Robot not moving or getting stuck frequently:** Check for any physical obstructions around the robot's wheels or brushes. Clean the downward sensors as described in the Maintenance section. Ensure the robot is operating on a suitable surface.
- **Poor cleaning performance:** Empty the dustbin and clean the filter. Check if the side brushes are tangled or worn out and replace if necessary.
- **App connectivity issues:** Verify your Wi-Fi network is 2.4GHz. Restart your router and the robot vacuum. Re-attempt the pairing process as per the Networking Guide.
- **Downward Sensors Abnormal:** This error typically indicates that the robot's cliff sensors are dirty or obstructed. Refer to the "Cleaning Downward Sensors" section in Maintenance for detailed instructions on how to clean these sensors. After cleaning, restart the robot.

For further assistance, consult the FQA document included with your product or contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	XIEBro Life
Model Name	BR151YY
Special Feature	360-Degree Swivel, Anti-Fall, Scheduling, Simultaneous Vacuuming & Mopping, Wet/Dry
Color	Blue
Product Dimensions	11.8"L x 11.8"W x 2.87"H
Item Weight	7.72 pounds
Filter Type	Foam
Battery Life	Up to 100 minutes (2500mAh battery)
Dustbin Capacity	220mL
Water Tank Capacity	230mL
Suction Power	1400Pa (adjustable up to 2300Pa)
Obstacle Crossing Height	Up to 0.59 inches

WARRANTY AND SUPPORT

The XIEBro Life BR151YY Robot Vacuum Cleaner comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures your product is free from material and workmanship flaws under normal use.

For any questions, technical support, or warranty claims, please contact our professional customer service team. Refer to the contact information provided in your product packaging or on the official XIEBro Life website.