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MAMNV BR151

MAMNV BR151 Robot Vacuum User Manual

Model: BR151

Brand: MAMNV

IMPORTANT SAFETY INSTRUCTIONS

Please read all safety instructions carefully before using the appliance and keep this manual for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- This appliance is for household use only.
- Do not allow children to operate the robot vacuum. Supervise children and pets when the robot is operating.
- Ensure the charging dock is placed against a wall on a level surface and is free from obstacles.
- Do not use the robot vacuum in wet environments or on wet surfaces.
- Remove power cords, small objects, and fragile items from the floor before operation to prevent entanglement or damage.
- Do not use the robot vacuum to pick up large debris, liquids, burning or smoking materials.
- Only use the original charging adapter and battery pack provided by the manufacturer.
- Do not disassemble, repair, or modify the robot vacuum yourself. Contact professional customer service if service is required.

PRODUCT OVERVIEW

The MAMNV BR151 is a 2-in-1 robot vacuum cleaner and mop combo designed for efficient cleaning of various floor types, including carpets, hard floors, and for pet hair. It features smart app and voice control, intelligent obstacle avoidance, and automatic self-charging capabilities.



The MAMNV BR151 Robot Vacuum, showcasing its sleek design, accompanying remote control, and the detachable water tank for mopping functionality. A smartphone displaying the control app is also visible.

Included Components

- 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

SETUP

Charging the Robot Vacuum

Before first use, fully charge the robot vacuum. Place the charging dock against a wall in an open area. Connect the power adapter to the charging dock and plug it into a power outlet. The robot will automatically return to the charging base to recharge when its battery is low or after completing a cleaning cycle. A full charge provides approximately 100 minutes of runtime.

Installing Side Brushes

Align the side brushes with the corresponding slots on the bottom of the robot and press down until they click into place.

Preparing the Water Tank and Dustbin

For vacuuming, ensure the 220mL dustbin is properly inserted. For mopping, fill the 230mL water tank with clean water and attach the washable mopping cloth. Insert the water tank into the designated slot on the robot.

App and Wi-Fi Connection

Download the Tuya Smart App from your mobile device's app store. Follow the in-app instructions to connect your robot vacuum to your home Wi-Fi network. **Note:** The app only supports 2.4GHz Wi-Fi networks.

Set with the APP

Schedule your robot's floor cleaning routine.



A user interacting with the Tuya Smart App on a smartphone, demonstrating how to schedule and control the robot vacuum's cleaning routine. The app shows options for various cleaning modes and scheduling.

The robot vacuum is also compatible with Amazon Alexa and Google Assistant for convenient voice control. Refer to the Networking Guide for detailed instructions on integrating with these smart home systems.

OPERATING THE ROBOT VACUUM

Cleaning Modes

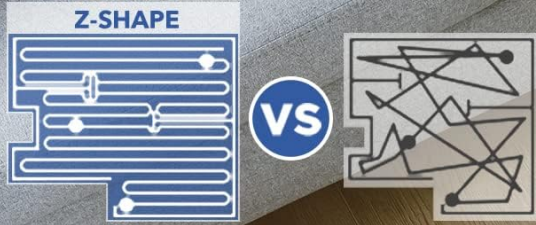
The BR151 offers four high-efficiency cleaning modes, selectable via the remote control or the Tuya Smart App:

- **Auto Cleaning:** The robot intelligently navigates and cleans the entire accessible area.
- **Spot Cleaning:** The robot focuses on a specific dirty area, cleaning in a spiral pattern.
- **Edge Cleaning:** The robot cleans along walls and furniture edges.
- **Zig-zag Cleaning:** The robot cleans in a systematic zig-zag pattern, covering a larger area and reducing missed

spots for increased efficiency.

Z-SHAPE Route

Reduce missed scanning, high efficiency.



A visual comparison illustrating the efficiency of the Z-shape (zig-zag) cleaning route, which systematically covers the floor, versus a less efficient random cleaning pattern.

Starting and Stopping Cleaning

Press the power button on the robot, use the remote control, or initiate cleaning through the Tuya Smart App. To stop cleaning, press the power button again or use the corresponding controls on the remote or app.

Mopping Function

The wet mop function is suitable for all hard floors, including laminate, ceramic tiles, granite, and parquet. The 230ml electric control water tank ensures even water penetration. Two levels of water flow intensity can be adjusted to suit different floor types and cleaning needs.

2 IN 1 Vacuum Cleaning and Mopping

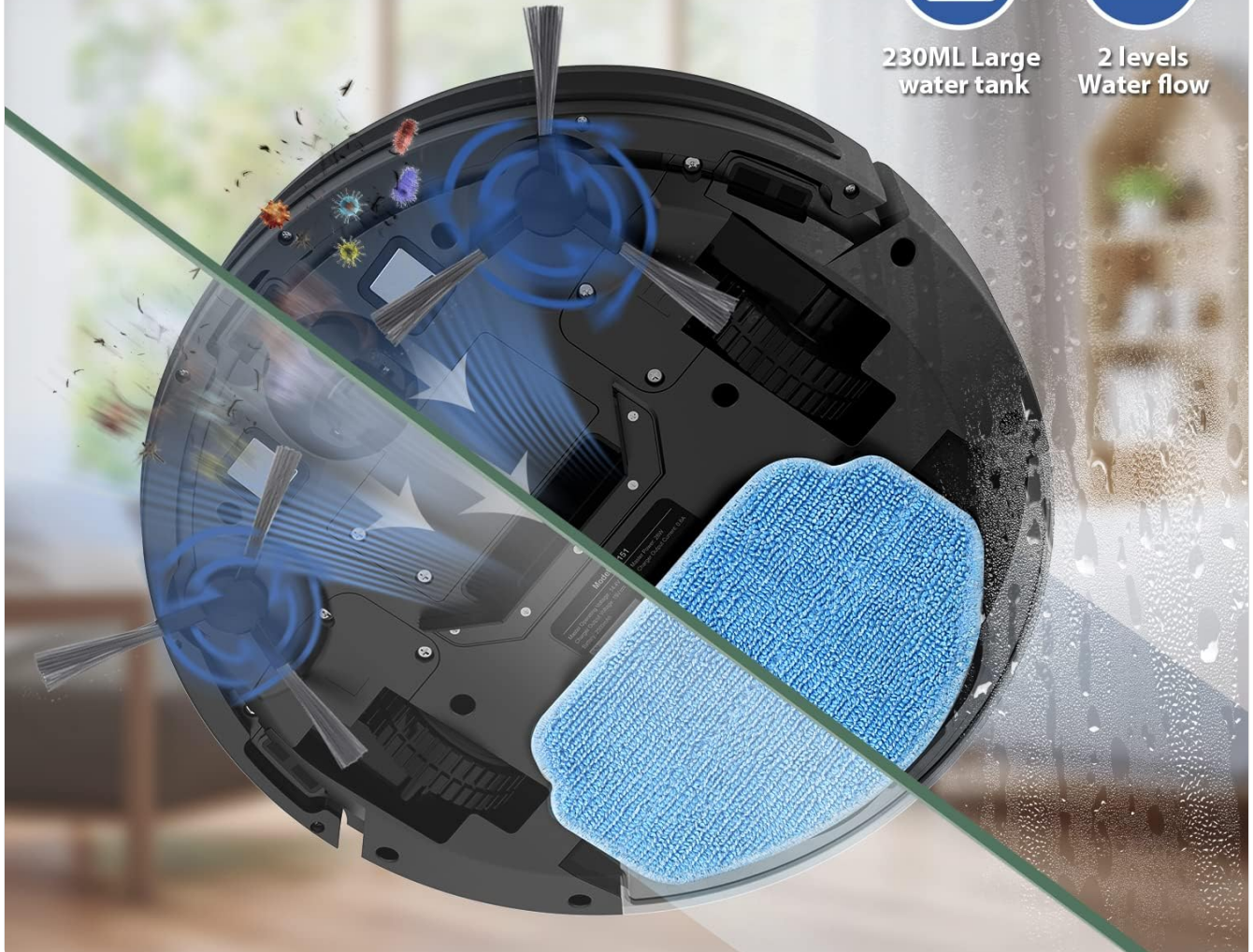
Wet mopping is great for hard floors.



230ML Large
water tank



2 levels
Water flow



An internal view of the robot vacuum highlighting its dual functionality for both vacuuming and wet mopping. It shows the 230ml large water tank and the two adjustable levels of water flow for effective hard floor cleaning.

Intelligent Obstacle Avoidance

The robot vacuum is equipped with advanced 3D precise obstacle avoidance sensors. These sensors intelligently identify and navigate around obstacles such as white walls, stairs, and furniture, preventing collisions and falls. Its slim 2.87-inch design allows it to clean under low-lying furniture and in narrow spaces.



2.87IN Slim & Quiet Design

Solve hidden dust in the whole house.

The MAMNV BR151 Robot Vacuum demonstrating its slim 2.87-inch profile, allowing it to easily clean under furniture like sofas, effectively reaching hidden dust and debris throughout the house.

MAINTENANCE

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

Cleaning the Dustbin and Filter

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

Cleaning the Water Tank and Mopping Cloth

After mopping, empty any remaining water from the tank. Remove the mopping cloth and wash it thoroughly. Allow both the tank and cloth to air dry completely before storage or next use.

Cleaning Side Brushes

Periodically check the side brushes for tangled hair or debris. Use a small brush or your fingers to remove any obstructions. If brushes are worn, replace them.

Cleaning the Brushless Suction Port

The BR151 features an advantaged brushless suction port, which minimizes hair entanglement, making it ideal for pet owners. Regularly check the suction port for any blockages and clear them as needed.



An illustration of the robot vacuum's powerful brushless suction port, designed to prevent hair entanglement. It demonstrates the vacuum's capability to effectively pick up various types of debris including hair, coffee spills, beans, dust, and general debris.

Cleaning Sensors

Wipe the anti-drop sensors and bumper sensors on the robot's underside with a clean, dry cloth to ensure proper functionality.

TROUBLESHOOTING

If you encounter issues with your MAMNV BR151 Robot Vacuum, refer to the table below for common problems and solutions.

Problem	Solution
Robot does not start or respond.	Ensure the robot is fully charged. Check if the power switch is turned ON. Press the power button firmly.
Robot gets stuck frequently.	Clear obstacles from the cleaning path. Ensure sensors are clean. Avoid using on very dark surfaces or thick carpets that may trigger cliff sensors.
Poor cleaning performance.	Empty the dustbin and clean the filter. Clean the side brushes and the brushless suction port. Ensure the water tank is filled for mopping.
App connectivity issues.	Ensure your Wi-Fi network is 2.4GHz. Restart your router and the robot vacuum. Re-attempt the pairing process in the Tuya Smart App.
Robot is unusually noisy.	Check for any foreign objects caught in the side brushes or suction port. Ensure the dustbin and filter are correctly installed.

For further assistance, please refer to the FAQ document included with your product or contact customer service.

SPECIFICATIONS

- **Model Name:** BR151 Robot Vacuum
- **Brand:** MAMNV
- **Color:** Black
- **Special Features:** Auto Mop Washing, Automatic Dust Collection, Programmable
- **Filter Type:** Foam
- **Battery Life:** 100 minutes
- **Battery Capacity:** 2500mAh
- **Voltage:** 220 Volts
- **Dustbin Capacity:** 0.22 Liters
- **Water Tank Capacity:** 0.23 Liters
- **Power Source:** Battery Powered
- **Compatible Devices:** Smartphones (via Tuya Smart App), Amazon Alexa, Google Assistant
- **Form Factor:** Robotic
- **Product Dimensions:** 11.8 x 11.8 x 2.87 inches
- **Item Weight:** 5.73 pounds
- **UPC:** 657768578816

WARRANTY AND SUPPORT

The MAMNV BR151 Robot Vacuum comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For professional customer service, technical support, or warranty claims, please refer to the contact information provided in your product packaging or visit the official MAMNV website. Please have your model number (BR151) and purchase details ready when contacting support.