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MAMNV BR151

MAMNV BR151 Robot Vacuum and Mop Combo User Manual

1. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before using the MAMNV BR151 Robot Vacuum and Mop Combo. Keep this manual for future reference.

- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Only use the original power adapter provided with the product.
- Do not use the robot in wet environments or near water sources.
- Ensure the charging dock is placed on a level surface against a wall, with adequate clear space around it.
- Remove any loose cables, small objects, or fragile items from the cleaning path to prevent entanglement or damage.
- Do not add cleaning solvents to the water tank, as they may corrode the tank and shorten its service life.

2. PRODUCT OVERVIEW

The MAMNV BR151 is a 2-in-1 robot vacuum and mop combo designed for efficient home cleaning. It features powerful suction, intelligent navigation, and multiple cleaning modes.

Key Features

- **2-in-1 Mopping Robot Vacuum:** Combines vacuuming and wet mopping functions with a 230ml electric control water tank for even penetration on hard floors.
- **Brushless Suction Port:** Designed to prevent pet hair entanglement, ideal for homes with pets.
- **Smart App & Voice Control:** Compatible with Tuya Smart App, Amazon Alexa, and Google Assistant for scheduled cleaning and voice commands. (Note: App supports 2.4GHz WiFi only).

- **Intelligent Obstacle Avoidance:** Advanced 3D precise obstacle avoidance sensors identify and avoid walls, stairs, and obstacles.
- **Slim Design:** At 2.87 inches, it can reach under furniture and into narrow spaces.
- **Long Runtime & Self-charging:** 2500mAh battery provides up to 100 minutes of runtime, automatically returning to the charging base when low on battery or cleaning is complete.
- **4 High-Efficiency Cleaning Modes:** Auto, Spot, Edge, and Zig-zag cleaning modes to suit different needs.

What's Included

- 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
- Networking Guide

3. SETUP

3.1 Unpacking and Placement

Carefully remove all components from the packaging. Place the charging dock on a hard, level surface against a wall. Ensure there is at least 1 meter (3 feet) of clear space on both sides of the dock and 2 meters (6 feet) in front of it for optimal navigation.

3.2 Initial Charge

Connect the power adapter to the charging dock and plug it into a wall outlet. Place the robot vacuum onto the charging dock. The indicator lights will show charging status. Fully charge the robot before first use (approximately 4-5 hours).

3.3 App Connection (Tuya Smart App)

To utilize smart features, download the Tuya Smart App from your device's app store. Register a new account or log in. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network, as the robot does not support 5GHz Wi-Fi.

1. Download and install the **Tuya Smart App**.
2. Register a new account or log in.
3. Power on the robot by pressing and holding the power button for 3 seconds.
4. Open the Tuya Smart App and tap 'Add Device'.
5. Select 'Robot Vacuum (Wi-Fi)' under 'Small Home Appliances' or 'Clean'.
6. To enter EZ mode, press and hold the recharge button on the robot for 3 seconds until the Wi-Fi indicator blinks rapidly.
7. Confirm the indicator is blinking rapidly in the app.
8. Enter your 2.4GHz Wi-Fi network password and proceed with the connection.

9. Once connected, you can control the robot via the app.

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Video: Instructions for connecting the MAMNV BR151 Robot Vacuum Cleaner to the Tuya Smart App.

4. OPERATING INSTRUCTIONS

4.1 Starting/Pausing Cleaning

- **Via Robot:** Press the power button on the robot to start or pause cleaning.
- **Via App:** Use the Tuya Smart App to start, pause, or stop cleaning.
- **Via Remote Control:** Use the provided remote control to start, pause, or stop cleaning.
- **Voice Control:** If connected to Amazon Alexa or Google Assistant, use voice commands like "Alexa, turn on the robot vacuum."

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Video: Overview of the MAMNV BR151 Robot Vacuum and Mop, demonstrating its features including voice control and cleaning capabilities.

4.2 Cleaning Modes

The BR151 offers four cleaning modes, selectable via the app or remote control:

- **Auto Cleaning Mode:** The robot intelligently navigates and cleans the entire area.
- **Spot Cleaning Mode:** The robot cleans a specific area in a spiral pattern, ideal for concentrated dirt.
- **Edge Cleaning Mode:** The robot cleans along walls and furniture edges.
- **Zig-zag Cleaning Mode:** The robot cleans in an efficient back-and-forth pattern, covering a large area.



Image: The MAMNV BR151 Robot Vacuum demonstrating app and voice control functionality, compatible with Amazon Alexa and Google Assistant.

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Video: Demonstration of the MAMNV BR151 Robot Vacuum Cleaner's various cleaning modes including auto, spot, edge, and zig-zag.

4.3 Mopping Function

To use the mopping function, fill the 230ml water tank with clean water and attach the washable mopping cloth. Insert the water tank into the robot. The robot will automatically dispense water for wet mopping. Adjust water flow intensity via the app if available.



Image: The MAMNV BR151 Robot Vacuum demonstrating its 2-in-1 dry/wet dual-purpose cleaning, highlighting the 230ml water tank and two levels of water flow.

4.4 Automatic Charging

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



Image: The MAMNV BR151 Robot Vacuum automatically returning to its charging base after 100 minutes of runtime or when the battery is low.

5. MAINTENANCE

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

5.1 Emptying the Dustbin

Empty the 220ml dustbin after each cleaning cycle. Open the top cover of the robot, remove the dustbin, and discard collected debris. Clean the high-efficiency filter as needed (washable type).

5.2 Cleaning the Water Tank and Mopping Cloth

After mopping, empty any remaining water from the 230ml water tank. Remove and wash the mopping cloth. Allow both to air dry completely before reassembling. **Do not add cleaning solvents to the water tank.**

5.3 Cleaning Side Brushes

Regularly check the side brushes for tangled hair or debris. Remove and clean them. Replace worn brushes to maintain effective cleaning.

5.4 Cleaning Sensors and Charging Contacts

Wipe the sensors and charging contacts on both the robot and the charging dock with a dry cloth to ensure proper function and charging.



Image: A set of replacement parts for the MAMNV BR151 Robot Vacuum, including two mopping cloths, two side brushes, and two high-efficiency filters.

6. TROUBLESHOOTING

If you encounter issues with your MAMNV BR151, refer to the following common problems and solutions:

- **Robot does not turn on:** Ensure the battery is charged. Place the robot on the charging dock and check if the indicator lights are on.
- **Robot does not charge:** Verify the power adapter is securely connected to the charging dock and a working power outlet. Clean the charging contacts on both the robot and the dock.
- **Robot gets stuck frequently:** Clear obstacles, loose cables, and thick rugs from the cleaning area. The robot is designed for low-pile carpets, not long-pile carpets.
- **Poor cleaning performance:** Empty the dustbin, clean or replace filters, and clean the side brushes. Ensure the water tank is filled for mopping.
- **App connection issues:** Confirm your Wi-Fi network is 2.4GHz. Restart your router and the robot. Follow the app connection steps carefully.
- **Robot falls down stairs:** Clean the cliff sensors located on the underside of the robot.

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

7. SPECIFICATIONS

Feature	Detail
Brand	MAMNV
Model Name	BR151 Robot Vacuum and Mop Combo
Special Feature	Pet Hair Pick Up, Scheduling, Simultaneous Vacuuming & Mopping, Variable Suction Control, Wet/Dry
Color	Black
Product Dimensions	11.8" L x 11.8" W x 2.87" H
Filter Type	Filter cotton (not washable), Three-layer high-efficiency filtration (washable)

Battery Life	100 minutes (runtime)
Cleaning Path Width	13.38 Inches
Voltage	220 Volts
Dustbin Capacity	220 Milliliters
Water Tank Capacity	230 Milliliters
Power Source	Battery Powered
Control Method	App, Remote, Touch, Voice
Compatible Devices	Amazon Echo, Google Home, Smartphones
Form Factor	Robotic
Item Weight	5.73 pounds
Surface Recommendation	Hard Floor, Low Pile Carpet, Wood Floor, Tile Floor, Pet Hair

8. WARRANTY AND SUPPORT

The MAMNV BR151 Robot Vacuum and Mop Combo comes with a 12-month service warranty. For any product inquiries, technical support, or warranty claims, please contact our professional customer service team. Refer to the contact information provided in the product packaging or on the official MAMNV website.