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› MAMNV BR151 Robot Vacuum and Mop Combo User Manual

MAMNV BR151

MAMNV BR151 Robot Vacuum and Mop Combo User Manual

Model: BR151

1. PRODUCT OVERVIEW

The MAMNV BR151 is a 2-in-1 robot vacuum and mop combo designed for efficient floor cleaning. It features intelligent navigation, multiple cleaning modes, and smart control options via an app or voice assistants.



Figure 1: Overview of the MAMNV BR151 Robot Vacuum and Mop Combo, including the robot, remote control, and a smartphone displaying the control app.

Included Components:

- 1x MAMNV BR151 Robot Vacuum
- 1x Charging Dock
- 1x Remote Control
- 1x User Manual
- 1x FQA (Frequently Asked Questions) Guide
- 1x Networking Guide
- 1x Watertank (with Washable Mopping Cloth)
- 1x Charging Adapter
- Side Brushes

2. SETUP AND INSTALLATION

2.1 Charging Dock Placement

Place the charging dock against a wall in an open area. Ensure there is at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (4.9 feet) in front of the dock. Connect the charging adapter to the dock and plug it into a power outlet. Ensure the power indicator on the dock illuminates.

2.2 Initial Charging

Place the robot vacuum onto the charging dock. Ensure the charging contacts on the robot align with those on the dock. The robot will begin charging automatically. For first-time use, charge the robot for at least 6 hours to ensure optimal battery performance.

2.3 App Installation and Connection

The MAMNV BR151 can be controlled via the Tuya Smart App. Download the app from your device's app store. Follow the instructions in the included Networking Guide to connect your robot to the app. Note that the app only supports 2.4GHz WiFi networks.

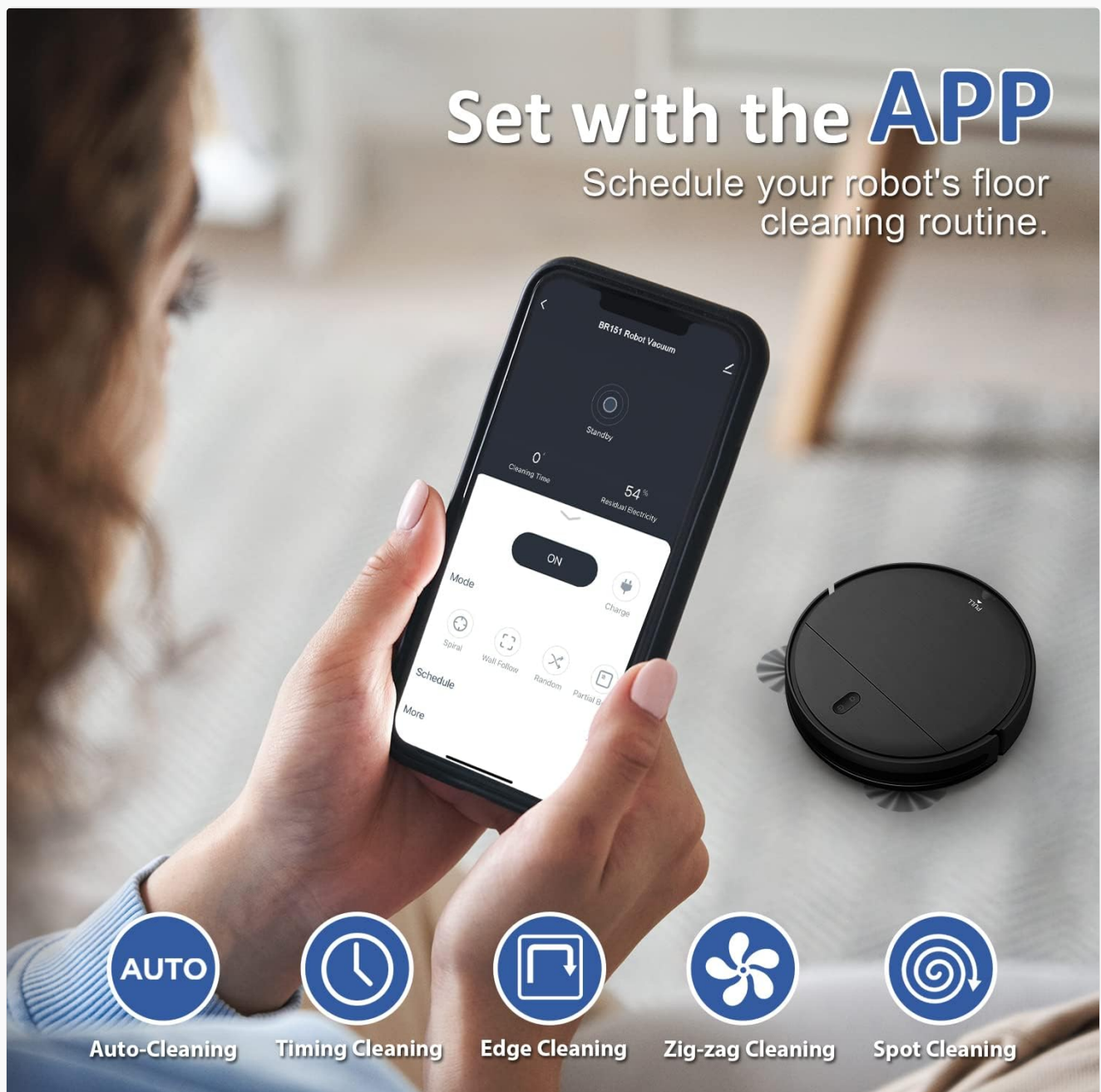


Figure 2: The Tuya Smart App interface for scheduling and controlling the robot vacuum.

2.4 Voice Assistant Integration

The robot vacuum is compatible with Amazon Alexa and Google Assistant. Refer to the Networking Guide for detailed instructions on linking your robot to these voice control platforms. This allows for voice commands such as 'start cleaning' or 'stop cleaning'.



Figure 3: The robot vacuum supports voice control via Amazon Alexa and Google Assistant.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

- **To Power On:** Press and hold the power button on the robot or use the app/remote control.
- **To Power Off:** Press and hold the power button on the robot or use the app/remote control.

3.2 Cleaning Modes

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

- **Auto Cleaning:** The robot automatically 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 Z-shaped path, covering a large area efficiently and reducing missed spots.



Figure 4: The Z-shape cleaning route for maximum coverage and efficiency.

3.3 Vacuuming Operation

The robot features 1400Pa suction power and a brushless suction port, ideal for picking up dust, debris, and pet hair without entanglement. It is suitable for various floor types including hard floors and low-pile carpets.

ADVANTAGED Brushless Suction Port

No Hair Entanglement Any More.



Figure 5: The brushless suction port effectively collects hair, coffee spills, beans, dust, and other debris.

3.4 Mopping Operation

To use the mopping function, fill the 230ml electric control water tank with water and attach the washable mopping cloth. The robot provides two levels of water flow adjustment for different floor types. The wet mop function is suitable for all hard floors such as laminate, ceramic tiles, granite, and parquet.

2 IN 1 Vacuum Cleaning and Mopping

Wet mopping is great for hard floors.



230ML Large
water tank



2 levels
Water flow

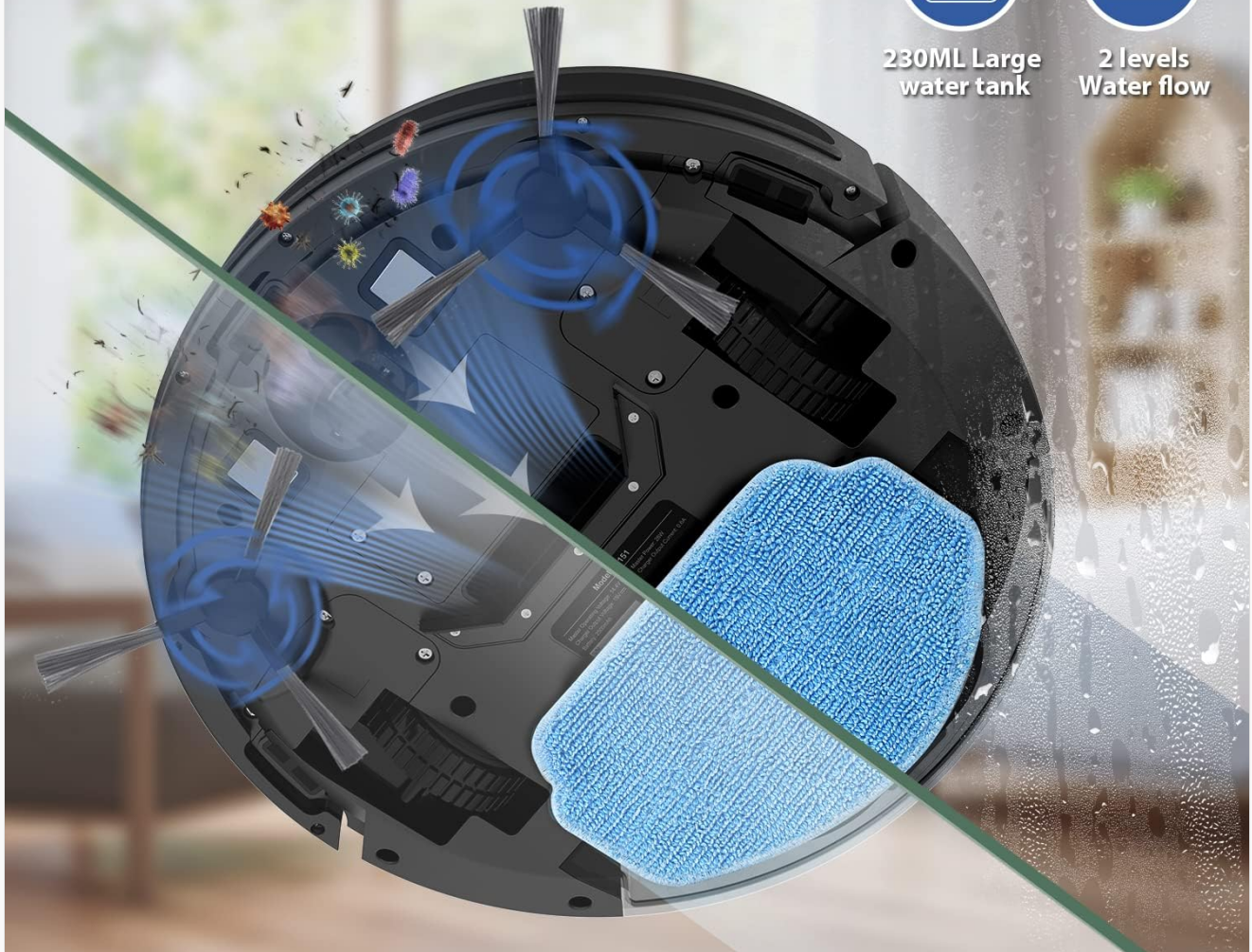


Figure 6: The 2-in-1 function allows for simultaneous vacuuming and wet mopping.

3.5 Intelligent Obstacle Avoidance

The robot is equipped with advanced 3D precise obstacle avoidance sensors to intelligently identify and navigate around white walls, stairs, and other obstacles. Its slim 2.87-inch design allows it to clean under furniture and in narrow spaces.



Figure 7: The 2.87-inch slim design enables the robot to clean under low-clearance furniture.

3.6 Self-Charging Function

With a 2500mAh battery, the robot can operate continuously for up to 100 minutes (approximately 1290 sq ft). When the battery is low or cleaning is complete, the robot will automatically return to its charging base to recharge.



Figure 8: The robot automatically returns to its charging base when the battery is low.

4. MAINTENANCE

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

4.1 Emptying the Dustbin

The dustbin should be emptied after each cleaning cycle or when full. Open the robot's top cover, remove the dustbin, and dispose of the collected debris. The dustbin has a capacity of 200ml.

4.2 Cleaning the Filter

The high-efficiency foam filter inside the dustbin should be cleaned regularly. Tap the filter gently to remove dust or rinse it with water if necessary. Ensure the filter is completely dry before reinserting it into the dustbin.

4.3 Water Tank and Mopping Cloth Maintenance

After mopping, empty any remaining water from the 230ml water tank. Remove the washable mopping cloth, rinse it thoroughly, and allow it to air dry. Reattach the clean, dry cloth before the next mopping session.

4.4 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 with new ones.

4.5 Cleaning the Brushless Suction Port

While the brushless design minimizes entanglement, occasionally check the suction port for any lodged debris. Use a dry cloth to wipe the area clean.

4.6 Sensor Cleaning

Wipe the robot's sensors (cliff sensors, anti-collision sensors) with a clean, dry cloth to ensure accurate navigation and obstacle detection.

5. TROUBLESHOOTING

If you encounter issues with your MAMNV BR151, refer to the following common problems and solutions. For more detailed troubleshooting, consult the included FQA guide.

- **Robot not charging:** Ensure the charging dock is powered on and the robot's charging contacts are properly aligned with the dock. Clean the charging contacts on both the robot and the dock if they appear dirty.
- **Robot gets stuck frequently:** Clear obstacles from the cleaning path. Ensure the robot's sensors are clean. The slim design helps, but some furniture or rugs might still pose a challenge.
- **App connectivity issues:** Verify your home WiFi is 2.4GHz. Restart your router, the robot, and your smartphone. Re-attempt the connection process as outlined in the Networking Guide.
- **Poor cleaning performance:** Empty the dustbin and clean the filter. Check side brushes for entanglement. Ensure the water tank is filled and the mopping cloth is clean for mopping tasks.
- **Unusual noises:** Check for any foreign objects caught in the side brushes or suction port.

6. SPECIFICATIONS

Feature	Specification
Brand	MAMNV
Model Name	BR151 Robot Vacuum
Special Feature	Wet/Dry
Color	Black
Product Dimensions	11.8"L x 11.8"W x 2.87"H
Filter Type	Foam
Battery Life (Runtime)	100 minutes (2500mAh battery)
Voltage	220 Volts
Dustbin Capacity	200 Milliliters
Water Tank Capacity	230 Milliliters
Power Source	Battery Powered
Control Method	App, Remote, Voice
Compatible Devices	Smartphones (2.4GHz WiFi)
Item Weight	7.83 pounds
ASIN	B0B1WS4FQ2
UPC	659050873272, 643708797157

7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or contact MAMNV customer support. If you require further assistance or have questions not covered in this manual or the FQA guide, please reach out to the manufacturer's support channels.

