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> BPMIO B20 Robot Vacuum and Mop User Manual

BPMIO B20

BPMIO B20 Robot Vacuum and Mop User Manual

Model: B20

1. PRODUCT OVERVIEW

The BPMIO B20 Robot Vacuum and Mop is an intelligent cleaning device designed to efficiently vacuum and mop various floor types. It features advanced navigation, strong suction power, and app control for a customized cleaning experience.



Figure 1: BPMIO B20 Robot Vacuum and Mop with its charging dock, side brushes, mop pads, cleaning tool, and a smartphone displaying the control app with a mapped home layout.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all components are present:

- BPMIO B20 Robot Vacuum and Mop
- Charging Dock
- Power Adapter
- Side Brushes (2 pairs)
- Mop Pads (2)
- Cleaning Tool
- User Manual (this document)

3. SETUP GUIDE

3.1 Charging Dock Placement

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

3.2 Initial Charge

Place the robot 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, fully charge the robot before operation, which typically takes 4-5 hours.



Figure 2: The BPMIO B20 robot vacuum automatically returning to its charging base when battery is low, illustrating its recharge and resume function.

3.3 App Installation and Connection

Download the BPMIO app from your smartphone's app store. Follow the in-app instructions to connect your robot to your home Wi-Fi network. The robot supports 2.4GHz networks only.



Figure 3: A hand holding a smartphone displaying the BPMIO robot vacuum app, showing a mapped floor plan with different rooms, indicating customized cleaning options.

4. OPERATING INSTRUCTIONS

4.1 Starting a Cleaning Cycle

Press the power button on the robot or use the BPMIO app to start a cleaning cycle. The robot will automatically map your home and begin cleaning.

4.2 Suction Power Adjustment

The BPMIO B20 offers 4 levels of suction power adjustment, with a maximum of 5500 Pa. It also features Auto Boost Suction Technology, which intelligently increases suction power when carpets are detected, ensuring thorough deep

cleaning.

Auto Boost Suction Technology

Intelligently boosts suction to maximum power when detecting carpets, ensuring thorough deep cleaning



Figure 4: The BPMIO B20 robot vacuum transitioning from a hard floor to a carpet, illustrating its Auto Boost Suction Technology which increases power from 2500Pa to 5500Pa for deeper cleaning.

5500Pa Strong Suction Power

4 level of suction power adjustment



Figure 5: An illustration of the BPMIO B20 robot vacuum demonstrating its 5500Pa strong suction power, effectively lifting dirt and debris from the floor.

4.3 Mopping Function

To use the mopping function, fill the water tank and attach the mop pad. The robot will vacuum and mop simultaneously. Ensure the mop pad is clean before each use for optimal results.

2 in 1 Vacuum and Mop Combo

Easy to vacuum pet hair and long hair



Figure 6: The BPMIO B20 robot vacuum operating on a hard floor, demonstrating its 2-in-1 vacuum and mop combo feature, effectively cleaning both dry debris and wet spills.

4.4 Smart Navigation and Mapping

The B20 utilizes advanced LIDAR technology for precise mapping and smart navigation, ensuring efficient and thorough cleaning of your space. It can create and store up to 5 editable maps and allows setting up to 30 editable no-go zones or invisible walls to restrict access to certain areas.

Precise Mapping & Smart Navigation

Navigate your space with pinpoint accuracy using our advanced LiDAR technology for highly efficient cleaning



Figure 7: The BPMIO B20 robot vacuum navigating a living room, illustrating its precise mapping and smart navigation capabilities using LIDAR technology to efficiently clean the space.

5 Editable Maps & 30 Editable No-Go Zones

Set areas to prevent access and protect vulnerable items



Figure 8: The BPMIO B20 robot vacuum avoiding a designated "No-Go Zone" and an "Invisible Wall" set up to protect a child's play area, demonstrating its ability to adhere to customized cleaning boundaries.

4.5 Edge Cleaning

With its low profile and side brush, the B20 is designed to effectively clean edges, corners, and under-furniture areas, ensuring comprehensive coverage.

Edge Cleaning & Ultra Reach

With a low profile and side brush, B20 easily cleans edges, corners, and under-furniture areas

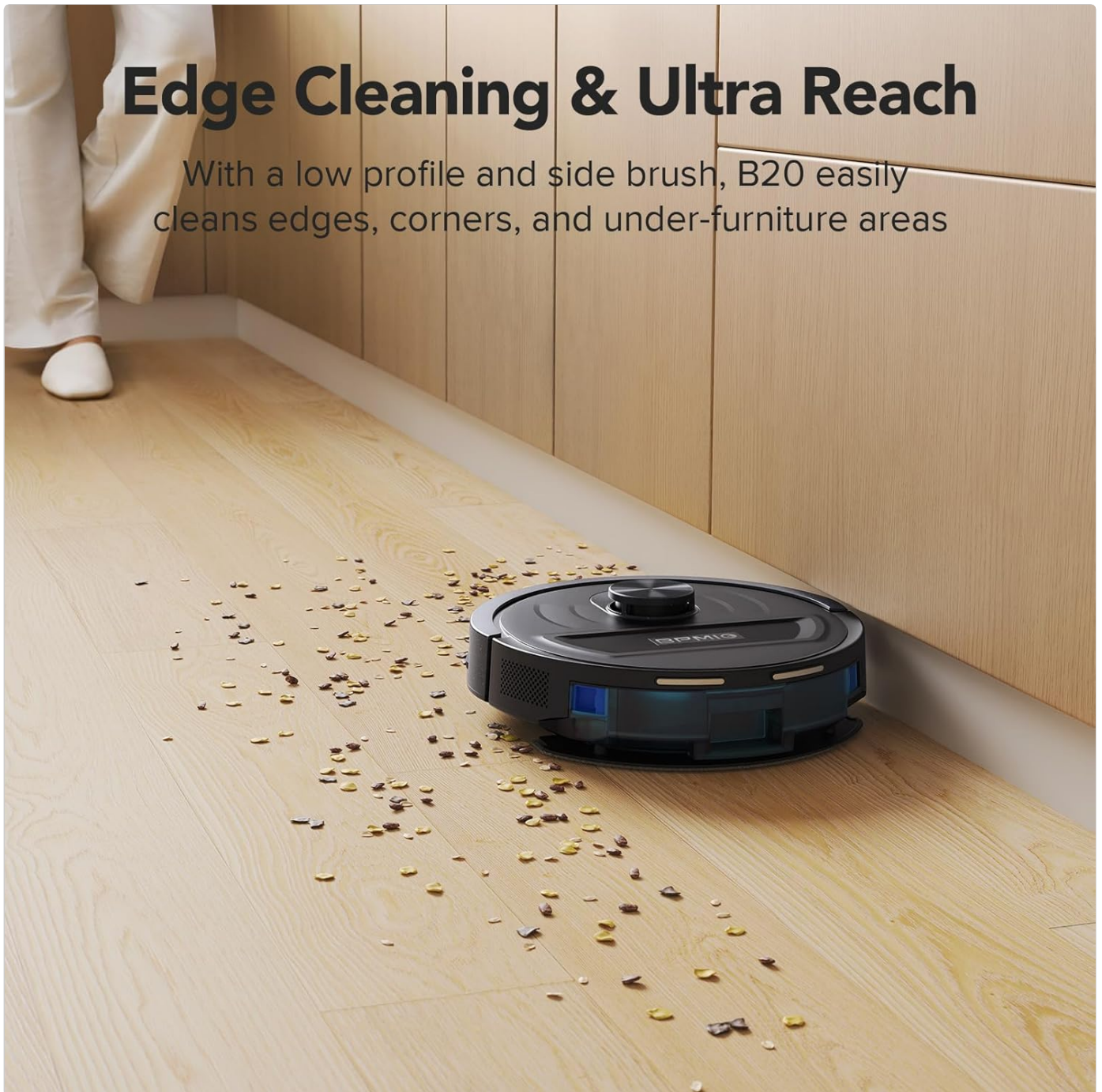


Figure 9: The BPMIO B20 robot vacuum cleaning along the edge of a wall and under furniture, highlighting its low profile and side brush for effective edge cleaning and ultra reach.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your BPMIO B20 robot vacuum.

5.1 Dustbin and Filter Cleaning

Empty the dustbin after each cleaning cycle. Clean the HEPA filter regularly by tapping it against a trash can to remove debris. Do not wash the HEPA filter with water. Replace the filter every 3-6 months depending on usage.

5.2 Main Brush and Side Brush Cleaning

Remove the main brush and use the cleaning tool to cut and remove any tangled hair or debris. Clean the side brushes regularly and replace them if they are worn or damaged.

5.3 Mop Pad Cleaning

Remove and wash the mop pad after each mopping session. Allow it to air dry completely before reattaching.

5.4 Sensor Cleaning

Wipe the cliff sensors, wall sensors, and charging contacts with a clean, dry cloth periodically to ensure proper operation and prevent falls.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not turn on.	Low battery; Power button not pressed.	Place robot on charging dock; Press and hold power button.
Robot cannot find charging dock.	Dock is obstructed; Dock is unplugged.	Clear area around dock; Ensure dock is plugged in.
Poor cleaning performance.	Dustbin full; Brushes tangled; Filter clogged.	Empty dustbin; Clean brushes; Clean/replace filter.
Robot gets stuck frequently.	Obstacles on floor; Cliff sensors dirty.	Clear obstacles; Clean sensors.
App connection issues.	Incorrect Wi-Fi password; Not 2.4GHz network.	Verify password; Ensure 2.4GHz network is used.

7. SPECIFICATIONS

Feature	Detail
Brand	BPMIO
Model Number	B20
Color	Light Black
Dimensions (L x W x H)	32.49 x 32.49 x 9.68 cm (12.79 x 12.79 x 3.81 inches)
Weight	3.3 kg (7.28 lbs)
Water Tank Capacity	260 Milliliters
Voltage	14.4 Volts
Noise Level	55 dB
Max Suction Power	5500 Pa
Battery Life	Up to 120 minutes
Filter Type	HEPA
Navigation Type	LIDAR
Control Type	App Control

Feature	Detail
Surface Recommendation	All Floors
Special Features	Anti-fall, Auto Boost Suction, Recharge & Resume, Multi-map support, No-Go Zones

8. WARRANTY AND SUPPORT

Information regarding specific warranty terms for the BPMIO B20 is not available in the provided product details. For warranty claims, technical support, or inquiries about spare parts, please contact BPMIO customer service directly through their official website or the contact information provided with your purchase documentation.

Please note that information on spare parts availability was not provided in the product details.