Bagotte BL20

Bagotte BL20 Robot Vacuum and Mop Combo User Manual

Model: BL20 (FBA-1-BL20-US)

1. INTRODUCTION

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your Bagotte BL20 Robot Vacuum and Mop Combo. Please read this manual thoroughly before using the product and retain it for future reference.

The Bagotte BL20 is an advanced cleaning device featuring LiDAR navigation, 4000Pa suction power, and a 3-in-1 sweep, vacuum, and mop function. It is designed to efficiently clean various floor types, including hard floors and carpets, and can be controlled via a mobile application or voice commands.

Image 1.1: The Bagotte BL20 Robot Vacuum and Mop Combo, showcasing its sleek design and included mop attachment.

2. SAFETY INSTRUCTIONS

To reduce the risk of injury or damage, read these safety instructions carefully before setting up, using, and maintaining your robot. Keep this manual in a safe place 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 should be supervised to ensure they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Ensure the robot is placed on a stable, level surface.
- Do not use the robot in wet environments or near water.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.

- Do not pick up large or sharp objects, liquids, or burning/smoking materials.
- Use only the manufacturer-specified power adapter and charging dock.

3. PACKAGE CONTENTS

Verify that all components are present and in good condition upon unpacking.

- Bagotte BL20 Robot Vacuum and Mop
- Charging Dock
- Power Adapter
- Side Brushes (2 pairs)
- Main Brush (pre-installed)
- Dustbin (pre-installed)
- Water Tank with Mop Pad (pre-installed)
- High-Efficiency Filter (pre-installed, plus 1 spare)
- Cleaning Tool
- User Manual

4. PRODUCT OVERVIEW

4.1 Robot Components

- **Top Panel:** Power Button, Home Button, Wi-Fi Indicator, LiDAR Sensor.
- **Front Bumper:** Obstacle detection.
- **Side Brushes:** Sweep debris into the main brush path.
- **Main Brush:** Collects dirt and debris.
- **Driving Wheels:** Allow movement across various surfaces.
- **Charging Contacts:** For automatic charging at the dock.
- **Dustbin/Water Tank:** Integrated unit for dry and wet cleaning.
- **Cliff Sensors:** Prevent the robot from falling down stairs.
- **Wall Sensor:** Helps the robot clean along walls.

Image 4.1: The Bagotte BL20 utilizing its LiDAR navigation system to map and clean a room.

4.2 Charging Dock

The charging dock provides power to recharge the robot's battery. Ensure it is placed against a wall with sufficient clear space around it (at least 0.5m on both sides and 1.5m in front) for the robot to easily dock.

5. SETUP

5.1 Preparing for First Use

1. Remove all protective films and stickers from the robot and charging dock.
2. Install the side brushes by pressing them onto the posts until they click into place.
3. Place the charging dock on a hard, level surface against a wall. Connect the power adapter to the dock and plug it into a power outlet.
4. Ensure there are no obstacles within 0.5 meters to the left and right of the charging dock, and 1.5 meters in front of it.

5.2 Charging the Robot

For optimal performance, fully charge the robot before its first use. You can place the robot directly onto the charging dock, aligning its charging contacts with those on the dock. The robot will automatically return to the dock when its battery is low.

5.3 App Installation and Wi-Fi Connection

1. Download the Bagotte app from the App Store (iOS) or Google Play Store (Android).
2. Register an account and log in.
3. Follow the in-app instructions to add your BL20 robot. Ensure your smartphone is connected to a **2.4GHz Wi-Fi network**, as the robot does not support 5GHz Wi-Fi.
4. Once connected, the robot's Wi-Fi indicator will glow solid blue.
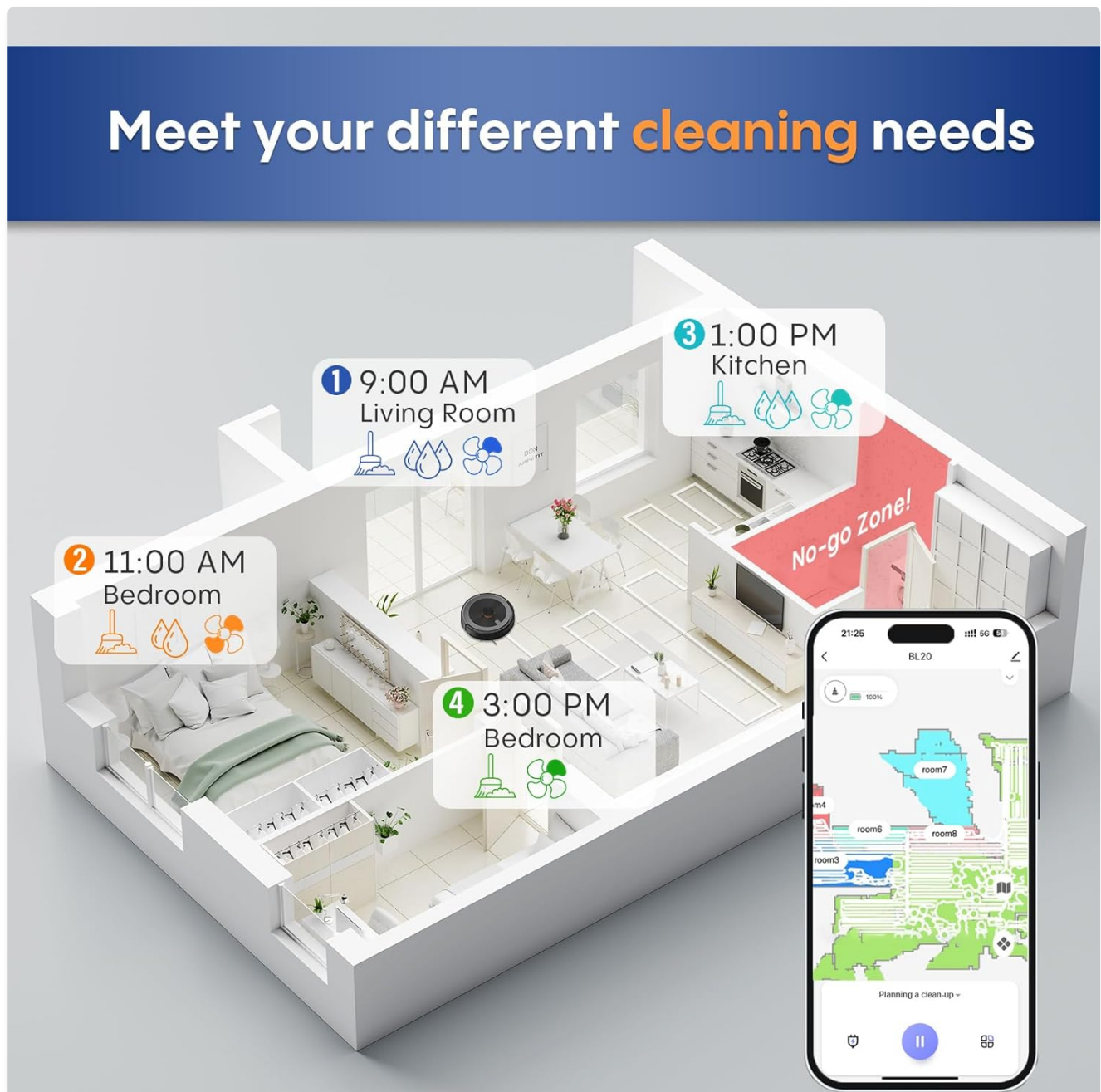

Image 5.1: The Bagotte mobile application interface for controlling the robot vacuum.

6. OPERATING INSTRUCTIONS

6.1 Starting and Pausing Cleaning

- **Start:** Press the Power button on the robot or tap 'Start' in the app.
- **Pause:** Press the Power button again or tap 'Pause' in the app.
- **Return to Dock:** Press the Home button on the robot or tap 'Recharge' in the app.

6.2 Cleaning Modes

The Bagotte BL20 offers multiple cleaning modes, configurable via the app:

- **Auto Cleaning:** The robot intelligently cleans the entire area.
- **Spot Cleaning:** Cleans a specific area more intensely.
- **Edge Cleaning:** Cleans along walls and furniture edges.
- **Scheduled Cleaning:** Set specific times for cleaning.
- **Vacuum Only:** For dry debris collection.
- **Mop Only:** For wet cleaning (ensure water tank is filled).
- **Vacuum & Mop:** Simultaneous dry and wet cleaning.

3-in-1 Sweep, Vacuum and Mop

3 Gears

250 ml water

300 ml dust

6.3 Smart Mapping and Navigation

The BL20 uses LiDAR technology for 360° precision mapping, allowing it to create an accurate map of your home and plan efficient cleaning routes. This improves cleaning efficiency and coverage.

Image 6.2: Illustration of the robot's smart mapping feature and how to set no-go zones via the app.

6.4 App Control Features

The Bagotte app provides comprehensive control over your robot:

- **Real-time Map:** View the robot's cleaning path and current location.
- **No-Go Zones:** Define areas the robot should avoid.
- **Zone Cleaning:** Select specific rooms or areas for cleaning.
- **Suction Power Adjustment:** Choose from multiple suction levels (e.g., Quiet, Standard, Max).
- **Water Volume Control:** Adjust water flow for mopping.
- **Cleaning History:** Review past cleaning sessions.

6.5 Voice Control

The Bagotte BL20 is compatible with Amazon Alexa and Google Assistant. Link your robot to your smart home system through the Bagotte app to enable voice commands for starting, stopping, or sending the robot back to its charging dock.

Image 6.3: Demonstrating voice control functionality with smart home devices like Amazon Alexa.

7. MAINTENANCE

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

7.1 Cleaning the Dustbin and Filter

1. Press the release button to remove the dustbin/water tank unit.
2. Open the dustbin lid and empty its contents into a trash bin.
3. Remove the high-efficiency filter and foam filter. Tap them gently to remove dust. Do not wash the high-efficiency filter with water.
4. Rinse the dustbin and foam filter with water. Ensure they are completely dry before reassembling.
5. Reinstall the filters and close the dustbin lid. Insert the unit back into the robot.

7.2 Cleaning the Main Brush

1. Turn the robot over. Pinch the tabs on the main brush cover to remove it.

2. Lift out the main brush.
3. Use the cleaning tool to remove hair and debris tangled around the brush and its bearings.
4. Reinsert the main brush and replace the cover, pressing until it clicks.

7.3 Cleaning the Side Brushes

Periodically check side brushes for damage or tangled hair. If damaged, replace them. Remove tangled hair using the cleaning tool or scissors.

7.4 Cleaning Sensors and Charging Contacts

Wipe all sensors (cliff sensors, wall sensor, LiDAR sensor window) and charging contacts on both the robot and the charging dock with a clean, dry cloth. This prevents navigation and charging issues.

7.5 Cleaning the Water Tank and Mop Pad

1. Remove the water tank from the robot.
2. Detach the mop pad and rinse it thoroughly with water. Allow it to air dry completely.
3. Empty any remaining water from the tank and rinse it. Allow it to air dry.
4. Reattach the dry mop pad and reinstall the water tank.

8. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Robot does not turn on	Low battery; Power button not pressed correctly.	Charge the robot; Press and hold the Power button for 3 seconds.
Robot cannot charge	Charging contacts are dirty; Charging dock is unplugged.	Clean charging contacts on robot and dock; Ensure dock is plugged in.
"Bumper stuck" error	Bumper is obstructed or jammed.	Gently tap the bumper to free it; Clear any debris around the bumper.
Robot gets stuck frequently	Too many obstacles; Robot is on a dark-colored carpet/surface.	Clear clutter; Use no-go zones for problematic areas; Cliff sensors may misinterpret dark surfaces as cliffs.
Poor cleaning performance	Dustbin full; Brushes tangled; Filter clogged.	Empty dustbin; Clean main and side brushes; Clean or replace filter.
Wi-Fi connection failure	Incorrect Wi-Fi password; Not connected to 2.4GHz network; Router too far.	Verify password; Connect to 2.4GHz Wi-Fi; Move robot closer to router.

9. SPECIFICATIONS

Feature	Detail
Brand	Bagotte

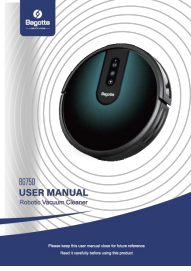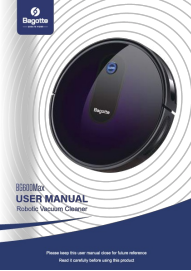| Feature	Detail
Model Name	BL20 (FBA-1-BL20-US)
Special Feature	LiDAR Navigation, 360-Degree Swivel
Color	Gray
Product Dimensions	12.1"L x 12.1"W x 3.39"H
Included Components	Robot, Charging Dock, Power Adapter, Side Brushes, Main Brush, Dustbin, Water Tank, Mop Pad, Filter, Cleaning Tool
Filter Type	HEPA
Battery Life	Up to 120 minutes
Power Source	Battery Powered (1 Lithium Ion battery included)
Control Method	App, Voice (Alexa, Google Assistant)
Compatible Devices	Smartphones
Form Factor	Round
Item Weight	8.84 pounds

10. WARRANTY AND SUPPORT

Bagotte offers a **two-year worry-free warranty** for the BL20 Robot Vacuum and Mop Combo. This warranty covers manufacturing defects and ensures peace of mind for your purchase.

For technical support, warranty claims, or any questions regarding your product, please contact Bagotte customer service. Dedicated customer service agents are available to provide assistance within 24 hours.

Please refer to the contact information provided on the official Bagotte website or your purchase documentation for the most up-to-date support channels.

Related Documents - BL20

[Bagotte BG600MAX Robot Vacuum Cleaner Owner's Manual](#)
Comprehensive owner's manual for the Bagotte BG600MAX Robot Vacuum Cleaner, covering important safety instructions, product features, operation, maintenance, troubleshooting, and specifications.

	[Bagotte BG750 Robotic Vacuum Cleaner User Manual](#) Comprehensive user manual for the Bagotte BG750 Robotic Vacuum Cleaner, covering setup, operation, maintenance, troubleshooting, and specifications. Learn how to use your BG750 for efficient and automated floor cleaning.
	[Bagotte BG750 Robotic Vacuum Cleaner User Manual](#) Comprehensive user manual for the Bagotte BG750 Robotic Vacuum Cleaner, covering safety instructions, setup, operation, maintenance, troubleshooting, and specifications. Learn how to set up, use, and care for your robot vacuum.
	[Bagotte BG950 Max Robotic Vacuum Cleaner Instruction Manual](#) Comprehensive instruction manual for the Bagotte BG950 Max Robotic Vacuum Cleaner, covering setup, operation, maintenance, troubleshooting, and specifications. Learn how to use your robot vacuum effectively and keep it in optimal condition.
	[Bagotte BG600Max Robotic Vacuum Cleaner User Manual](#) Comprehensive user manual for the Bagotte BG600Max Robotic Vacuum Cleaner, covering setup, operation, maintenance, troubleshooting, and specifications. Learn how to use and care for your robot vacuum for optimal performance.
	[Bagotte BG800 Robot Vacuum Cleaner Owner's Manual](#) This manual provides comprehensive instructions for the Bagotte BG800 Robot Vacuum Cleaner, covering setup, operation, maintenance, troubleshooting, and specifications. Learn how to use your robot effectively and keep it in optimal condition.