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Xiaomi Robot Vacuum 5 (BHR0834EU)

Xiaomi Robot Vacuum 5 User Manual

Model: Robot Vacuum 5 (BHR0834EU)

INTRODUCTION

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your Xiaomi Robot Vacuum 5. Please read this manual thoroughly before using the product and retain it for future reference.



Figure 1: Xiaomi Robot Vacuum 5 and its all-in-one self-cleaning base station.

IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before using the appliance.
- Do not allow children to operate the robot vacuum. Supervise children and pets when the robot vacuum is operating.
- Use only the manufacturer-recommended accessories and power adapter.
- Ensure the power voltage matches the voltage marked on the charging dock.
- Do not use the robot vacuum 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 hard or sharp objects, such as glass, nails, or screws.
- Do not use the robot vacuum to pick up flammable or combustible materials.
- Always turn off the robot vacuum and disconnect it from the power source before cleaning or maintenance.

PRODUCT OVERVIEW

The Xiaomi Robot Vacuum 5 is an advanced robotic cleaning device designed for efficient vacuuming and mopping. It features intelligent navigation, powerful suction, and an innovative self-cleaning base station.

Key Features:

- **DToF Smart Radar:** For precise navigation and mapping.
- **Extendable Mop and Side Brush:** Ensures thorough cleaning of edges and corners.
- **20000 Pascal Suction Power:** Effectively removes dirt, dust, and pet hair.
- **Smart Carpet Detection:** Automatically lifts mop pads by 15mm on carpets.
- **80°C Hot Water Mop Cleaning:** Hygienic cleaning of mop pads at the base station.
- **Hot Air Drying:** Mop pads dry within two hours to prevent odors.
- **Tangle-Free Brushes:** Main and side brushes designed to minimize hair tangles.
- **2.5-Liter Dust Bag:** Provides up to 75 days of use before emptying.
- **App and Voice Control:** Intuitive control via a dedicated app and compatibility with Google Assistant/Alexa.



Figure 2: Side view of the Xiaomi Robot Vacuum 5, highlighting its compact design.

SETUP

1. Unpacking and Placement:

1. Carefully remove all components from the packaging.
2. Place the all-in-one base station against a wall, ensuring there is at least 0.5 meters of clear space on both sides and

1.5 meters in front.

3. Connect the power adapter to the base station and plug it into a power outlet.
4. Ensure the robot vacuum is placed on the charging contacts of the base station to charge fully before first use.



Figure 3: The robot vacuum docking with its base station for charging and self-cleaning.

2. App Installation and Connection:

1. Download the official Xiaomi Home app from your smartphone's app store (iOS or Android).
2. Open the app and create an account or log in.
3. Tap '+' to add a new device and select the Xiaomi Robot Vacuum 5.
4. Follow the on-screen instructions to connect the robot vacuum to your home Wi-Fi network. This typically involves pressing and holding specific buttons on the robot to enter pairing mode.
5. Once connected, the robot will perform an initial scan of your home to create a map. This map is crucial for efficient

cleaning and allows for customization of cleaning zones and virtual walls.

OPERATING INSTRUCTIONS

1. Starting and Pausing Cleaning:

- **Via App:** Open the Xiaomi Home app, select your robot vacuum, and tap 'Start Cleaning'. You can also select specific rooms or zones to clean.
- **Via Robot Buttons:** Press the power button on the robot once to start a full cleaning cycle. Press again to pause.
- **Voice Control:** If integrated with Google Assistant or Alexa, use commands like "Hey Google, start cleaning with Robot Vacuum 5" or "Alexa, tell Robot Vacuum 5 to clean."



Figure 4: Top view of the robot vacuum, showing the lidar sensor and main control buttons.

2. Cleaning Modes:

The robot vacuum offers multiple cleaning modes accessible through the app:

- **Vacuum Only:** For dry debris removal.
- **Mop Only:** For wet cleaning without vacuuming.
- **Vacuum & Mop:** Simultaneous vacuuming and mopping.
- **Custom Cleaning:** Define specific areas or rooms for cleaning.

3. Advanced Features (via App):

- **Virtual Walls/No-Go Zones:** Draw lines or areas on the map to restrict the robot's access.
- **Scheduled Cleaning:** Set specific times for the robot to clean automatically.
- **Multi-Floor Mapping:** Store maps for different levels of your home.
- **Suction Power Adjustment:** Adjust vacuum power for different floor types or cleaning needs.
- **Water Flow Adjustment:** Control the water output for mopping.



Figure 5: Underside view of the robot, illustrating the main brush, side brush, and mop pads.

MAINTENANCE

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

1. Self-Cleaning Base Station:

- The base station automatically cleans the mop pads with 80°C hot water after each mopping session.
- It also dries the mop pads with hot air to prevent mildew and odors.
- Periodically check the clean and dirty water tanks in the base station and empty/refill as needed.

2. Dust Bag Replacement:

- The 2.5-liter dust bag in the base station can hold debris for up to 75 days.
- When the app indicates the dust bag is full, replace it with a new one.

3. Brushes and Filters:

- **Main Brush:** Remove the main brush cover and clean any tangled hair or debris using the cleaning tool provided. Replace every 6-12 months.
- **Side Brush:** Check for tangled hair or damage. Remove and clean if necessary. Replace every 3-6 months.
- **Filter:** Tap out dust from the filter after each cleaning. Wash the filter with water if necessary and allow it to air dry completely before reinserting. Replace every 3-6 months.

4. Sensors and Charging Contacts:

- Wipe all sensors (cliff sensors, wall sensors, lidar sensor) and charging contacts on both the robot and the base station with a clean, dry cloth.



Figure 6: Close-up of the robot's side brush and mop pad, designed for edge cleaning.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Robot does not turn on.	Low battery; not charged.	Place the robot on the charging dock and ensure it is charging.
Robot cannot connect to Wi-Fi.	Incorrect Wi-Fi password; router too far; 5GHz network.	Ensure correct password, move robot closer to router, connect to a 2.4GHz network.
Poor cleaning performance.	Full dust bag; clogged brushes/filter.	Empty/replace dust bag; clean main brush, side brush, and filter.
Robot gets stuck frequently.	Obstacles; dirty sensors.	Clear obstacles from the cleaning path; clean all sensors.
Mop pads are not cleaning effectively.	Dirty water tank full; clean water tank empty.	Empty dirty water tank and refill clean water tank in the base station.

For further assistance, please contact Xiaomi customer support.

SPECIFICATIONS

Feature	Detail
Brand	Xiaomi
Model Number	BHR0834EU
Model Name	Xiaomi Robot Vacuum 5
Color	White
Product Dimensions (L x W x H)	44.3 x 43.1 x 68.6 cm
Item Weight	5 Kilograms
Voltage	90 Volts
Operating Time	2 Hours (120 minutes battery life)
Automatic Shut-off	Yes
Compatible Devices	Smartphones
Controller Type	App Control
Surface Recommendation	Engineered Wood
Filter Type	Cartridge
Included Components	Water tank, Dust removal brush, Docking station
Special Features	Automatic dust extraction, LiDAR navigation, Program start, Schedule, Automatic dust collection, Restricted area, 360-degree rotary joint

WARRANTY AND SUPPORT

Your Xiaomi Robot Vacuum 5 comes with a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included in the product packaging or visit the official Xiaomi website.

For technical support, service, or spare parts, please contact Xiaomi customer service through their official website or the contact information provided in your product documentation. When contacting support, please have your model number (BHR0834EU) and purchase information ready.