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Xiaomi D109

Xiaomi Robot Vacuum X20 Max EU User Manual

Model: D109 / BHR9220EU

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your Xiaomi Robot Vacuum X20 Max EU. Please read this manual thoroughly before using the product and retain it for future reference.



Image: The Xiaomi Robot Vacuum X20 Max EU, showcasing the robot vacuum docked with its accompanying self-emptying and cleaning station.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the device.

- Do not allow children to operate the robot vacuum.
- Ensure the power cord is not damaged and is properly connected.
- Do not use the robot vacuum on wet surfaces or near water.
- Keep hair, loose clothing, fingers, and all body parts away from openings and moving parts.
- Only use the charging dock provided by the manufacturer.

3. PRODUCT COMPONENTS

The Xiaomi Robot Vacuum X20 Max EU package includes the following items:

- Robot Vacuum
- Self-emptying and Cleaning Dock
- Side Brush
- Mop Pad
- Charging Adapter
- User Manual



Image: Top-down view of the Xiaomi Robot Vacuum X20 Max EU, showing its circular design and main controls.

4. SETUP

4.1 Unpacking

Carefully remove all components from the packaging. Retain packaging materials for future transport or storage.

4.2 Charging Dock Placement

Place the charging dock against a wall in an open area, ensuring there are no obstacles within 1 meter to the sides and 1.5 meters in front. Connect the power adapter to the dock and plug it into a power outlet.

4.3 Initial Charging

Place the robot vacuum onto the charging dock. Ensure the charging contacts align. The robot will automatically power on and begin charging. For first use, fully charge the robot.

4.4 App Installation and Connection

Download the Xiaomi Home app from your device's app store. Follow the in-app instructions to add your Xiaomi Robot Vacuum X20 Max EU and connect it to your Wi-Fi network.

5. OPERATING INSTRUCTIONS

5.1 Starting a Cleaning Cycle

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

5.2 Pausing/Resuming

Press the power button once to pause cleaning. Press again to resume. Alternatively, use the app.

5.3 Returning to Dock

Press the home button on the robot or use the app to send the robot back to its charging dock.

5.4 Mopping Function

Attach the mop pad to the robot. Fill the water tank in the dock with clean water. The robot will automatically mop and clean its pads at the dock as needed.



Image: The robot vacuum demonstrating its intelligent mop lifting feature when transitioning from hard floor to carpet.

5.5 Advanced Features (via App)

- **Zone Cleaning:** Select specific areas to clean.
- **No-Go Zones:** Define areas the robot should avoid.
- **Scheduled Cleaning:** Set cleaning times and frequencies.
- **Suction Power Adjustment:** Control vacuum strength.
- **Water Level Adjustment:** Control mopping water output.

6. MAINTENANCE

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

6.1 Dustbin and Filter Cleaning

Empty the dustbin after each cleaning cycle. Clean the filter regularly by tapping out debris. Wash the filter with water if necessary and allow it to air dry completely before reinserting.

6.2 Main Brush Cleaning

Remove the main brush and cut away any tangled hair or debris using the cleaning tool provided. Reinstall the brush.

6.3 Side Brush Cleaning

Remove the side brush and clean off any hair or debris. If the brush is damaged, replace it.

6.4 Mop Pad Cleaning

Remove and wash the mop pads after each mopping session. Allow them to air dry completely.

6.5 Sensor Cleaning

Wipe all sensors (cliff sensors, wall sensor, charging contacts) with a clean, dry cloth regularly to ensure proper navigation.

6.6 Water Tanks (Dock)

Regularly empty and clean the dirty water tank. Refill the clean water tank as needed. Periodically clean the base of the dock where the mop pads are washed.



Image: The robot vacuum positioned at its dock, illustrating the automatic mop pad cleaning process.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Robot does not power on.	Low battery; not on charging dock.	Place robot on charging dock and ensure contacts are aligned.
Robot cannot find charging dock.	Dock is obstructed or moved.	Ensure dock is in an open area and not moved.
Poor cleaning performance.	Full dustbin; tangled brush; dirty filter.	Empty dustbin, clean main brush, clean/replace filter.
Mop pads not cleaning effectively.	Dirty mop pads; empty clean water tank; full dirty water tank.	Wash mop pads, refill clean water tank, empty dirty water tank.
Robot gets stuck frequently.	Obstacles; dirty sensors.	Clear obstacles from cleaning path. Clean all sensors.

8. SPECIFICATIONS

Feature	Detail
Brand	Xiaomi
Model Name	Xiaomi Robot Vacuum X20 Max EU
Model Number	D109 / BHR9220EU
Color	Black
Product Dimensions	42 x 34 x 56.3 cm (Robot + Dock); 8L x 9W x 8H cm (Robot only)
Capacity (Water Tank)	370 Milliliters
Voltage	230 Volts
Noise Level	60 dB
Battery Runtime	120 Minutes
Special Features	Obstacle Avoidance, Edge Cleaning, Smart Mop Lift, Pet Hair Pick Up, Precise Laser Mapping and Navigation
Compatible Models	Amazon Echo, Smartphones, Tablets, Google Home
Controller Type	Application
Included Components	Docking Station, User Manual, Side Brush, Mop Pad, Charging Adapter



Image: A clean top view of the Xiaomi Robot Vacuum X20 Max EU, showing its sleek design and minimal controls.

9. WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. For detailed warranty information, please refer to the warranty card included in the packaging or visit the official Xiaomi website. For technical support or service inquiries, please contact Xiaomi customer service.

Online Support: Visit [Xiaomi Global Support](#)

Return Policy: Refer to your purchase platform's return policy. For Amazon purchases, a 30-day return policy is typically available.