MOVA L600

MOVA L600 Robot Vacuum and Mop Instruction Manual

Model: L600

1. Product Overview

The MOVA L600 is an advanced 2-in-1 robot vacuum and mop designed to provide efficient and thorough cleaning for your home. Featuring Lidar navigation, smart mapping capabilities, and powerful 4000Pa suction, it intelligently navigates and cleans various floor types, including hard floors and carpets. Its integrated mopping function allows for simultaneous vacuuming and mopping, offering a comprehensive cleaning solution.



Image: Top-down view of the MOVA L600 Robot Vacuum and Mop, showcasing its sleek black design and Lidar navigation turret.

2. Safety Information

Please read all safety instructions carefully before using the MOVA L600. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not use the robot in wet environments or near water sources.
- Keep loose cables, curtains, and other objects that could entangle the robot clear from the cleaning path.
- Ensure children and pets are supervised when the robot is operating.
- Do not allow the robot to pick up large or sharp objects, liquids, or burning/smoking materials.
- Only use the original charging dock and power adapter provided with the device.
- Regularly clean the brushes and sensors to maintain optimal performance and prevent damage.

3. Product Components

The MOVA L600 package includes the following components:

- MOVA L600 Robot Vacuum and Mop
- Charging Dock
- Power Adapter
- Side Brush (clip-on)
- Combo Brush (main brush)
- Dustbin (570mL capacity) with Washable HEPA Filter
- Electronic Water Tank (270mL capacity)
- Mop Pad
- User Manual

4. Setup

4.1 Charging Dock Placement

Place the charging dock against a wall in an open area with at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (4.9 feet) in front. Ensure there are no obstacles that could block the robot's return to the dock.

4.2 Initial Charging

Connect the power adapter to the charging dock and plug it into a wall outlet. Place the MOVA L600 onto the charging dock. The indicator lights on the robot will illuminate, indicating it is charging. Allow the robot to fully charge before its first use (approximately 4-5 hours).

4.3 App Download and Connection

Download the "Xiaomi Home" app from your mobile device's app store. Follow the in-app instructions to add your MOVA L600. This process will guide you through connecting the robot to your home Wi-Fi network.



Image: A smartphone screen displaying the MOVA L600 in the Xiaomi Home app, with the robot vacuum positioned nearby.

4.4 Smart Mapping

Once connected, initiate a full cleaning cycle from the app. The robot will use its Lidar navigation system to scan and create a detailed map of your home. This map is essential for smart features like zone cleaning and virtual walls.



Image: An illustration showing the MOVA L600 creating a smart real-time map with optimized zigzag cleaning paths for different room areas.

5. Operating Instructions

5.1 Cleaning Modes

The MOVA L600 offers multiple cleaning modes to suit your needs:

- **Quiet:** Lowest suction, minimal noise.
- **Standard:** Balanced suction and noise.
- **Strong:** Increased suction for tougher dirt.
- **Turbo:** Maximum 4000Pa suction for deep cleaning.



Image: The MOVA L600 demonstrating its 4000Pa suction power by cleaning up colorful candies on a hard floor, highlighting its 4 levels of suction, large battery, and cleaning area.

5.2 Vacuuming and Mopping

The MOVA L600 can vacuum and mop simultaneously. To use the mopping function, fill the 270mL electronic water tank with clean water and attach the mop pad. You can control the water flow level (Low, Medium, High) via the app to suit different floor types and cleaning needs.



Image: A split image showing the MOVA L600's vacuuming capabilities on one side (with large dustbin) and mopping capabilities on the other (with large water reservoir), emphasizing its low noise operation.

5.3 Smart Navigation and Mapping Features

Leverage the advanced Lidar navigation and Simultaneous Localization and Mapping (SLAM) algorithm for efficient cleaning:

- **Lidar Navigation:** Allows the robot to accurately map your home and navigate in straight, efficient lines.
- **Virtual Wall/Restricted Area:** Set virtual boundaries in the app to prevent the robot from entering specific areas.
- **No-Go Zones:** Define areas where the robot should not vacuum or mop.
- **Selective Room Cleaning:** Choose specific rooms or zones on the map for targeted cleaning.
- **Map Saving:** The app can save one map level of your home. If moving the robot to a different floor, the map will need to be reset.
- **Recharge and Resume:** For larger homes, the robot will automatically return to its charging dock when the battery is low, recharge, and then resume cleaning from where it left off.



Image: The MOVA L600 robot vacuum operating in a living room, with blue light beams illustrating its Lidar navigation and advanced SLAM algorithm.

5.4 Voice Control

The MOVA L600 is compatible with Amazon Echo, allowing you to start and stop cleaning cycles using voice commands.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your MOVA L600.

6.1 Dustbin and Filter

- **Emptying:** Open the top cover of the robot and remove the 570mL dustbin. Empty its contents into a trash bin after each cleaning cycle.
- **Filter Cleaning:** The HEPA filter is washable. Remove it from the dustbin and rinse under running water. Allow it to air dry completely before reinserting. Do not use a brush or other tools to clean the filter.

6.2 Brushes

- **Main Brush:** Periodically remove the main brush (combo brush) from the bottom of the robot. Use the cleaning tool provided to cut and remove any tangled hair or debris. The detachable end caps make hair removal easier.

- **Side Brush:** The clip-on side brush can be removed for cleaning. Clear any tangled hair or debris.

6.3 Water Tank and Mop Pad

- **Water Tank:** After mopping, empty any remaining water from the 270mL electronic water tank. Rinse the tank with clean water.
- **Mop Pad:** Remove the mop pad after each use and wash it thoroughly. Allow it to air dry completely before reattaching.

6.4 Sensors

Wipe the cliff sensors (located on the bottom of the robot) and the Lidar sensor (on top) with a clean, dry cloth to ensure proper navigation and prevent falls.

7. Troubleshooting

If your MOVA L600 encounters an issue, refer to the following common solutions:

Problem	Possible Cause	Solution
Robot not charging	Charging contacts dirty; Dock not powered.	Clean charging contacts on robot and dock; Ensure dock is plugged in.
Robot gets stuck frequently	Loose cables, small objects, or tight spaces.	Clear obstacles; Use virtual walls/no-go zones in the app.
Poor cleaning performance	Full dustbin; Clogged filter/brushes; Low suction mode.	Empty dustbin; Clean filter/brushes; Select a higher suction mode (Strong/Turbo).
Mopping leaves streaks/doesn't clean	Dry mop pad; Empty water tank; Stubborn stains.	Wet mop pad; Refill water tank; Increase water flow; Multiple passes may be needed for dried stains.
"Please wipe obstacle sensor clean" error	Obstacle sensor is dirty or obstructed.	Carefully wipe all sensors with a clean, dry cloth.

For persistent issues not covered here, please refer to the official MOVA support channels.

8. Specifications

Feature	Detail
Brand	MOVA
Model	L600
Special Features	Smart Mapping, Automatic Dust Collection
Included Components	Brush
Filter Type	Disk (Washable HEPA)
Battery Life	110 minutes
Dustbin Capacity	0.57 Liters (570mL)

Feature	Detail
Water Tank Capacity	0.27 Liters (270mL)
Power Source	Battery Powered (3 Lithium Ion batteries included)
Control Method	Remote, Voice (Alexa, Xiaomi Home App)
Product Dimensions	16.73 x 15.31 x 17.09 inches
Item Weight	10.78 pounds
UPC	850023597243

9. Official Product Videos

Watch these official videos from MOVA for a visual guide on the L600's features and performance.

MOVA L600 Simply Clean Overview

Your browser does not support the video tag.

Video: This video provides a comprehensive overview of the MOVA L600's cleaning capabilities, including its laser mapping, efficient cleaning paths, strong suction, and 2-in-1 vacuum and mop function. It demonstrates how the robot navigates and cleans various areas of a home, highlighting its large battery capacity and dustbin.

10. Warranty and Support

The MOVA L600 comes with a 1-year limited warranty. For warranty claims, technical support, or any inquiries, please contact MOVA customer service through the contact information provided in your product packaging or on the official MOVA website.