

Mova P50 Pro Ultra

Mova P50 Pro Ultra Robot Vacuum and Mop Instruction Manual

Model: P50 Pro Ultra

INTRODUCTION

Welcome to the Mova P50 Pro Ultra Robot Vacuum and Mop. This device is designed to provide a comprehensive and automated cleaning experience for your home. It combines powerful vacuuming with intelligent mopping capabilities, featuring a self-maintaining dock for ultimate convenience.

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Mova P50 Pro Ultra. Please read it thoroughly before first use and keep it for future reference.

SETUP

1. Unpacking

Carefully remove all components from the packaging. Ensure all included items are present:

- Mova P50 Pro Ultra Robot Vacuum and Mop
- Docking Station
- Side Brush
- Power Cord
- Cleaning Tool
- User Manual (this document)

2. Docking Station Placement

Place the docking station on a hard, level surface against a wall. Ensure there is at least 1.5 feet (0.5 meters) of clear space on either side and 5 feet (1.5 meters) in front of the dock for optimal navigation. Plug the power cord into the docking station and a wall outlet.

3. Initial Charging

Place the robot onto the charging contacts of the docking station. The robot will automatically begin charging.

For first-time use, fully charge the robot (approximately 3.5 hours battery life) before operation.

4. App Installation and Connection

Download the Mova app from your smartphone's app store. Follow the in-app instructions to connect your Mova P50 Pro Ultra to your home Wi-Fi network. This will enable smart features, scheduling, and remote control.

OPERATING INSTRUCTIONS

1. Starting a Cleaning Cycle

You can start a cleaning cycle in several ways:

- **Via App:** Open the Mova app and tap 'Start Cleaning'.
- **On Robot:** Press the power button on the robot.
- **Voice Command:** Use compatible voice assistants like Alexa or Google Home (e.g., "Hey Google, start Mova cleaning").

2. Cleaning Modes

The Mova P50 Pro Ultra offers various cleaning modes, adjustable via the app:

- **Vacuum Only:** Ideal for carpets and dry debris.
- **Mop Only:** For hard floors requiring wet cleaning.
- **Vacuum & Mop:** Simultaneous vacuuming and mopping.
- **Customized Cleaning:** Define specific areas, no-go zones, and cleaning intensity.

3. Advanced Cleaning Features

- **19,000Pa Suction:** The robot provides powerful suction to effectively pick up dust, hair, and debris from various surfaces.
- **Anti-Tangle Brush:** The CleanChop brush is designed to prevent hair tangles, ensuring efficient hair capture and reducing manual cleaning of the brush.
- **Edge and Corner Cleaning:** The extendable side brush and mop allow the robot to reach into tight spots, corners, and along baseboards for thorough cleaning.
- **Removable & Lifiable Mop:** For carpeted areas, the mop pads can be automatically lifted or detached to prevent wetting carpets while vacuuming. This ensures advanced carpet care.
- **Intelligent Dirt Detection:** An RGB camera and intelligent sensors identify various types of debris (coffee spills, crumbs, beans) and adjust cleaning intensity accordingly.
- **3D Mapping & Navigation:** The upgraded detection and sensor systems generate detailed 4-level 3D maps of your home, allowing for seamless navigation and efficient route planning around obstacles.

Easier Access to Tight Spaces

Pick up debris and wipe stains with extendable side brush and mop pads

100%

Right-Angle Corner Coverage

0mm

Along the Edges



Image: The Mova P50 Pro Ultra showcasing its 19,000Pa suction power, effectively cleaning pet food, tiny dust particles, and hair strands from a floor.

Attack Messes with 19,000Pa Suction

Thoroughly capture hair, dust, and other large and small debris from hard floors, gaps, and carpets



Image: Top panel shows the robot with its brushes lifting 10mm for mopping. Bottom panel shows the robot detaching its mop for vacuuming, ensuring carpets remain dry.

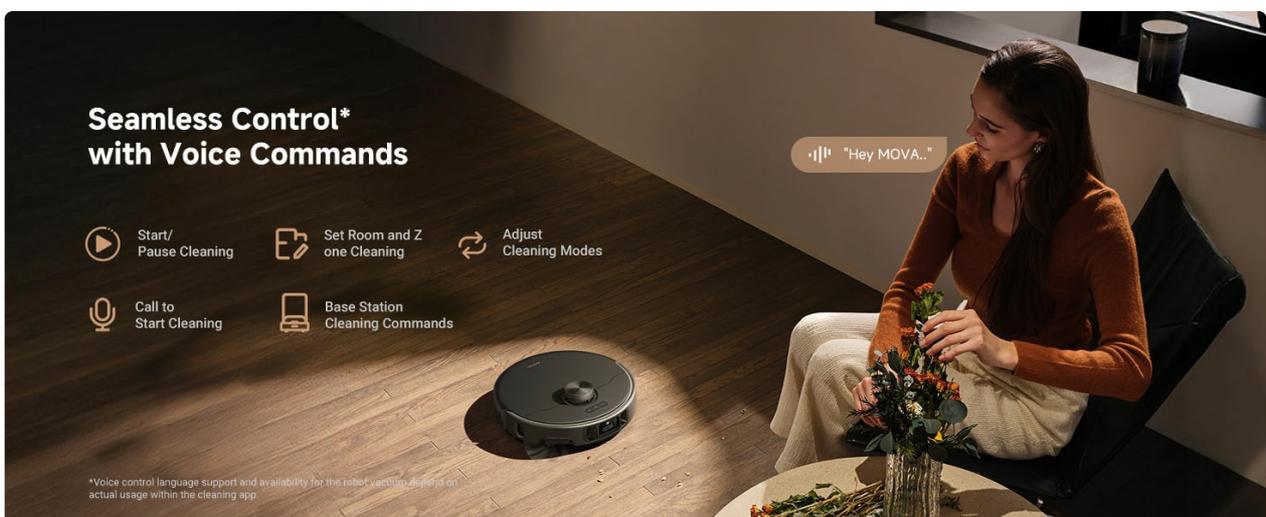


Image: The Mova P50 Pro Ultra with its mop lifting 10.5mm and side brush lifting 10mm, illustrating its tailored carpet care feature to prevent low-pile carpets from getting wet.

Talk to Stay Connected



Google Home | Alexa



Apple Watch

Image: The Mova P50 Pro Ultra adjusting moisture levels for mopping, showing different settings for wooden floors (low-level moisture) and bathroom tiles (high-level moisture).



Smooth Gliding Through Barriers

Create virtual thresholds in the cleaning app for smooth obstacle crossing and handy navigation through bathroom door thresholds and high-pile carpets, preventing accidental bumps.

22mm (0.87in) Set Virtual Barriers in the App



Image: A diagram illustrating the various sensors on the Mova P50 Pro Ultra, including Laser Distance Sensor, 3D Dual-Line Laser Sensor, Smart RGB Camera, Edge Sensor, and Carpet Sensor, enabling intuitive movement and navigation.



Large Particles Recognition

Pet Waste Gone in a Snap

Caring for furry friends is easier with handy app customization. P50 Pro Ultra detects pets and their belongings like cat litter and mats, boosting suction* for pet fur and tricky messes.

*Suction boost: When large particles are identified, suction power automatically adjusts to the highest Max+ level, impossible in Quiet Mode.

Image: The Mova P50 Pro Ultra operating in both bright daylight and dim night conditions, highlighting its ability to detect obstacles and clean effectively using its intelligent camera and structured light.

Check on Your Home Anytime

Keep an eye on your home while away with real-time remote video monitoring.



Image: A visual representation of the Mova app interface, displaying multi-level mapping capabilities and various cleaning controls such as room partition, no-go zones, and cleaning modes.

Mop Floors in Any Weather

Adjust the moisture level to wipe floors and eliminate spills in different climate zones, from dry to humid weather. Upgrade your cleaning experience with a floor cleaner solution for spotless results.



Image: The Mova P50 Pro Ultra detecting pet waste and other large particles, demonstrating its ability to boost suction power for pet fur and tricky messes.

Prolonged Dock's Freshness

Thanks to 20 spray nozzles, water is evenly distributed on mop pads with further washboard cleaning.



Central Filter Facilitates Used Water Removal



Image: A smartphone screen displaying the Mova app's remote video monitoring feature, allowing users to check on their home and interact with pets while away.



Save Time on Dust Emptying

Dust emptying has become more effortless, as the robot vacuum empties dust into the 3.2L dust bag in the dock when needed.



Up to **75 Days***
Hands-Free **3.2L**
Dust Bag

*75 days: Based on a calculation derived from environment testing in our in-house lab. Actual performance may vary depending on usage.

Image: A woman interacting with the Mova P50 Pro Ultra using voice commands, illustrating seamless control for starting/pausing cleaning, setting rooms, and adjusting modes.

Tackling Sticky Messes in Hard-to-Access Areas

P50 Pro Ultra scrubs off tough messes like ketchup spills or soda from gaps and floor crevices, reaching up to 4cm(1.57in) * deep.



Detailed Cleaning Around Chair Legs

*4cm(1.57in) : Based on a calculation derived from environment testing in our in-house lab. Actual performance may vary depending on usage.



Image: Displays the Mova P50 Pro Ultra's compatibility with Google Home, Alexa, and Apple Watch, enabling users to stay connected and control the device through various smart platforms.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Mova P50 Pro Ultra.

1. Self-Cleaning Dock

The docking station is designed for self-maintenance:

- **Auto Empty:** The dock automatically collects dust from the robot into a 3.2L dust bag, which can hold up to 75 days of debris.
- **Hot Water Mop Washing:** Mop pads are cleaned with 75°C (167°F) hot water, distributed by 20 spray nozzles, preventing odors and ensuring hygiene.
- **Mop Drying:** After washing, the mop pads are dried with 113°F hot air to prevent mildew and foul odors.
- **Auto Refill:** The dock automatically adds water and cleaning solution to the robot's tank.

When Mopping

Side Brush and Main Brush Lifting



When Vacuuming

Keep Carpets and Rugs Dry by Detachable Mop



Image: An illustration of the Mova P50 Pro Ultra's All-in-One Station, detailing its automated functions: 113°F Hot Air Mop Drying, Auto Water Tank Refilling, Intelligent Dirt Detection, 167°F Mop Washing, Auto Solution Adding, and Auto Dust Collection.



Stable Power, Continuous Cleaning

An ample battery enables uninterrupted cleaning on a single charge. When the battery level is insufficient, the robot vacuum returns to its dock and resumes cleaning. Set off-peak charging* in the cleaning app and save on energy costs.

 5,200mAh Battery Life

 Off-Peak Charging*

*Off-peak charging: Vary by region, please set and adjust according to local conditions.

Image: The Mova P50 Pro Ultra's docking station highlighting its automated post-cleaning features: Auto Dust Collection, 167°F Mop Washing, 113°F Hot Air Mop Drying, Auto Solution Adding, and Auto Water Tank Refilling for mopping.



Image: A close-up of the Mova P50 Pro Ultra's dock, showing the mop pads being cleaned by 20 spray nozzles with 167°F water, ensuring prolonged freshness.

High Visibility Day or Night

With the help of the intelligent camera and 3D structured light, P50 Pro Ultra detects multiple obstacles like shoes, toys, or chair legs and neatly cleans around them. Its built-in LED light enables collision-free cleaning in dim corners and dark rooms.



Image: The Mova P50 Pro Ultra's docking station with its 3.2L dust bag, illustrating the auto-emptying feature that saves time on dust disposal for up to 75 days.

2. Manual Cleaning (as needed)

- **Dust Bin:** Although the dock auto-empties, periodically check the robot's internal dust bin for any blockages or excess debris.
- **Main Brush:** Remove the main brush and use the provided cleaning tool to cut and remove any tangled hair or fibers.
- **Side Brushes:** Check side brushes for wear or damage. Replace if necessary.
- **Sensors:** Wipe all sensors on the robot and docking station with a clean, dry cloth to ensure accurate navigation.
- **Water Tanks:** Periodically clean the clean and dirty water tanks in the docking station.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Robot not charging	Charging contacts are dirty; Power cord not connected; Robot not properly docked.	Clean charging contacts on both robot and dock. Ensure power cord is securely plugged in. Re-dock the robot, ensuring proper alignment.
Robot gets stuck frequently	Too many obstacles; Dark surfaces; Sensors are dirty.	Clear obstacles from the cleaning path. Use the app to set 'No-Go Zones' or 'Virtual Walls'. Clean all sensors.
Poor cleaning performance	Dust bin full; Brushes tangled; Filter clogged; Mop pads dirty.	Empty dust bin. Clean main and side brushes. Clean or replace filter. Clean mop pads.
Mop leaves streaks	Mop pads dirty; Incorrect water level setting; Insufficient cleaning solution.	Clean mop pads thoroughly. Adjust water level in the app. Ensure sufficient cleaning solution in the tank.
App connection issues	Weak Wi-Fi signal; Incorrect Wi-Fi password; Router issues.	Ensure strong 2.4GHz Wi-Fi signal. Re-enter Wi-Fi password. Restart your router and try connecting again.

SPECIFICATIONS

- **Brand:** Mova
- **Model Name:** P50 Pro Ultra
- **Suction Power:** 19,000Pa
- **Mop Washing Temperature:** 167°F (75°C)
- **Mop Drying Temperature:** 113°F
- **Dock Dust Bag Capacity:** 3.2 Liters (up to 75 days)
- **Battery Life:** 3.5 Hours
- **Voltage:** 20 Volts
- **Water Tank Capacity:** 300 Milliliters
- **Filter Type:** Cartridge
- **Control Method:** App, Voice (Alexa, Google Home)
- **Product Dimensions:** 20"L x 21"W x 24"H
- **Item Weight:** 28.9 pounds
- **Included Components:** Docking Station, Side Brush
- **Surface Recommendation:** Hard Floor, Carpet, Marble, Wood, Tile

WARRANTY

Mova offers a comprehensive warranty for the P50 Pro Ultra. Please refer to the official Mova website or your purchase documentation for the most up-to-date warranty terms and conditions. Typically, Mova products come with a 3-year warranty for reliable quality.



Image: A Mova robot vacuum and mop with a '3-Year Warranty' badge, indicating reliable quality.

SUPPORT

For further assistance, technical support, or to purchase replacement parts, please contact Mova customer service through the following channels:

- **Mova Official Website:** Visit the [Mova Store on Amazon](#) for product information and support resources.
- **In-App Support:** The Mova app provides integrated cleaning controls, scheduling, and potentially direct support options.
- **Voice Assistant Integration:** Control your Mova P50 Pro Ultra using Alexa or Google Home.

Mova is committed to providing a 24/7 rapid responding service team and a 30-day money-back service.



Image: Mova's Service Policy, highlighting 24/7 Rapid Responding Service Team, 30-Day Money Back Service, and up to 36-Month Warranty.

PRODUCT VIDEOS

Let This Robot Vacuum Clean Your Home And Empty Itself

Your browser does not support the video tag.

Video: A short demonstration highlighting the Mova P50 Pro Ultra's self-cleaning and auto-emptying capabilities, showcasing its convenience for home maintenance.

The Only Foldable Mop Test of the MOVA

Your browser does not support the video tag.

Video: A detailed test of the Mova P50 Pro Ultra's unique foldable mop system, demonstrating its effectiveness in various cleaning scenarios and its ability to handle different types of messes.