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> MOVA P70 Pro Ultra Robot Vacuum and Mop Instruction Manual

Mova P70 Pro Ultra

MOVA P70 Pro Ultra Robot Vacuum and Mop Instruction Manual

Model: P70 Pro Ultra

INTRODUCTION

Thank you for choosing the MOVA P70 Pro Ultra Robot Vacuum and Mop. This advanced cleaning device is designed to provide efficient and thorough cleaning for various floor types, combining powerful vacuuming with effective mopping capabilities. This manual will guide you through the setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. Please read these instructions carefully before use and retain them for future reference.

SAFETY INFORMATION

To reduce the risk of injury or damage, read and follow all safety precautions. This device is for indoor household use only. Do not use it outdoors or on commercial surfaces.

- Ensure the power voltage matches the rating label on the charging base.
- Do not operate the robot near open flames or flammable materials.
- Keep hair, loose clothing, fingers, and all body parts away from openings and moving parts.
- Do not allow children to operate the robot. Supervise children and pets when the robot is operating.
- Do not use the robot to pick up large objects, sharp objects, or liquids.
- Always disconnect the robot from the power supply before cleaning or maintenance.
- Use only manufacturer-specified attachments and cleaning solutions.
- Store the robot and charging base in a cool, dry place.

WHAT'S IN THE BOX

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



Robot Vacuum x1



Base Station x1



Mop Pads x2
(pre-installed)



Mop Pad
Holders x2



Dust Box x1
(pre-installed, including
dust box filter)



Cleaning
Solution x1



Main Brush x1
(pre-installed)



Base Station Ramp
Extension x1



Dust Bag x1



User Manual x1



Auto Solution
Dispenser Module - Single
Compartment x1 (pre-installed)



Washboard
Filter x1
(pre-installed)



Side Brush x1
(pre-installed)



Quick Start
Guide x1

What's in the Box

Image: A visual representation of all items included in the MOVA P70 Pro Ultra package. This includes the robot vacuum, base station, two mop pads, two mop pad holders, one main brush (pre-installed), one base station ramp extension, one dust box (pre-installed with filter), one bottle of cleaning solution, one dust bag, one user manual, one side brush, and one quick start guide.

- Robot Vacuum (x1)
- Base Station (x1)
- Mop Pads (x2, pre-installed)
- Mop Pad Holders (x2)
- Main Brush (x1, pre-installed)
- Base Station Ramp Extension (x1)
- Dust Box (x1, pre-installed, including dust box filter)
- Cleaning Solution (x1)
- Dust Bag (x1)
- User Manual (x1)
- Side Brush (x1)
- Quick Start Guide (x1)
- Auto Solution Dispenser Module - Single Compartment (x1, pre-installed)
- Washboard Filter (x1, pre-installed)

SETUP

1. Unpacking and Preparation

1. Remove all packaging materials and protective films from the robot and base station.
2. Ensure the main brush, side brush, and mop pads are correctly installed.

2. Base Station Placement

Place the base station on a hard, level surface against a wall. Ensure there is:

- At least 0.5 meters (1.6 feet) of clear space on both sides.
- At least 1.5 meters (4.9 feet) of clear space in front.
- No direct sunlight or obstacles blocking the signal.

Connect the power cord to the base station and plug it into a wall outlet. Ensure the base station is powered on.

3. Initial Charging

Place the robot onto the charging contacts of the base station. The robot will automatically align and begin charging. For first-time use, fully charge the robot before operation (approximately 6 hours).

4. App Installation and Connection

1. Download the MOVA app from your device's app store (iOS or Android).
2. Create an account and log in.
3. Follow the in-app instructions to add your MOVA P70 Pro Ultra robot. This typically involves connecting to the robot's Wi-Fi hotspot and then connecting the robot to your home Wi-Fi network.

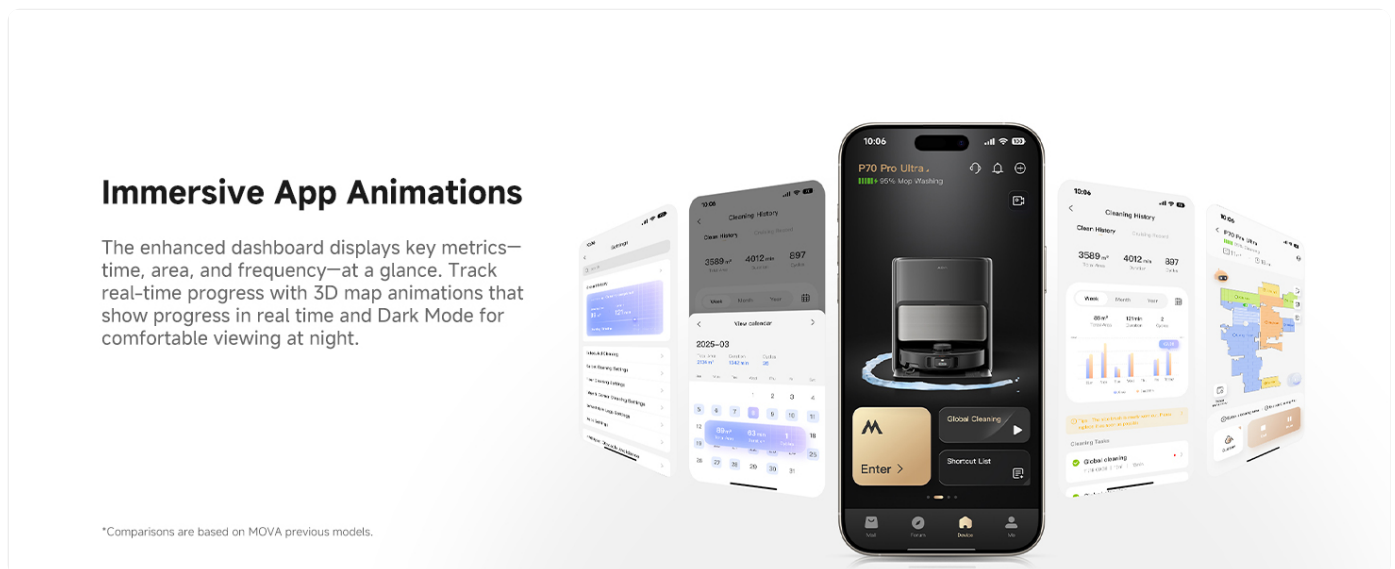


Image: The MOVA app interface on a smartphone, showing various cleaning metrics, scheduling options, and real-time progress with 3D map animations.

5. Initial Mapping

Once connected, initiate a mapping run through the app. The robot will navigate your home to create a detailed map, which is essential for efficient cleaning and advanced features like zone cleaning and obstacle avoidance.

OPERATING INSTRUCTIONS

1. Cleaning Modes

The MOVA P70 Pro Ultra offers several cleaning modes, selectable via the app:

- **Vacuum Only:** For dry debris removal.
- **Mop Only:** For wet cleaning with the mop pads.
- **Vacuum & Mop:** Simultaneous vacuuming and mopping. The robot can automatically lift mop pads on carpets.
- **Spot Cleaning:** Cleans a specific small area intensively.
- **Zone Cleaning:** Cleans user-defined areas on the map.

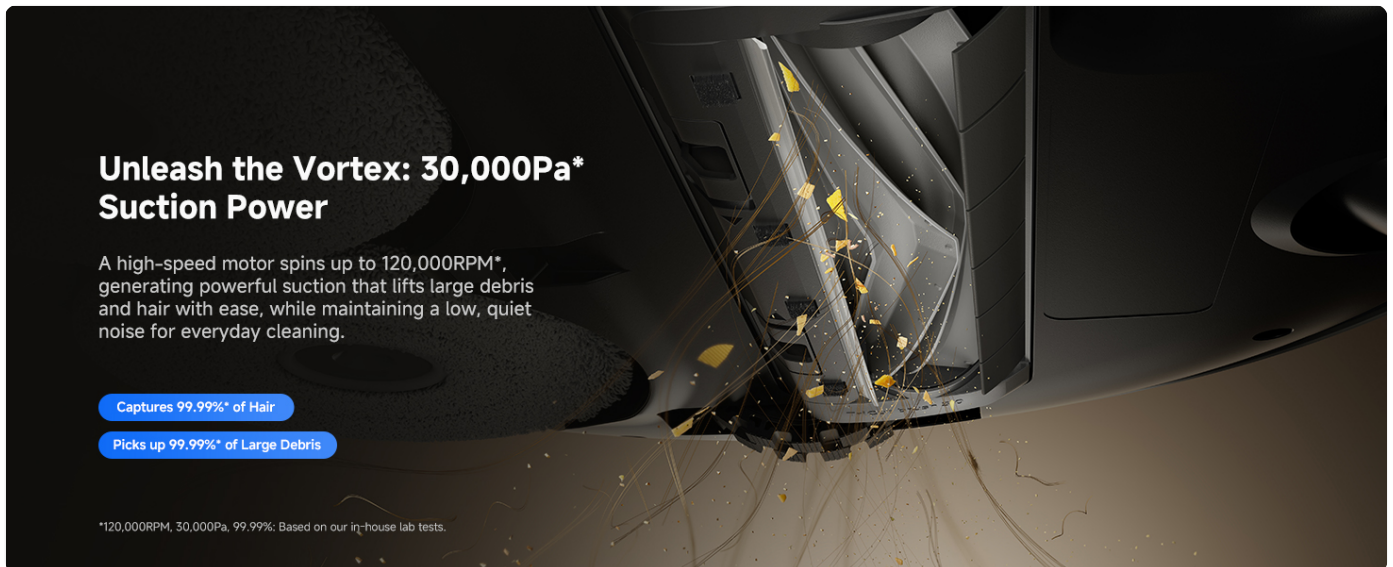


Image: The robot vacuum demonstrating its 30,000Pa suction power, effectively capturing hair and large debris.



Image: The TurboPress mop pad system applying 12N of downward pressure for effective stain removal.

2. Scheduling

Set up cleaning schedules through the MOVA app. You can specify cleaning times, days, and modes for automated cleaning routines.

3. Smart Features

- **AI Obstacle Avoidance:** The robot uses AI recognition to identify over 280 object types, adapting its cleaning path to avoid obstacles. You can customize object recognition and safe distances via the app.
- **MaxiReach Edge & Corner Cleaning:** The flexible side brush and RoboSwing mop extension ensure up to 100% coverage

in edges, corners, and under furniture.

- **AI Carpet Detection & Floor Protection:** An ultrasonic sensor detects carpets. You can configure the robot to lift mops, avoid carpets, or boost suction power for deeper carpet cleaning.

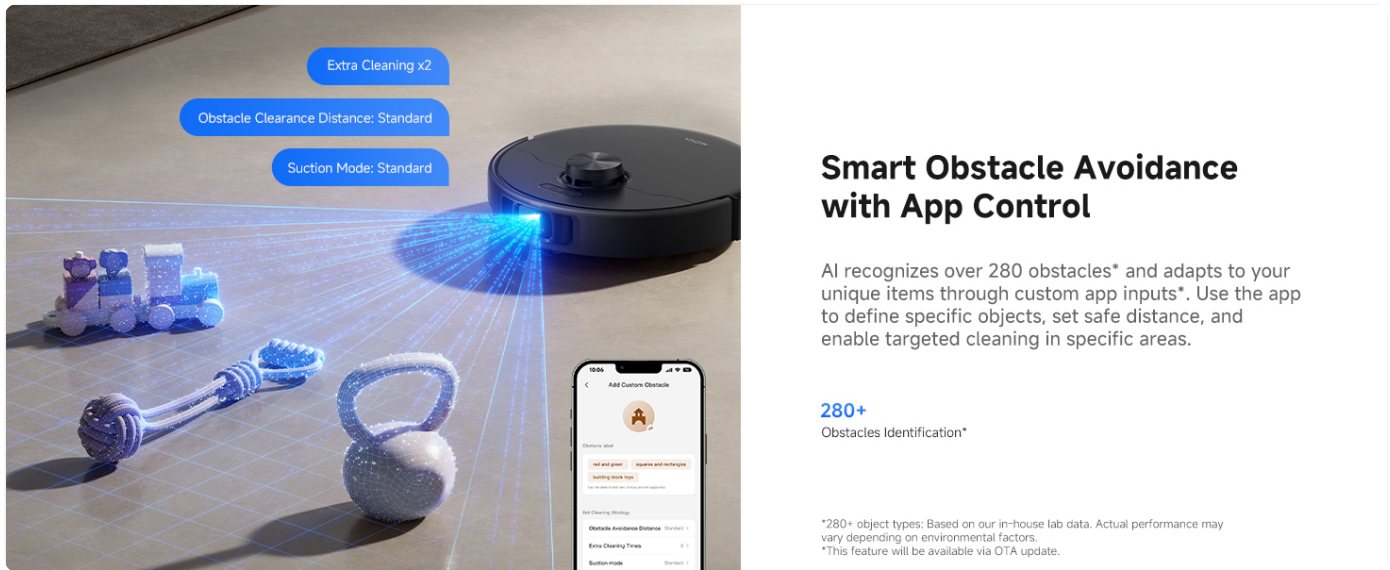


Image: The robot vacuum demonstrating smart obstacle avoidance using AI vision, navigating around various household items. The accompanying app interface shows customization options for obstacle recognition.

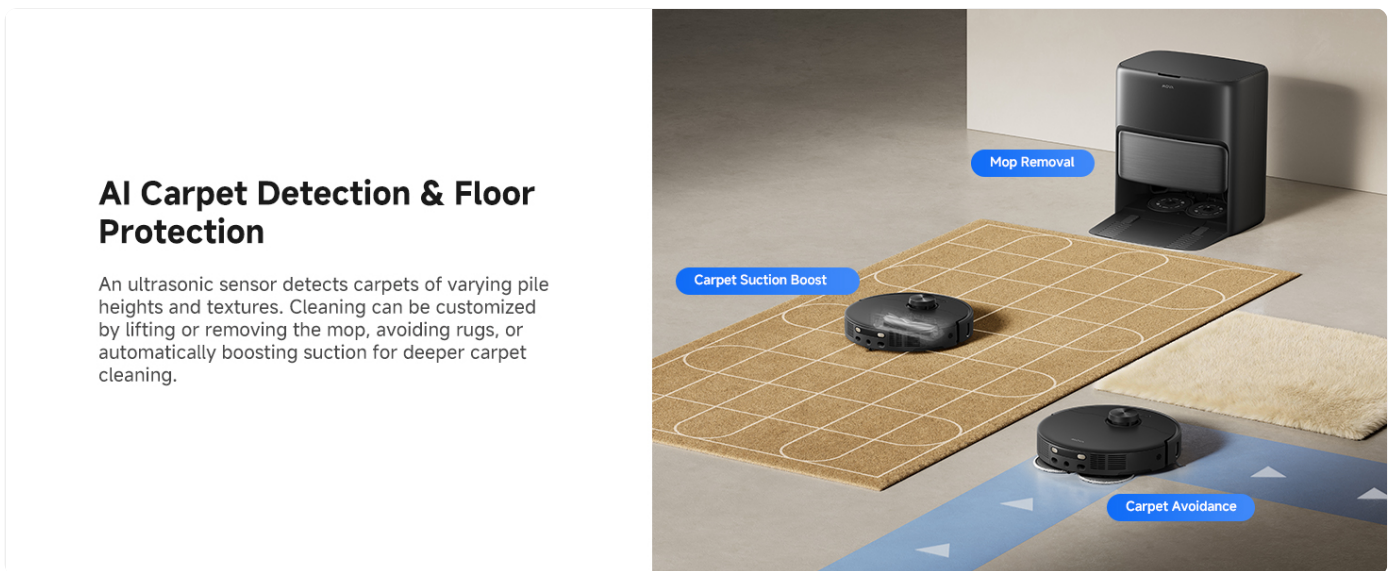


Image: The robot vacuum showcasing its AI carpet detection and floor protection features, including automatic mop lifting, suction boost on carpets, and carpet avoidance.

MAINTENANCE

Regular maintenance ensures the optimal performance and longevity of your MOVA P70 Pro Ultra. Always power off the robot and disconnect the base station before performing any maintenance.

1. Dust Box and Filter

- **Emptying:** The base station automatically empties the dust box. Check the dust bag in the base station and replace it when full.
- **Cleaning:** Periodically remove the dust box from the robot and clean it with a dry cloth. The filter can be gently tapped to remove dust; do not wash the HEPA filter with water.

2. Mop Pads

- **Automatic Washing:** The base station features a 100°C (212°F) hot water mop washing system. This cleans the mop pads after each cleaning cycle.
- **Drying:** After washing, the base station uses 70°C hot air for 1-hour auto-mop drying to prevent odors and mildew.
- **Replacement:** Replace mop pads every 1-3 months, depending on usage.



Image: The base station's internal structure, highlighting the automatic solution refilling, debris emptying, mop washing, and 70°C hot air drying system for hands-free maintenance.

3. Brushes

- **Main Brush:** Remove the main brush cover and clean any tangled hair or debris. Use the cleaning tool provided. Replace every 6-12 months.
- **Side Brush:** Remove the side brush and clean any tangled hair. Replace every 3-6 months.



*CleanChop™ Brush sold separately.

Zero Hair Tangling with Triple Anti-Tangle System

Image: The underside of the MOVA P70 Pro Ultra, illustrating the main brush, flexible side brush, and rotating mop pads, part of the Triple Anti-Tangle system.

4. Sensors and Charging Contacts

Wipe all sensors (cliff sensors, wall sensors, obstacle avoidance sensors) and charging contacts on both the robot and base station with a clean, dry cloth monthly.

5. Water Tanks (Base Station)

Regularly empty and clean the dirty water tank. Refill the clean water tank with fresh water and MOVA cleaning solution as needed.

TROUBLESHOOTING

If you encounter issues with your MOVA P70 Pro Ultra, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not turn on.	Low battery; power switch off.	Charge the robot; ensure power switch is on.
Robot cannot charge.	Charging contacts dirty; base station not powered.	Clean charging contacts; ensure base station is plugged in and powered.
Poor cleaning performance.	Dust box full; brushes tangled; filter clogged.	Empty dust box; clean/replace brushes; clean/replace filter.
Robot gets stuck frequently.	Obstacles in path; sensors dirty.	Clear obstacles; clean sensors.
Mop pads not cleaning effectively.	Mop pads dirty/worn; water tank empty.	Ensure mop pads are clean or replaced; refill clean water tank.
App connection issues.	Incorrect Wi-Fi password; robot out of Wi-Fi range.	Verify Wi-Fi credentials; move robot closer to router; restart robot and router.

For further assistance, please contact MOVA customer support.

SPECIFICATIONS

Feature	Detail
Brand	Mova
Model Name	Mova P70 Pro Ultra
Suction Power	30000Pa
Mop Motor Speed	Up to 260RPM
Mopping Pressure	12N Downward Pressure
Hot Water Mop Washing	Up to 100°C (212°F) PTC System
Mop Drying	70°C Hot Air, 1-Hour Auto Drying
Obstacle Avoidance	AI recognition (280+ object types)
Edge & Corner Cleaning	MaxiReach Brush & RoboSwing Mop (extends up to 4cm)
Battery Life	198 minutes
Battery Type	Lithium Ion
Control Method	App Control
Product Dimensions (L x W x H)	46L x 54W x 48H Centimetres
Item Weight	13.61 kg

Feature	Detail
Recommended Surfaces	Hard Floor, Carpet, Marble, Wood, Tile

WARRANTY AND SUPPORT

Warranty Information

The MOVA P70 Pro Ultra comes with a **3-Year Manufacturer Warranty**. This warranty covers manufacturing defects and ensures reliable quality. For detailed terms, conditions, and exclusions, please refer to the official MOVA website or the warranty card included in your package.

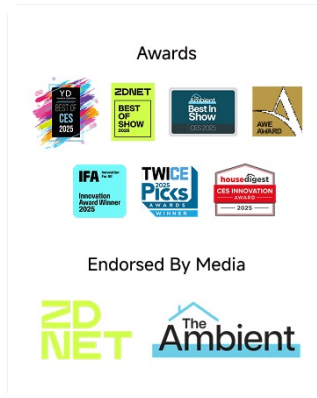


Image: A graphic indicating the MOVA 3-Year Warranty for reliable quality.

Customer Support

For technical support, service inquiries, or replacement parts, please contact MOVA customer service:

- **Phone:** +1 (866) 977-5177
- **Manufacturer:** Moonstone Technology (Shaoxing) Co., Ltd.
- **Address:** Room 301, 3rd Floor, Building 2, No. 99 Chuangxing Road, Sunduan Street, Yuecheng District, Shaoxing City, Zhejiang Province, P.R. China

You can also visit the official MOVA website for FAQs and additional resources.

