

[Manuals.plus](#) /

> [Lefant](#) /

> Lefant M5 Pro LiDAR Robot Vacuum and Mop Instruction Manual

Lefant M5 Pro

Lefant M5 Pro LiDAR Robot Vacuum and Mop Instruction Manual

Model: M5 Pro

1. INTRODUCTION

Thank you for choosing the Lefant M5 Pro LiDAR Robot Vacuum and Mop. This advanced cleaning device combines powerful vacuuming with efficient mopping, featuring 18000Pa suction, PSD 2.0 Smart Obstacle Avoidance, and a fully automated base station for self-emptying, auto mop washing, drying, and refilling. This manual provides essential information for setting up, operating, and maintaining your robot vacuum to ensure optimal performance and longevity.

2. WHAT'S IN THE BOX

Upon unboxing your Lefant M5 Pro, please verify that all components are present:

- Lefant M5 Pro Robot Vacuum
- All-in-One Base Station
- Clean Water Tank (pre-installed in base station)
- Dirty Water Tank (pre-installed in base station)
- Dust Bag (pre-installed in base station)
- Power Cable
- Quick Start Guide
- User Manual
- Side Brushes (2, one spare)
- HEPA Filter (1 spare)
- Floor Cleaning Solution
- Roller Mop (1 spare)

Video: Unboxing and initial setup of the Lefant M5 Pro. This video demonstrates the contents of the package and how to prepare the device for first use.

3. SETUP

3.1 Base Station Placement

Place the All-in-One Base Station against a wall in an open area, ensuring there are no obstacles within 1.5 meters (5 feet) in front and 0.5 meters (1.6 feet) on either side. Connect the power cable to the base station and plug it into a power outlet. Ensure the power cable is neatly organized to prevent entanglement.

3.2 Robot Preparation

- Remove all protective films from the robot and base station.
- Install the side brushes by clipping them into their designated slots on the underside of the robot.
- Fill the clean water tank in the base station with fresh water.
- Add the floor cleaning solution to the designated compartment in the base station, ensuring not to exceed the indicated fill line.
- Place the robot onto the base station to begin charging.

3.3 App Connection

To unlock the full potential of your Lefant M5 Pro, connect it to the Lefant app:

1. Download the **Lefant App** from your mobile app store (available for iOS and Android).
2. Ensure your phone is connected to a 2.4G/5G WiFi network.
3. Open the Lefant App and create an account or log in.
4. Tap "Add Device" or the "+" icon to add your M5 Pro robot.
5. Follow the in-app instructions to put the robot into pairing mode (usually by pressing and holding the Start/Pause button for 6 seconds until you hear a voice prompt).
6. Select your Lefant M5 Pro from the scanned devices and confirm the connection.
7. Once connected, you can name your robot and access various settings.

Video: Step-by-step guide on connecting your Lefant M5 Pro Robot Vacuum Cleaner and Mop to the mobile application for smart control.

4. OPERATING INSTRUCTIONS

The Lefant M5 Pro offers intelligent and customizable cleaning through its advanced features and app control.

4.1 Cleaning Modes

- **Vacuum Mode:** Sweeps and vacuums only. Ideal for carpets or when mopping is not desired.
- **Mop Mode:** Mops only. Suitable for hard floors.
- **Vacuum & Mop Mode:** Sweeps, vacuums, and mops simultaneously. Provides deep cleaning for various floor types.
- **Custom Mode:** Allows you to set specific cleaning preferences for different rooms, including suction power and water level.

4.2 Smart Navigation and Obstacle Avoidance

The M5 Pro utilizes 360° LiDAR Navigation for precise mapping and efficient route planning. Its PSD 2.0 obstacle avoidance system, with a 190° ultra-wide-angle detection, helps the robot recognize and bypass obstacles without blind spots, ensuring uninterrupted cleaning.

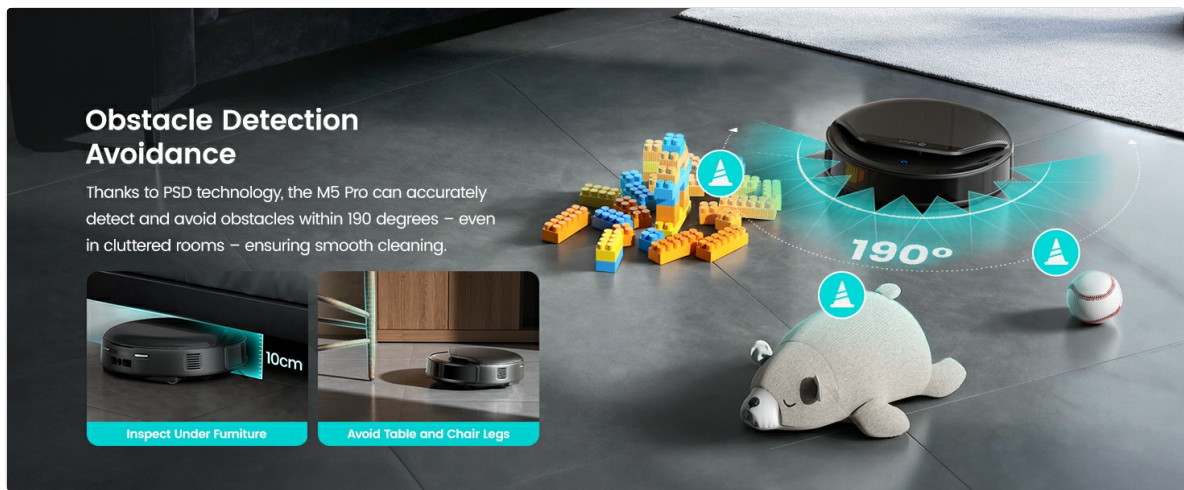


Image: The Lefant M5 Pro demonstrating its PSD 2.0 Smart Obstacle Avoidance system, navigating around various objects.

4.3 Carpet Detection

The robot automatically detects carpets. In Vacuum & Mop mode, it will increase suction and raise the roller mop by 0.3 inches (8mm) to prevent wetting the carpet while ensuring thorough vacuuming.

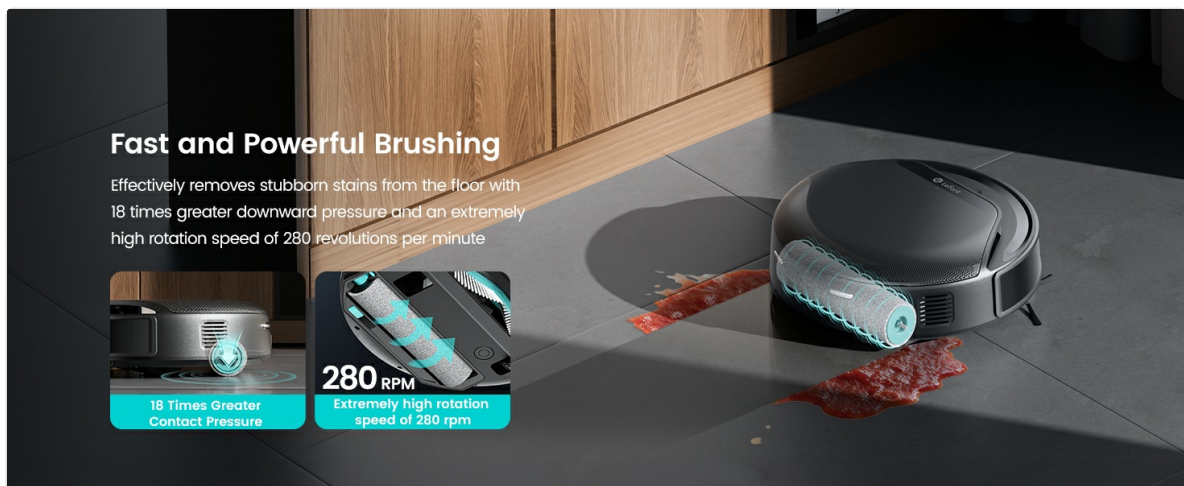


Image: The M5 Pro's strong roller mop and its ability to detect carpets, raising the mop for vacuum-only cleaning on rugs.

4.4 App Control & Voice Control

Use the Lefant app to:

- Schedule cleanings.
- Target specific rooms for cleaning.
- Set "No-Clean Zones" to restrict access to certain areas.
- Adjust suction and mopping levels.
- Monitor cleaning progress and battery level.

The robot also supports voice control via Alexa and Google Assistant for seamless integration into your smart home.

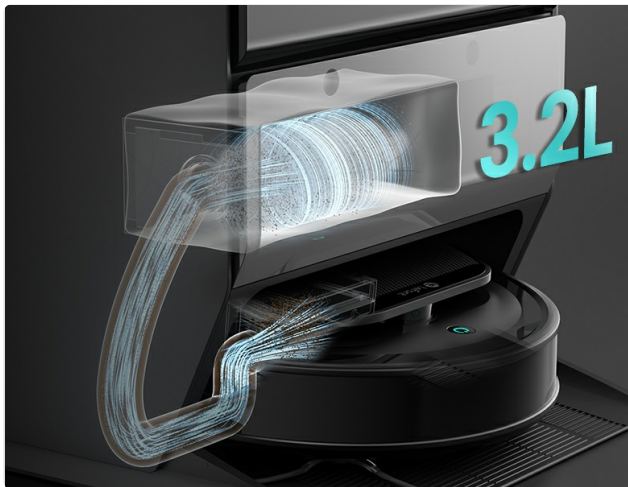
Video: A tutorial demonstrating the routine cleaning functions and app control for the M5 Pro Robotic Vacuum.

5. MAINTENANCE

Regular maintenance ensures your Lefant M5 Pro continues to operate efficiently.

5.1 Base Station Maintenance

- **Dust Bag:** The base station automatically empties the robot's dustbin into a 3.2L dust bag, which typically lasts up to 120 days. Replace the dust bag when full.
- **Water Tanks:** Regularly empty the dirty water tank and refill the clean water tank. The base station features automatic wastewater discharge and water replenishment.
- **Mop Washing & Drying:** The base station automatically cleans the roller mop with 167°F hot water and dries it with cold air to prevent odors and maintain hygiene.



High-Efficiency Filtration with Antibacterial Dust Removal

Antibacterial Airflow
120 Days Maintenance-Free

Up to **120** Days
Hands-Free

3.2 L
Dust Bag

Image: The All-in-One Base Station for the Lefant M5 Pro, highlighting its self-emptying and mop washing capabilities.

5.2 Robot Component Maintenance

- **Dustbin & Filter:** The robot's internal dustbin and filter should be cleaned periodically. The filter can be washed or replaced.
- **Roller Mop:** While the base station cleans the mop, inspect it regularly for wear or damage. Replace the roller mop as needed.
- **V-shaped Brush Roll & Side Brushes:** Check these brushes for tangled hair or debris. The V-shaped design and double comb help prevent tangles, making them easy to clean.
- **Sensors:** Wipe the robot's sensors with a dry cloth to ensure clear detection and navigation.

Video: A detailed guide on cleaning the charging contacts, vents, and dustbin of the Lefant M5 Pro Robot Vacuum.

6. TROUBLESHOOTING

If you encounter issues with your Lefant M5 Pro, try the following solutions:

- **Robot not charging:** Ensure the robot is properly docked and the base station is powered on. Clean the charging contacts on both the robot and the base station.
- **Poor cleaning performance:** Check if the dustbin is full or the filter is clogged. Clean or replace as necessary. Ensure the roller mop is clean and wet. Check for tangled hair on brushes.
- **Navigation errors/getting stuck:** Clear any scattered wires or small debris from the floor. Ensure the robot's sensors are clean. Reset the map in the app if navigation becomes chaotic.
- **App connectivity issues:** Verify your WiFi password and ensure a stable 2.4G/5G WiFi connection. Restart the robot and try pairing again.
- **Unusual noises:** Check the brushes and wheels for any obstructions or foreign objects.

7. SPECIFICATIONS

Brand	Lefant
Model Name	M5 Pro
Suction Power	18,000Pa
Obstacle Avoidance	PSD 2.0 (190° ultra-wide-angle)
Navigation	360° LiDAR Mapping
Mop Washing	167°F Hot Water Auto Clean
Mop Drying	Cold Air Drying (App-selectable)
Self-Emptying Capacity	120-day dust bag
Battery Life	Up to 180 minutes
WiFi Support	2.4G/5G Dual-Band
Control Methods	App Control, Button Control, Voice Control (Alexa, Google Assistant)
Item Dimensions L x W x H	17.99"L x 17"W x 17"H
Item Weight	29.1 Pounds

8. WARRANTY AND SUPPORT

Lefant provides a limited warranty for this product. For detailed warranty information, please refer to the warranty card included in your package or visit the official Lefant website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Lefant customer service through the app or their official support channels.