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› Lefant M2P Robot Vacuum Cleaner User Manual

Lefant M2P

Lefant M2P Robot Vacuum Cleaner User Manual

Model: M2P

INTRODUCTION

This user manual provides detailed instructions for the operation and maintenance of your Lefant M2P Robot Vacuum Cleaner. Please read this manual thoroughly before using the product to ensure proper function and safety.

IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury. This appliance is for household use only. Do not use outdoors or on wet surfaces. Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.

PRODUCT OVERVIEW

The Lefant M2P Robot Vacuum Cleaner is designed to provide efficient and hands-free cleaning for your home. It features advanced navigation, powerful suction, and a self-emptying station for convenience.



Figure 1: Lefant M2P Robot Vacuum Cleaner, Self-Emptying Station, and included filters.



Figure 2: The Lefant M2P Robot Vacuum Cleaner and its self-emptying station, shown alongside the mobile application interface for control.

SETUP

Unboxing

Carefully remove all components from the packaging. Ensure all accessories are present: robot vacuum, self-emptying station, power cord, and additional filters.

Charging the Robot

Place the self-emptying station against a wall in an open area with good Wi-Fi signal. Connect the power cord. Place the robot vacuum onto the charging contacts of the station. Ensure the robot is fully charged before first use (approximately 4-5 hours).

Connecting to the Lefant APP

Download the Lefant APP from your mobile app store. Follow the in-app instructions to connect your M2P robot

vacuum to your home Wi-Fi network. The app allows for customized cleaning options, including setting cleaning modes, frequencies, selective area cleaning, and zone editing.

190° PSD Precision Obstacle Detection

With Our 190° PSD obstacle avoidance technology, M2 Pro accurately detects varying shapes, colors, and sizes and avoids them.



Figure 3: The Lefant app interface demonstrating options for customized cleaning, including scheduling, room selection, and no-go zones.

OPERATING THE ROBOT VACUUM

Cleaning Modes

The M2P offers various cleaning modes accessible via the app or the robot's physical button. It supports 2-in-1 vacuuming and mopping. Adjust suction levels (up to 5500 Pa) and water flow for different floor types and dirt levels through the app.

Customized Cleaning Needs

Smart, Adaptive, and Tailored Cleaning Just for You



Figure 4: The Lefant M2P robot vacuum demonstrating its 2-in-1 vacuuming and mopping capability, with adjustable water levels for different cleaning needs.

Navigation and Obstacle Avoidance

The M2P utilizes advanced 360° LiDAR navigation to accurately map your home and plan efficient cleaning routes,

minimizing missed spots and unnecessary repetition.

45 Days Automatic Self-Emptying

With a large-capacity dust dock, you can enjoy up to 45 Days without emptying the bin—perfect for busy households and pet owners!



Figure 5: The Lefant M2P robot vacuum demonstrating its 360° LiDAR precision navigation, capable of mapping large areas up to 800m².

Equipped with nine triangulation distance sensors and 190° wide detection angle powered by PSD technology, the robot accurately detects and avoids objects as close as 1.6 inches, ensuring better collision prevention.

360° LiDAR Precision Navigation–15m Range

With 15m LiDAR scanning and 800m² full coverage, our M2 Pro navigates large homes and complex layouts with ease, ensuring precise navigation, no blind spots, and a spotless clean every time.

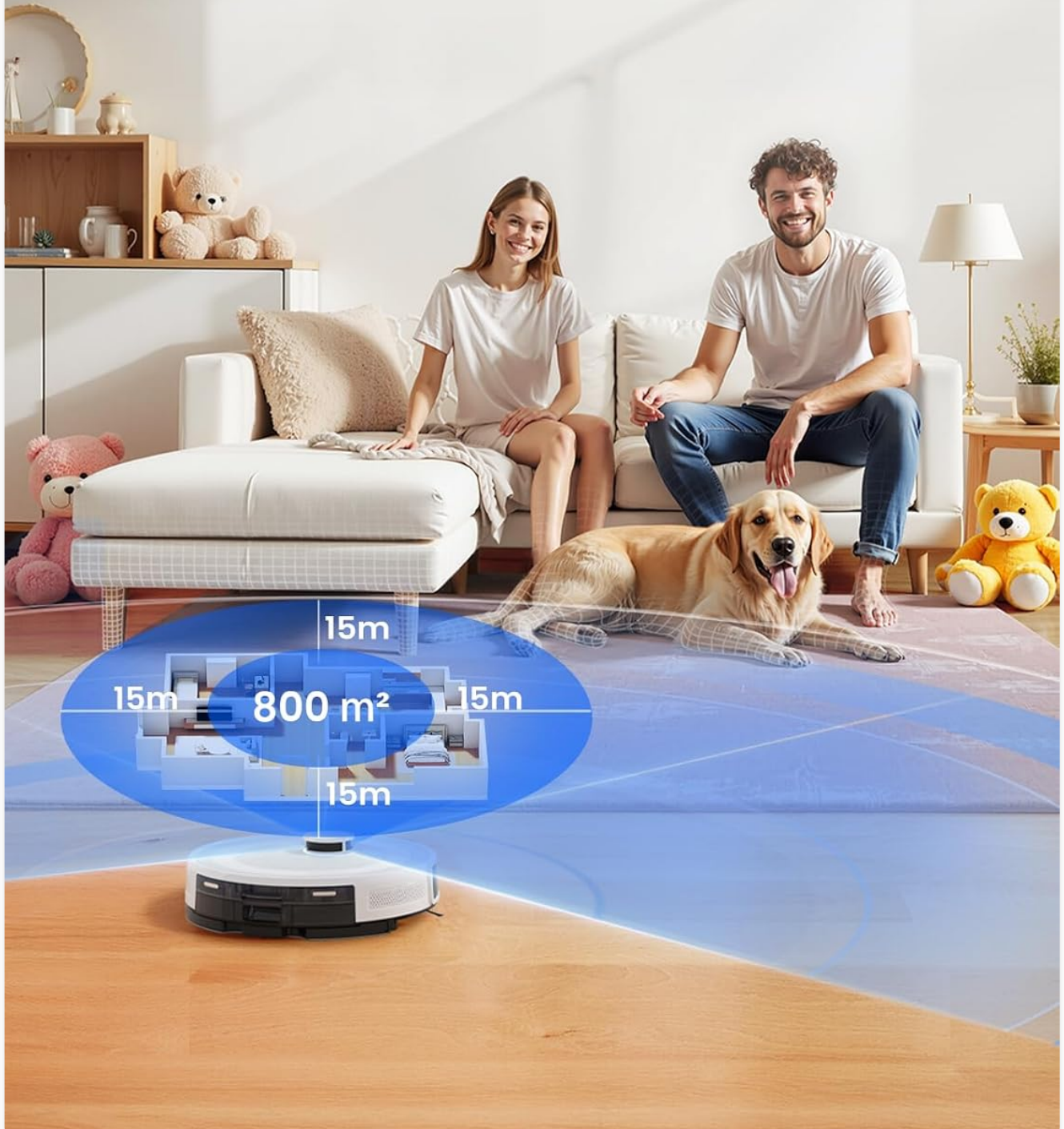


Figure 6: The Lefant M2P robot vacuum illustrating its 190° PSD precision obstacle detection, allowing it to accurately avoid various objects.

Self-Emptying Station

The self-emptying station automatically empties the robot's dustbin, providing up to 45 days of hands-free maintenance. It supports both bagless operation and optional sealed dustbags (sold separately).



Figure 7: The Lefant M2P's self-emptying station, highlighting its 45-day automatic dust collection capacity and dual dustbin options.

Carpet Detection

The M2P features dual carpet detection modes. When the mop holder is removed, the suction power increases to 5500Pa for deep carpet cleaning. When the mop holder is attached, the robot automatically avoids carpets to prevent wetting them.

Robot Vacuum and Mop

Save time, money, and space with the all-in-one vacuum and mop function that delivers efficient, hassle-free cleaning in a single pass.



300ml
Water Tank



Cleaning
Efficiency

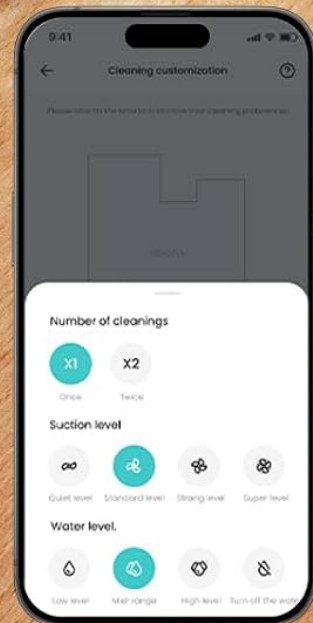


Figure 8: Illustration of the Lefant M2P's dual carpet detection modes, showing how suction adjusts or carpets are avoided based on mop holder attachment.

MAINTENANCE

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

Dustbin and Filter Maintenance

Empty the robot's internal dustbin regularly, especially if not using the self-emptying feature. Clean or replace the filters as needed. The product includes four replacement filters.

Dual Carpet Detection Modes

Automatically avoids carpets, preventing dirt and debris from being transferred onto the carpet and keeping it clean.

the mop holder is removed



the mop holder is attached



Figure 9: Four replacement filters included with the Lefant M2P Robot Vacuum Cleaner.

Main Brush and Side Brush Cleaning

Remove and clean the main brush and side brushes periodically to remove tangled hair and debris. Use the cleaning tool provided.

Mopping Pad and Water Tank Cleaning

After mopping, remove and clean the mopping pad. Empty and rinse the water tank to prevent mold and odors.

Sensor Cleaning

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

TROUBLESHOOTING

If you encounter issues with your Lefant M2P, refer to the following common problems and solutions:

- **Robot not charging:** Ensure the charging contacts on both the robot and the station are clean and free of debris. Verify the power cord is securely plugged into the station and the outlet.
- **Robot stuck or navigating erratically:** Clear any obstacles from the robot's path. Clean all sensors. Check if the wheels are tangled with hair or debris.
- **Poor cleaning performance:** Empty the dustbin and clean or replace the filter. Clean the main brush and side brushes. Ensure the suction level is set appropriately in the app.
- **App connection issues:** Ensure your Wi-Fi network is 2.4GHz. Restart your router, robot, and phone. Try re-pairing the robot with the app.

For more complex issues, please refer to the support section.

SPECIFICATIONS

Feature	Specification
Model	M2P
Navigation Type	360° LiDAR
Suction Power	Up to 5500 Pa
Water Tank Capacity	300ml
Obstacle Avoidance	190° PSD Technology
Self-Emptying Capacity	Up to 45 days
Functions	Vacuuming and Mopping (2-in-1)

WARRANTY AND SUPPORT

Lefant products come with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official Lefant website.

For technical support, troubleshooting assistance, or to purchase replacement parts, please visit the [Lefant Store on Amazon](#) or contact Lefant customer service directly.

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