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› Lefant M3 Robot Vacuum and Mop User Manual

## Lefant M3

# Lefant M3 Robot Vacuum and Mop User Manual

Model: M3

## 1. INTRODUCTION

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Thank you for choosing the Lefant M3 Robot Vacuum and Mop. This intelligent cleaning device is designed to provide a hands-free, efficient cleaning experience for your home. It combines powerful vacuuming with effective mopping, featuring advanced navigation and a convenient auto-empty docking station.

This manual provides essential information on how to set up, operate, and maintain your Lefant M3 to ensure optimal performance and longevity.



Image: The Lefant M3 Robot Vacuum and Mop with its auto-empty and mop-washing docking station, alongside four replacement side brushes.

## 2. SETUP

### 2.1 Unpacking and Component Check

Carefully remove all components from the packaging. Please ensure all items listed in the product packaging are present and undamaged.

### 2.2 Docking Station Placement

Place the docking 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 and 1.5 meters (4.9 feet) in front of the docking station for the robot to navigate effectively. Keep the area free of obstacles, power cords, and reflective surfaces.

# 190° PSD Precision Obstacle Detection

Recognize and avoid objects of various colors and sizes with 9 sets of PSD, minimizing blind spots



Image: The Lefant M3 robot vacuum approaching its docking station, illustrating the recommended clear space around the dock for optimal navigation.

## 2.3 Initial Charging

Connect the docking station to a power outlet. Place the robot onto the docking station, ensuring the charging contacts align. The robot will begin charging automatically. For first-time use, it is recommended to fully charge the robot before its initial cleaning cycle.

## 2.4 Side Brush Installation

The Lefant M3 comes with side brushes that need to be attached. Align the side brushes with the corresponding slots on the bottom of the robot and press them down until they click into place.

## 2.5 Water Tank and Dustbin Preparation

For mopping functions, fill the water tank with clean water. The docking station features a 2.5L water tank for mop washing and a 3.2L dustbin for automatic dust collection. Ensure these are properly installed in the docking station.

## 2.6 App Download and Connection

Download the 'Lefant' app from your mobile device's app store. Follow the in-app instructions to connect your Lefant M3 robot to your home Wi-Fi network. The app allows for advanced control, scheduling, mapping, and setting no-go zones.

# 3. OPERATING YOUR ROBOT VACUUM

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## 3.1 Starting and Stopping Cleaning

- **Manual Start/Stop:** Press the power button on the robot to start or pause a cleaning cycle.
- **App Control:** Use the Lefant app to start, pause, or stop cleaning from anywhere.

## 3.2 Cleaning Modes

- **Auto Cleaning:** The robot intelligently navigates and cleans your entire floor plan.
- **Spot Cleaning:** Directs the robot to clean a specific concentrated area.
- **Edge Cleaning:** The robot cleans along walls and furniture edges.
- **Mopping Mode:** Engages the dual-spinning mops for wet cleaning. The mops spin at 200 RPM and offer 30 adjustable water flow settings for deep cleaning.

# Dual-Spinning Mops for Tough Stains

With a powerful 200 RPM spinning speed and 30 adjustable water flow settings, these mops deliver deep, efficient cleaning, leaving your floors spotless with every pass



Image: The underside of the Lefant M3 robot vacuum showing its dual-spinning mops actively cleaning a floor with spilled liquid, demonstrating its mopping capability.

## 3.3 Smart Features

- **12,000Pa Ultra-Strong Suction:** The robot automatically adjusts suction power to effectively lift pet hair, dust, and debris from various floor types, including hard floors, tiles, and carpets.

# Powerful Suction Smart Auto-Adjust Deep-Clean Technology



hidden hairs/fur



Pet Food



Crumbs



Image: An illustration depicting the powerful 12,000Pa suction of the Lefant M3 robot vacuum, showing it effectively picking up various debris like pet hair, pet food, and crumbs from the floor.

- **Carpet Detection and Mop Lift:** The robot automatically detects carpets. It boosts suction on carpets and lifts the mop pads by 9mm to prevent wetting and tangling.

## Auto-detects carpets & boosts suction 9mm mop lift prevents wetting/tangling



Image: The Lefant M3 robot vacuum transitioning from a hard floor to a carpet, illustrating its ability to auto-detect carpets, boost suction, and lift its mop pads by 9mm.

- **Freemove Tech 3.0 Obstacle Avoidance:** The robot utilizes advanced sensors to precisely dodge furniture, cords, and other obstacles, minimizing the chance of getting stuck. It also automatically avoids stairs.
- **360° LiDAR Precision Navigation:** Laser-based navigation creates accurate maps of your home, allowing for optimized cleaning paths and customizable zones. The robot can map up to 16 meters and operate effectively even in darkness.

# 360° LiDAR Precision Navigation-16m Range

Laser-based vacuums provide precise mapping, optimized paths, customizable zones for efficient, thorough cleaning, even in darkness

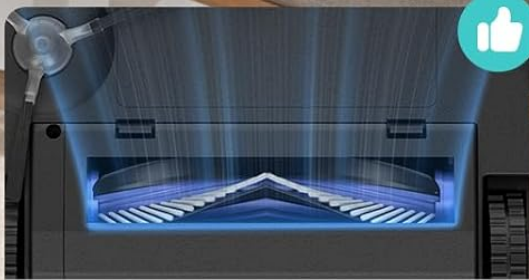


Image: An illustration showing the Lefant M3 robot vacuum using 360° LiDAR navigation to map a multi-level home, indicating its 16-meter range and ability to create precise maps for efficient cleaning.

- **Hands-Free Docking Station:** The docking station provides complete automation with an 8-week 3.2L dustbin, 2.5L water tank, and 113°F hot water mop washing. It features auto cool drying to prevent mop pad warping and built-in detergent dispensing.

# No more tangles!

Our V-shape brush with dual combs centrally collects hair & dust



M3



Other



Image: A detailed view of the Lefant M3's hands-free docking station, highlighting features such as smart detergent auto-dispense, 3.2L hands-free dust bag, deep clean with 115°F hot water, fast air-dry technology, and an easy-clean removable tray.

## 4. MAINTENANCE

Regular maintenance is crucial for the optimal performance and longevity of your Lefant M3 robot vacuum.

### 4.1 Emptying the Dustbin

The docking station automatically empties the robot's dustbin into its larger 3.2L dust bag. Check and replace the dust bag in the docking station approximately every 8 weeks, or as indicated by the app.

## 4.2 Cleaning/Replacing Mop Pads

The docking station automatically washes the mop pads with hot water. Periodically, remove the mop pads from the robot and hand wash them or machine wash them gently. Replace mop pads every 1-3 months depending on usage.

## 4.3 Cleaning/Replacing Side Brushes

Inspect the side brushes regularly for tangled hair or debris. Remove them by pulling them upwards and clean them. Replace side brushes every 3-6 months or when visibly worn.

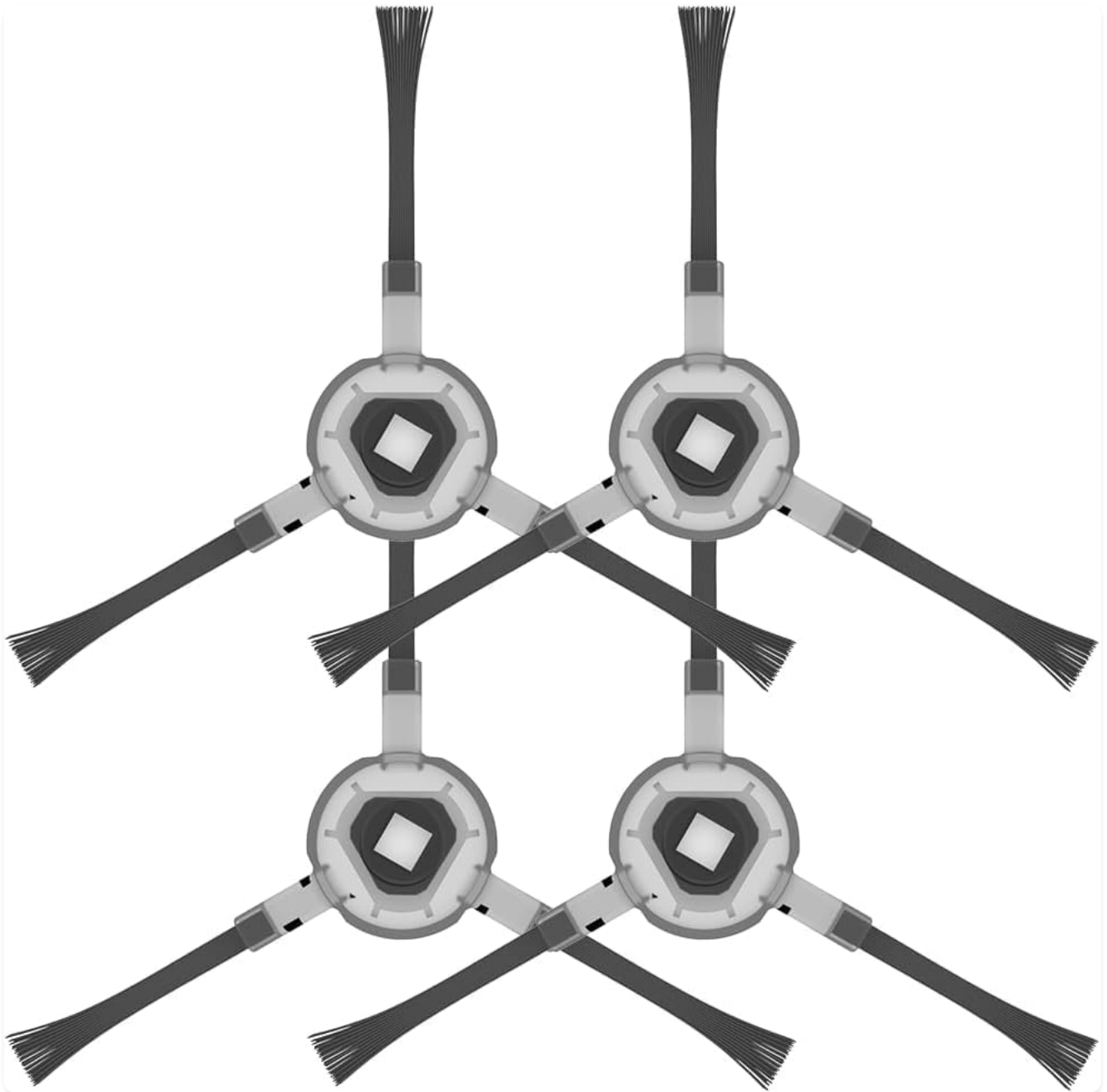


Image: A close-up view of four replacement side brushes for the Lefant M3 Robot Vacuum, showing their design and bristles.

## 4.4 Cleaning the Tangle-Free Brush System

The Lefant M3 features a V-shaped dual-comb brush designed to prevent tangles. Periodically, remove the main

brush from the robot and use the cleaning tool (if provided) to remove any accumulated hair or debris. This system actively gathers and cuts through hair.

# Set It & Forget It

Hands-Free, Fully Automated Cleaning



8 weeks



Smart Detergent  
Auto-Dispense



3.2L Hands-Free  
Dust Bag



Deep Clean with  
115°F Hot Water



Fast Air-Dry  
Technology



Easy-Clean  
Removable Tray

Image: An illustration comparing the Lefant M3's V-shape brush with dual combs, which centrally collects hair and dust to prevent tangles, versus a typical robot vacuum brush that can accumulate hair wrap.

#### 4.5 Cleaning Sensors and Charging Contacts

Wipe the robot's sensors (cliff sensors, obstacle sensors) and the charging contacts on both the robot and the docking station with a clean, dry cloth. This ensures proper navigation and charging.

## 5. TROUBLESHOOTING

If your Lefant M3 encounters an issue, refer to the following common problems and solutions:

- **Robot not charging:** Ensure the docking station is powered on and the charging contacts on both the robot and dock are clean and aligned.
- **Robot not starting/responding:** Check if the battery is charged. Try pressing the power button. If unresponsive, perform a soft reset by holding the power button for 10 seconds.
- **Abnormal noise during operation:** Check the main brush, side brushes, and wheels for tangled hair or debris. Clean them as per the maintenance section.
- **Poor cleaning performance:** Empty the dustbin, clean/replace filters, clean the main brush and side brushes. Ensure the water tank is filled for mopping.
- **Robot getting stuck frequently:** Clear obstacles from the cleaning path. Use the app to set no-go zones for areas where the robot consistently gets stuck. Clean obstacle sensors.
- **App connection issues:** Ensure your Wi-Fi network is 2.4GHz. Restart your router, robot, and phone. Re-attempt the connection process in the app.

For persistent issues, consult the Lefant app for specific error codes or contact customer support.

## 6. SPECIFICATIONS

| Feature                             | Specification                        |
|-------------------------------------|--------------------------------------|
| Suction Power                       | 12,000 Pa                            |
| Robot Dimensions (Height x Width)   | 3.8 inches x 11 inches               |
| Docking Station Dustbin Capacity    | 3.2 Liters (up to 8 weeks of debris) |
| Docking Station Water Tank Capacity | 2.5 Liters (for mop washing)         |
| Mop Lift Height                     | 9 mm                                 |
| LiDAR Navigation Range              | 16 meters                            |
| ASIN                                | B0FJ2CWVGR                           |

## 7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included in your product packaging or visit the official Lefant website. Keep your purchase receipt as proof of purchase.

If you require technical assistance, troubleshooting, or have questions about your Lefant M3 Robot Vacuum and Mop, please contact Lefant customer support through the official website or the Lefant app. Provide your product

model (M3) and ASIN (B0FJ2CWVGR) when contacting support for faster service.

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#### Question

Example: How do I reset this device or fix this error?

#### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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