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› Lefant M3 Robot Vacuum and Mop User Manual

Lefant M3

Lefant M3 Robot Vacuum and Mop User Manual

Comprehensive Guide for Setup, Operation, and Maintenance

PRODUCT OVERVIEW

The Lefant M3 is an advanced robot vacuum and mop designed to provide a fully automated and efficient cleaning experience for your home. This all-in-one station unit features powerful suction, dual spinning mops, and intelligent navigation to handle various floor types and cleaning needs.



Figure 1: Lefant M3 Robot Vacuum and Mop with its All-in-One Self-Cleaning Station, alongside a smartphone, smart speaker, and smartwatch demonstrating connectivity options.

Key features include a self-emptying dustbin, automatic mop washing with hot water, and cool air drying. Its dToF laser navigation and 190° PSD obstacle avoidance ensure thorough coverage and safe operation. The M3 is controllable via a dedicated app and voice commands through smart assistants like Alexa and Google Home.

SETUP GUIDE

1. Unpacking and Placement

- Carefully remove all components from the packaging.
- Place the All-in-One Station on a hard, level surface against a wall, ensuring 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.
- Connect the power cord to the station and plug it into a wall outlet.
- Ensure the station is in an area with good Wi-Fi signal for optimal app connectivity.

2. Initial Charging

Place the Lefant M3 robot onto the charging contacts of the All-in-One Station. Ensure the robot is properly docked. The indicator lights on the robot will show charging status. For first-time use, fully charge the robot before operation, which typically takes approximately 3-4 hours.

3. App Connection

To unlock the full potential of your Lefant M3, connect it to the Lefant app. Follow these steps:

1. Download the "Lefant" App from your mobile device's app market (App Store for iOS, Google Play Store for Android).
2. Open the Lefant App and create an account or log in.
3. Add your M3 robot vacuum to the app by selecting the appropriate model.
4. Ensure your mobile device is connected to a 2.4GHz/5GHz Wi-Fi network.
5. Power on the robot vacuum by pressing the power button.
6. Press and hold the start button on the robot for 6 seconds to enter network configuration mode.
7. Select the M3 in the app and wait for the robot to pair successfully.

Extreme Cleaning Power

The M3 packs **12000Pa** of suction power, say goodbye to pet hair, dust, and debris on carpets, hardwood, and tiles for a truly spotless clean



Figure 2: Visual guide for connecting the Lefant M3 to the mobile application.

4. Voice Assistant Integration (Optional)

The Lefant M3 supports voice control via Amazon Alexa and Google Home. To connect:

1. Open the "Lefant APP" and navigate to "Mine" > "Third-party access service".
2. Record your voice account and password.
3. Open the "Alexa APP" or "Google Home APP" and go to "More" > "Skills & Games" (for Alexa) or "Settings" > "Works with Google" (for Google Home).
4. Search for "Smart Life" and click "Enable To Use".
5. Select your region and enter the voice account and password from Step 2.
6. Wait for the successful connection.

Say Goodbye to Tangles

The V-shaped brush design centralizes dust and hair, while its dual-comb teeth prevent tangling – delivering optimal cleaning without manual intervention



Figure 3: Steps for integrating the Lefant M3 with Amazon Alexa for voice commands.

OPERATING INSTRUCTIONS

1. Cleaning Modes

The Lefant M3 offers versatile cleaning modes to suit your needs:

- **Vacuuming:** Utilizes 12,000Pa suction power to effectively remove dust, debris, and pet hair from various surfaces.
- **Mopping:** Dual spinning mops rotate at 200 RPM with pressure technology for deep cleaning of hard floors, removing stubborn stains.
- **Vacuum & Mop Combo:** Simultaneously vacuums and mops for comprehensive floor care.

Powerful Suction Smart Auto-Adjust Deep-Clean Technology



hidden hairs/fur



Pet Food



Crumbs

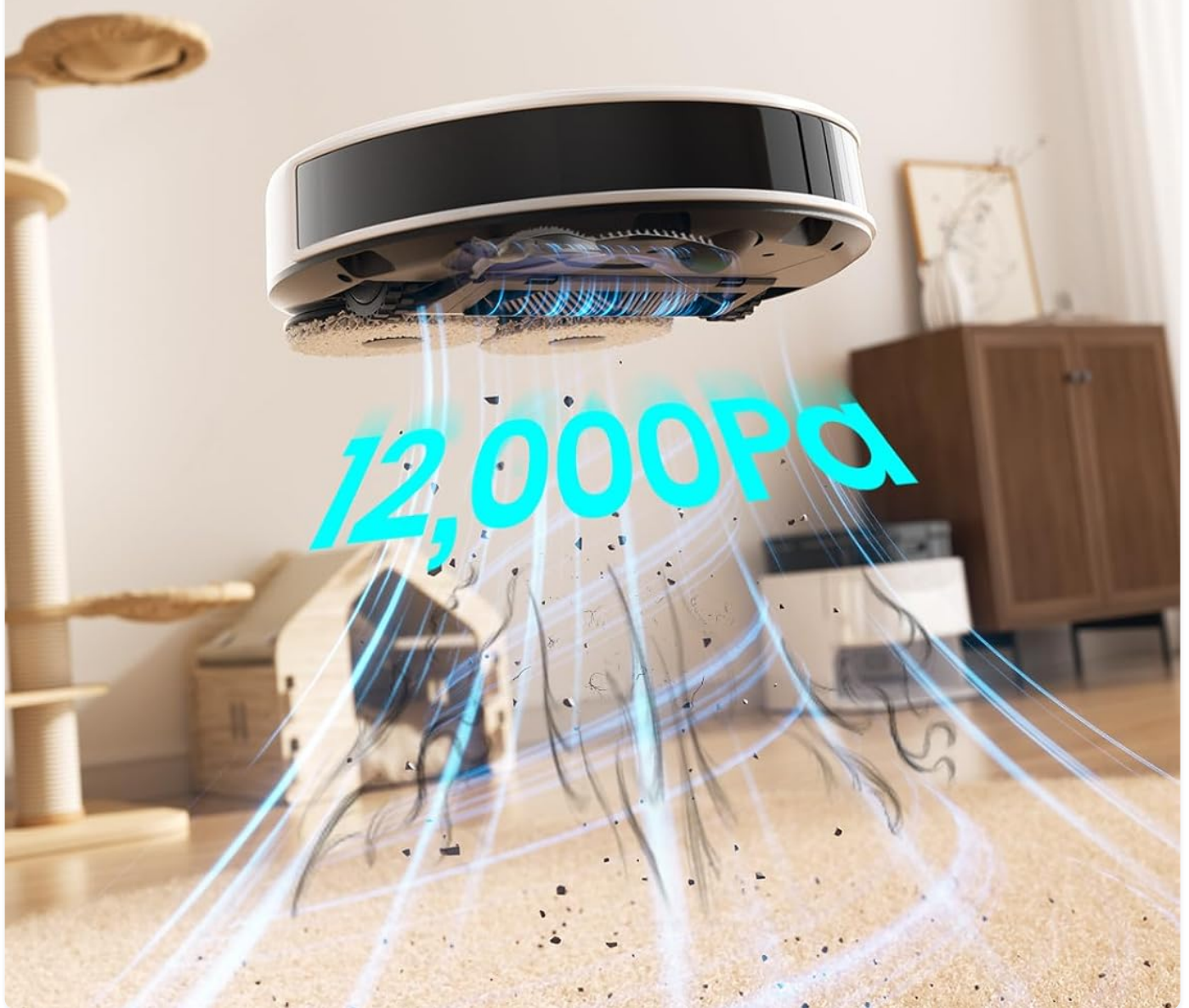


Figure 4: Illustration of the Lefant M3's powerful 12,000Pa suction effectively cleaning various debris like hidden hairs, pet food, and crumbs.

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



Figure 5: The Lefant M3 demonstrating its dual spinning mops, designed for effective removal of tough stains on hard floors.

2. Navigation and Obstacle Avoidance

The M3 employs advanced technologies for efficient navigation:

- **dToF Laser Navigation:** Quickly scans and accurately maps your home, even in darkness, to generate multi-floor maps and plan optimal cleaning routes.
- **190° PSD Obstacle Avoidance:** Utilizes 190° PSD detection technology to recognize and avoid furniture and small objects with millimeter-level precision, minimizing collisions.

360° LiDAR Precision Navigation-16m Range

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

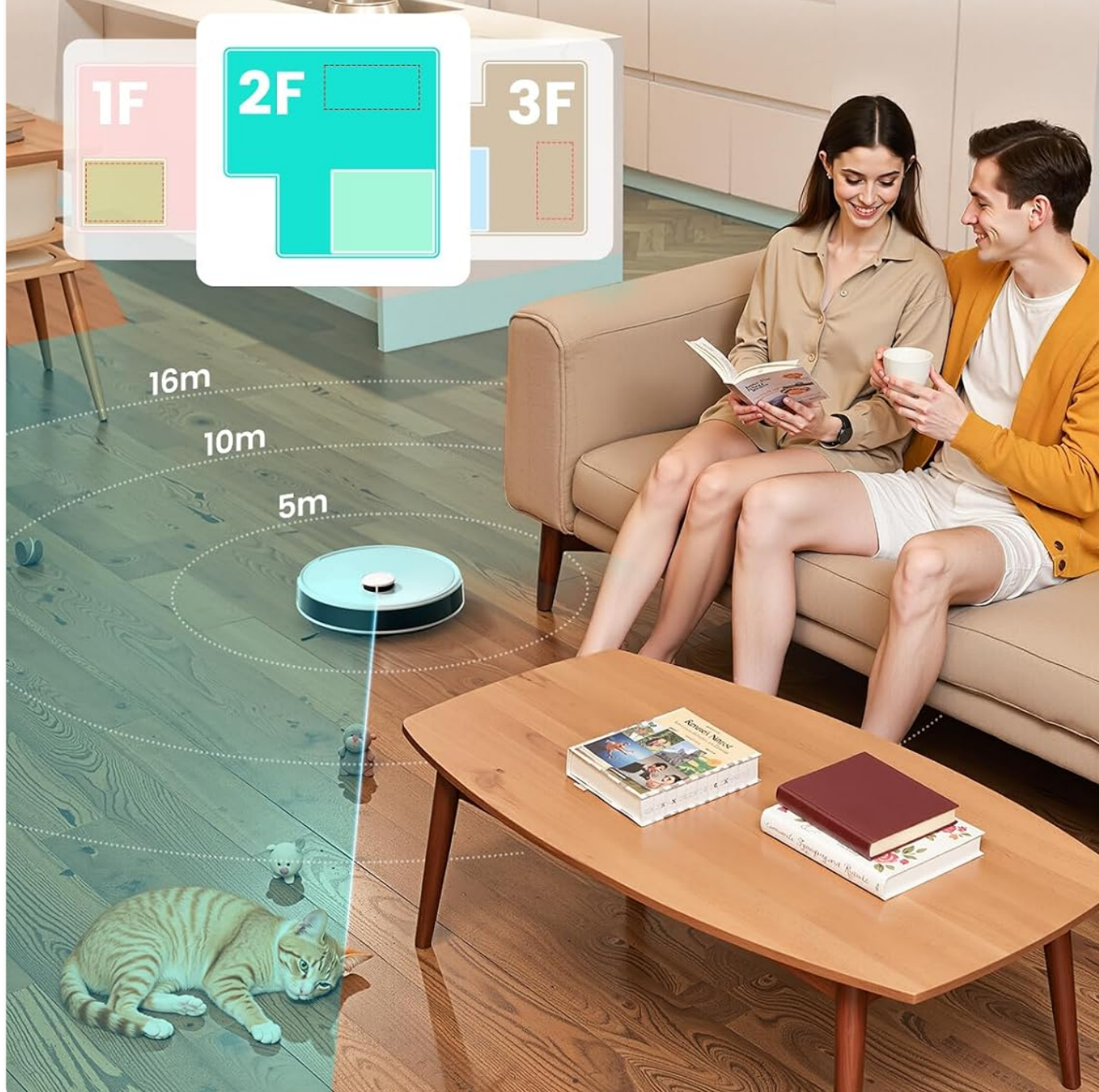


Figure 6: The Lefant M3 using 360° LiDAR for precise navigation and mapping, showing its ability to map multiple floors.



Figure 7: The Lefant M3 demonstrating its 190° PSD precision obstacle detection, avoiding various objects on the floor.

3. Smart Features and Customization

- **Auto-Lift Mopping:** Detects carpets and automatically raises mops by 9mm to prevent wetting and tangling.
- **Customized Cleaning:** Set specific cleaning areas, frequencies, and cleaning sequences for each room via the app.
- **Zone Cleaning:** Clean selected areas precisely.
- **Scheduled Cleaning:** Automate daily cleaning routines.
- **No-go Zones:** Define areas the robot should avoid (e.g., pet bowls, delicate items).
- **Spot Cleaning:** Direct the robot to clean specific dirty spots.
- **Do Not Disturb Mode:** Set quiet times without cleaning or notifications.

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



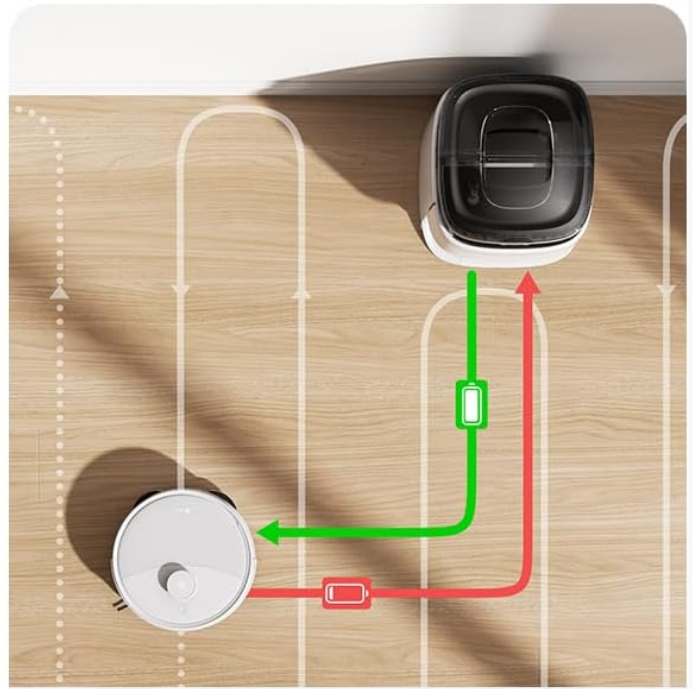
Figure 8: The Lefant M3's auto-lift mopping feature, showing the mop lifting by 9mm when detecting carpets and boosting suction.

Full control, just as you want it



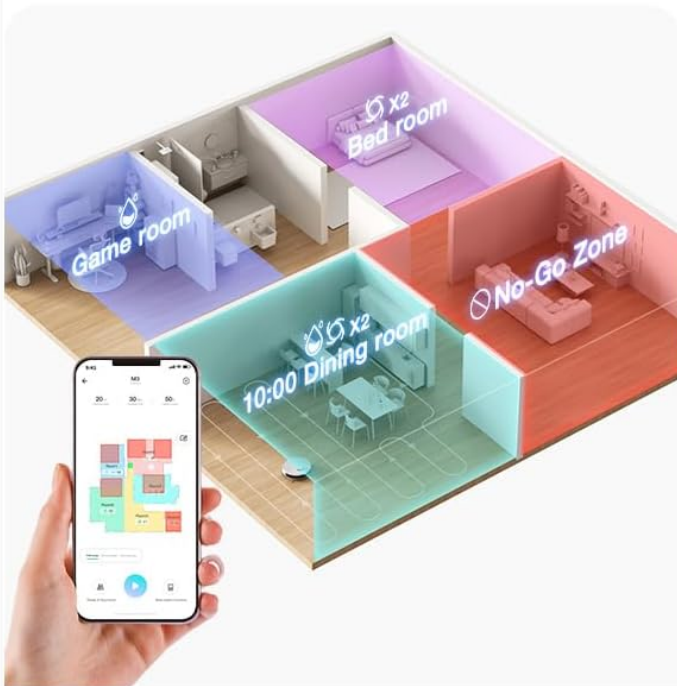
Smartphone App Control

Schedule & Start Cleaning Remotely from Anywhere



Auto-Resume Cleaning

Never Repeats Work After Power Outage or Interruption



Customizable No-Go Zones

Block Off Areas Like Pet Bowls or Carpets via App



Hands-Free Voice Control

Compatible with Alexa & Google Assistant

Figure 9: Overview of the Lefant M3's app control features, including scheduling, auto-resume, no-go zones, and voice control.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Lefant M3. The All-in-One Station significantly reduces manual intervention.

1. All-in-One Station Maintenance

- **Self-Emptying Dustbin:** The 3.2L dust bag can hold up to 8 weeks of dust and debris. Replace the dust bag when full.
- **Automatic Mop Washing:** The station automatically washes the mop pads with 45°C hot water after cleaning cycles.
- **Cool Air Drying:** After washing, the mop pads are dried with cool air to prevent mildew and odors.
- **Self-Refilling:** The station automatically refills the robot's water tank for mopping.
- **Removable Tray:** The base of the station is designed to be easily removed for quick and easy cleaning of accumulated dirt.

Set It & Forget It

Hands-Free, Fully Automated Cleaning

8 weeks



Figure 10: Detailed view of the Lefant M3's All-in-One Station, highlighting features like smart detergent auto-dispense, 3.5L dustbin, hot water deep clean, fast air-dry technology, and easy-clean removable tray.



Figure 11: Visual representation of the effortless maintenance provided by the All-in-One Station, including auto mop washing, self-emptying, cool air drying, hot water washing, self-refilling, and a detachable dock base.



Figure 12: The Lefant M3's 3.2L dust bag capacity, allowing for up to 8 weeks of hands-free dust disposal.

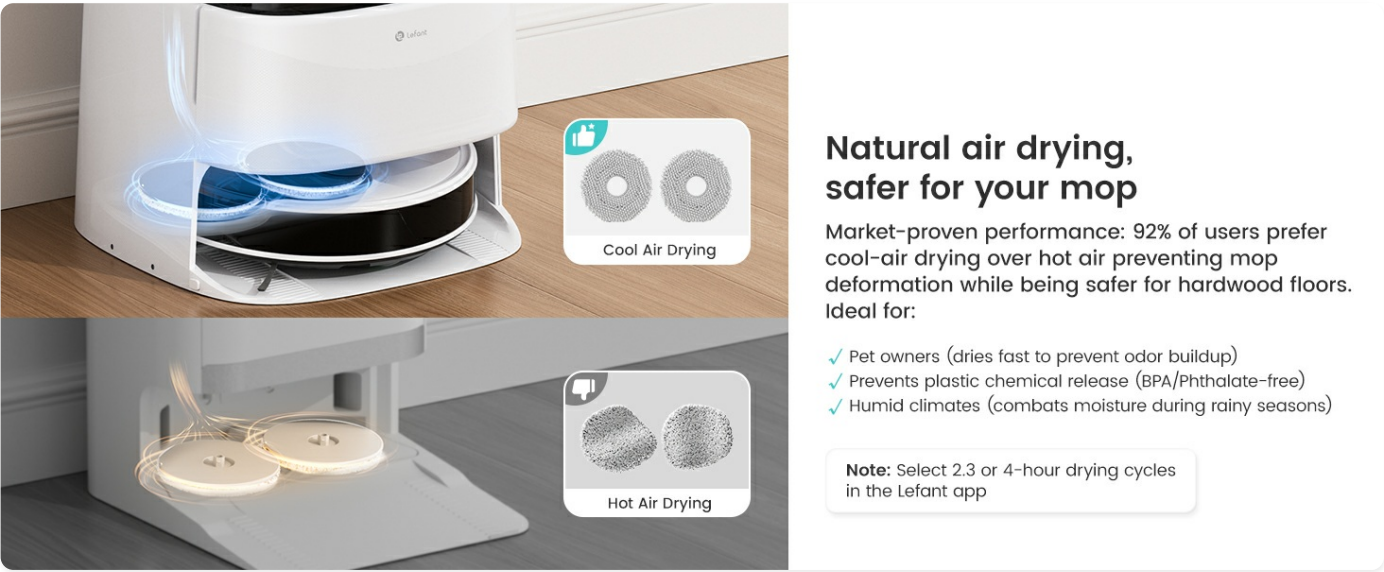


Figure 13: Comparison of cool air drying versus hot air drying for mop pads, highlighting the benefits of cool air drying for preventing deformation and odor buildup.



Figure 14: The Lefant M3's self-cleaning system, showing the robot washing its mop pads at the station and the removable base for easy manual cleaning.

2. Robot Components Cleaning

- **V-shaped Roller Brush:** The V-shaped roller brush with anti-tangle dual combs centrally collects hair and dust. Periodically remove and clean the brush to prevent tangles.
- **Side Brushes:** Check and clean the side brushes regularly for debris. Replace if worn.
- **Sensors:** Wipe the sensors (cliff sensors, PSD sensors) with a clean, dry cloth to ensure accurate navigation and obstacle detection.
- **Mop Pads:** While the station washes them, it's recommended to occasionally remove and hand-wash the mop pads thoroughly or replace them for optimal hygiene.

No more tangles!

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

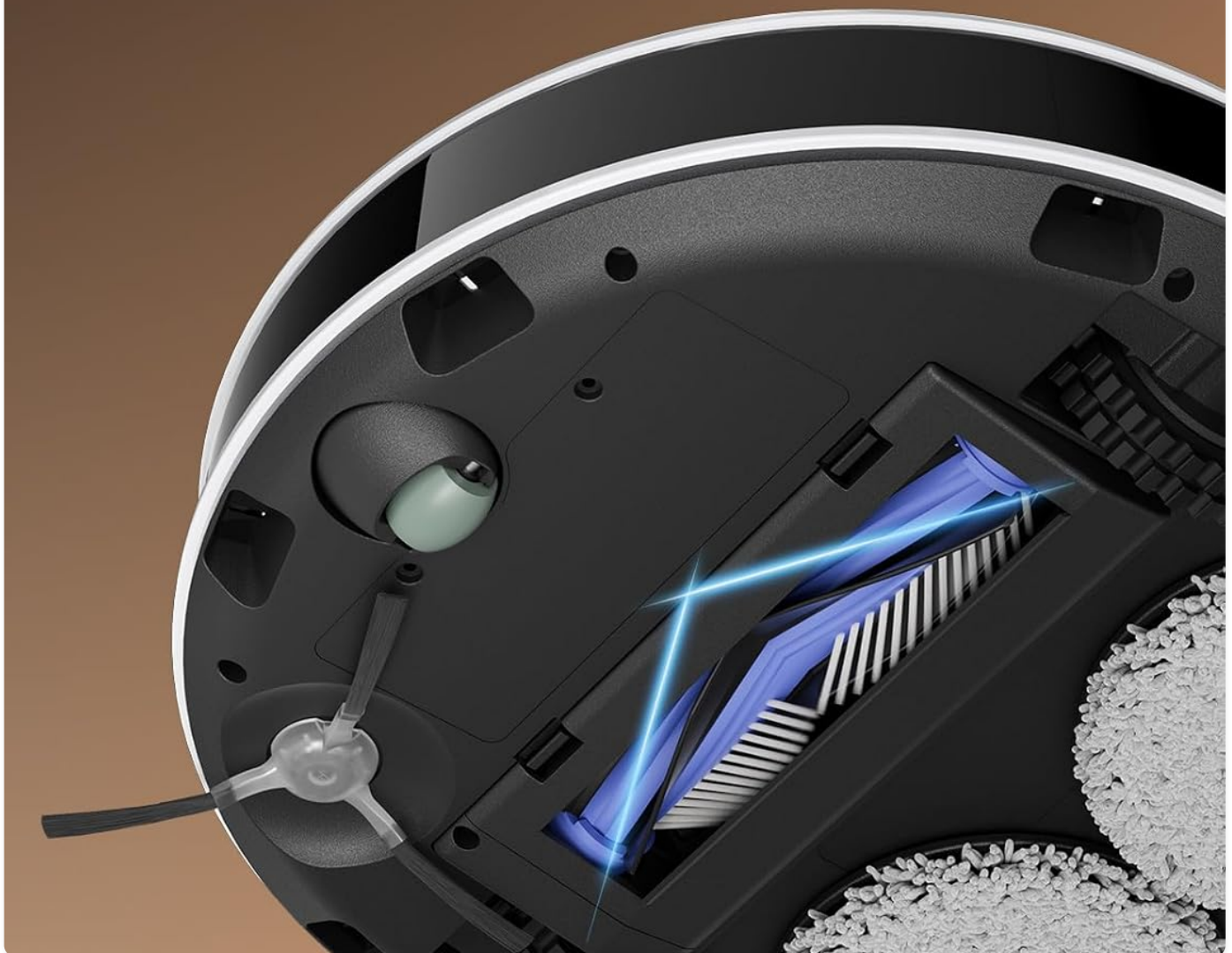
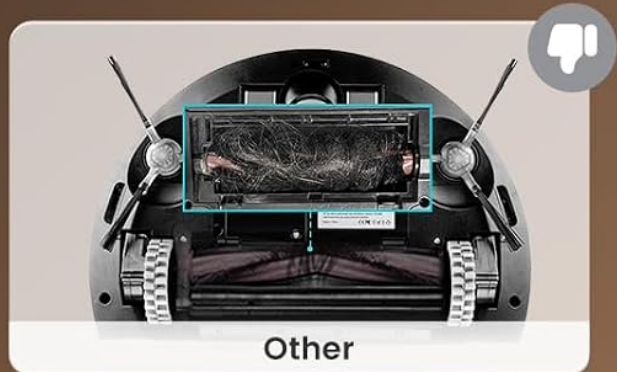


Figure 15: Close-up of the Lefant M3's V-shaped brush with dual combs, designed to prevent hair tangles compared to other robot vacuum brushes.

TROUBLESHOOTING

If you encounter issues with your Lefant M3, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Robot does not charge.	Not properly docked; power cord disconnected; charging contacts dirty.	Ensure robot is correctly aligned with charging contacts. Check power cord connection. Clean charging contacts on both robot and station with a dry cloth.
Robot gets stuck frequently.	Too many obstacles; loose cables/rugs; dark surfaces.	Clear the cleaning area of small objects, cables, and thick rugs. Use no-go zones for problematic areas. Ensure sufficient lighting if issues persist in dark areas.
Poor cleaning performance.	Dustbin full; brushes tangled; mop pads dirty/worn; low suction mode.	Empty dustbin/replace dust bag. Clean main brush and side brushes. Clean or replace mop pads. Select a higher suction mode in the app.
App connection issues.	Incorrect Wi-Fi password; robot too far from router; 5GHz network incompatibility (older models).	Verify Wi-Fi password. Move robot closer to router. Ensure your router supports 2.4GHz and connect to it if experiencing issues with 5GHz. Restart robot and router.
Mop pads not drying properly.	Obstruction in drying vent; excessive moisture.	Check for any blockages in the drying vents on the station. Ensure mop pads are not excessively saturated before docking.

For more detailed troubleshooting or persistent issues, please refer to the full user manual available on the Lefant website or contact Lefant customer support.

SPECIFICATIONS

Feature	Detail
Brand	Lefant
Model Name	M3
Suction Power	12,000Pa
Battery Capacity	5200mAh
Runtime	Up to 220 minutes (approx. 220m²)
Mop Washing Temperature	45°C (113°F) Hot Water
Dust Bag Capacity	3.2L (up to 8 weeks)
Navigation System	dToF Laser Navigation, 360° LiDAR
Obstacle Avoidance	190° PSD Detection
Mop Lift Height	9mm
Connectivity	Dual-band WiFi (2.4GHz/5GHz), App Control, Voice Control (Alexa/Google Home)
Product Dimensions (Robot)	38.4L x 13W x 4.6H Centimetres (approx.)
Item Weight	13.5 kg (total package weight)

WARRANTY AND SUPPORT

Lefant is committed to providing high-quality products and customer satisfaction. For warranty information, product registration, or technical support, please visit the official Lefant website or contact their customer service team directly. Keep your purchase

receipt as proof of purchase for warranty claims.
You can find more information and support resources at the [Lefant Store on Amazon](#) or the official Lefant website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

Answered questions about this manual

How can I fix the issue where the Lefant M3 mop pads remain raised even when carpet detection is active?

The Lefant M3 is designed with an Auto-Lift Mopping feature that automatically raises the mop pads by 9mm when it detects carpet to prevent them from getting wet. If your mops are staying raised,...

[Read full answer](#)