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› LEFANT M330Pro Robot Vacuum and Mop Cleaner User Manual

## LEFANT M330 Pro

# LEFANT M330Pro Robot Vacuum and Mop Cleaner User Manual

Model: M330 Pro | Brand: LEFANT

## 1. INTRODUCTION

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The LEFANT M330Pro is an advanced 3-in-1 robot vacuum and mop cleaner designed to provide comprehensive floor cleaning. It integrates sweeping, vacuuming, and mopping functions to effectively remove dirt, dust, pet hair, and stubborn stains from various surfaces, including carpets and hard floors. Equipped with dToF laser navigation and PSD obstacle avoidance, the M330Pro ensures efficient and precise cleaning. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your LEFANT M330Pro robot vacuum cleaner. Please read it thoroughly before first use and retain it for future reference.



Image: The LEFANT M330Pro robot vacuum cleaner with its charging base and cleaning accessories.

## 2. PRODUCT FEATURES

- **3-in-1 Cleaning:** Sweeps, vacuums, and mops simultaneously for thorough cleaning.
- **Advanced dToF Laser Navigation:** Scans the environment accurately with a 15m range for precise mapping and efficient room-by-room cleaning. Supports saving up to three maps.
- **High-Precision PSD Obstacle Avoidance:** 190° PSD sensors detect and navigate around wires, furniture, and small objects in real-time, preventing collisions and falls.
- **Powerful 5000Pa Suction:** Brushless suction port and dual side brushes effectively collect fine dust and debris on carpets and hard surfaces.
- **Anti-Tangle Design:** Specifically designed to prevent pet hair from tangling, making it ideal for homes with pets.
- **Large Dustbin Capacity:** 450 ml dust collection bin reduces the frequency of emptying.
- **200 ml Water Tank:** Refillable water tank and removable, washable mop for deep cleaning.
- **Smart App & Voice Control:** Compatible with the LEFANT app, Amazon Alexa, and Google Assistant for convenient control and customization.
- **Customizable No-Go Zones:** Set virtual boundaries to restrict cleaning in specific areas.

- **Multi-Level Mapping:** Stores maps for different floors or areas.
- **Long Battery Life:** Up to 150 minutes of runtime.

### 3. SETUP GUIDE

#### 3.1 Unpacking and Placement

Carefully remove all components from the packaging. Ensure all protective films and packing materials are removed from the robot and charging base. Place the charging base against a wall in an open area, ensuring there are no obstacles within 1 meter (3 feet) to the front and 0.5 meters (1.5 feet) to the sides.

## Navigazione dToF per mappe personalizzabili

Mappatura laser di precisione per la massima pulizia a mani libere



Image: The LEFANT M330Pro robot vacuum operating in a living room, demonstrating dToF navigation and multi-level mapping capabilities.

### 3.2 Charging the Robot

Connect the power adapter to the charging base and plug it into a wall outlet. Place the robot onto the charging base, ensuring the charging contacts align. The indicator light on the robot will show its charging status. Fully charge the robot before its first use, which typically takes 4-5 hours.

### 3.3 Connecting to the LEFANT App

The LEFANT app allows for advanced control and customization of your robot. Follow these steps to connect:

1. Press and hold the power button for 3 seconds to turn on the robot.
2. Download the LEFANT app from the App Store or Google Play Store. You can also scan the QR code provided in the product packaging or visit [mobile.useerobot.com](https://mobile.useerobot.com).
3. Press and hold the power button for 6 seconds until the light starts flashing, indicating pairing mode.
4. Open the LEFANT App and add the M330 Pro robot vacuum cleaner.
5. Connect to a 2.4 GHz or 5 GHz Wi-Fi network.
6. Wait for the connection to complete.



Image: Visual guide for connecting the LEFANT M330Pro to the mobile application, showing steps from powering on to Wi-Fi pairing.

## 4. OPERATING INSTRUCTIONS

### 4.1 Starting and Pausing Cleaning

- **Manual Start:** Press the power button on the robot once to start or pause cleaning.
- **App Control:** Use the LEFANT app to start, pause, or stop cleaning from anywhere.

### 4.2 Cleaning Modes and Customization

The LEFANT M330Pro offers various cleaning modes accessible via the app:

- **Auto Cleaning:** The robot intelligently navigates and cleans your entire home.
- **Spot Cleaning:** Directs the robot to clean a specific area more intensely.
- **Edge Cleaning:** The robot cleans along walls and furniture edges.
- **Scheduled Cleaning:** Set specific times for the robot to clean automatically.
- **Suction Power Adjustment:** Choose from multiple suction levels (e.g., Quiet, Standard, Max) to suit different cleaning needs and floor types.

# Adattamento Intelligente alle Superfici

Rilevamento Tappeti con Potenziamento Automatico per una Pulizia più Profonda



Image: The LEFANT M330Pro demonstrating automatic suction power increase when transitioning from hard floor to carpet.

## 4.3 Mopping Function

To use the mopping function:

1. Fill the 200 ml water tank with clean water.
2. Attach the washable mop pad to the water tank.
3. Install the water tank assembly into the robot.
4. Start a cleaning cycle. The robot will vacuum and mop simultaneously.

**Important: Always empty the water tank when the robot returns to its base or when the mopping function is not in use to prevent leaks and stains.**

## Rilevamento ed Evitamento Preciso degli Ostacoli



Image: Diagram illustrating the 3-in-1 cleaning process of the LEFANT M330Pro, showing sweeping, vacuuming, and mopping components.

### 4.4 Mapping and No-Go Zones

The dToF laser navigation system creates accurate maps of your home. You can use the app to:

- **View and Edit Maps:** See the robot's cleaning path and room divisions.
- **Set No-Go Zones:** Define areas the robot should avoid, such as pet feeding areas or delicate furniture.
- **Multi-Level Mapping:** Save up to three different maps for multi-story homes.

# Aree No-Go Personalizzate

Pulisci Esattamente Dove Vuoi



Image: The LEFANT M330Pro robot vacuum avoiding a designated "No-Go Zone" around pet bowls and toys.

## 4.5 Voice Control (Alexa/Google Assistant)

Integrate your LEFANT M330Pro with smart home systems for voice commands:

1. Open the "Lefant" app, navigate to "Mine" -> "Third-party voice services" to access the service.
2. Register your voice account and password.
3. Open the "Alexa" app -> "More" -> "Skills & Games".
4. Search for "Smart Life".
5. Click on "Enable to Use".
6. Select your region and enter the voice account and password from step 2.

7. Wait for the connection to complete.

Once connected, you can use commands like "Alexa, turn on M330 Pro and start cleaning."



Image: A user interacting with the LEFANT app and using voice commands with Alexa to control the M330Pro robot vacuum.

## 5. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your LEFANT M330Pro.

### 5.1 Emptying the Dustbin

The 450 ml dustbin should be emptied after each cleaning cycle or when full. Open the top cover of the robot, remove the dustbin, and discard the collected debris. Clean the filter inside the dustbin as needed.

## Potenza di pulizia 3 in 1

Spazza, aspira e lava in un'unica macchina intelligente, dalla polvere alle macchie, abbiamo tutto



Image: A transparent view of the LEFANT M330Pro's dustbin, highlighting its 450ml capacity and collected debris.

### 5.2 Cleaning the Water Tank and Mop Pad

After each mopping session, empty any remaining water from the 200 ml water tank. Remove the mop pad and wash it thoroughly with water. Allow both to air dry completely before reassembling.

### 5.3 Cleaning Sensors and Brushes

- **Sensors:** Regularly wipe the cliff sensors, wall sensors, and charging contacts with a clean, dry cloth to ensure proper function.
- **Side Brushes:** Check the side brushes for tangled hair or debris. Remove and clean them as necessary. Replace worn brushes to maintain cleaning efficiency.

- **Brushless Suction Port:** The brushless design minimizes tangles, but occasionally check the suction port for any blockages.

## 6. TROUBLESHOOTING

If you encounter issues with your LEFANT M330Pro, refer to the following common solutions:

Problem	Possible Cause	Solution
Robot does not turn on.	Low battery; power button not pressed correctly.	Charge the robot fully. Press and hold the power button for 3 seconds.
Robot gets stuck or collides frequently.	Obstacles (cables, small objects); dirty sensors.	Clear the cleaning area. Clean the PSD sensors with a dry cloth.
Poor cleaning performance.	Full dustbin; clogged filter; worn side brushes.	Empty dustbin and clean filter. Clean or replace side brushes.
Mopping function not working.	Empty water tank; clogged water outlet; mop pad not installed.	Refill water tank. Check for blockages. Ensure mop pad is correctly attached.
App connection issues.	Incorrect Wi-Fi password; robot not in pairing mode; network interference.	Ensure correct Wi-Fi (2.4/5GHz). Re-enter pairing mode. Restart router and robot.

For further assistance, please refer to the LEFANT app's help section or contact customer support.

## 7. SPECIFICATIONS

Feature	Detail
Brand	LEFANT
Model Name	M330 Pro
Color	M330p-grigio (Grey)
Product Dimensions	28 x 28 x 9.5 cm (11 x 11 x 3.7 inches)
Item Weight	2.15 Kilograms (4.74 lbs)
Dustbin Capacity	450 Centiliters (0.45 Liters)
Water Tank Capacity	200 ml
Voltage	19 Volts
Material	Plastic
Runtime	Up to 150 minutes (2 hours 30 minutes)

Feature	Detail
Compatible Devices	Smartphone (via LEFANT App), Amazon Alexa, Google Assistant
Special Features	dToF Laser Navigation, 5000Pa Suction, PSD Obstacle Avoidance, Multi-Level Mapping, No-Go Zones, WiFi 2.4G/5G, Ideal for Pet Hair and Mixed Floors

## 8. WARRANTY AND SUPPORT

LEFANT is committed to providing quality products. For warranty information, technical support, or any inquiries regarding your M330Pro robot vacuum cleaner, please refer to the official LEFANT website or contact LEFANT customer service directly.

You can often find support resources, FAQs, and contact information within the LEFANT mobile application under the 'Help' or 'Support' section.

**Manufacturer:** LEFANT Robotics