Lefant

Lefant M330 Pro Robot Vacuum and Mop User Manual

Model: M330 Pro

Introduction

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your Lefant M330 Pro Robot Vacuum and Mop. Please read this manual thoroughly before using the product and retain it for future reference.



Figure 1: Lefant M330 Pro Robot Vacuum and Mop with accessories (mop pads and water tank).

Product Overview

The Lefant M330 Pro is an advanced robotic vacuum and mop designed for efficient floor cleaning. Key features include:

- **dToF Navigation:** For precise mapping and smart route planning, covering areas up to 150 square meters.
- **190° PSD Obstacle Avoidance:** Millimeter-level precision to navigate around furniture and objects.
- **2-in-1 Vacuuming and Mopping:** Equipped with a 200ml refillable water tank and washable detachable mop.
- **Carpet Detection & Auto Boost:** Automatically avoids carpets in mopping mode and boosts suction on carpets in vacuuming mode.
- **APP Control & Voice Commands:** Compatible with Google Assistant and Alexa, supporting dual-band Wi-Fi (2.4GHz & 5GHz).
- **Zero Hair Tangle:** Features a vacuum suction port without a brush roll, ideal for pet owners.
- **Visible Dustbin:** 450ml capacity for easy monitoring and less frequent emptying.



Figure 2: The M330 Pro utilizes dToF navigation for customizable maps and multi-level mapping, allowing for custom routines and efficient cleaning across different floors.

Safety Instructions

To ensure safe operation, please adhere to the following guidelines:

- Do not use the robot in wet environments or near water.

- Keep loose clothing, hair, and body parts away from the robot's moving parts.
- Do not allow children or pets to operate the robot.
- Ensure the charging dock is placed against a wall on a level surface.
- Remove any cables, small objects, or fragile items from the cleaning path before operation.
- Always drain the water tank when mopping is not needed or before returning to the charging dock to prevent leaks.

Setup

1. Unpacking and Placement

1. Carefully remove all components from the packaging.
2. Place the charging dock on a hard, level surface against a wall, ensuring there are no obstacles within 1 meter (3 feet) to the front and 0.5 meters (1.5 feet) to the sides.
3. Connect the power adapter to the charging dock and plug it into a wall outlet.

2. Initial Charging

Place the robot vacuum onto the charging dock. The indicator lights will show charging status. For first-time use, fully charge the robot before operation (approximately 4-5 hours).

3. App Connection and Wi-Fi Setup

To unlock the full features of your Lefant M330 Pro, connect it to the Lefant App.

1. Download the "Lefant App" from your mobile device's app store (available on iOS and Android).
2. Open the app and create an account or log in.
3. Add your M330 Pro robot vacuum to the app by following the on-screen instructions. Ensure your phone is connected to a 2.4GHz or 5GHz Wi-Fi network.
4. Turn the robot's blue button switch to "I" (On).
5. Press and hold the start button on the robot for 6 seconds until the indicator light flashes.
6. Select "M330 Pro" in the app and wait for the robot to pair successfully.

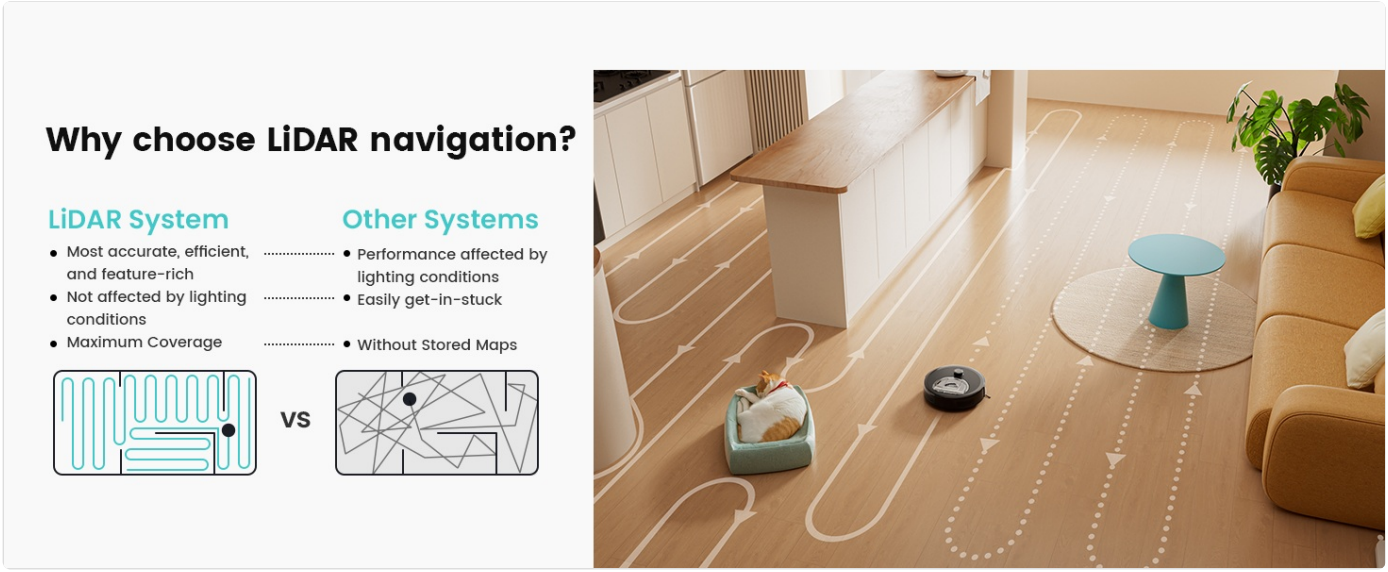


Figure 3: Visual guide for connecting the Lefant M330 Pro to the mobile application.

4. Voice Assistant Connection (Optional)

The M330 Pro supports voice control via Amazon Alexa and Google Assistant.

1. In the Lefant App, go to "Mine" -> "Voice third-party access service".
2. Record your voice account and password.
3. Open the "Alexa App" or "Google Home App" and navigate to "Skills & Games" (Alexa) or "Works with Google" (Google Home).
4. Search for "Smart Life".
5. Click "Enable To Use" and link your account using the voice account and password from Step 2.
6. Wait for the successful connection.



Figure 4: Visual guide for connecting the Lefant M330 Pro to Amazon Alexa.

Operating Instructions

Cleaning Modes

The Lefant M330 Pro offers various cleaning modes accessible via the app:

- **Auto Cleaning:** The robot intelligently navigates and cleans your home.
- **Spot Cleaning:** Focuses on a specific dirty area.
- **Edge Cleaning:** Cleans along walls and furniture edges.
- **Scheduled Cleaning:** Set specific times for the robot to clean automatically.
- **Mopping Mode:** Attach the water tank and mop pad for wet cleaning.

Using the Mopping Function

1. Fill the 200ml water tank with clean water.
2. Attach the washable mop pad securely to the water tank.
3. Slide the assembled water tank and mop pad into the designated slot on the robot.
4. Select mopping mode via the app.
5. **Important:** Always drain the water tank after mopping or before returning the robot to the charging dock to prevent water leakage and floor damage.

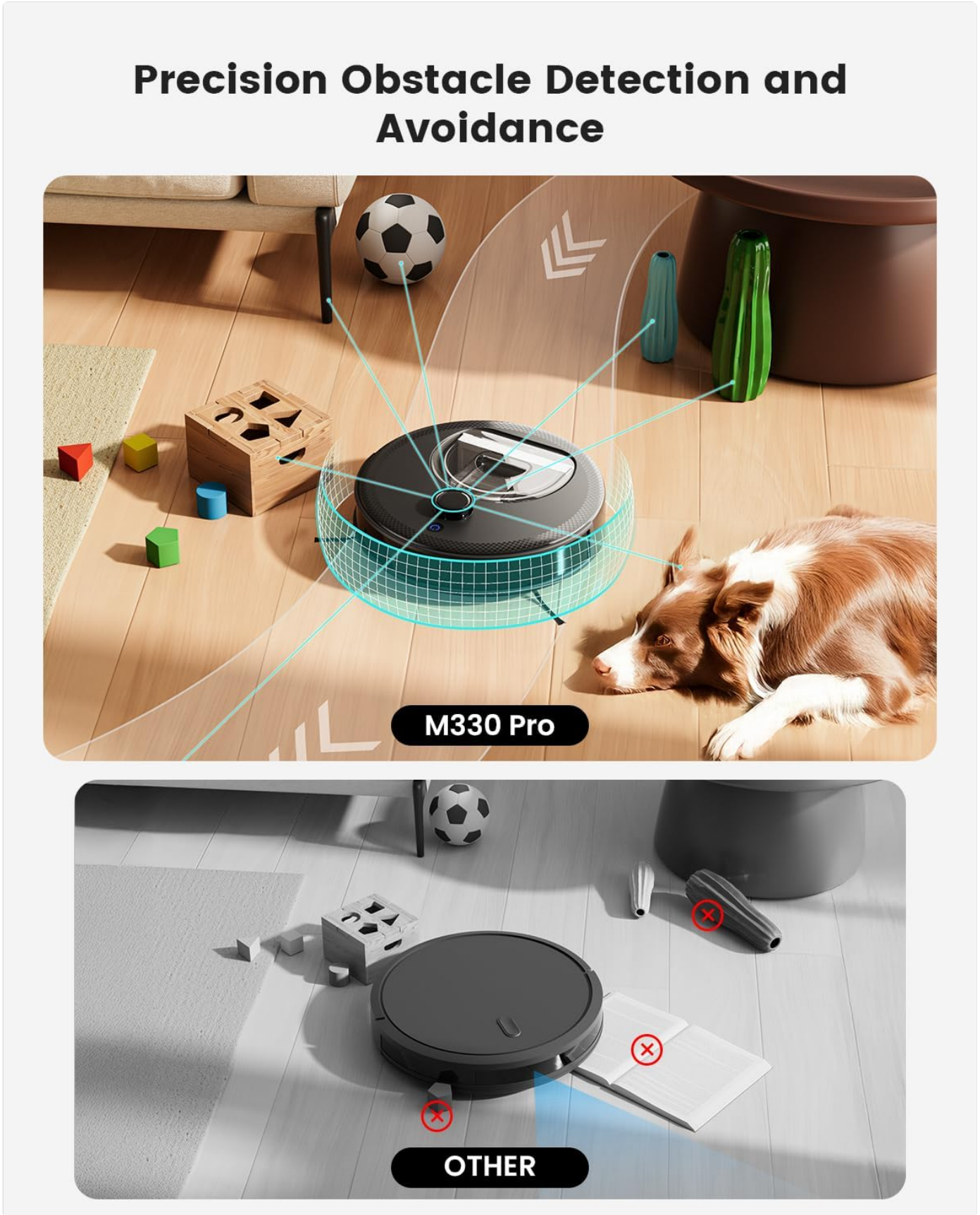


Figure 5: The M330 Pro offers 3-in-1 cleaning power, combining sweeping, vacuuming, and mopping. It features a 200ml water tank for efficient mopping.

Carpet Detection and Suction Adjustment

The M330 Pro is equipped with intelligent carpet detection:

- In mopping mode, the robot will automatically avoid carpets to prevent wetting them.
- In vacuuming mode, it will automatically boost suction power when it detects a carpet for a deeper clean.

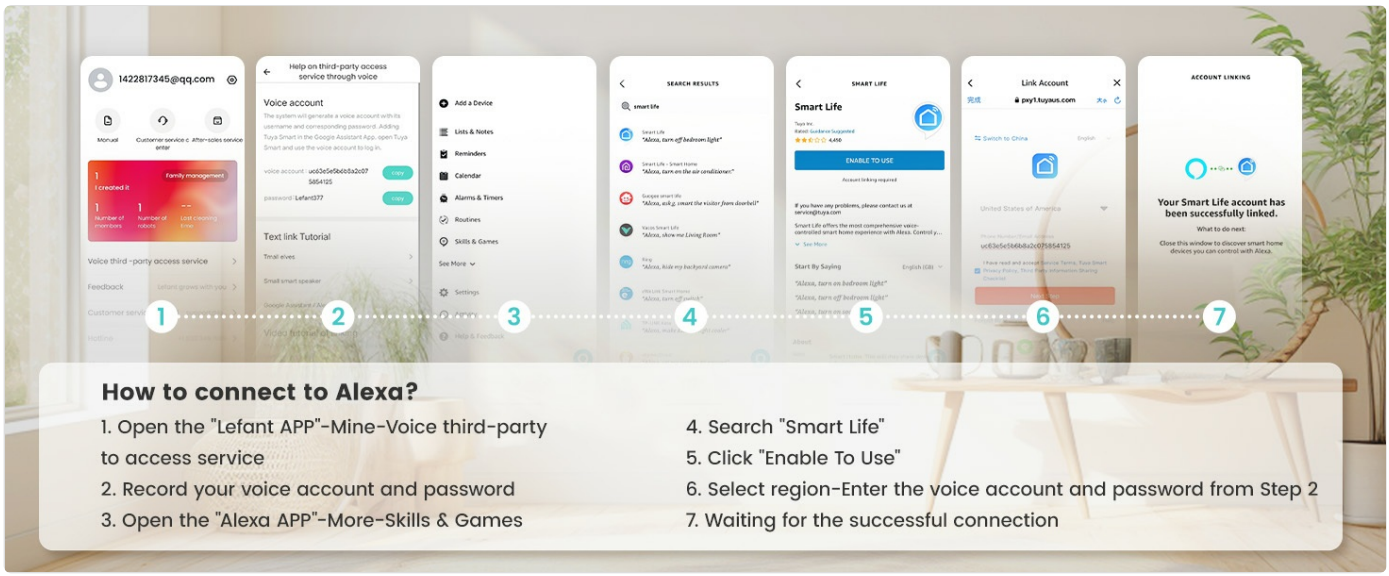


Figure 6: The robot vacuum detects carpets, avoiding them during mopping and boosting suction for vacuuming.

Setting No-Go Zones

Use the Lefant App to define specific areas the robot should avoid, such as pet feeding areas or fragile item zones.

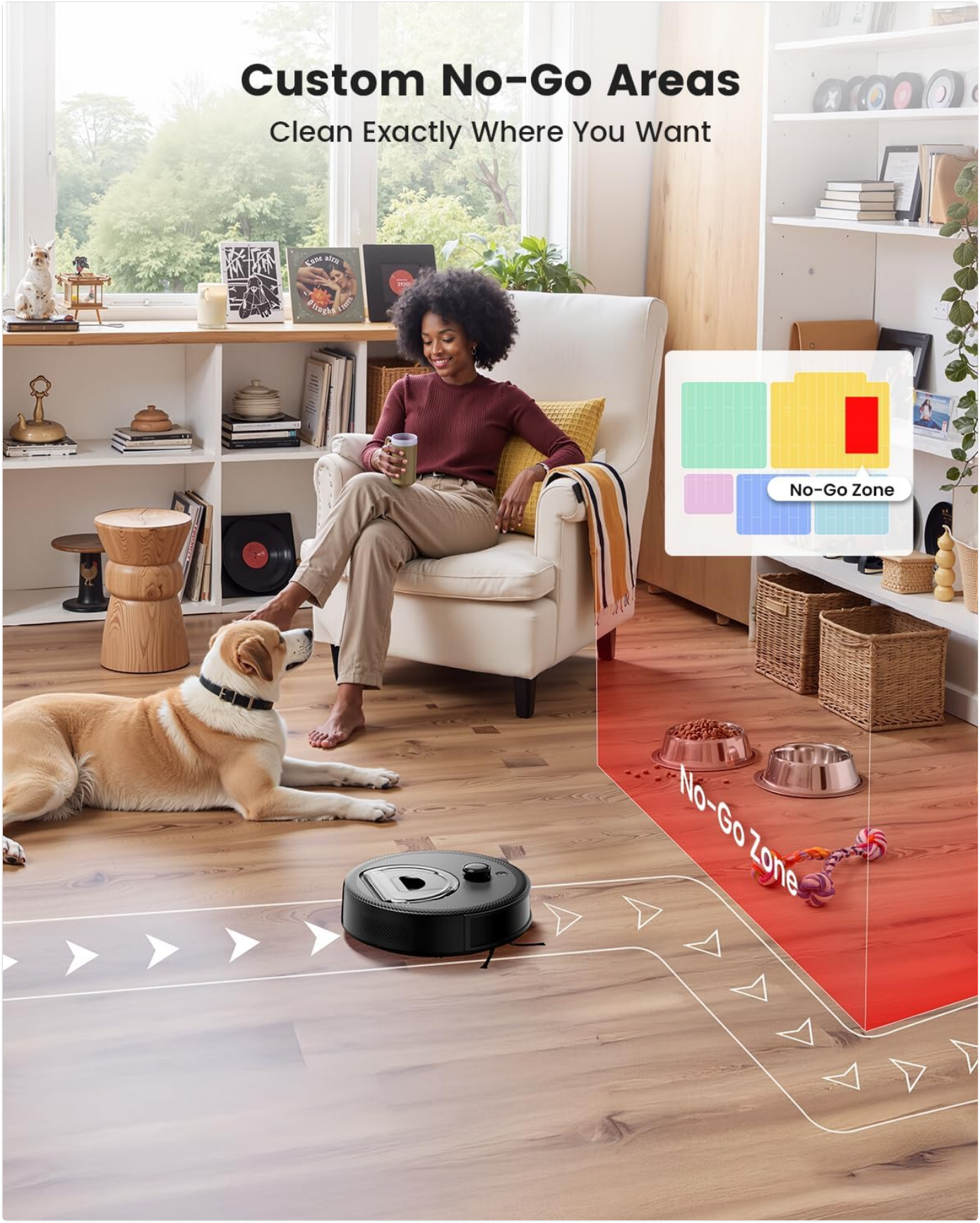


Figure 7: The app allows users to set custom no-go zones to prevent the robot from entering specific areas.

Maintenance

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

1. Emptying the Dustbin

The M330 Pro features a visible 450ml dustbin. Empty it after each cleaning cycle or when it appears full.

1. Press the dustbin release button and pull out the dustbin.
2. Open the dustbin cover and empty its contents into a trash bin.
3. Close the dustbin cover and reinsert it into the robot until it clicks into place.



Figure 8: The M330 Pro's visible 450ml dustbin allows for easy monitoring of dirt levels, reducing the frequency of emptying.

2. Cleaning the Filter

Clean the filter regularly (weekly or bi-weekly depending on usage) to maintain suction power.

- Remove the filter from the dustbin.
- Tap the filter gently to remove loose dirt.
- If washable, rinse the filter under running water. Ensure it is completely dry before reinserting.

3. Cleaning Side Brushes

Check side brushes for tangled hair or debris and clean them as needed.

- Gently pull the side brushes to remove them.
- Remove any tangled hair or debris.
- Reattach the brushes, ensuring they click into place.

4. Cleaning Sensors and Charging Contacts

Wipe the sensors and charging contacts on the robot and charging dock with a clean, dry cloth monthly.

Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Robot does not turn on.	Low battery; Power switch off.	Charge the robot; Ensure power switch is in "I" position.
Robot gets stuck frequently.	Obstacles; Uneven surfaces.	Clear cleaning path; Use no-go zones for problem areas.
Poor cleaning performance.	Full dustbin; Clogged filter; Worn brushes.	Empty dustbin; Clean/replace filter; Clean/replace side brushes.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password; Router issues; Robot too far from router.	Verify password; Restart router; Move robot closer to router. Ensure 2.4GHz or 5GHz network is used.
Water leaks from tank.	Water left in tank when not mopping; Improper installation.	Always drain water tank when not in use; Ensure tank is correctly installed.

If the problem persists, please contact Lefant customer support.

Specifications

Feature	Detail
Model Name	M330 Pro
Brand	Lefant
Navigation Type	dToF Navigation (LiDAR)
Obstacle Avoidance	190° PSD Detection

Feature	Detail
Cleaning Functions	Vacuum, Mop, Sweep (3-in-1)
Dustbin Capacity	450ml (Visible)
Water Tank Capacity	200ml
Battery Life	Up to 150 minutes
Max Cleaning Area	Up to 150 m²
Connectivity	2.4GHz & 5GHz Wi-Fi, App Control, Voice Control (Alexa, Google Assistant)
Product Dimensions	28L x 28W x 9.5H Centimetres
Color	Black

Warranty and Support

The Lefant M330 Pro comes with a**1 Year Manufacturer Guarantee**. For warranty claims, technical support, or any inquiries not covered in this manual, please contact Lefant customer service.
You can find contact information and frequently asked questions on the official Lefant website or through the Lefant App.
Visit the Official Lefant Store on Amazon

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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

Answered questions about this manual

How do I create a map of the cleaning zones for the Lefant M330 Pro robot vacuum?

To create a map and set cleaning zones for your Lefant M330 Pro, you must use the Lefant App. The robot uses dToF (Direct Time-of-Flight) navigation to scan your home and build a map...

Read full answer