

LEFANT M310

LEFANT M310 Robot Vacuum Cleaner User Manual

Your comprehensive guide to operating and maintaining your LEFANT M310 Robot Vacuum Cleaner.

1. INTRODUCTION

The LEFANT M310 Robot Vacuum Cleaner is designed to provide efficient and intelligent cleaning for your home. Featuring advanced obstacle avoidance technology, powerful suction, and smart control options, it simplifies your cleaning routine.

Key Features:

- **Advanced Obstacle Avoidance:** Equipped with 8 triangular front sensors for precise distance measurement, avoiding obstacles over 4cm away.
- **Extended Runtime:** Up to 180 minutes of cleaning on a single charge, covering areas up to 180m².
- **Powerful Tangle-Free Suction:** 4500Pa brushless motor and dual side brushes effectively pick up pet hair and debris without tangles.
- **Smart Control:** Control via the Lefant app, schedule cleanings, adjust power, and use voice commands with Alexa.
- **Compact Design:** At 7.9cm height, it easily cleans under furniture.



Figure 1.1: The LEFANT M310 Robot Vacuum Cleaner, its charging base, and the accompanying mobile application interface.

2. SETUP AND INITIAL USE

2.1 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 on a hard, level surface.
- Ensure there is at least 0.5 meters (1.6 feet) of clear space on either side of the charging base and 1.5 meters (4.9 feet) in front of it.
- Connect the power adapter to the charging base and plug it into a wall outlet.

2.2 Charging the Robot

Place the robot vacuum onto the charging base, ensuring the charging contacts align. The indicator light on the robot will show charging status. For first use, fully charge the robot (approximately 4-5 hours).

2.3 App Connection (Lefant App)

To unlock the full features of your M310, download and connect to the Lefant App.

1. Press the start button on the robot for 3 seconds to power it on.
2. Download the "Lefant Life" App from your mobile app store. You can also scan the QR code in the manual or visit mobile.useerobot.com.
3. Open the app and follow the on-screen instructions to add your device.
4. Press and hold the start button on the robot for 6 seconds until the light flashes to enter pairing mode.
5. Ensure your phone is connected to a 2.4 GHz Wi-Fi network. The M310 is only compatible with 2.4 GHz Wi-Fi.
6. Confirm your Wi-Fi password in the app and wait for the connection to complete.



Figure 2.1: Step-by-step guide for connecting your LEFANT M310 to the Lefant Life mobile application.

2.4 Voice Assistant Integration (Alexa/Google Assistant)

You can control your M310 using voice commands through Amazon Alexa or Google Assistant.

1. Connect Alexa/Google Assistant to the internet and pair it with your Lefant account.
2. Open the Lefant App, go to "Me", then find "Google Assistant/Alexa".
3. Select "Alexa" or "Google Assistant" and choose "One-click Pairing".
4. Sign in to your Amazon account (for Alexa) or Google account (for Google Assistant), click "LINK", then "Back".
5. Alexa/Google Assistant should now be successfully paired.
6. You can open the Alexa/Google Home app to view your paired devices under "Devices".



Figure 2.2: Instructions for integrating your LEFANT M310 with Amazon Alexa for voice control.

2.5 Apple Watch Control

Control your Lefant robot directly from your Apple Watch.

1. Download the Lefant App and the Lefant Watch App on your mobile phone.
2. Pair the Lefant App with your Apple Watch.
3. Select the Lefant App on your Apple Watch.
4. You will be prompted to open the Lefant App on your phone and log in.
5. Once logged in, connect your Lefant robot.
6. Return to your Apple Watch, where you can now control your robot.



Figure 2.3: Guide for controlling your LEFANT M310 using the Apple Watch application.

3. OPERATING THE ROBOT VACUUM

3.1 Cleaning Modes

The LEFANT M310 offers various cleaning modes to suit your needs:

- **Zigzag Cleaning:** The robot cleans in an efficient zigzag pattern, covering the entire area systematically.
- **Edge Cleaning:** The robot cleans along walls and furniture edges to ensure thorough cleaning of corners and perimeters.
- **Automatic Cleaning:** The robot intelligently navigates and cleans your home, adapting to different floor types and obstacles.
- **Spot Cleaning:** For concentrated dirt, the robot cleans a specific area in a spiral pattern.
- **Manual Control:** Use the app or remote control to direct the robot manually.

Larga autonomía

Consigue hasta 180 minutos de autonomía y disfruta de un hogar completamente limpio con una sola carga



Figure 3.1: Illustration of the various cleaning modes available on the LEFANT M310, including zigzag, edge, automatic, and spot cleaning.

3.2 Obstacle Avoidance

The M310 features advanced PSD obstacle avoidance technology, allowing it to detect and navigate around objects as thin as 4cm, protecting your furniture and belongings.

Tecnología mejorada de evitación de obstáculos

Evitación de obstáculos mejorada en un 50%*



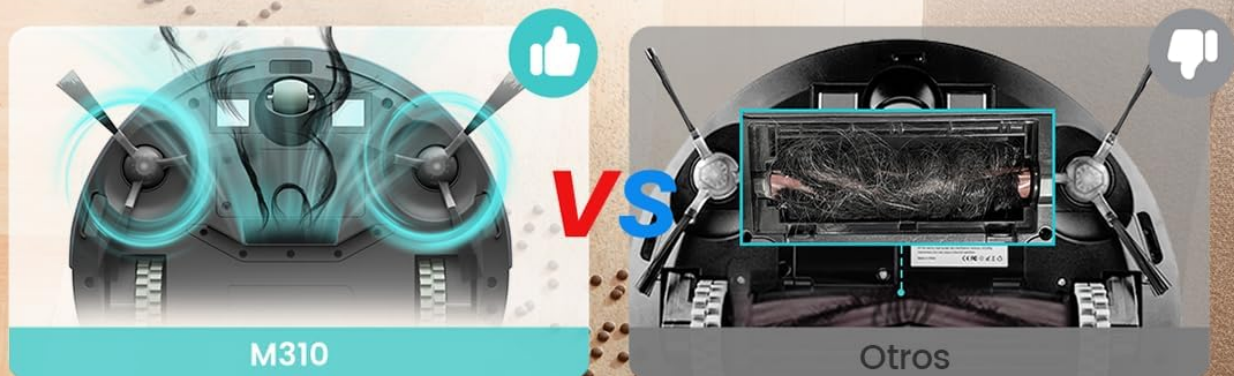
Figure 3.2: The LEFANT M310's advanced obstacle avoidance system, capable of detecting and navigating around objects as small as 4cm.

3.3 Anti-Tangle Design

With its brushless motor and dual side brushes, the M310 is designed to prevent hair tangles, making it ideal for homes with pets.

Se acabaron los enredos de pelo

Perfecto para familias con mascotas



Polvo



Pelo



Migas



Arena para
gatos



Comida para
mascotas

Figure 3.3: A visual comparison highlighting the LEFANT M310's tangle-free design, particularly effective for pet hair, compared to traditional robot vacuum designs.

4. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your LEFANT M310.

4.1 Dustbin and Filter Cleaning

The M310 features a large 550ml dustbin and an integrated filter system. It is recommended to empty the dustbin after each cleaning cycle, especially in homes with pets.

1. Press the release button to remove the dustbin from the robot.
2. Open the dustbin lid and empty its contents into a trash can.
3. Remove the HEPA filter and metal pre-filter. The metal filter can be washed with water, but the HEPA filter should not be washed.
4. Clean the HEPA filter using the provided cleaning brush to remove dust and debris.
5. Allow the washable components to air dry completely before reassembling.
6. Reinsert the filters and close the dustbin, then place it back into the robot.



Figure 4.1: Exploded view of the LEFANT M310's dustbin and filter components, illustrating the 550ml capacity and the HEPA filter system.

4.2 Side Brush Cleaning

Inspect the side brushes regularly for tangled hair or debris. Carefully pull off any tangled hair or use scissors if necessary. Replace brushes if they are worn or damaged.

4.3 Sensor Cleaning

Wipe the sensors on the robot with a clean, dry cloth to ensure they function correctly and maintain optimal obstacle avoidance.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not turn on.	Low battery; power switch off.	Charge the robot; ensure power switch is on.
Robot cannot connect to Wi-Fi.	Incorrect Wi-Fi band (not 2.4 GHz); incorrect password; robot too far from router.	Ensure 2.4 GHz Wi-Fi; re-enter password; move robot closer to router.
Robot gets stuck frequently.	Too many obstacles; dirty sensors.	Clear obstacles from cleaning path; clean sensors.
Poor cleaning performance.	Full dustbin; dirty filters; worn side brushes.	Empty dustbin; clean/replace filters; replace side brushes.
Robot does not return to charging base.	Charging base obstructed; robot too far from base.	Ensure clear path to base; manually place robot on base.

6. SPECIFICATIONS

Feature	Detail
Model Number	M310G
Dimensions	28 x 28 x 7.9 cm (11 x 11 x 3.1 inches)
Weight	3.26 kg (7.19 lbs)
Suction Power	4500 Pa
Battery Life	Up to 180 minutes
Dustbin Capacity	550 ml
Filter Type	HEPA Filter

Feature	Detail
Connectivity	2.4 GHz Wi-Fi, App Control, Alexa, Google Assistant
Power Source	Battery
Included Components	Lefant M310 Robot Vacuum, Charging Base, Power Adapter, 2 HEPA Filters, 4 Side Brushes, Cleaning Brush, User Manual

7. WARRANTY AND SUPPORT

The LEFANT M310 Robot Vacuum Cleaner comes with a **2-year warranty**. For any issues or support, please contact LEFANT customer service. You can find contact information on the official LEFANT website or through the Lefant Life App.

For additional resources and FAQs, please visit the [LEFANT Brand Store on Amazon](#).

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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