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Lefant M320

Lefant M320 Robot Vacuum Cleaner User Manual

Model: M320

1. Introduction

Thank you for choosing the Lefant M320 Robot Vacuum Cleaner. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and keep it for future reference.

The Lefant M320 is designed to simplify your cleaning routine with its advanced features:

- **Powerful 6000Pa Suction:** Effectively picks up dust, pet hair, crumbs, and debris from various surfaces.
- **Enhanced Obstacle Avoidance:** Precisely detects and prevents collisions with obstacles larger than 1.5 cm and taller than 5 cm.
- **3-in-1 Functionality:** Sweeps, vacuums, and mops simultaneously.
- **Ultrasonic Carpet Detection:** Intuitively avoids carpets in mopping mode and boosts suction in vacuum-only mode.
- **Large 800ml Visible Dustbin:** Reduces the frequency of emptying.
- **High-Efficiency HEPA Filter:** Traps small particles to prevent secondary pollution.
- **Long Runtime:** Up to 210 minutes on a single charge.
- **Smart Control:** Compatible with the Lefant App, Amazon Alexa, and Google Assistant.



Image: Overview of the Lefant M320 Robot Vacuum Cleaner's main features.

2. Product Overview

Package Contents

- Lefant M320 Robot Vacuum Cleaner
- Charging Base
- Power Adapter
- Side Brushes (2 pairs)
- HEPA Filter (1 pre-installed, 1 spare)
- Cleaning Tool
- Magnetic Mop Holder
- Disposable Mopping Cloths (sample pack)
- User Manual

Robot Components

Familiarize yourself with the different parts of your Lefant M320 robot vacuum cleaner.



Image: Top view of the Lefant M320.



Image: Bottom view of the Lefant M320.



Image: Included accessories.

3. Setup

3.1 Preparing the Environment

- Clear any loose cables, small objects, or curtains that could entangle the robot.
- Ensure the charging base is placed against a wall in an open area, with at least 0.5 meters of clear space on either side and 1.5 meters in front.
- Plug in the charging base.

3.2 Initial Charging

Place the robot on the charging base. Ensure the charging contacts align. The indicator light will show charging status. Fully charge the robot before its first use (approximately 4-5 hours).



Image: Robot vacuum charging on its base.

3.3 App Connection (Lefant App)

1. Press the robot's power button for 3 seconds to turn it on.
2. Download the 'Lefant Life' app from your App Store.

3. Press the robot's power button for 6 seconds until the light flashes to enter pairing mode.
4. Add your robot vacuum to the Lefant app.
5. Connect to a 2.4 GHz Wi-Fi network.
6. Wait for the connection to complete.



Image: Steps for connecting the Lefant M320 to the Lefant App.

3.4 Voice Assistant Connection (Alexa/Google Assistant)

1. Open the 'Lefant' app - 'Me' - 'Access to third-party voice service'.
2. Register your account and voice passwords.
3. Open the 'Alexa' app - 'More' - 'Skills & Games'.
4. Search for "Smart Life".
5. Click "Enable to Use".
6. Enter the account and password from Step 2.
7. Wait for the connection to complete.

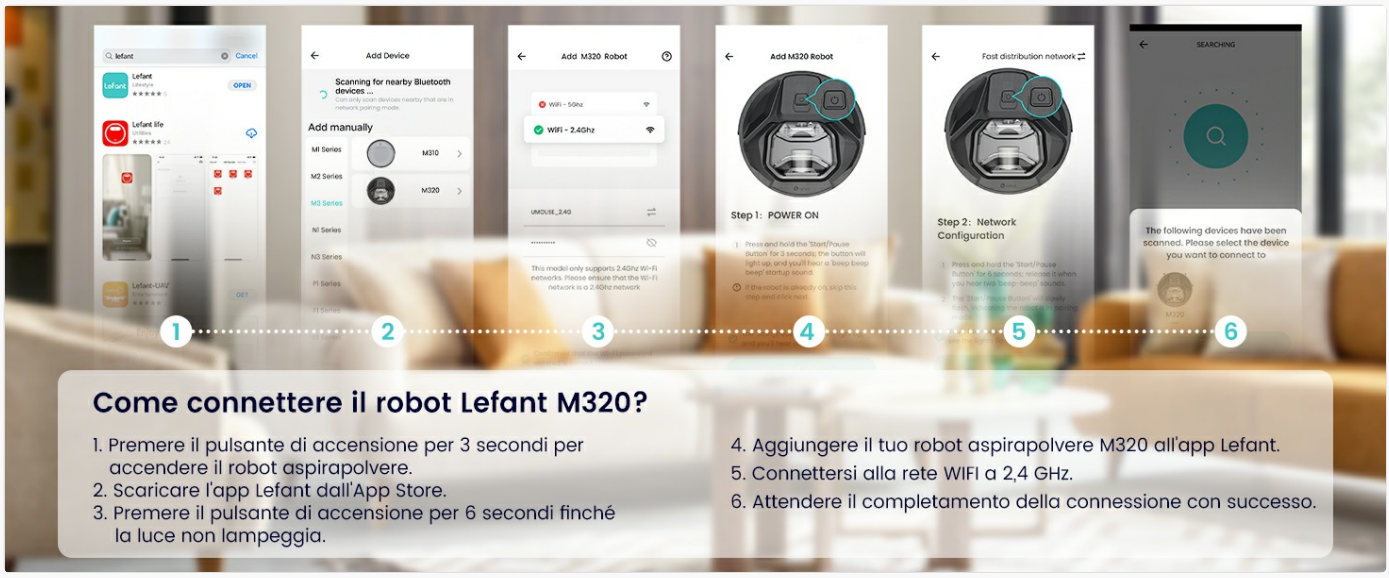


Image: Steps for connecting the Lefant M320 to Alexa.



Image: Smart voice control with Alexa and Google Assistant.

4. Operating Instructions

4.1 Starting and Stopping

- **Start Cleaning:** Press the power button on the robot or use the Lefant App.
- **Pause/Resume:** Press the power button once during cleaning.
- **Return to Charging Base:** Press the home button on the robot or use the App.

4.2 Cleaning Modes

- **Auto Cleaning:** The robot intelligently navigates to clean your entire home.
- **Zigzag Cleaning:** Efficiently cleans open areas in a systematic zigzag pattern.
- **Edge Cleaning:** Cleans along walls and furniture edges.
- **Spot Cleaning:** Concentrates cleaning on a specific area for intense dirt.



Image: Robot vacuum cleaning in a systematic path.



Image: Zigzag cleaning pattern.



Image: Edge cleaning mode.



Image: Spot cleaning mode.

4.3 Suction and Mopping

- **Vacuum Mode:** Select Standard or Max suction via the app. The robot automatically boosts suction on carpets.
- **Mopping Mode:** Attach the magnetic mop holder with a disposable cloth. The robot will automatically avoid carpets in this mode.



Image: Strong suction power demonstration.



Image: Mopping function with water.

4.4 Obstacle Avoidance and No-Go Zones

- The M320 uses advanced sensors to detect obstacles and navigate around them, reducing collisions.
- Use the Lefant App to set virtual No-Go Zones or virtual walls to restrict the robot from entering specific areas.



Image: Robot vacuum avoiding obstacles.



Image: Ultrasonic carpet detection.



Image: Smart No-Go Zones.

5. Maintenance

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

5.1 Dustbin and Filter Cleaning

1. Open the front panel and remove the dustbin.
2. Open the dustbin latch and empty the debris.
3. Remove the filter assembly.
4. Clean the pre-filter (can be washed).
5. Clean the HEPA filter (do not wash, tap to remove dust).
6. Reassemble and reinsert the dustbin.



Image: Visible 800ml dustbin.



Image: High-efficiency HEPA filter system.



Image: How to clean the dustbin and filter.

5.2 Side Brush Cleaning

Remove the side brushes and clean any tangled hair or debris. Replace them if they are worn or damaged.

5.3 Sensor Cleaning

Wipe the cliff sensors, anti-collision sensors, and charging contacts with a clean, dry cloth to ensure proper function.

6. Troubleshooting

If you encounter issues with your Lefant M320, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not turn on	Low battery; Power button not pressed long enough.	Charge the robot; Press and hold the power button for 3 seconds.
Robot does not charge	Charging contacts are dirty; Charging base not powered; Robot not properly aligned.	Clean charging contacts on both robot and base; Ensure base is plugged in; Realign robot on base.
App connection fails	Incorrect Wi-Fi password; Not connected to 2.4GHz Wi-Fi; Robot not in pairing mode.	Verify Wi-Fi password; Ensure your router supports 2.4GHz and you are connected to it; Put robot in pairing mode (press power button for 6 seconds).

Problem	Possible Cause	Solution
Poor cleaning performance	Dustbin full; Filter clogged; Side brushes worn or tangled.	Empty dustbin; Clean/replace filter; Clean/replace side brushes.
Robot gets stuck frequently	Too many obstacles; Sensors are dirty.	Clear the cleaning area; Clean all sensors.

7. Specifications

Feature	Detail
Brand	Lefant
Model Name	M320
Suction Power	6000 Pa
Battery Life	Up to 210 Minutes
Dustbin Capacity	800 ml
Filter Type	HEPA
Control Type	App Control, Voice Control (Alexa, Google Assistant)
Special Features	Anti-collision, Ultrasonic Carpet Detection, Auto-recharge
Dimensions (L x W x H)	28L x 7.8W x 28H cm
Weight	3 Kilograms
Noise Level	60 Decibels

8. Warranty & Support

8.1 Manufacturer's Warranty

The Lefant M320 Robot Vacuum Cleaner comes with a**2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Lefant Customer Support:

- **Email:** support@lefant.com (Example email, please refer to your product packaging or official website for actual contact details)
- **Website:** www.lefant.com (Example website, please refer to your product packaging or official website for actual contact details)

When contacting support, please have your model number (M320) and purchase information ready.

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.

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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.

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