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› Lefant M320G Robotic Vacuum Cleaner Instruction Manual

Lefant M320G

Lefant M320G Robotic Vacuum Cleaner Instruction Manual

Model: M320G

INTRODUCTION

The Lefant M320G Robotic Vacuum Cleaner is designed to provide efficient and convenient floor cleaning for your home. Featuring powerful 8,000 Pa suction, advanced obstacle avoidance, and a unique mop holder design, it handles various floor types including hardwood and low-pile carpets. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your M320G to ensure optimal performance and a clean living environment.



Figure 1: Lefant M320G Robotic Vacuum Cleaner and its components.

SETUP

1. Unpacking and Placement

- Carefully remove all components from the packaging.
- Place the charging dock against a wall in an open, uncluttered area, ensuring there are no obstacles within 1 meter (3 feet) to the front and 0.5 meters (1.5 feet) to the sides.
- Connect the power adapter to the charging dock and plug it into a wall outlet.



Figure 2: Proper placement of the charging dock for automatic recharging.

2. Initial Charging

Place the M320G onto the charging dock. The indicator light on the robot will show its charging status. For first-time use, ensure the robot is fully charged before operation. A full charge can take several hours.

3. App Connection (Lefant Smart App)

1. Download the "Lefant APP" from your mobile device's app store.
2. Press the start button on the robot for 3 seconds to switch it on.
3. Press the start button for 6 seconds until the light flashes to enter pairing mode.
4. Open the Lefant APP and follow the on-screen instructions to add your M320G robot vacuum.
5. Ensure your Wi-Fi network is 2.4 GHz, as the robot only supports this frequency.
6. Wait for successful connection confirmation in the app.



Figure 3: Steps for connecting your M320G to the Lefant Smart App.

4. Voice Control Setup (Alexa & Google Assistant)

1. Open the "Lefant APP" and navigate to "Mine" > "Voice 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 "Works with Google" (for Google Home).
4. Search for "Smart Life" and enable the skill/service.
5. Enter your voice account and password from Step 2.
6. Wait for successful connection confirmation. You can now control your robot with voice commands like "Alexa, ask Lefant Robot to clean."



Figure 4: Steps for integrating your M320G with Alexa or Google Assistant.

1. Cleaning Modes

The M320G offers various cleaning modes to suit different needs:

- **Automatic Cleaning:** The robot intelligently navigates and cleans the entire area.
- **Zig-zag Cleaning:** For systematic cleaning of open areas.
- **Edge Cleaning:** Focuses on cleaning along walls and furniture edges.
- **Spot Cleaning:** Concentrates on a specific dirty area for intensive cleaning.
- **Manual Cleaning:** Control the robot's movement directly via the app.



Figure 5: Various cleaning modes available for the M320G.

2. Vacuuming and Mopping Functions

The M320G combines sweeping, vacuuming, and mopping. It features a unique magnetic mop holder with a honeycomb texture design for effective dust and hair adsorption. You can use disposable face towels or a mop cloth with the holder.

- **Vacuum Mode:** Automatically enhances suction power on carpets for a deeper clean. *Note: Remove the mop attachment when vacuuming carpets.*
- **Mop Mode:** Intuitively avoids carpeted areas to prevent wetting.

All-New Mop Holder Design

Conventional tanks tend to accumulate dirt.



or



Disposable Face
Towelette

Mop Cloth

+



Magnetic Mop Holder



Install to the Body Part

Figure 6: M320G operating in Vacuum Mode (top) and Mop Mode (bottom).



Figure 7: Installation of the unique mop holder design.

3. Obstacle Avoidance and Navigation

Equipped with PSD obstacle avoidance technology and 9 sets of front triangular sensors, the M320G accurately measures distances and effectively avoids obstacles. It also features anti-drop technology to prevent falls from stairs.

- The robot slows down at a distance of 4 inches from an obstacle and turns to avoid it at 1.5 inches.

- Its slim 2.99-inch profile allows it to clean under furniture and in hard-to-reach areas.

Upgraded All-New PSD Obstacle Avoidance Technology

Obstacle avoidance improved by 50%*



Figure 8: M320G's superior obstacle avoidance in action.

**Small body can travel to all corners for
a more comprehensive cleanup**



**Using a vacuum cleaner to sweep corners requires
bending over, which is very strenuous**



Figure 9: The M320G's compact design allows it to clean under furniture.

4. Smart No-Go Zones and Carpet Detection

When the mop holder is attached, the M320G automatically recognizes and avoids carpets, preventing them from getting wet. You can also set up small carpets as virtual barriers to prevent the robot from entering specific areas like restrooms or balconies.

Q What are the advantages of the Lefant M320 over a robot vacuum with a water tank?

A The Lefant M320 robot vacuum has advantages over water tank models, including no frequent cleaning, avoiding bacterial growth, and better carpet protection.

Q Is it possible to set up barriers or exclusion zones with the Lefant M320?

A Yes, it is, but in a different way. When you use the mop holder during the sweeping process, it automatically avoids carpets. So, if you place a rug in an area you don't want to be swept, the robot vacuum will avoid that area by default.

Q Can the M320 mop holder use a washcloth instead of disposable face towelette?

A Yes, you can use a washcloth with the M320 mop holder in addition to disposable face towelette. Ensure that the washcloth is securely attached and fits properly for effective cleaning.

Figure 10: M320G's smart no-go zone recognition.

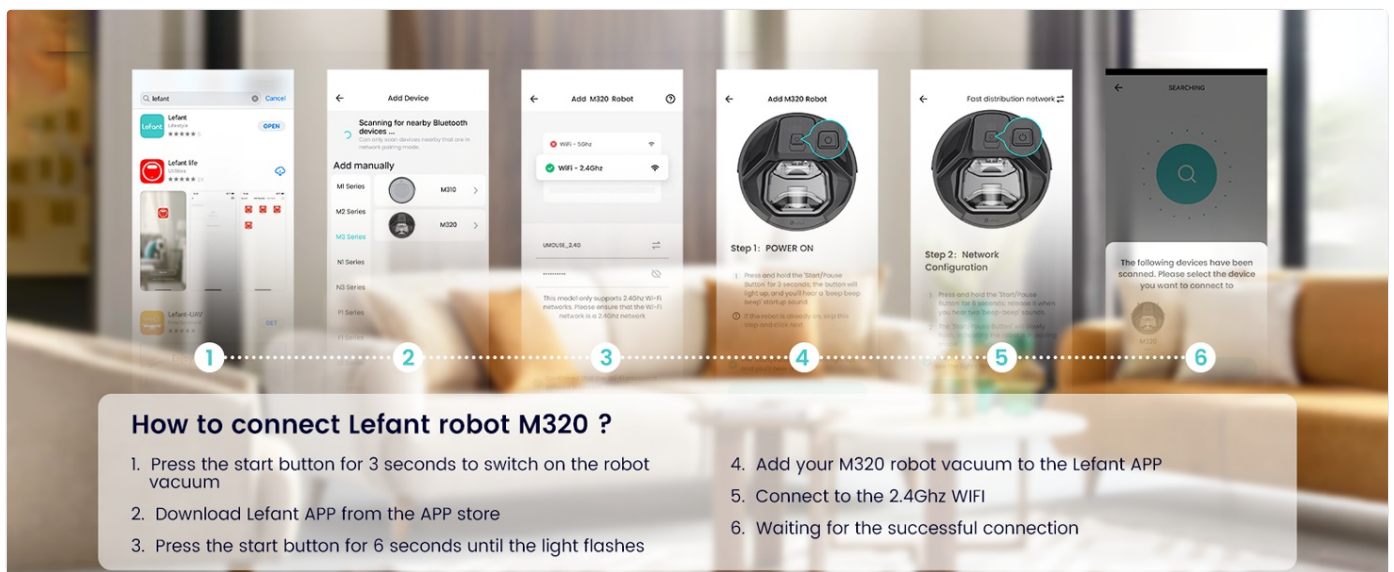


Figure 11: Ultrasonic carpet detection in action.

MAINTENANCE

1. Cleaning the Dustbin and Filters

The M320G is equipped with an 800ml transparent visual dust box and a HEPA filter system. Regular cleaning is essential for maintaining optimal suction power and preventing secondary pollution.

1. Take out the dust bin from the robot.
2. Open the dust bin latch and dump the garbage into a trash can.
3. Remove the filter assembly (pre-filter and HEPA filter).
4. Clean the pre-filter by tapping it gently to remove dust. The metal pre-filter can be washed with water.
5. Clean the HEPA filter by tapping it gently to remove dust. **Important: The HEPA filter should not touch water.**
6. Reassemble the filters and dustbin, then reinsert into the robot.

No More Hair Entanglement

Perfect for families with pets.



VS



Figure 12: The M320G's visual dust box and brushless suction port.



Figure 13: Step-by-step guide for dustbin and filter maintenance.

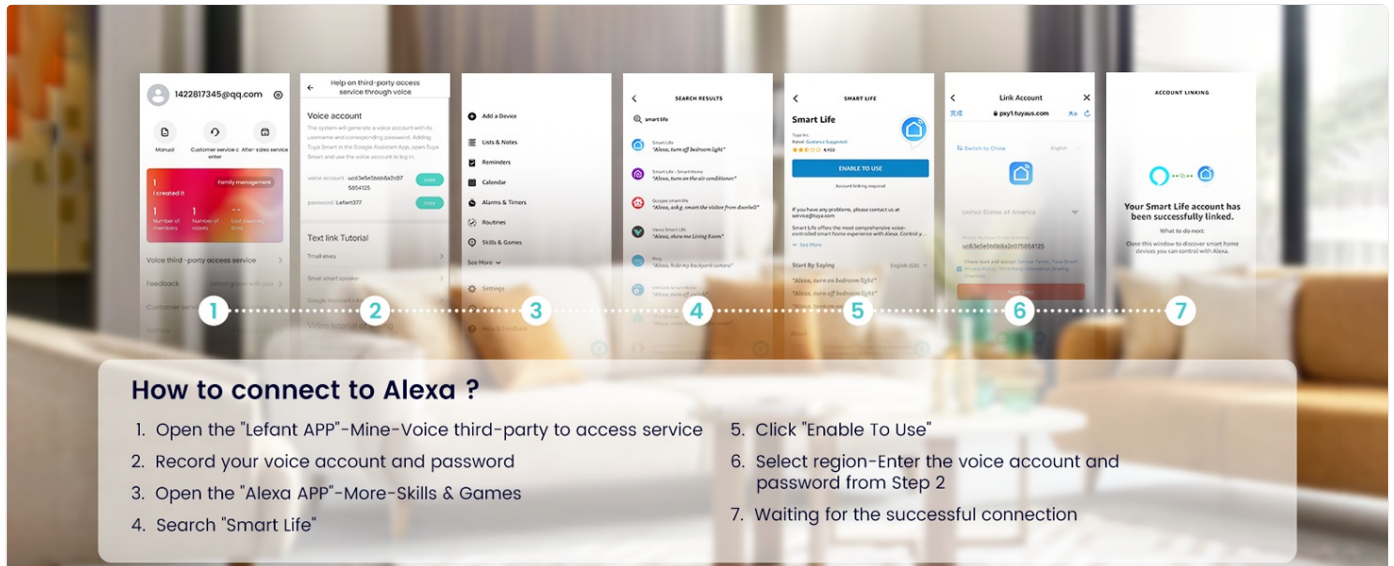


Figure 14: Components of the M320G's large dust box and high-efficiency HEPA filter.

2. Cleaning the Mop Holder

After mopping, remove the mop cloth or disposable towel from the magnetic mop holder. Clean the mop holder as needed. If using a reusable mop cloth, wash it thoroughly and allow it to dry before next use.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Lefant M320G.

Common Questions & Solutions

Q: Can the M320 robot vacuum work with a 5GHz Wi-Fi network?

A: Most robot vacuums, including the M320, only support 2.4GHz Wi-Fi. All routers are equipped with the 2.4GHz frequency band.

Q: Does the M320 robot vacuum cleaner have a mapping feature?

A: Since the M320 is not equipped with LiDAR, it does not support mapping. However, you can see real-time sweeping on the app.

Q: Is the M320 suitable for families with pets?

A: Yes. The M320 is perfect for families with pets because it uses a brushless suction port instead of a main brush. The benefit of a brushless suction port is that it doesn't tangle with hair, so you don't have to worry about maintaining a main brush.

Q: What are the advantages of the Lefant M320 over a robot vacuum with a water tank?

A: The Lefant M320 robot vacuum has advantages over water tank models, including no frequent cleaning, avoiding bacterial growth, and better carpet protection (when using the mop holder).

Q: Is it possible to set up barriers or exclusion zones with the Lefant M320?

A: Yes, but in a different way. When you use the mop holder during the sweeping process, it automatically avoids carpets. So, if you place a rug in an area you don't want to be swept, the robot vacuum will avoid that area by default.

Q: Can the M320 mop holder use a washcloth instead of disposable face towelette?

A: Yes, you can use a washcloth with the M320 mop holder in addition to disposable face towelette. Ensure that the washcloth is securely attached and fits properly for effective cleaning.



Figure 15: Common questions and answers about the M320G.



Figure 16: Additional common questions and answers about the M320G.

SPECIFICATIONS

Feature	Detail
Brand	Lefant
Model Name	M320G
Suction Power	Up to 8,000 Pa
Dustbin Capacity	800 Milliliters (Visible)
Battery Life	Up to 360 minutes (5200mAh battery)
Filter Type	HEPA
Product Dimensions	11"L x 11"W x 2.99"H
Item Weight	7.83 pounds
Control Method	App, Voice Control (Alexa, Google Assistant)
Wi-Fi Compatibility	2.4 GHz only
Special Features	Automatic Dust Collection, Edge Cleaning, Multi-Layer Air Filtration, No-Go Zone, Obstacle Avoidance (PSD Technology), Carpet Detection

Smart Voice Control

“Hey Google, Turn on the M320G”

“Hey Alexa, Turn on the M320G”



Lefant APP



Amazon Alexa



Google Assistant



2.4GHz WiFi Only

Figure 17: M320G's enhanced battery and runtime specifications.

WARRANTY AND SUPPORT

Lefant products are manufactured to high quality standards. For specific warranty information regarding your M320G Robotic Vacuum Cleaner, please refer to the warranty card included in your product packaging or visit the official Lefant website. If you encounter any issues or require technical assistance, please contact Lefant customer support through their official channels. Providing your model number (M320G) and purchase details will help expedite your support request.

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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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