Lefant M2 Plus

Lefant M2 Plus Robot Vacuum Cleaner Instruction Manual

Model: M2 Plus

1. PRODUCT OVERVIEW

The Lefant M2 Plus is an advanced 3-in-1 robot vacuum cleaner designed for comprehensive floor care. It combines sweeping, vacuuming, and mopping functions to effectively remove dust, pet hair, and stubborn stains from various surfaces including hard floors, carpets, and tiles. Featuring powerful 6000Pa suction, dToF laser navigation, and PSD obstacle avoidance, the M2 Plus ensures efficient and thorough cleaning.

The Lefant M2 Plus Robot Vacuum Cleaner operating in a modern living room environment.

Key Features:

- **3-in-1 Cleaning:** Sweeping, vacuuming, and mopping with a 300ml water tank and washable/disposable wipes.
- **Powerful Suction:** 6000Pa suction with automatic carpet detection and boost.
- **Advanced Navigation:** dToF laser navigation for precise mapping and 9 PSD sensors for real-time obstacle avoidance.
- **Multi-Map Management:** Stores up to 3 different maps for multi-story homes, with customizable

zones.

- **Automatic Dust Emptying:** Self-emptying station with a 2.5L dust bag, providing up to 40 days of hands-free cleaning.
- **Smart Resume:** Automatically returns to charging when battery is low and resumes cleaning from where it left off.
- **Dual-Band Wi-Fi:** Stable 2.4G/5G Wi-Fi connectivity for seamless app control.

2. WHAT'S IN THE BOX

Carefully unpack the contents and ensure all items are present. The package includes:

An illustration showing all components included in the Lefant M2 Plus package.

- Robot Vacuum Cleaner x1
- Automatic Emptying Station x1
- Mop Holder x1
- Power Cord x1
- Instruction Manual x1
- Dust Bag x2
- Washable Mop Cloth x1

- HEPA Filter x4
- Cleaning Tool x1
- Side Brush x2
- Filter Sponge x2

Your browser does not support the video tag.
Video demonstrating the unboxing and quick setup of the Lefant M2 Plus robot vacuum cleaner.
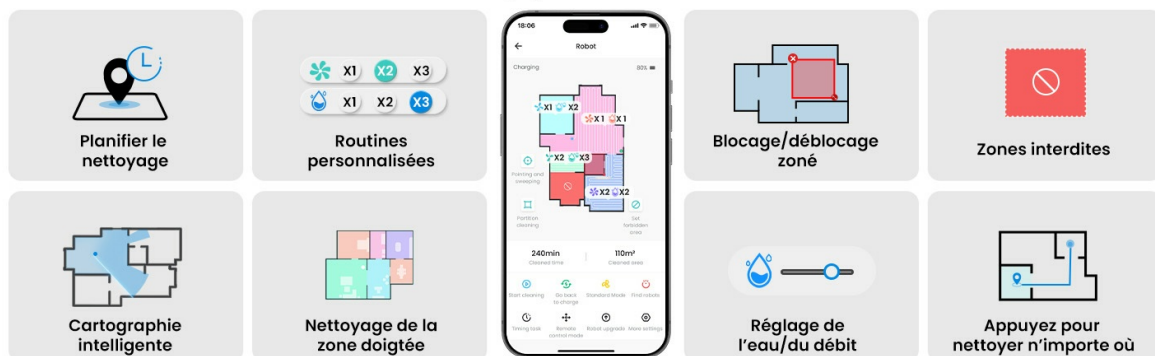
3. SETUP GUIDE

3.1 Initial Preparation

1. Remove all protective films from the robot vacuum cleaner, especially from the infrared lens.
2. Install the side brushes by pressing them firmly into their designated slots on the underside of the robot.
3. Open the silicone plug on the water tank, fill it with clean water, and securely close the plug.
4. Attach the mop cloth to the mop holder and slide the assembly horizontally into the robot vacuum cleaner until it clicks into place.

3.2 Charging Station Placement

Place the charging station against a wall on a flat surface. Ensure there are no objects within 0.5 meters (1.6 feet) on either side of the station and 1.5 meters (4.9 feet) in front of it to allow the robot to dock properly.

The Lefant M2 Plus robot vacuum and its automatic emptying station, highlighting the 75-day hands-free cleaning capability.

3.3 Power Connection

1. Connect the power adapter to the charging station.
2. Plug the adapter into a power outlet and turn on the power. The indicator light on the charging station will illuminate, confirming proper power connection.
3. Place the robot vacuum cleaner onto the charging station. The power indicator light on the robot will flash, indicating it is aligned and charging.

3.4 App Connection

1. Download the 'Lefant' app from your app store.
2. Ensure your phone is connected to a 2.4GHz Wi-Fi network. (5G Wi-Fi is not supported for initial pairing).
3. Open the app and click 'Add Device'. Select the M2 Plus model.
4. Follow the in-app instructions to power on the robot (press and hold the power button for 3 seconds until the light turns on and you hear a voice prompt).
5. Activate network configuration mode on the robot (press and hold the power button for 6 seconds until you hear a voice prompt and the light flashes).
6. Enter your Wi-Fi password in the app and confirm it is correct.
7. Wait for the app to detect and pair with the robot.

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Video guide on connecting the Lefant M2 Plus to the mobile app and creating a cleaning map.

3.5 Connecting to Alexa

1. Open the third-party app 'Lefant APP Mine-Voice' to access the service.
2. Register your voice account and password.
3. Open the Alexa app, go to 'Skills & Games'.
4. Search for 'Smart Life'.
5. Click 'Enable to Use'.
6. Select your region and enter the voice account and password from step 2.
7. Wait for the connection to succeed.

Visual guide for connecting your Lefant M2 Plus to Amazon Alexa for voice control.

4. OPERATING INSTRUCTIONS

4.1 Starting a Cleaning Cycle

Press the power button on the robot once to start a cleaning cycle. The robot will automatically begin cleaning based on its current map or create a new one if it's the first run.

4.2 Smart Mapping and Navigation

The M2 Plus uses dToF LiDAR navigation to create precise maps of your home, even in the dark. It can store up to 3 different maps, making it ideal for multi-story homes. Through the app, you can define specific cleaning areas, set no-go zones, and schedule cleaning routines.
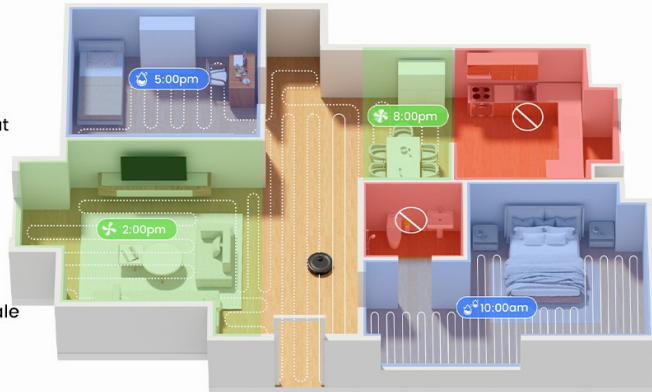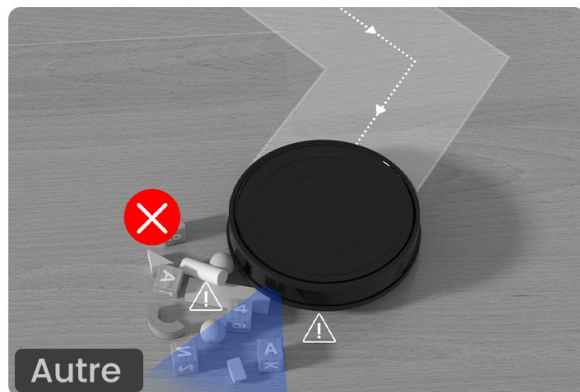

The robot's LIDAR navigation system actively mapping a room for efficient cleaning.

4.3 Obstacle Avoidance

Equipped with 9 PSD sensors, the robot detects and avoids obstacles in real-time, including transparent or dark objects, ensuring a complete and safe cleaning process.

The robot demonstrating its PSD obstacle avoidance technology, navigating around various items.

4.4 App Control and Customization

The Lefant app provides full control over your robot. You can:

- Schedule cleaning times.
- Adjust water flow and suction power.
- Define no-go zones to prevent the robot from entering specific areas.
- Select specific rooms or areas for cleaning.
- Monitor cleaning progress and battery level.

Nettoyage mains libres de 75 jours

Le nombre de semaines nécessaires pour remplir le sac à poussière peut varier en fonction des différents environnements et conditions.

jusqu'à **75 JOURS** Capacité

Sac à poussière de 2,5 L

5G WIFI 2.4G

75 jours

The Lefant app interface displaying options for personalized cleaning, including water flow, suction, no-go zones, and room selection.

4.5 Voice Control

The M2 Plus is compatible with Alexa and Google Assistant, allowing you to start, stop, or send the robot back to its charging station using voice commands.

A user controlling the Lefant M2 Plus robot vacuum cleaner using voice commands through a smart assistant.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Lefant M2 Plus robot vacuum cleaner.

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Video tutorial on how to clean and maintain your Lefant M2 Plus robot vacuum cleaner.

5.1 Cleaning the Robot

1. Wipe the infrared lens and radar with a dry cloth.
2. Clean the charging plates on the robot with a dry cloth.
3. Remove the side brush by pulling it upwards. Clean the brush and replace it if worn.
4. If the mop was used, press the buttons on both sides of the mop support to detach it. The mop cloth

and support can be rinsed with water.

5. Press the latch to remove the roller brush frame, then remove the roller brush. Clean the roller brush with the provided cleaning tool and rinse it with water. The frame can also be rinsed.

6. Clean the anti-drop sensors, side wheel, and the groove of the roller brush with a dry cloth or mop.

7. Press the button to remove the dustbin component. Clean the dustbin thoroughly.

8. Remove the pre-filter, sponge, and filter cartridge from the dustbin. The sponge and filter cartridge cannot be washed with water; clean them with a brush and tap to remove debris. Replace the filter cartridge as needed. The pre-filter can be rinsed with water.

9. Open the rubber stopper on the dustbin and pour out any remaining water. The dustbin can be washed with water.

10. After air-drying all washed components, reinstall them in reverse order.

5.2 Cleaning the Charging Station

1. Disconnect the power from the charging station.

2. The base station cannot be washed with water. Clean the infrared lens, charging plates, and dust collection opening with a dry cloth or mop.

3. Open the top cover, lift the old dust bag, and dispose of it.

4. Clean the dust bag compartment and the dust collection opening with a dry cloth.

5. Insert a new dust bag, aligning it with the groove, and close the top cover.

6. Reconnect the power adapter to the station and power on.

6. TROUBLESHOOTING

If you encounter issues with your Lefant M2 Plus, please refer to the following common solutions:

- **App Pairing Failure:**

  - Ensure the Wi-Fi password is correct.
  - Verify your Wi-Fi network is 2.4 GHz.
  - Check for a stable Wi-Fi network connection.
  - Confirm the device is in network configuration mode (flashing light on the power button).

- **Robot Not Charging:** Ensure the robot is properly aligned with the charging station and the station's indicator light is on. Clean the charging contacts on both the robot and the station.

- **Poor Cleaning Performance:** Clean the main brush, side brushes, and filters. Empty the dustbin. Check if the water tank is filled for mopping.

- **Robot Stuck or Avoiding Areas:** Clear any obstacles or loose cables. Check if no-go zones are correctly set in the app. Clean the anti-drop sensors.

For more detailed troubleshooting or specific error codes, please consult the Lefant app or contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Lefant
Model Number	M2 Plus
Color	Black
Product Dimensions (L x W x H)	32 x 32 x 9.5 cm (12.6 x 12.6 x 3.7 inches)
Weight	6.15 Kilograms (13.56 lbs)
Dustbin Capacity	2.2 Liters
Voltage	19 Volts
Battery Life	140 minutes (2 hours and 20 minutes)
Compatibility	Smartphone (App Control), Button Control, Voice Control (Alexa, Google Assistant)
Special Features	Bagless Automatic Dump Station, Custom Cleaning, DToF Navigation (Scan Range: 15m), PSD Obstacle Avoidance, Works with WiFi/APP/Alexa
Surface Recommendation	Hard floor, carpet, parquet, tile
Filter Type	Cartridge

8. WARRANTY AND SUPPORT

The Lefant M2 Plus comes with a 2-year warranty and lifetime technical assistance, ensuring peace of mind for your purchase.

Customer Support:

For any inquiries or technical assistance, please contact us at: support.eu@lefant.com