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> LEFANT M330 PRO Robotic Vacuum Cleaner User Manual

LEFANT M330 PRO

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Model: M330 PRO

1. INTRODUCTION

Thank you for choosing the LEFANT M330 PRO Robotic Vacuum Cleaner. This manual provides important information on how to use, maintain, and troubleshoot your robotic vacuum cleaner. Please read this manual carefully before using the product and keep it for future reference.

2. SAFETY INSTRUCTIONS

To reduce the risk of injury or damage, read these safety instructions carefully and keep them accessible when setting up, using, and maintaining your robot.

- Do not use the robot outdoors or on wet surfaces.
- Do not allow children to operate the robot. Supervise children and pets when the robot is operating.
- Store the robot in a safe place when not in use.
- Do not handle the robot or charging dock with wet hands.
- Do not use the robot to pick up large debris, liquids, or burning objects.
- Ensure the power voltage is compatible with the robot's requirements.
- Unplug the charging dock during lightning storms or when not in use for long periods.
- Do not use the robot if it is damaged or malfunctioning. Contact customer support.

3. PACKAGE CONTENTS

Please check if all parts are included in the package:

- LEFANT M330 PRO Robotic Vacuum Cleaner
- Charging Dock
- Power Adapter
- Side Brushes (2 pairs)
- Dust Bin

- Cleaning Tool
- User Manual

4. PRODUCT DIAGRAM



Figure 4.1: Top view of the LEFANT M330 PRO Robotic Vacuum Cleaner. The image shows the circular robotic vacuum cleaner in dark grey. Visible features include the power button, the dustbin compartment with a transparent lid, and side brushes extending from the front sides.

4.1 Top View Components

1. **Power/Clean Button:** Press to start/pause cleaning.
2. **Dust Bin Release Button:** Press to remove the dust bin.
3. **Dust Bin:** Collects dust and debris.
4. **LIDAR Sensor (if applicable):** For navigation and mapping.

4.2 Bottom View Components

1. **Side Brushes:** Sweep debris into the vacuum path.
2. **Driving Wheels:** Allow the robot to move.
3. **Charging Contacts:** Connect with the charging dock.

4. **Drop Sensors:** Prevent the robot from falling down stairs.
5. **Universal Wheel:** Provides directional movement.
6. **Suction Inlet:** Where debris is vacuumed.

5. SETUP

5.1 Install Side Brushes

Attach the side brushes to the square posts on the bottom of the robot until they click into place. Ensure the L and R markings on the brushes match the corresponding markings on the robot.

5.2 Place the Charging Dock

Place the charging dock on a hard, level surface against a wall. Ensure there is at least 1 meter (3 feet) of clear space to the front and 0.5 meters (1.5 feet) to each side of the charging dock. Plug the power adapter into the charging dock and then into a wall outlet.

5.3 Charge the Robot

Place the robot on the charging dock, ensuring the charging contacts on the robot align with those on the dock. The indicator light on the robot will show charging status. For first-time use, fully charge the robot for at least 6 hours.

6. OPERATING

6.1 Starting a Cleaning Cycle

Press the power button on the robot or use the LEFANT app (if applicable) to start a cleaning cycle. The robot will automatically clean your floors and return to the charging dock when the battery is low or cleaning is complete.

6.2 Pausing/Resuming Cleaning

Press the power button once during a cleaning cycle to pause the robot. Press it again to resume cleaning.

6.3 Returning to Charging Dock

The robot will automatically return to the charging dock when its battery is low. You can also manually send it back by pressing the home button on the app (if applicable) or holding the power button on the robot for 3 seconds.

6.4 Cleaning Modes (if applicable)

- **Auto Cleaning:** Default mode, robot cleans systematically.
- **Spot Cleaning:** Robot cleans a specific area in a spiral pattern.
- **Edge Cleaning:** Robot cleans along walls and furniture edges.

7. MAINTENANCE

Regular maintenance ensures optimal performance of your robot.

7.1 Emptying the Dust Bin

Press the dust bin release button and pull out the dust bin. Open the dust bin lid and empty its contents. It is recommended to empty the dust bin after each use.

7.2 Cleaning the Filter

Remove the filter from the dust bin. Tap the filter gently to remove dust. Do not wash the HEPA filter with water. Replace the filter every 2-3 months, depending on usage.

7.3 Cleaning Side Brushes

Remove the side brushes by pulling them upwards. Use the cleaning tool to remove any hair or debris wrapped around the brushes. Reinstall them, ensuring they click into place.

7.4 Cleaning Sensors and Charging Contacts

Wipe the drop sensors and charging contacts on the robot and charging dock with a clean, dry cloth. This prevents charging and navigation issues.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not turn on.	Battery is low or dead.	Place the robot on the charging dock and ensure it is fully charged.
Robot cannot find charging dock.	Charging dock is blocked or not powered.	Ensure the charging dock is plugged in and there are no obstacles around it.
Robot gets stuck frequently.	Too many obstacles or tangled wires.	Clear the area of loose cables, rugs, or small objects before cleaning.
Poor cleaning performance.	Dust bin full or filter clogged.	Empty the dust bin and clean/replace the filter. Clean side brushes.

9. SPECIFICATIONS

Feature	Detail
Model	LEFANT M330 PRO
Battery Type	Lithium-ion
Charging Time	Approx. 5-6 hours
Cleaning Time	Up to 120 minutes (depending on mode)
Dust Bin Capacity	Approx. 500 ml
Noise Level	< 60 dB
Dimensions	(Specific dimensions not provided, placeholder) e.g., 300mm x 300mm x 76mm

10. WARRANTY AND SUPPORT

LEFANT provides a limited warranty for this product. Please refer to the warranty card included in your package for detailed terms and conditions. For technical support, troubleshooting, or warranty claims, please contact LEFANT customer service:

- **Website:** www.lefant.com

- **Email:** support@lefant.com
- **Phone:** (Refer to your region's support contact information)

When contacting support, please have your model number (M330 PRO) and purchase information ready.