

Lenovo X1

Lenovo X1 Robotic Vacuum Cleaner User Manual

Model: X1

1. INTRODUCTION

Thank you for choosing the Lenovo X1 Robotic Vacuum Cleaner. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before using the product and retain it for future reference.

The Lenovo X1 is designed to provide efficient dry and wet cleaning for various floor types, featuring intelligent navigation, powerful suction, and app control for a convenient cleaning experience.

2. SAFETY INFORMATION

To reduce the risk of injury or damage, read and follow all safety precautions:

- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Do not use the vacuum cleaner in wet environments or near water.
- Ensure the charging dock is placed against a wall on a hard, level surface, away from stairs or drop-offs.
- Remove any loose cables, small objects, or fragile items from the cleaning path to prevent entanglement or damage.
- Do not allow the vacuum cleaner to pick up large or sharp objects, liquids, or burning/smoking materials.
- Only use the original power adapter and charging dock provided with the device.
- Regularly clean the brushes and sensors to maintain optimal performance and prevent damage.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Lenovo X1 Robotic Vacuum Cleaner
- Charging Dock

- Power Adapter
- Side Brushes (2x)
- Main Brush
- Dust Bin
- Water Tank
- Mopping Pads (reusable and/or disposable)
- Cleaning Tool
- User Manual
- Battery (pre-installed)

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your Lenovo X1 Robotic Vacuum Cleaner.



Figure 4.1: Top view of the Lenovo X1 Robotic Vacuum Cleaner.

- **Top Cover:** Protects internal components.

- **LDS Lidar Sensor:** For precise navigation and mapping.
- **Power/Clean Button:** Starts or pauses cleaning, powers on/off.
- **Home/Recharge Button:** Sends the robot back to the charging dock.
- **Bumper:** Detects obstacles.
- **Side Brushes:** Sweep debris into the main brush path.
- **Main Brush:** Collects dirt and debris from the floor.
- **Driving Wheels:** Allow movement across various surfaces.
- **Charging Contacts:** Connects to the charging dock.
- **Drop Sensors:** Prevent the robot from falling down stairs.
- **Dust Bin:** Collects dry debris.
- **Water Tank:** Holds water for wet mopping.



Figure 4.2: Side view of the Lenovo X1 Robotic Vacuum Cleaner.

5.1 Unpacking and Initial Preparation

1. Remove all packaging materials and protective films from the vacuum cleaner and its accessories.
2. Attach the side brushes by pressing them onto the designated posts until they click into place.

5.2 Charging Dock Placement

Proper placement of the charging dock is crucial for the robot's navigation and automatic recharging.

- Place the charging dock against a wall in an open area, ensuring at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (4.9 feet) in front.
- Connect the power adapter to the charging dock and plug it into a wall outlet. Ensure the cable is neatly tucked away to prevent entanglement.
- The charging dock indicator light should illuminate, indicating it is powered on.

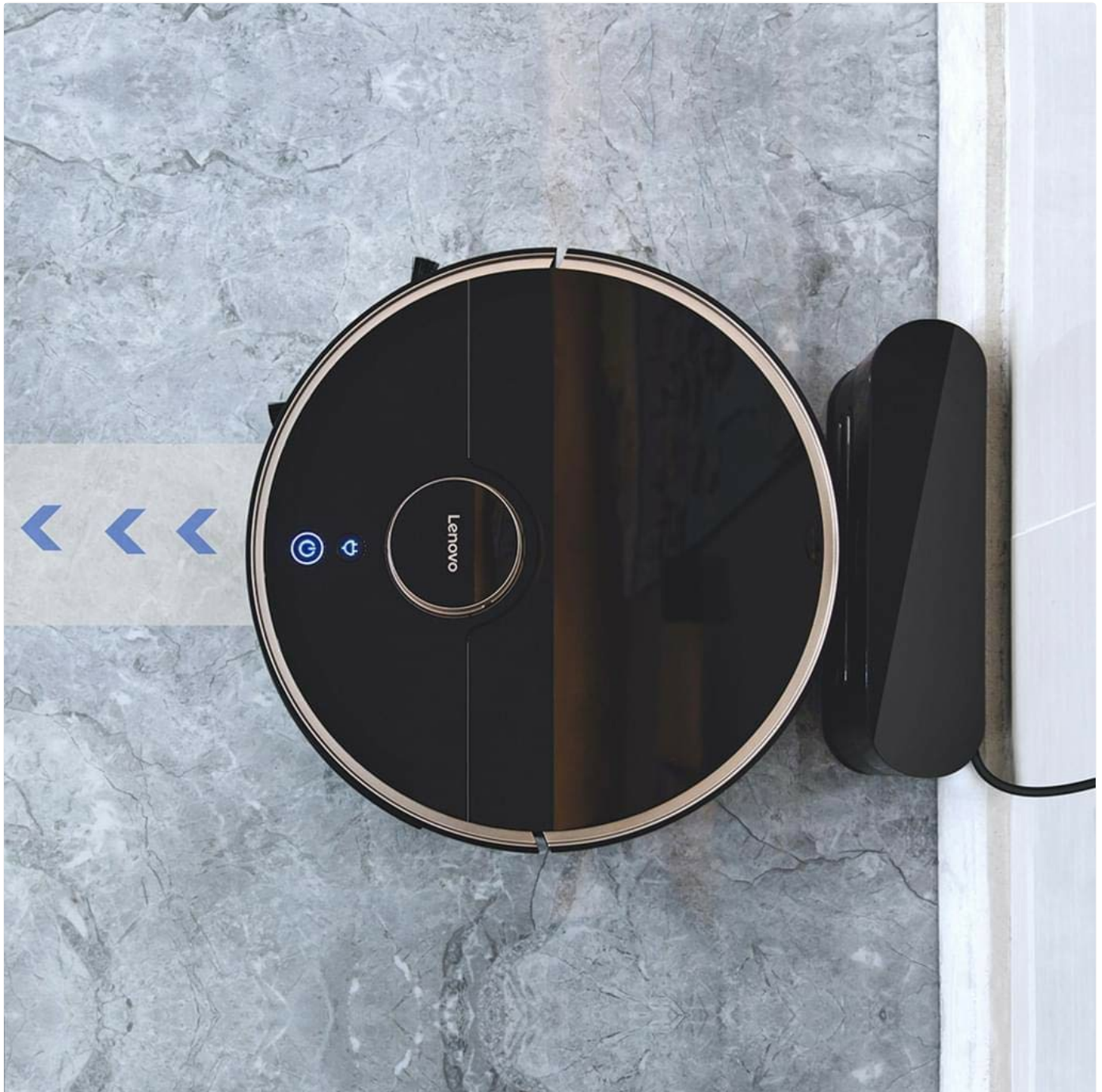


Figure 5.1: Robotic vacuum returning to its charging dock.

5.3 Initial Charge

Before first use, fully charge the robotic vacuum cleaner.

1. Place the robot onto the charging dock, aligning its charging contacts with those on the dock.
2. The robot will emit a sound and the indicator light will pulse, indicating it is charging.
3. Allow approximately 4-5 hours for a full charge. The indicator light will turn solid when fully charged.

5.4 App Installation and Connection

The Lenovo X1 can be controlled via a dedicated mobile application.

1. Download the 'Lenovo Cleaner' app from your smartphone's app store (iOS or Android).
2. Open the app and follow the on-screen instructions to create an account and add your device.
3. Ensure your Wi-Fi network is 2.4GHz for successful connection.

6. OPERATING INSTRUCTIONS

6.1 Starting/Stopping Cleaning

- **Start Cleaning:** Press the Power/Clean button on the robot or tap 'Start' in the app. The robot will begin cleaning in Auto mode.
- **Pause Cleaning:** Press the Power/Clean button during operation or tap 'Pause' in the app.
- **Return to Dock:** Press the Home/Recharge button on the robot or tap 'Recharge' in the app.



Figure 6.1: Robotic vacuum in operation.

6.2 Cleaning Modes

The Lenovo X1 offers various cleaning modes accessible via the mobile app:

- **Auto Cleaning:** The robot intelligently maps your home using LDS lidar and cleans systematically.
- **Spot Cleaning:** Directs the robot to clean a specific area more intensely.
- **Edge Cleaning:** The robot cleans along walls and furniture edges.
- **Custom Area Cleaning:** Define specific areas on the app's map for the robot to clean.

6.3 Advanced App Features

The mobile app provides enhanced control and customization:

- **Scheduling:** Set specific times for the robot to clean automatically.
- **No-Go Zones/Virtual Walls:** Define areas the robot should avoid.
- **Multi-Floor Map Management:** Store and manage maps for different floors of your home.

- **Suction Power Adjustment:** Adjust suction levels (e.g., increases automatically on carpets).

6.4 Wet Mopping Function

To use the wet mopping function:

1. Fill the water tank with clean water. Do not use detergents or cleaning solutions that are not approved for robotic vacuums.
2. Attach a clean mopping pad to the water tank.
3. Insert the water tank assembly into the robot.
4. Start a cleaning cycle. The robot will vacuum and mop simultaneously.
5. Remove the water tank and mopping pad after each mopping session and empty any remaining water.

6.5 Product Feature Overview Video

Watch this video for a visual demonstration of the Lenovo X1's key features and capabilities, including its navigation, cleaning modes, and smart functions.

Your browser does not support the video tag.

Video 6.1: Detailed features of the Lenovo X1 Robotic Vacuum Cleaner.

7. MAINTENANCE

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

7.1 Dust Bin Emptying

- Press the dust bin release button and pull out the dust bin.
- Open the dust bin cover and empty its contents into a trash can.
- Rinse the dust bin with water if necessary, ensuring it is completely dry before reinserting.

7.2 Filter Cleaning/Replacement

- Remove the filter from the dust bin.
- Tap the filter gently to remove loose dirt. You may rinse it under running water.
- Allow the filter to air dry completely for at least 24 hours before reinstallation. Do not use a dryer.
- Replace the filter every 3-6 months, depending on usage.

7.3 Brush Cleaning

- **Main Brush:** Remove the main brush cover and lift out the main brush. Use the provided cleaning tool to cut and remove any tangled hair or debris.
- **Side Brushes:** Pull the side brushes off their posts. Remove any tangled hair or debris. If brushes are worn, replace them.

7.4 Sensor Cleaning

- Wipe the drop sensors (located on the bottom of the robot) and the charging contacts (on the robot and dock) with a clean, dry cloth.
- Clean the LDS lidar sensor window on the top of the robot.

7.5 Mopping Pad Maintenance

- After each mopping session, remove the mopping pad from the water tank.
- Wash reusable mopping pads by hand or machine. Allow them to air dry completely.
- Dispose of eco-disposable mopping pads after use.

8. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Robot does not power on.	Low battery; Power adapter not connected.	Charge the robot fully; Ensure power adapter is securely connected to dock and outlet.
Robot cannot return to charging dock.	Dock is obstructed; Robot is too far from dock; Dock is not powered.	Clear obstacles around the dock; Manually place robot near dock; Check dock power.
Cleaning performance is poor.	Dust bin full; Brushes tangled; Filter clogged; Sensors dirty.	Empty dust bin; Clean main and side brushes; Clean/replace filter; Wipe sensors.
Robot gets stuck frequently.	Obstacles on floor; Robot stuck on high thresholds.	Clear floor of cables and small items; Use no-go zones for problematic areas.
App connection issues.	Incorrect Wi-Fi password; Router is 5GHz; Robot too far from router.	Verify Wi-Fi password; Ensure 2.4GHz Wi-Fi; Move robot closer to router.

9. SPECIFICATIONS

Feature	Detail
Brand	Lenovo
Model Name	Lenovo X1
Surface Recommendation	Hard floor, Carpet
Special Feature	Dry, Wet Cleaning
Colour	Black
Controller Type	App Control
Filter Type	HEPA
Battery Type	Lithium Ion
Power Source	Battery Powered
Item Weight	5930 Grams
Form Factor	Robotic
Suction Power	Up to 2200Pa
Navigation	LDS Lidar, Smart ID Algorithm
Sensors	Anti-Drop, Anti-Collision, Anti-Winding

10. WARRANTY AND SUPPORT

10.1 Manufacturer's Warranty

The Lenovo X1 Robotic Vacuum Cleaner comes with a **1 Year Manufacturer Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

This warranty does not cover damage caused by misuse, accident, unauthorized modification, or failure to follow the instructions in this manual.

10.2 Customer Support

For technical assistance, warranty claims, or general inquiries, please contact Lenovo customer support:

- **Manufacturer:** Lenovo, Shangdi Information Industry Base, No. 6 Chuang Ye Road, Haidian District, 100085 Beijing, China.
- **Importer (India):** Creative Peripherals and Distribution Limited, 3rd & 4th Floor, Plot No. 137AB, Kandivali Co Op Industrial Estate Limited, Charkop, Kandivali West, Mumbai – 400 067.
- Please refer to the official Lenovo website or your purchase documentation for the most current contact information and support channels in your region.

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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

