AIRROBO L2550-J

AIRROBO T10+ Robot Vacuum and Mop User Manual

Model: L2550-J

Introduction

The AIRROBO T10+ Robot Vacuum and Mop is an advanced cleaning device designed to simplify your home maintenance. Featuring precise LiDAR navigation, smart mapping capabilities, and a self-empty base, it offers comprehensive vacuuming and mopping for various floor types. This manual provides essential information for setup, operation, and maintenance to ensure optimal performance of your device.

Safety Information

Please read all safety instructions carefully before using the appliance. Keep this manual for future reference.

- Ensure the power voltage matches the rating label.
- Do not use the robot in wet environments or near water.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Do not pick up large or sharp objects, or anything that is burning or smoking.
- Supervise children and pets when the robot is operating.
- Only use manufacturer-specified attachments and accessories.
- Do not operate the robot if it is damaged or malfunctioning.

Package Contents

Verify that all items are present in the package:

- AIRROBO T10+ Robotic Vacuum Cleaner x 1
- Self-Empty Station x 1
- Main Brush x 1
- Side Brush x 1
- HEPA Filter x 1
- Water Tank x 1

- Dustbin x 1
- 12-Month Worry-Free Warranty x 1

Product Overview

Familiarize yourself with the components of your AIRROBO T10+.



Figure 1: AIRROBO T10+ Robot Vacuum, Self-Empty Base, Mop Pad, and App Interface.

Robot Vacuum Components

- **Lidar Sensor:** For precise navigation and mapping.
- **Side Brushes:** To sweep debris from edges and corners.
- **Main Brush:** For deep cleaning carpets and hard floors.
- **Dustbin & Water Tank:** Integrated 2-in-1 design for vacuuming and mopping.
- **Sensors:** Anti-collision and anti-drop sensors for safe operation.

Self-Empty Station

The self-empty station automatically disposes of collected dirt from the robot's dustbin, allowing for up to 45 days of hands-free cleaning.



Figure 2: Self-Empty Base with 3.3L Dust Bag, capable of holding dirt for up to 45 days.

Setup

1. Unpacking

Carefully remove all components from the packaging. Remove any protective films or packing materials from the robot and the self-empty station.

2. Placing the Self-Empty Base

Place the self-empty base against a wall in an open area, ensuring there are no obstacles within 1 meter (3 feet) to the front and 0.5 meters (1.5 feet) to the sides. Plug the power cord into a wall outlet.

3. Charging the Robot

Place the robot onto the charging contacts of the self-empty base. Ensure the charging indicators on the robot illuminate. Allow the robot to fully charge before its first use (approximately 5-6 hours).

4. App Installation and Connection

Download the "Tuya" app from your smartphone's app store. Follow the in-app instructions to connect your AIRROBO T10+ to your home Wi-Fi network. This will enable smart control features.

Operating Instructions

1. Starting/Stopping Cleaning

Press the power button on the robot or use the Tuya app to start a cleaning cycle. Press again to pause or stop. The robot will automatically return to the self-empty base when cleaning is complete or battery is low.

2. Vacuuming and Mopping

The T10+ is equipped with a 2-in-1 electric control water tank for simultaneous vacuuming and mopping. Fill the water tank with clean water and attach the mop pad. You can adjust the water flow level (3 levels) via the Tuya app.



Figure 3: The T10+ combines vacuuming and mopping with adjustable water flow and strong suction.

3. Navigation and Mapping

Utilizing precise LiDAR navigation and SLAM algorithm, the robot maps your home to determine the most efficient cleaning path. It navigates room to room for complete coverage.

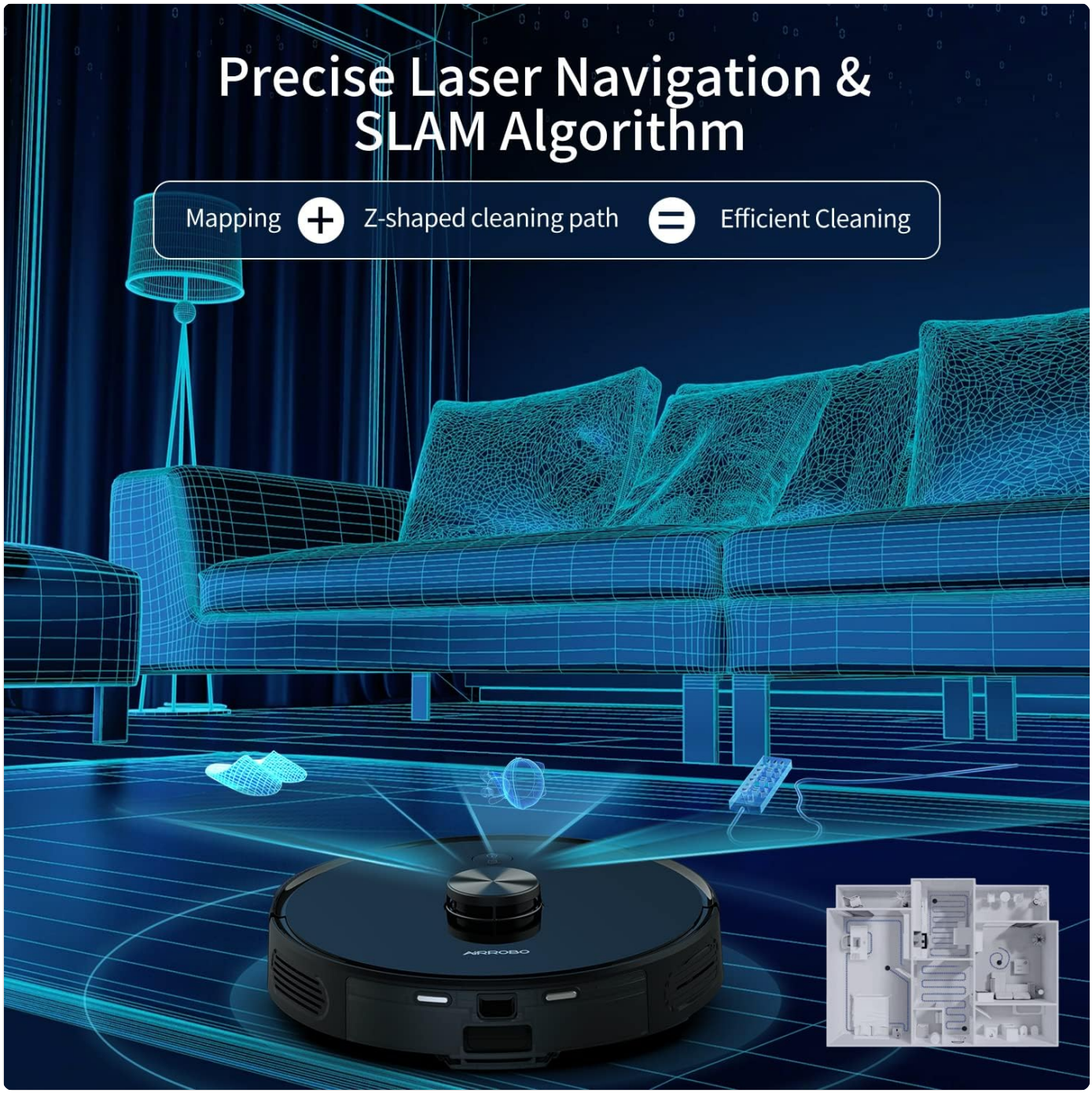


Figure 4: Precise LiDAR Navigation and SLAM Algorithm ensure efficient Z-shaped cleaning paths.

4. Smart Control Features (Tuya App)

The Tuya app provides advanced control over your robot vacuum:

- **Scheduled Cleaning:** Set specific times for the robot to clean automatically.
- **No-Go Zone & Virtual Wall:** Define areas the robot should avoid.
- **Carpet Boost:** Automatically increases suction power on carpets.
- **Select Room Cleaning:** Target specific rooms for cleaning.
- **Multiple Maps:** The robot can save up to 5 different maps, useful for multi-floor homes. Ensure the self-empty base and robot are placed in the same position as the saved map when switching floors.



Figure 5: Customize your cleaning experience with various modes, no-go zones, and virtual walls via the app.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your AIRROBO T10+.

1. Self-Emptying

The self-empty base automatically empties the robot's dustbin. The 3.3L dust bag in the base can hold dirt for up to 45 days. Replace the dust bag when the indicator on the base signals it's full.

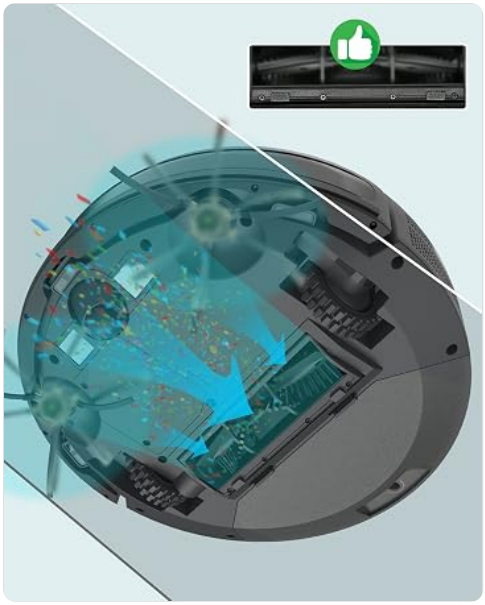


Figure 6: Replacing the dust bag in the self-empty station.

2. Cleaning the Dustbin and Filter

Even with the self-empty feature, it's recommended to periodically check and clean the robot's internal dustbin and HEPA filter. Tap out debris and rinse if necessary (ensure completely dry before re-inserting).



Figure 7: Cleaning the robot's internal dustbin.

3. Cleaning the Water Tank and Mop Pad

After mopping, empty any remaining water from the tank and clean the mop pad. The mop pad can be hand-washed or machine-washed.



Figure 8: Maintaining the water tank for mopping.

4. Cleaning Brushes and Sensors

Regularly inspect and clean the main brush, side brushes, and all sensors (Lidar, anti-drop, anti-collision) to prevent performance issues. Use a cleaning tool to remove tangled hair or debris.



Figure 9: Inspecting and cleaning the side brush.



Figure 10: Cleaning the main brush.

Troubleshooting

If you encounter issues with your AIRROBO T10+, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not empty into base.	Dust bag full or clogged, dustbin full, or connection issue.	Replace dust bag in self-empty base. Empty robot's internal dustbin. Check for blockages in the robot's suction port or the base's emptying channel.
Robot gets stuck frequently.	Obstacles, loose cables, or high thresholds.	Clear obstacles and loose cables. Use No-Go Zones or Virtual Walls in the app for problematic areas.
Poor cleaning performance.	Brushes tangled, filter clogged, or low suction setting.	Clean main brush and side brushes. Clean or replace HEPA filter. Increase suction power in the app.
Mop function not working effectively.	Water tank empty, mop pad dirty, or water flow setting too low.	Fill water tank. Clean mop pad. Adjust water flow level in the app. Ensure mop pad is properly attached.
Robot does not charge.	Charging contacts dirty, base unplugged, or robot not properly docked.	Clean charging contacts on both robot and base. Ensure base is plugged in. Re-dock the robot manually.

Specifications

Feature	Detail
Brand	AIRROBO
Model Name	L2550-J
Special Feature	Smart Mapping, LiDAR Navigation, No-Go Zone, Boost-Intellect Technology
Color	Black
Product Dimensions	13.78"L x 13.78"W x 3.94"H

Feature	Detail
Included Components	Mop Pad, Dusting Brush, Remote Control, Docking Station, Side Brush
Filter Type	HEPA
Battery Life	120 minutes
Power Source	Battery Powered
Are Batteries Included	Yes
Control Method	App
Compatible Devices	Smartphones, Amazon Echo
Form Factor	Robotic
Item Weight	0.141 ounces
Manufacturer	AIRROBO
ASIN	B09M2LT4TQ
Item model number	L2550-J
Batteries	1 Lithium Ion batteries required. (included)
Date First Available	November 17, 2021

Warranty and Support

Your AIRROBO T10+ comes with a 12-Month Worry-Free Warranty. For customer support, please contact AIRROBO at +1 8599558668 (9 AM to 5 PM, Monday to Friday).

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