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› AIRROBO T20+ Robot Vacuum and Mop Combo Instruction Manual

AIRROBO T20+

AIRROBO T20+ Robot Vacuum and Mop Combo

INSTRUCTION MANUAL

Introduction

The AIRROBO T20+ is an advanced robot vacuum and mop combo designed to provide a comprehensive and hands-free cleaning experience. Featuring USLAM Air 5.0 and LiDAR navigation, it intelligently maps your home for efficient cleaning paths. This device offers 3-in-1 sweeping, vacuuming, and mopping functionalities, complemented by a self-emptying station for up to 60 days of maintenance-free operation. Control is convenient via the dedicated app, remote, or voice commands.

Package Contents

Verify that all items listed below are included in your package:

- 1 x Automatic Dust Collection Station
- 1 x Robot Vacuum Cleaner
- 1 x 2-in-1 Water Tank
- 1 x Remote Control
- 2 x Dust Bags
- 1 x Wiper Module
- 1 x Warranty Card
- 1 x User Manual
- 1 x HEPA Filter
- 1 x Mop Cloth
- 1 x Side Brush



Package List

- | | |
|---|---------------------|
| ① 1 * Automatic Dust Collection Station
(8.26*10.07*10.15inch) | ⑤ 2 * Dust Bag |
| ② 1 * Robot Vacuum Cleaner
(Ø13.8*3.7inch) | ⑥ 1 * Wiper Module |
| ③ 1 * 2-In-1 Water Tank | ⑦ 1 * Warranty Card |
| ④ 1 * Remote Control | ⑧ 1 * User Manual |

Figure 1: All components included in the AIRROBO T20+ package.

Setup

- 1. Initial Charging:** Before first use, ensure the robot vacuum is fully charged. Place the robot onto the automatic dust collection station. The battery indicator on the station will show charging status. It is recommended to charge for 15 minutes to activate the battery if the vacuum cleaner cannot be turned on upon receipt.
- 2. Station Placement:** Position the self-emptying station against a wall in an open area, ensuring no obstacles within 1.5 meters in front and 0.5 meters on either side.
- 3. App Download & Connection:** Download the AIRROBO app from your device's app store. Follow the in-app instructions to connect your robot vacuum to your home Wi-Fi network. Note: The device only supports 2.4GHz Wi-Fi.
- 4. Home Mapping:** Once connected, initiate the mapping process through the app. The robot will use its LiDAR navigation system to create an accurate map of your home, which is essential for efficient cleaning and setting up customized cleaning areas.



Figure 2: The AIRROBO T20+ system, including the robot, self-emptying station, remote control, and app interface for smart control.

Operating

The AIRROBO T20+ offers versatile cleaning modes and smart navigation for optimal performance.

- **LiDAR Navigation (USLAM Air 5.0):** The advanced navigation system creates precise maps and plans efficient cleaning routes, minimizing repetition and ensuring thorough coverage. It features 360° anti-collision and fall prevention to avoid obstacles and stairs.

USLAM Air 5.0 & LiDAR Navigation

Precise Mapping for Smart Navigation



Figure 3: Visual representation of the robot's LiDAR navigation and mapping capabilities.

- **3-in-1 Sweeping, Vacuuming & Mopping:** Easily switch between modes using the app. The robot is equipped with a 350ml dust box and a 340ml water tank. Choose from 4-level suction modes and 3-level water output to suit different floor types and cleaning needs.



Figure 4: The robot's integrated sweeping, vacuuming, and mopping capabilities.

- **Smart App & Voice Control:** Utilize the AIRROBO app to set cleaning schedules, change cleaning modes, adjust suction levels, and manage water output. The robot is compatible with Alexa and Google Assistant for convenient voice control.



Figure 5: Controlling the robot via the mobile application and voice assistants.

- **Customized Cleaning:** Create No-Go Zones to restrict the robot from entering specific areas (e.g., pet bowls, delicate items). Set Virtual Walls to define boundaries, and No-Mop Zones to prevent mopping on carpets or rugs.

Customized Cleaning Needs



Figure 6: App interface demonstrating customized cleaning options including scheduled cleaning and restricted zones.

- **Automatic Return Charging:** The robot automatically returns to its charging station when the battery is low, ensuring it's always ready for the next cleaning session. It boasts up to 180 minutes of runtime on a single charge.

Automatic Return Charging

When in low battery conditions, the robot vacuum will automatically return to the charging base



3200mAh
Large Battery



180 mins
Runtime (MAX)



2200 sqft/200 m²
Cleaning Area (MAX)



4 Hours
Fast Charging

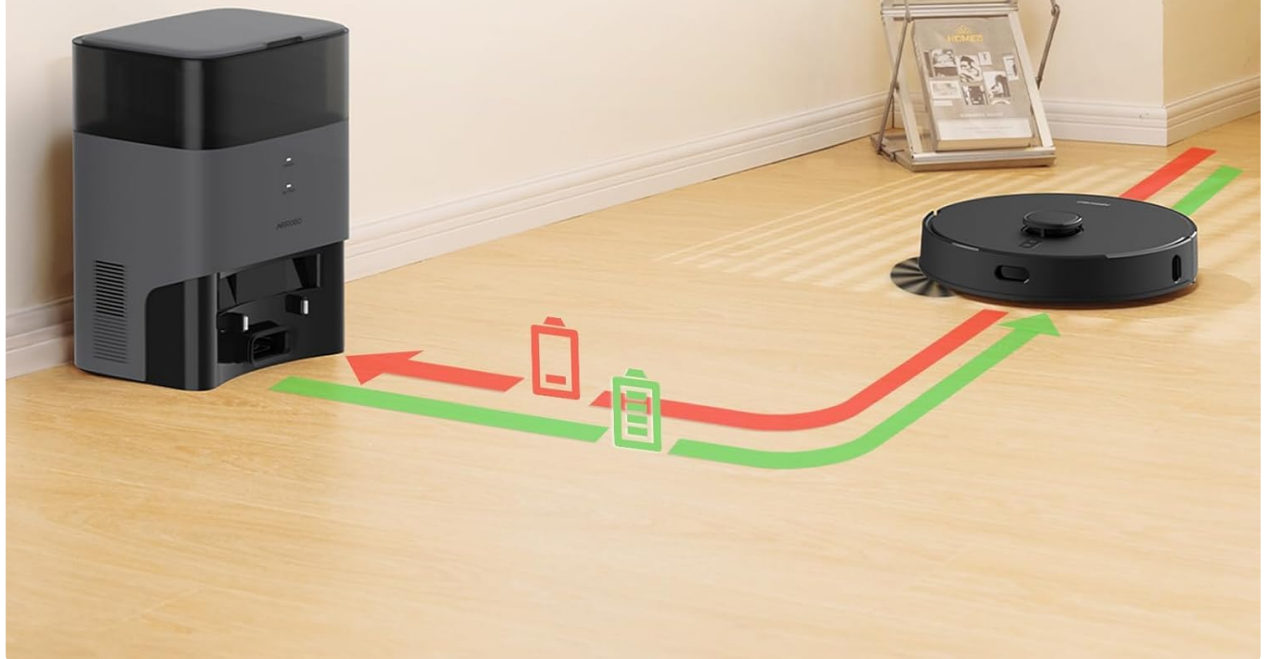


Figure 7: The robot's self-charging capability, returning to the base when needed.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your AIRROBO T20+.

- **Self-Emptying Station Dust Bag:** The 3.5L dust bag in the self-emptying station can hold up to 60 days of dirt and debris. Replace the dust bag when full.

60 Days Hand-Free Cleaning

With a 3.5L dust bag self-empty Base which holds up to 60 days of dirt and debris



Figure 8: Illustration of the self-emptying process and dust bag replacement.

- **Floating Main Brush & HEPA Filter:** The robot features a removable rubber floating main brush and a HEPA filter. Regularly clean the main brush to remove tangled hair and debris. Clean or replace the HEPA filter as needed to maintain strong suction.
- **Water Tank & Mop Cloth:** Empty and refill the water tank as needed. Clean the mop cloth after each mopping session to prevent odors and ensure effective cleaning.

Troubleshooting

Here are solutions to common issues you might encounter:

- **Robot gets stuck:** Ensure No-Go Zones are properly set in the app for areas where the robot frequently gets stuck (e.g., thin kitchen mats, cluttered spaces). Clear small obstacles before cleaning.
- **Cannot connect to Wi-Fi:** Confirm your Wi-Fi network is 2.4GHz. Ensure the robot is within range of your router. Restart both the robot and your router, then try connecting again.
- **Poor suction/mopping performance:** Check and clean the main brush and side brushes for tangled hair. Empty the dustbin and clean the HEPA filter. Ensure the water tank is filled and the mop cloth is clean and properly attached.
- **Robot not turning on:** If the vacuum cleaner cannot be turned on when you receive it, please charge it for 15

minutes and then try again.

Specifications

Feature	Specification
Brand	AIRROBO
Model Name	T20+
Special Feature	Self-Emptying
Color	Black
Product Dimensions	8"L x 25"W x 10"H
Filter Type	HEPA
Battery Life	180 minutes
Voltage	110 Volts (2.4 GHz WiFi only)
Dust Box Capacity	350 Milliliters
Water Tank Capacity	340 Milliliters
Power Source	Battery Powered
Control Method	App, Remote, Voice
Item Weight	7.7 pounds

Warranty & Support

The AIRROBO T20+ comes with a **12-month warranty**. For professional customer service and support, please contact AIRROBO at **+1 8599558668**. Support hours are 9 AM to 5 PM, Monday to Friday (Eastern Time).

For additional resources, visit the official AIRROBO website: www.air-robo.com