

L50 Master

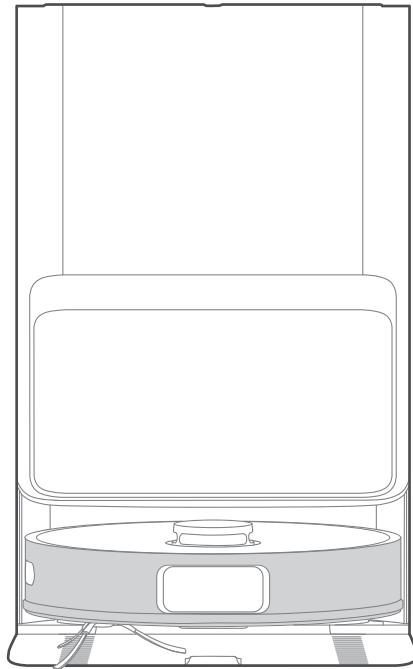
Robot Vacuum with All-in-one Clean Station

Robot Vacuum Cleaner Instructions Manual



Please read this manual carefully before use and keep it properly.

Airbot



Safety Precaution

Warning

Before using the product described in this product manual, please read and adhere to the following precautions to avoid dangerous situations and ensure the normal operation of the product.

Operating Environment and Maintenance

- Only authorized technicians are allowed to dismantle this product. It is not recommended for users to disassemble the product themselves.
- This product should only be used with the factory provided power adapter. The use of other adapters may result in damage to the product.
- Do not touch wires, sockets, or power adapters with wet hands.
- Do not allow curtains, various winding materials, or parts of the body to get caught in the product's drive wheel.
- Keep the product away from cigarettes, lighters, or other open flames.
- If cleaning is required, please clean the product after charging is complete.
- Do not excessively bend wires or place items or sharp objects on the machine.
- This product is for indoor household use only; do not use it outdoors.
- This product is prohibited from bearing weights (or people) of over 10kg.
- Do not use this product in damp environments (such as bathrooms).
- Before using this product, remove all fragile items from the floor (such as glassware, lamps) and items that may entangle the side brush and suction channel (such as wires, paper, curtains, etc.).
- Do not place the product in places where it may fall easily (such as on tables and chairs).

- If the power cord is damaged, for safety reasons, it must be replaced by a professional from the manufacturer, their repair department, or a similar department.
- During transportation or when not using the product for an extended period, please turn off the machine.
- Before charging, carefully check whether the power adapter is properly connected to the socket.
- To prevent tripping hazards, inform other occupants of the room when the product is in operation
- Empty the dustbin before using the product if it is full
- The operating environment temperature for this product ranges from 0°C to 40°C.
- Do not use this product in high-temperature environments.
- Before disposing of the product, please contact after-sales service personnel to remove the battery from the machine.
- Please ensure proper disposal of old batteries. Batteries by recycling them safely.

Children's Health

The product described in this manual is not a toy for children. Children should use this product under adult supervision. The product may contain small parts and accessories, so please keep the product and accessories out of the reach of children to prevent them from unintentionally disassembling or damaging the product or accessories, or swallowing small parts, which could lead to choking or other dangers.

Charger Safety

- When not charging or when not in use for an extended period, please unplug the charger from the power outlet and disconnect it from the product.
- Do not use chargers that are already damaged or suspected of being damaged, or have been exposed to moisture, dampness, or rain to prevent electric shock or fire.

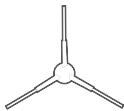
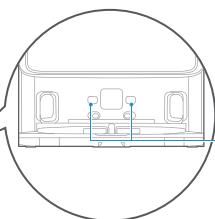
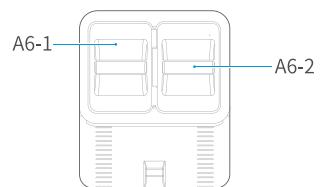
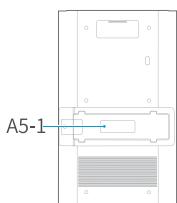
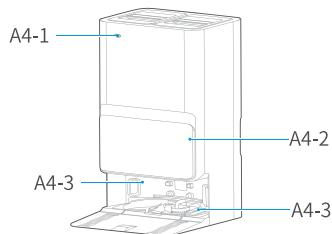
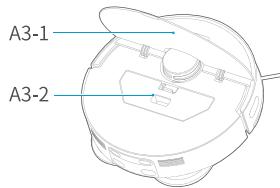
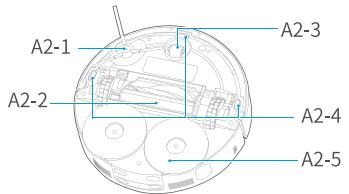
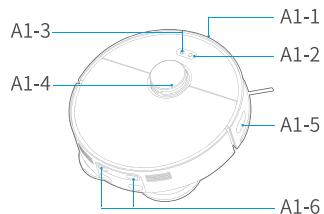
WEEE Information

Correct Disposal :

This product should not be disposed of with household waste. To avoid environmental harm, recycle it responsibly. Use return systems or contact the retailer for safe recycling



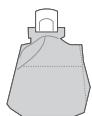
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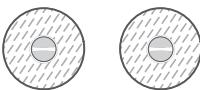
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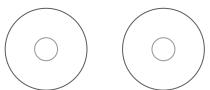
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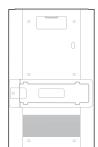
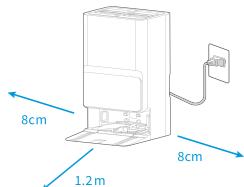
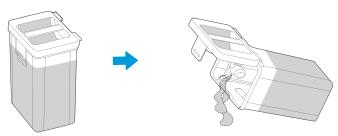
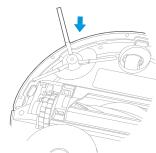
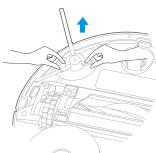
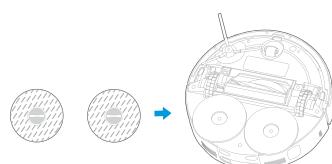
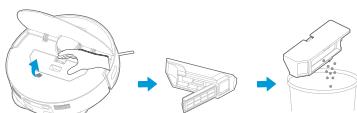
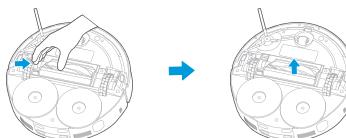
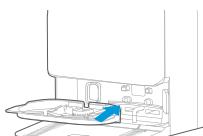
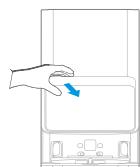
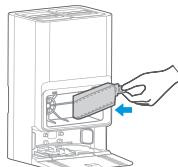
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A8-4



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A Product Introduction

Component Introduction

A Robot Main View (Closed Cover)

A1-1—Front Bumper (with built-in line laser)

A1-2—Dock Button

A1-3—Power Button

A1-4—Radar Cover

A1-5—Edge Sensor

A1-6—Charging Terminals

A2 Robot Bottom View

A2-1—Side Brush

A2-2—Roller Brush

A2-3—Omni-directional Wheel

A2-4—Anti-drop Sensor

A2-5—Mop Pads Holder

A3 Robot Main View (Open Cover)

A3-1—Top Cover

A3-2—Dust Box

A4 Base Station Front View

A4-1—Indicator Light

A4-2—Dust Tank

A4-3—Robot Docking Port

A4-4—Washboard (Removable)

A5 Base Station Rear View

A5-1—Power Cord Storage Slot

A6 Base Station Top View

A6-1—Dirty Water Tank (Left side)

A6-2—Clean Water Tank (Right side)

A7 Docking Port

A7-1—Charging Terminal

A8 Accessories List

A8-1—Side Brush x1

A8-2—Base Ramp Extension Plate x1

A8-3—Dust Bag x1

(already installed on the base station)

A8-4—Mops x2

A8-5—Mop Pads Holder X2

B Installation and Preparation

B1 Base Station Placement

1. Please place the base station against the wall on a hard, level surface, ensuring there is at least 8cm of space on both sides and a clear area of at least 1.2m in front.

2. Plug the power cord into the socket, and neatly tuck any excess wire into the back wire groove of the base station to avoid interfering with the robot's operation.

⚠ Note

1. Avoid direct sunlight.

2. Do not use stickers or other objects to cover the signal transmission area of the base station.

3. Do not place the base station on soft surfaces such as carpets.

4. Ensure that the charging area is dry.

B2 Preparing/Emptying

B2-1—To add clean water, please remove the clean water tank on the right side, open the top cover, fill it with clean water, and then place it back into the base station.

B2-2—To empty the dirty water, remove the dirty water tank on the left side, open the lid latch, and tilt the tank to pour out the dirty water.

⚠ Note

Do not add laundry detergent, laundry soap, unauthorized cleaning agents from JONR, disinfectants, hand soap, unknown oily liquids, or acidic or alkaline substances to the water tank as this may cause damage.

B3 Installing the Side Brush

B3-1—Press the side brush firmly into the slot until you hear a "click" sound, which indicates that the installation is complete.

B3-2—To remove the side brush, turn the robot vacuum cleaner upside down, grip the rubber-coated legs of the side brush with both hands (being careful not to pull or tug on the bristles), and remove it

B4 Installing the Mop Pads

1. First, securely attach the mop pads to the mop pad holders.

2. Align the center of the holder with the installed mop cloth then mount it onto the main unit.

Environment Preparation

Before starting the cleaning process, clear the floor of any scattered wires, hard objects, sharp items (such as nails, glass), and other debris. Also, move away any items that are easily tipped over, fragile, valuable, or potentially hazardous. This helps to avoid entanglement, obstruction, dragging, or collision by the robot, which could lead to personal or property damage.

C How to Use

Power On/Off and Charging

Connect the power supply to the base station, press and hold the  "button on the robot for 3 seconds to turn it on, wait for the power indicator light to stay on steadily, then place the robot on the

base station for charging as shown in the diagram. Keep the robot in a charged state for convenient daily use. While the robot is powered on, press and hold the "Power" button on the robot for 3 seconds to turn it off.

Note

1. When manually inserting, ensure that the charging terminals are facing inward.
2. Before the initial cleaning, ensure that the robot's battery is fully charged (100%).
3. For initial use, it is recommended to manually place the robot into the base station. The robot will power on automatically.

Restore Factory Settings

Hold down both the "Power" button and the "Home" button for 7 seconds to reset to factory settings

Button	Operation	Function
	Long press for 3 seconds	Power on/off
	Short press once	Start cleaning
	When the robot is on standby outside the clean station, short press once	Return to charge
	When the robot is inside the clean station, short press once	Start dust collection
	When the robot is inside the clean station, short press twice consecutively	Start mop cleaning
	When the robot is on standby outside the clean station, short press twice consecutively	Start spot cleaning
	Long press for 3 seconds	Enable/disable child lock
	Long press for 15 seconds	Force hardware power off
	Long press simultaneously for 3 seconds	Enter network configuration mode
	Long press simultaneously for 7 seconds	Restore factory settings

Light Effects Explanation

Indicator Light	Light Effects	Meanings
 Indicator Light	Off	Power Off/Sleep/ Do Not Disturb
	White Gradual Brightening	Powering On
	Solid White	Normal Status
	White Breathing	Repositioning/ Charging/Drying
	Solid Red	Low Battery
	Red Flashing	Fault
	White Flashing	Networking
 Base Station Light	Off	Power Off/Sleep/ Do Not Disturb
	White Gradual Brightening	Powering On
	Solid White	Normal Status
	Red Flashing	Fault

Cleaning the Mops

To ensure effective mopping, the robot is set to return to the base station to clean the mop every 10 minutes of cleaning. Alternatively, you can adjust the mop cleaning frequency in the app according to your needs. After completing a mopping task and returning to the base station, the robot will also automatically clean the mop (which takes a little longer.)

Drying the Mops

After completing the mopping task and returning to the base station, the mop will undergo a drying process automatically (by default using hot air, but this can be changed in the app settings). You can manually control the start/stop of the mop drying in the app.

Dust Collection

During or after the cleaning task, the robot will return to the base station for automatic dust collection frequency set in the base station settings. Ensure that the dust bag in the base station is properly installed and not full.

⚠ Note

- 1.Do not forcibly remove the robot during the mop cleaning process.
- 2.Do not move the base station while the robot is cleaning.
- 3.For optimal cleaning performance,it's recommended to let the robot start from the base station during the initial use.

D Maintenance and Care

D1 Dustbox and Filter

- 1.Open the cover on the robot and press the dust box release button to remove the dust box. Detach the dust box filter from the latch and empty the dust from the dust box.
- 2.The dust box filter can be washed with water. After washing, allow it to air dry before placing it back into the dust box.
- 3.To ensure the effectiveness of the filter, it is recommended to regularly clean and replace the filter as needed.

D2 Roller Brush

- 1.Press the release button on the left side cover and lift it to remove the anti-tangle rolling brush and cover.
- 2.Use a suitable tool to remove any hair or threads tangled on the rolling brush, then use a soft cloth to wipe the rolling brush and cover.
- 3.Rinse the rolling brush with water and let it dry. After cleaning, reinstall the anti-tangle rolling brush onto the robot for use.

Sensor

- 1.Wipe the transmissive window of the line laser.
- 2.Wipe the anti-fall sensor.
- 3.Wipe the edge sensor.

D3 Base cleaning

- 1.Gently press the central latch on the base of the station and pull up to remove the washboard.
- 2.Rinse the washboard with clean water, allow it to dry, then place it back into the base and reattach the washboard to the station.

Drive wheel

Rotate the drive wheel back and forth to remove any foreign objects, then clean it with a soft cloth.

Side brush

Remove the side brush; use an appropriate tool to clean off the dust.

Replacing Dust Bags

- D4 1.Remove the Dust Tank cover.
- 2.Pull outward to remove the dust bag.
- 3.Use a soft dry cloth to wipe the dust bin area.
- D5 4.Install the new dust bag and replace the Dust Tank cover.

⚠ Note

Friendly reminder: The black cotton on the left side of the Dust Bag is the filter cotton. Please do not remove or discard it.

Warranty Information

The warranty period depends on the laws of the country in which the product is sold, and the warranty is the responsibility of the seller. The warranty only covers defects in material or workmanship. The repairs under warranty may only be carried out by an authorized service centre. When making a claim under the warranty, the original bill of purchase (with purchase date) must be submitted.

The warranty will not apply in cases of:

1. Normal wear and tear.
2. Incorrect use, e.g. overloading of the appliance, use of non-approved accessories, use of force.
3. Damage caused by external influences.
4. Damage caused by non-observance of the user manual, e.g. connection to an unsuitable mains supply or non-compliance with the installation instructions.
5. Partially or completely dismantled appliances

Specification

Robot

Item	Parameters
Overall Size	325×325×99 mm
Rated Voltage	14.4V---
Battery Capacity	Lithium-ion 5200 mAh
Charging Type	Automatic Charging
Charging Time	Approximately 6.5 hours
Cleaning Time	Vac and Mop Combined:150min

Base Station

Model	L50 Master Station
Rated Input	220V - 240V 50/60Hz
Rated Output	20V 1.2A
Rated Power (during dust emptying)	600W
Base Size	340×400×560mm
Dust Box Capacity	0.27L
Overall Weight	Approximately 14.5kg, include the robot



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Manufacturer: Airbot Technology Co.,Ltd

Address: 9 Pantygraigwen Road, Pontypridd Mid Glamorgan CF37 2RR,UK

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规格描述：

尺寸：210x145mm；

材质：128g双铜+封面覆哑膜，四色印刷，骑马钉