User Manual

V1.0.2

Robot Vacuum Cleaner with Omni Station

Safety Precautions

Usage Restrictions

- Plastic bags can be dangerous. Keep them away from infants and children to avoid the risk of suffocation.
- This robot is only meant to clean floors in a home environment. Do not use it outdoors (such as in an open balcony), on other non-floor surfaces (such as sofas), or in commercial or industrial settings.
- Do not use the robot in a suspended environment (such as duplex buildings, open balconies, or on top of furniture) without guard rails.
- Do not use the product in temperatures higher than 40°C (104 °F) or lower than 0°C (32°F). Do not use the product if there is liquid or viscous substances on the floor.
- Ensure that cables are kept off the floor before using the product to prevent cables from being dragged around when it is working.
- Keep all fragile and miscellaneous items (such as vases or plastic bags) that are not on the floor to avoid obstruction of or collision with the product while it is working, which may result in damage of valuable items.
- Do not allow people with impaired physical, sensing or mental abilities, or people with insufficient experience and knowledge (including children) to use this product without guidance or supervision.
- Do not allow infants or children to use this product as a toy.
- Do not place the main brush cleaning tool within reach of children.
- Do not allow any body parts of humans or animals, including hair, fur, fingers, etc., to come close to the vacuum inlet of the robot when the robot is working.
- Do not use the robot to clean flammable objects (such as lit cigarette butts).
- Do not use the robot to vacuum hard or sharp objects (such as waste materials from renovation, glass, or nails).
- Do not use the cover of the laser range sensor, the top cover of the robot, or the collision buffer as carry handles for transporting the robot.
- Before cleaning and maintaining the robot and omni station, turn the device off and unplug it from the socket to disconnect the power supply. Do not submerge the robot or the omni station in water or rinse them with water to clean them.
- Do not use a wet cloth or any liquid to wipe any part of this product.
- Do not use the mop module in a carpeted environment.
- Follow the instructions in the manual when using this product. The user is responsible for any loss or damage caused by improper use.

Battery and Charging

- Burning the product is prohibited even if the product has been severely damaged, as doing so may cause explosions.
- Do not use any third-party batteries, chargers, or stations.
- Do not disassemble, repair, or modify batteries and stations.

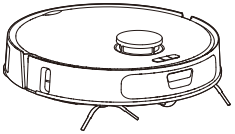
Battery and Charging

- Do not place the product near heat sources, such as radiators.
- Do not wipe or clean the charging contacts on the product with a damp cloth or wet hands.
- Do not dispose of batteries with your regular trash. Batteries should be disposed of by professional recycling agencies.
- If the power cord is damaged, it must be replaced by professionals from the manufacturer, the manufacturer's service department, or a similar department to avoid danger.
- If the product must be transported, ensure the device is turned off. It is recommended that you use the original box packaging to transport the product.
- Do not pour water into the robot or submerge it in water.
- If you are not using the robot for a while, charge it fully, turn it off, and place it in a cool, dry area. Charge the robot at least once every three months to avoid damage to the battery.
- Use proper tools when removing the battery. First, remove the screws from the bottom cover. Then, open the bottom cover and unplug the battery from the terminal. Finally, remove the battery from the battery holder.
- The battery must be removed from the robot before discarding.
- The robot must be powered off before removing the battery.

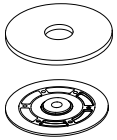
Class 1 laser product. The laser radar in this product conforms to the GB 7247.1-2012/IEC 60825-1:2014 safety standards for Class 1 lasers, and will not produce laser radiation harmful to the human body.

Package Contents

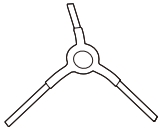
- Diagrams of products, accessories, user interfaces, and other items in the manual are schematic diagrams and are for reference only.
- The actual product may differ slightly from diagrams in the manual due to product updates and upgrades.
- The actual product shall prevail in case of any discrepancies.



Robot ×1



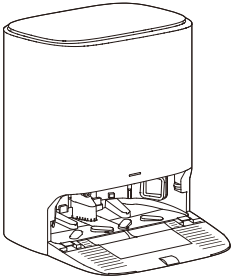
Washable Mop Module × 2



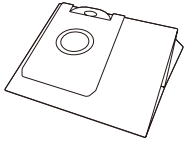
Side Brush ×2



Cleaning Knife ×1



Omni Station ×1



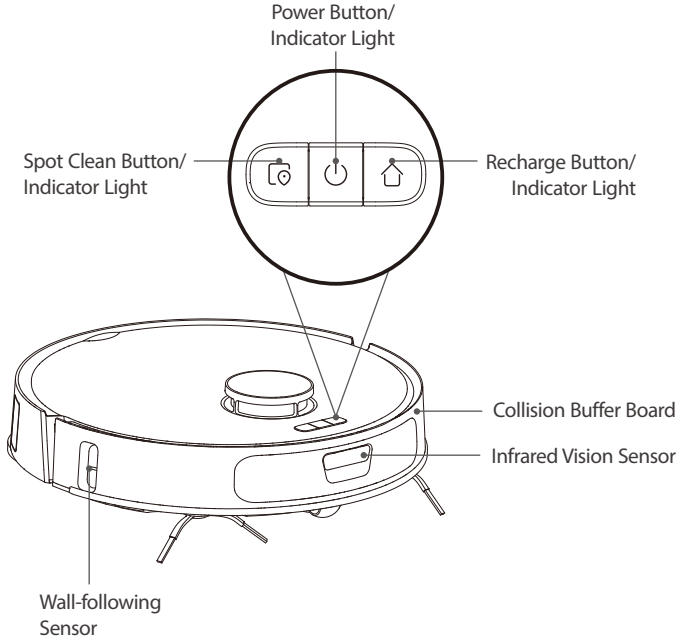
Dust Bag × 1

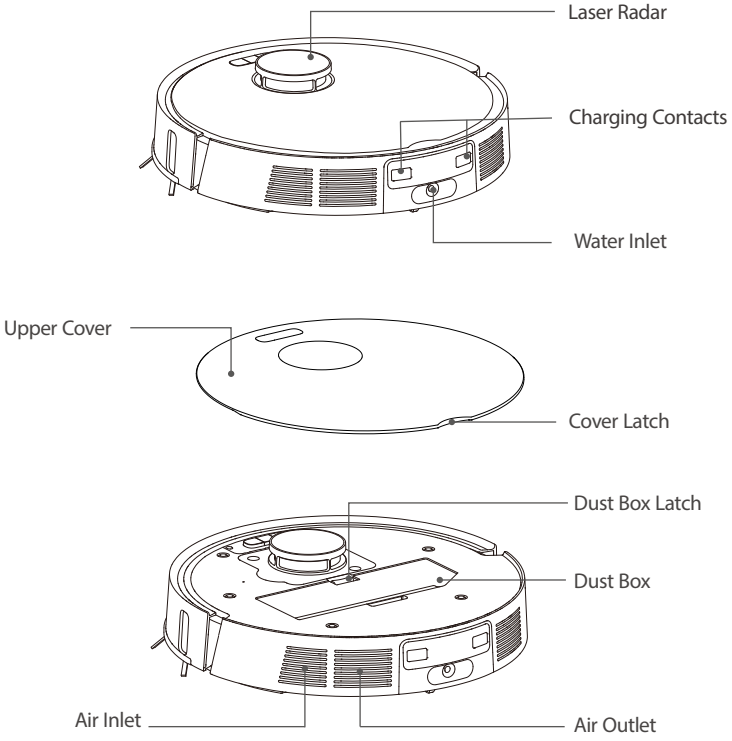


Quick Start Guide × 1

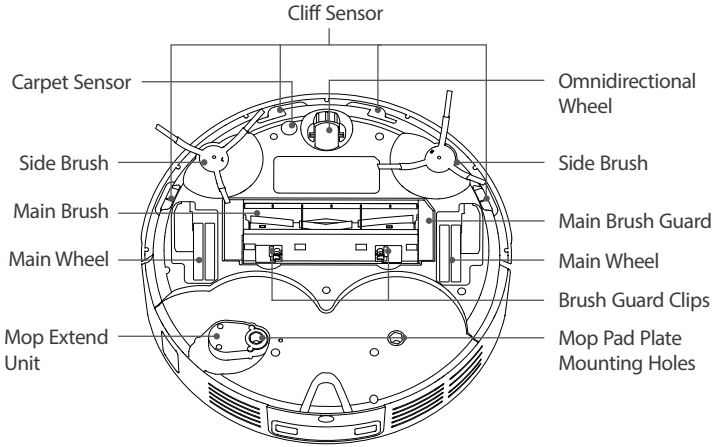
Overview

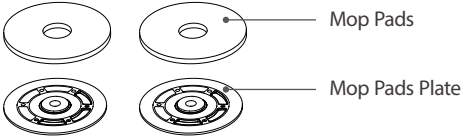
Robot Top View



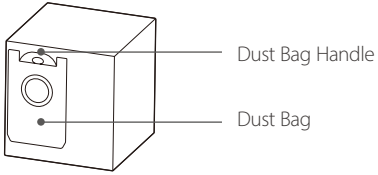


Robot Bottom View

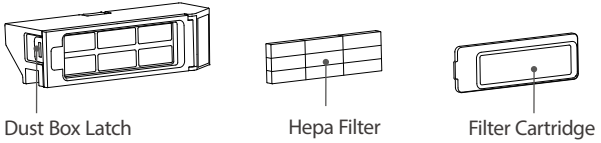




Dust Bag



Dust Box



Robot LED Indicator Patterns

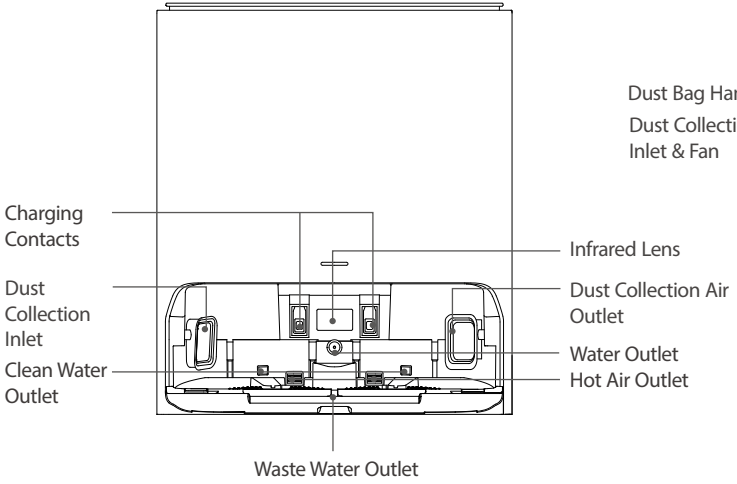
LED Status			Device Status
⏻	White	Solid on	Standby/cleaning/fully charged/under remote control
		Flashes slowly	Cleaning paused
		Loop flashing	Turning on/charging
		Flashes fast to off	Power off
	Red	Flashes fast	Device malfunction
⌂	Orange	Solid on	Return to recharge
		Flashes slowly	Returning to recharge paused
	White	Solid on	Spot cleaning
		Flashing	Spot cleaning paused
+ ⏻ + ⌂		Flashes fast to off	Resetting
		Flashes fast	OTA upgrade/switching voice prompt language
		Off	Do Not Disturb mode is on

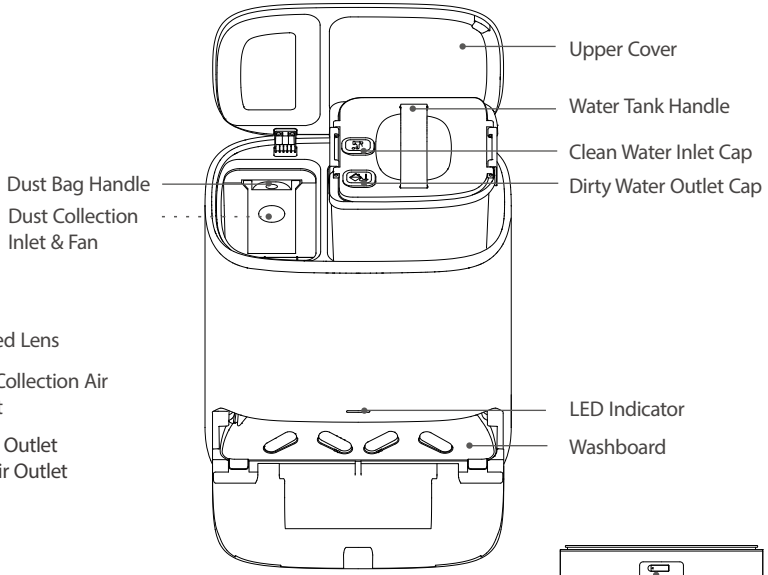
LED Indicator Patterns for Wi-Fi Connection

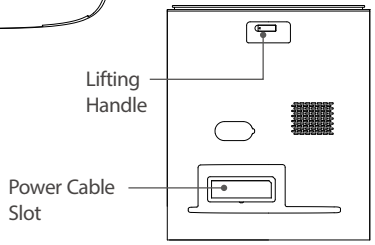
LED Status			Device Status
⌂	Orange	Flashes slowly	Waiting for Wi-Fi connection/incorrect Wi-Fi password
		Flashes fast	Connecting to Wi-Fi network
		Lit for 3" to off	Wi-Fi network connected

Omni Station

Front View





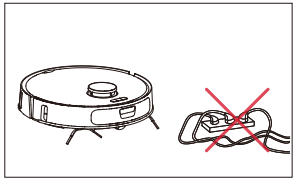


Back View

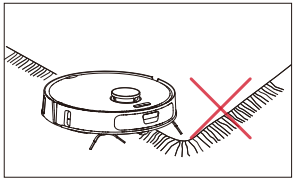
Omni Station LED Indicator Patterns

LED Status			Device Status
	White	Lit for 5" to off	The robot is on the dock but not starts charging
			The robot is not on the station
		Loop flashing	Auto emptying started
			Adding water into the robot
			Auto cleaning mop pads
		Loop flashing for 5" to off	The robot is charging
			Drying mop pads
	Red	Loop flashing	The dirty water tank is full or it is not installed properly
			The clean water tank is empty or it is not installed properly
			The washboard is not installed properly or is blocked

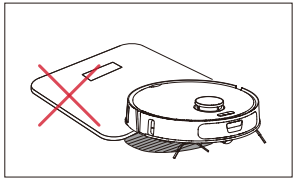
Notes Before Use



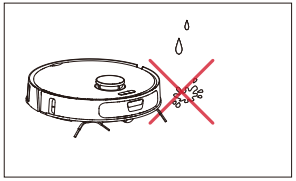
Tidy up the plugs and power cords that could entangle the robot.



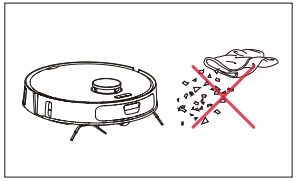
Fold the carpet tasseled edges under to improve the cleaning efficiency.



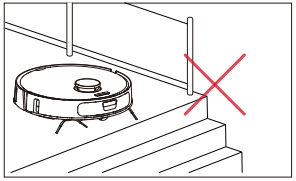
Put the weight scales out of the area to be cleaned.



Do not use the robot on wet surfaces or floor with standing water.



Put away the mops or pieces of paper on the floor.



Do not start cleaning from the edge of stairs or a drop to avoid the robot from falling over.

Preparations Before Use

Imou Life App

To enjoy all available features, it is recommended to control the robot on the Imou Life app.

- Please make sure that your mobile phone is connected to a **2.4 Ghz** Wi-Fi network.
- Ensure that the Wi-Fi password does not include **“”** or **spaces**.

Scan the QR code below or search for the “Imou Life” app in the App Store to download and install the app. After completing the app installation, please open the app, click on **“+”** in the top right corner of the home page, and scan the QR code on the robot or on the package box. Follow the in-app directions to add the robot.

Download on the App Store

GET IT ON Google Play

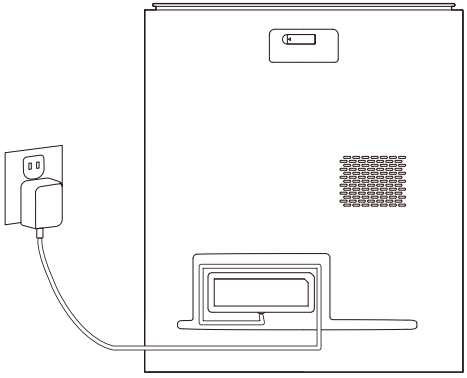
Restoring to Factory Settings

If your robot cannot connect to the app successfully, reset the Wi-Fi and add the robot again.

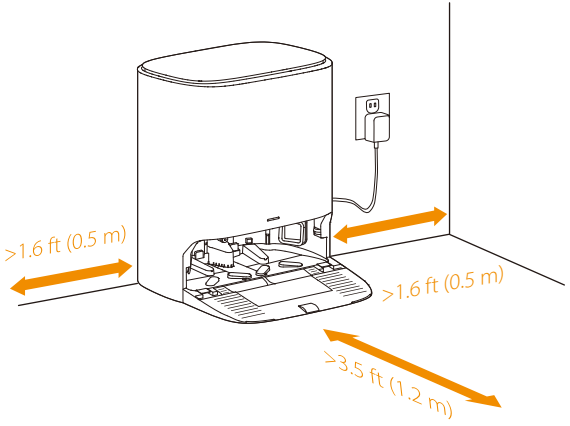
Press and hold ⌂ and ⏻ simultaneously for 5 seconds. When ⏻ indicator light flashes white and ⌂ indicator light flashes orange to off, the robot will restart within 30 seconds. Then you will hear the voice prompt "Wi-Fi has been reset" and the device will be waiting for a network connection. Then follow the directions in the app to add the robot.

Installation and Use/Preparation

1 Connect the power cable to an electrical outlet

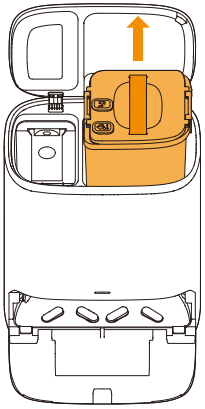


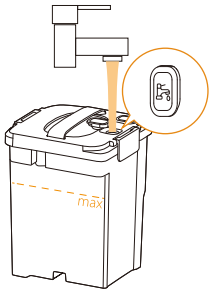
2 Place the Omni Station



3 Add Water to the clean water tank

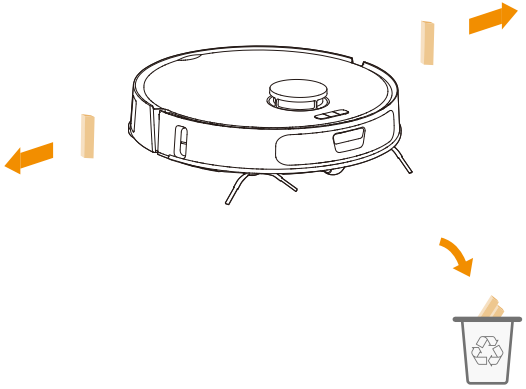
- The consumption of the clean water is affected by the preset cleaning frequency of mop pad in the app.
- Water exceeding the maximum line will spill out.
  Do not use any detergent or disinfectants.
- Tightly secure the rubber cap after adding water to prevent air entry.



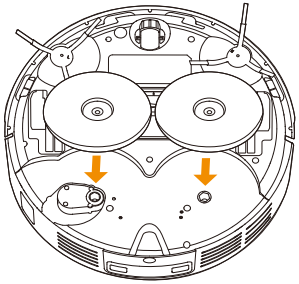


4 Remove protective strips

Place the robot on a level ground and remove the protective materials.

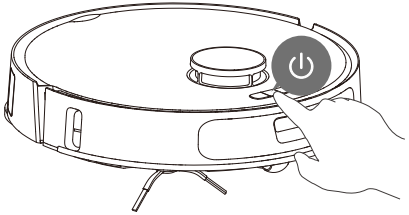


5 Intsall the mop unit



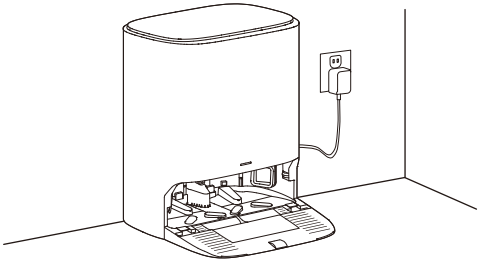
6 Power on

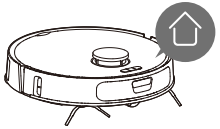
Press and hold ⏻ for 3 seconds to start the robot.

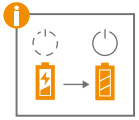


7 Fully charge the robot

Press ⌂ to recall the robot to the station for charging.







Installation and Use/Instructions

1 On/Off

Press and hold ⏻ for 3 seconds to turn on or turn off the robot.

ⓘ The robot cannot be turned off while it is charging.

2 Start Cleaning

- Press ⏻ to start global cleaning. The robot will create maps after its first cleaning based on its initial scan of the room. It will then clean each zone starting by alongside the walls and then proceed in a zig-zag pattern.
- Press ⌾ to start spot cleaning. The robot cleans a 1.5 m (4.9 ft) × 1.5 m (4.9 ft) square area centered on itself.

3 Automatic recharge/Manual recharge

- The robot will automatically return to the station to charge after cleaning is completed or if its battery is insufficient while cleaning.
- When the robot is cleaning, double press ⌂ to recall the robot to station for charging.

ⓘ The robot may fail to find the station if it does not start cleaning from the station. Place the robot on the station manually to recharge.

4 Standby/Sleep Mode

When the robot is fully charged and securely docked, press and hold the ⌂ button for 3 seconds to enable low-power standby mode.

ⓘ The mode will be automatically disabled if the robot's battery level drops below 90% or if it begins a cleaning task.

5 Restore factory settings

Separate the robot from the station, and press and hold the ⏻ and ⌂ buttons simultaneously for 5 seconds.

6 Emptying

Auto emptying will automatically begin when the robot returns to the station after cleaning.

Regular Maintenance

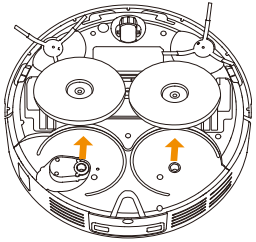
To keep the device at best performance, please refer to the following maintenance frequencies.

Please use a soft and clean cloth to wipe the parts, and avoid using any detergents or cleaning sprays.

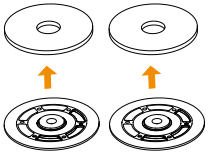
Parts		Maintenance Frequency	Replacement Frequency
Robot	Collision Buffer Board	Once per month	/
	Infrared Sensors	Once per month	/
	Wall-following Sensor	Once per month	/
	Laser Radar	Once per month	/
	Charging Contacts	Once per month	/
	Cliff Sensors	Once per month	/
	Main Brush	When necessary	After 240 hours of cleaning
	Side Brushes	When necessary	After 150 hours of cleaning
	Mopping Cloth	When necessary	After 180 hours of cleaning
	Dust Box	When necessary	/
	Filter	When necessary	After 150 hours of cleaning
	Main Brush Guard	When necessary	After 200 hours of cleaning
Omni Station	Infrared Lens	Once per month	/
	Water Outlets	When necessary	/
	Washboard	After each cleaning	/
	Water Tank	When necessary	/
	Dust Collection Inlets & Fan	Once per month	/
	Dust Bag	When necessary	When the according indicator lights up

Clean Mopping Pads

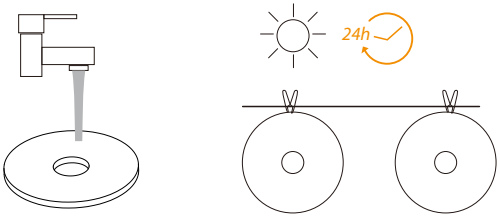
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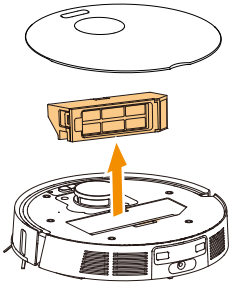


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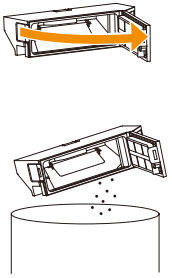


Clean the Dust Box and Filter

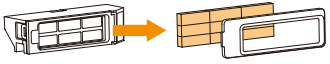
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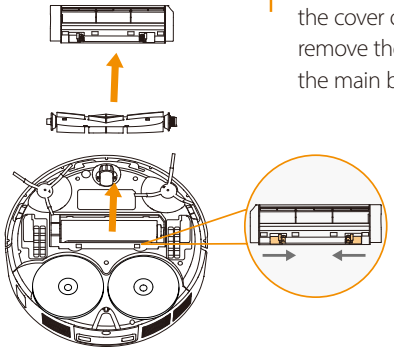
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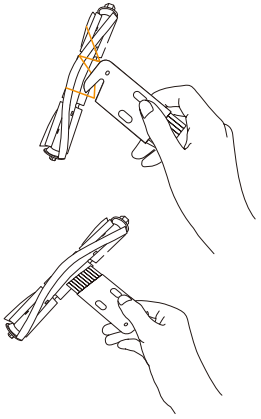


Clean the Main Brush



1 Press two catch simultaneously on the cover of the main brush. Then, remove the main brush cover and the main brush.

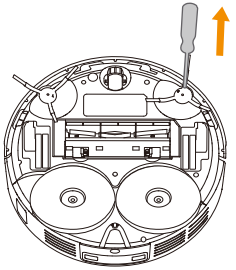
2 Cut entangled hairs and fur on the main brush using the small cleaning knife. Use the cleaning brush on the other end of the cleaning knife to clean the main brush.



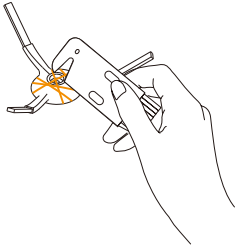
3 Reinstall the main brush and main brush cover. Press to fasten the catch.

Clean/Replace the Side Brush

1 Unscrew side brushes.



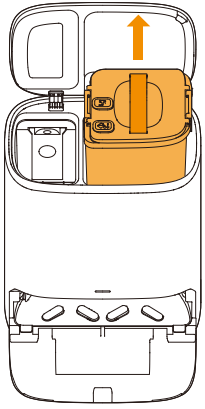
2 Clean side brushes.

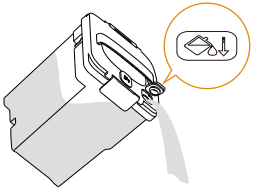


Maintain Water Tank

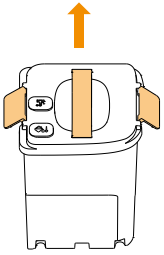
- Ensure that the robot is not docked at the station before cleaning the station.
- Completely dry the components before reinstalling them.

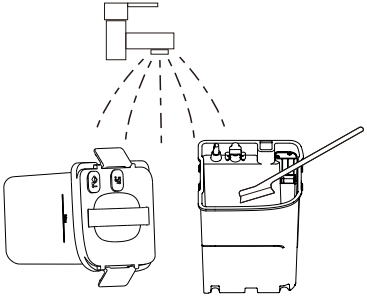
1 Take out the water tank. Open the dirty water tank cap to pour out the used water.





2 Open the top lid by grasping the lid knob. Then, hold the handle to lift out the clean water bag. Carefully wash the water bag and the water tank separately.

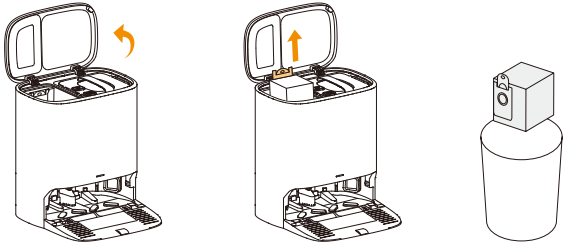




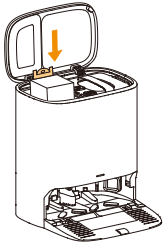
Replace the Dust Bag

When the dust bag is full, the indicator light on the station will flashing red like breathe and there will be a notification on the app. Replace the dust bag in a timely manner.

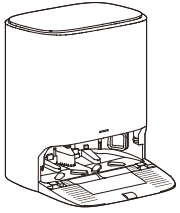
1 Pull up the dust bag handle and remove the dust bag



2 Install new dust bag

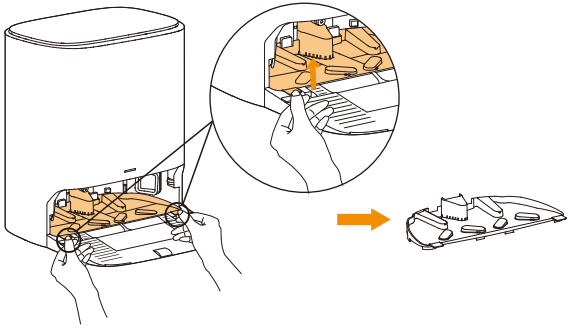


3 Close the top cover

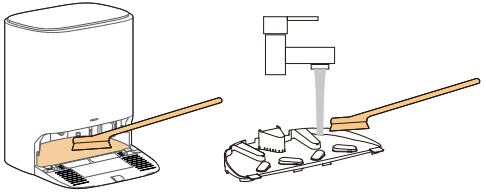


Clean the Washboard

1 Take out the washboard.



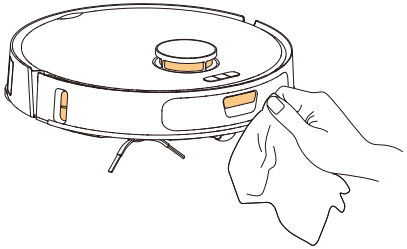
2 Clean the wash board and dry it completely before reintsalling it.



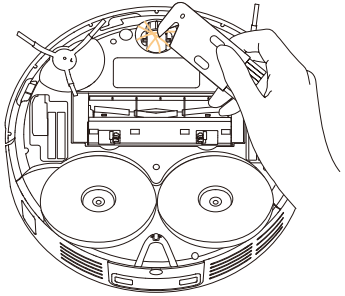
Maintain Other Components

Use a soft and clean cloth to wipe all sensors and some components in the robot, and avoid using any detergents or cleaning sprays.

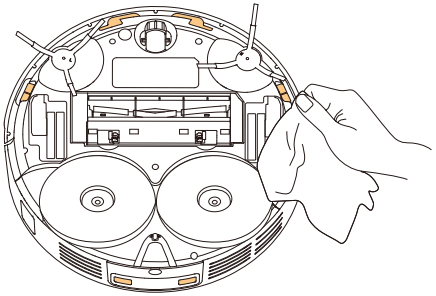
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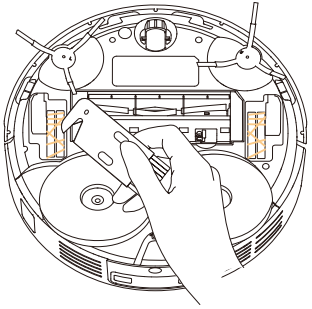
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3

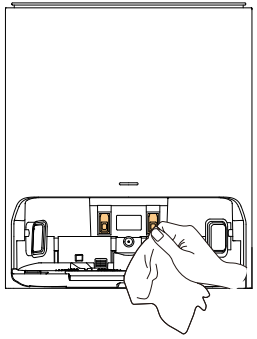


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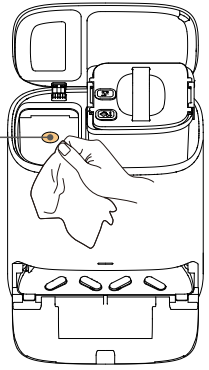


Maintain Other Components

5



6



Battery Mainteinance

- The robot has an internal high-performance lithium-ion battery pack. Keep the device charged on a day-to-day basis to maintain battery performance.
- If you are not using the device for a while, turn it off before storing it. Charge the device at least once every three months to avoid damage to the battery.
- It is recommended to change the battery after approximately 800 hours of cleaning to ensure an optimal performance.

Troubleshooting

When an abnormality occurs while the device is running, the power indicator light will flash red quickly. There will be voice prompts for some abnormalities. Refer to the table below for possible solutions.

Voice Prompts/Problems	Possible Causes	Solutions
Wi-Fi connection failed	• Wi-Fi network error. • Incorrect Wi-Fi account or password. • The robot is not ready to connect. • Mobile App error.	• Please keep the robot within the range of the Wi-Fi network. • Confirm Wi-Fi account and reenter the password, or reset the robot. • Follow the user manual to restore the robot to the factory settings • Update the mobile app and try again.
Unable to power on	• The battery level is low. • The ambient temperature is abnormal.	• Please charge the robot before using. • The temperature is lower than 0℃ (32℉) or higher than 40℃ (104℉). Please use the device with the temperature range of 0℃ to 40℃.
Unable to charge the robot	• The Omni Station is not connected to power. • The charging contacts are dirt. • The charging contacts are not well contacted.	• Please make sure that the station's power cord is plugged in correctly. • Clean the charging contacts of the robot and the charging sensor head on the station on a regular basis. • Exclude the possibility of poor contact caused by the side brushes or other objects. Try manually repositioning the device.
Put back the dust box before restarting the device	The dust box is removed.	Install back the dust box and make sure that it is installed correctly.
Check if the omnidirectional wheel is stuck	The omnidirectional wheel is stuck.	Please clean the omnidirectional wheel.
Check if the main brush is stuck	The main brush is stuck.	Please clean the main brush.
Check if the side brushes are stuck	The side brush is stuck.	Please clean the side brush.

Troubleshooting

Voice Prompts/Problems	Possible Causes	Solutions
The fan malfunctions	The fan malfunctions	• Please make sure that the fan is not blocked by the objects. • The fan channel, filter, dust box are dry and clear of obstructions. • Restart the device.
The radar has been covered or has been moved to a new place	• The radar is covered. • The anti-collision board is stuck. • The robot might get stuck.	• Please wipe the laser lens with a soft and dry cloths. • Clear the foreign objects around the anti-collision board. • Place the device at a clear and broader area and restart it.
Please check if the anti-collision board is stuck	• The anti-collision board is stuck. • The robot might get stuck.	• Clear the foreign objects around the anti-collision board. • Place the device at a clear and broader area and restart it.
Clean the anti-collision sensor	The lens of the right-side anti-collision sensor is dirty.	Please wipe the right side anti-collision sensor.
Clean the anti-drop sensor. Then, start the device after removing it from the danger area.	The anti-drop sensor is triggered after starting the device.	Remove and clean the anti-drop sensor. Then, move it to a level and open area before starting it.
Battery is damaged or has not been properly installed	Battery is abnormal while charging.	The battery is insufficient. Charge the device before use.
The robot has missed certain areas	The wall sensor or cliff sensors may be dirty. Wipe them with a soft dry cloth.	Wipe them with a soft dry cloth.
Decreased cleaning ability or ash leakage	The dust box is full, the filter is blocked, or the main brush is entangled with foreign objects.	Please clean the dust box, filter, and the main brush in a timely manner.

Troubleshooting

Voice Prompts/Problems	Possible Causes	Solutions
Insufficient battery during cleaning; device recharged but does not resume cleaning	• The robot is set to Do Not Disturb mode. • The robot doesn't resume cleaning when it is manually recharged.	• Please make sure the robot is not set to the Do Not Disturb mode in the app. • The robot doesn't resume cleaning when it is manually recharged or placed back to the Omni Station.
The robot does not return to the station after spot cleaning or after being moved.	• The reposition does not match the map. • The distance between the robot and the station is too far.	The device will regenerate the map after spot cleaning or being removed for a distance. Manually place the robot onto the station and recharge it.
The robot does not perform scheduled cleaning	• The battery is lower than 15%. • The robot is set to Do Not Disturb mode.	• The robot will start the scheduled cleaning mode only when the remaining battery is more than 15%. Please keep the device charged daily. • Disable the Do Not Disturb mode.
Insufficient battery level. Start recalling the device to charge.	Insufficient battery level while cleaning.	Please charge the device before use.
Check if the water channel is blocked	The pipe of the dirty water tank is blocked.	Please use the cleaning brush to clean the cleaning sink and the filter net.
Unable to return to the station to charge. Unable to locate the Omni Station.	• The station is not connected to a power supply. • The robot and the station are not at the same map. • The robot cannot reach to the station.	• Please make sure that the station is connected to the power. The LED of buttons are on. • Please make sure that the robot and the station are at the same map. • Please move the robot near to the station, and ensure that the returning path is clear of obstructions.
Firmware update failed	• Network connection error. • The robot has lost connection. • The battery of the robot dropped below 15%. • The robot is not on the station during the update.	• Ensure that the robot is in an area with good Wi-Fi reception. • The robot is turned on during the update. • The battery of the robot is higher than 15% during the update. • Ensure that the robot is always on the station during the update.

Troubleshooting

Voice Prompts/Problems	Possible Causes	Solutions
The robot cannot return to the station for recharge. Clear up obstacles surrounding the station	There are obstacles surrounding the station.	Remove objects within 1.5m (4.92 ft) of the front of the station.
The robot is onto the Omni station while the voice prompt says "Carpet is detected"	• The robot's charging contacts are not connected to the station pins. • The station is not connected to the power.	Please make sure that the station is connected to the power. Place the robot onto the station and ensure that it is charging.
The robot keeps rotating in the station and then leave the station to clean	• The robot's charging contacts are not connected to the station pins. • The station is not connected to the power.	Please make sure that the station is connected to the power. Place the robot onto the station and ensure that it is charging.
The dirty water tank malfunctions	• The cap is not sealed tightly. • The dirty water tank is not installed as required. • The waste outlet is blocked.	• Seal the dirty water tank cap securely. • Install the dirty water tank as required. • Remove objects on the waste outlet .
Dust collection is not working	• The respective dust collection inlet of the robot and station is blocked. • The cover lid of the station is not closed. • The dust bag is full. • The dust box in the robot is blocked.	• Remove objects on respective dust collection inlets in time. • Make sure that the cover lid is closed. • Replace a new dust bag. • Clean the dust box.
Failed to update the station	The station is not connected to the power.	Please make sure that the station is connected to the power.