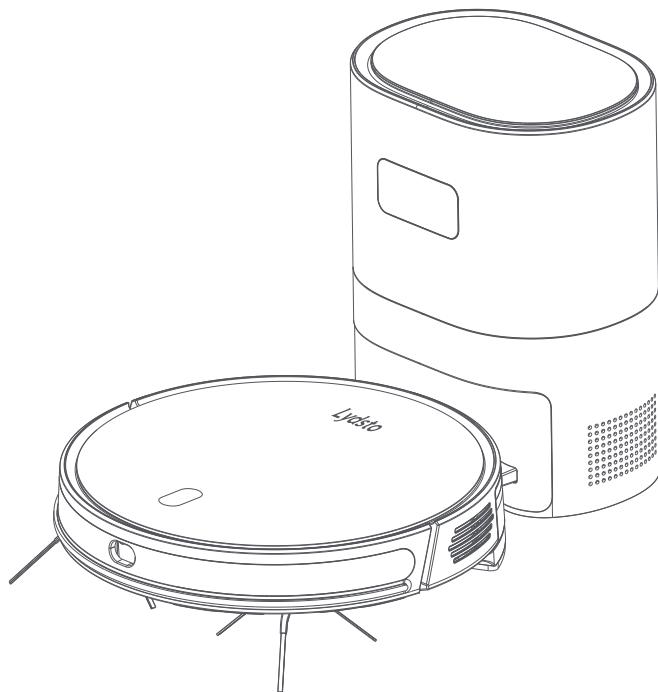


Lydsto Sweeping and Mopping Robot R3

Instruction Manual



Lydsto

Tips

Please read through this manual before using the product, and keep it properly.

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Safety information

⚠ Use limits

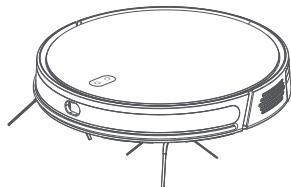
- Plastic bags are dangerous. Please keep them away from infants and young children to avoid suffocation.
- This product is only used for floor cleaning in normal temperature home and indoor environment. It should not be used outdoors (such as open balcony) and in commercial and industrial environment.
- Please do not use it in the hanging environment without protective fence.
- Please hang the cable on the ground at home before use to avoid dragging the cable when the host is running.
- Please put away the fragile articles placed on the ground at home before use.
- Do not use this product on uneven non floor.
- Do not let children and people with intellectual deficiency use the product, and do not let children use the product as a toy. Please prevent pets in your home from interfering with the robot's work.
- Do not use it to clean burning materials (such as cigarette butts, mosquito repellent incense, etc.).
- Do not use it to clean sharp or hard objects (such as decoration waste, glass, nails, etc.).
- Do not use in the toilet, do not clean the machine with water, and use a rag to wipe the surface of the machine.
- Please use the product according to the instructions. The user shall bear the loss and injury caused by improper use, manual disassembly and intentional damage.

⚠ Battery and charging

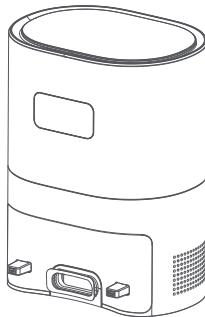
- It is forbidden to burn the product even if it is seriously damaged, and the battery in the product may explode due to burning. Do not discard the battery at will.
- Do not use any third-party batteries, charging equipment.
- Do not disassemble, repair or refit the battery and charging pile without permission.
- Do not place the charging pile close to the heat source (such as radiator).
- Do not wipe the electrode contact piece of the charging pile with wet hands or wet cloth.
- If the power cord is damaged, it must be replaced with a special cord or a special component purchased from its manufacturer or maintenance department.
- If the product needs to be transported, please ensure that the host is turned off, and it is recommended to use the original packaging box.
- If it is not used for a long time, please charge it at least every 3 months to avoid damage to the battery due to over discharge.
- When taking out the battery, first cut off the power, and then use the correct tools. First take out the screws of the battery cover, then open the bottom cover of the product, remove the battery connection terminal, and take out the battery from the battery.

Packing list

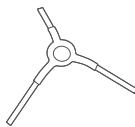
* The illustrations of products, accessories and user interface in the manual are schematic diagrams for reference only. Due to product updates and upgrades, the actual product may be slightly different from the schematic diagram. Please refer to the actual product.



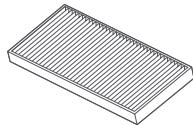
Main unit×1



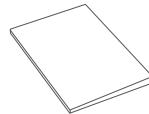
Dust collector×1



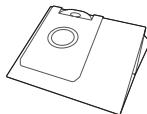
Side brush×4



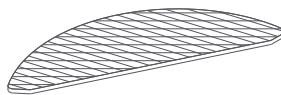
HEPA×1



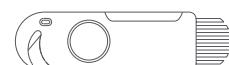
Manual×1



Dust bag×2
((The dust bags are placed in the dust bag bin of the dust collector, one of which has been installed.))



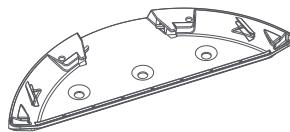
Disposable mop cloth ×5



Cleaning brush×1
((The knife is placed in the slot on the dust box))



Mop×1



Mop support×1
((Including 1 installed mop, plus 1 as a gift, 2 in total.))

Technical specification

Cleaning robot

Product name	Robot Vaccum
Product model	YM-R3-B03、YM-R3-W03
Product size	350*350*73 mm
Charging input	19V == 1A
Working voltage	14.4V ==
Rated power	45W
Battery type	Lithium battery
Battery capacity	5200mAh

Dust collector

Input	19V == 1A
Output	19V == 1A
Rated power	900W
Rated power	253 × 190 × 330mm

Product presentation

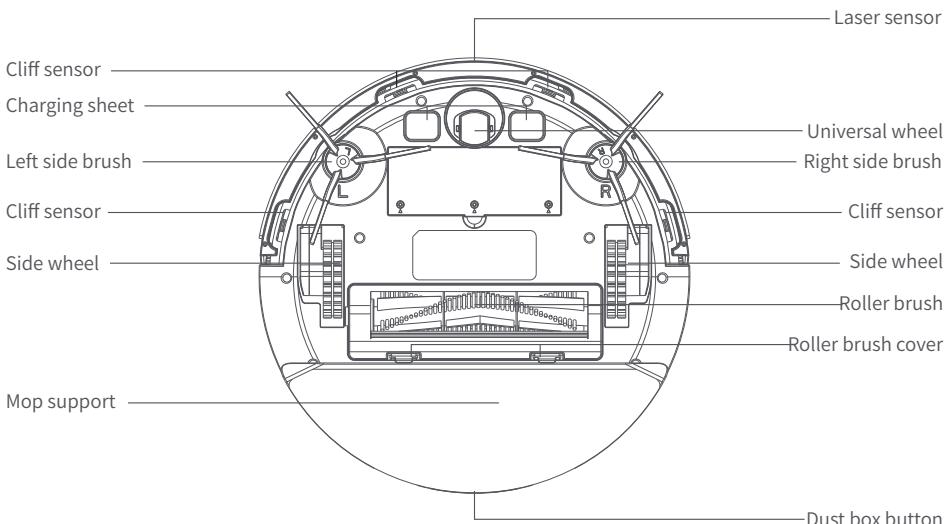
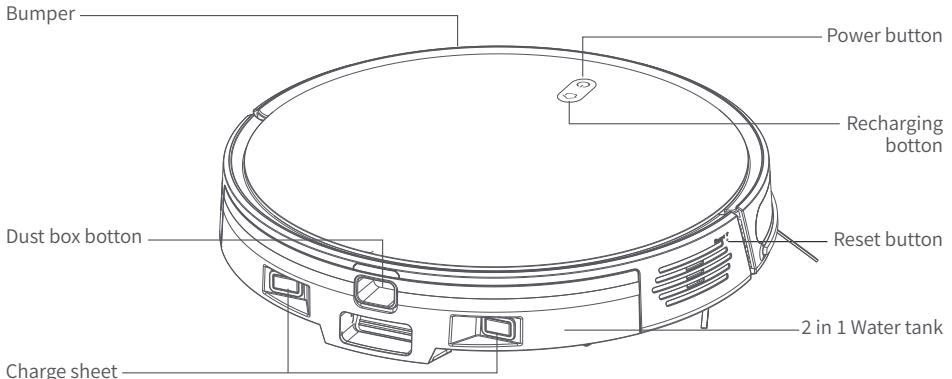
1. Main unit

⌚ Switch on/off/sweep

- *Long press, 3 seconds on/off.
- *Short press to start global cleaning.

🏡 Recharge/pause

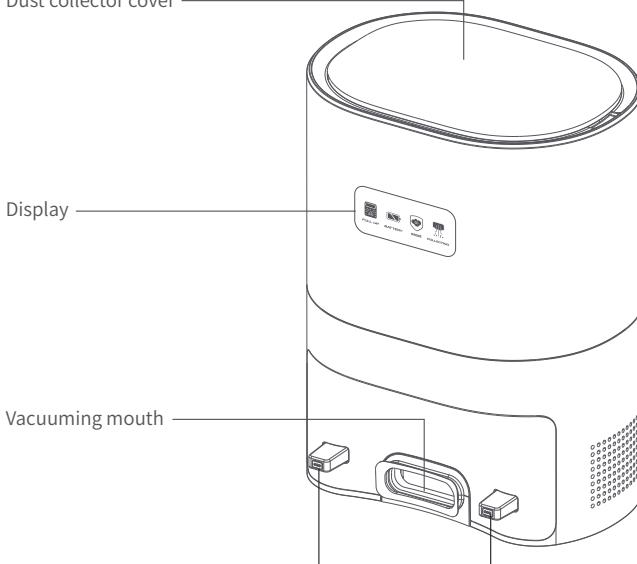
- *Press to start automatic recharge;
- *Long press for 3 seconds to start local cleaning;
- *Short arbitrary keys pause during recharge.



Product presentation

2. Dust collector

Dust collector cover



Warning dust bag is full,
please replace the dust bag.



Prompt deodorant working
status, light on as working



Indicates the battery status
of the host.



The device is collecting the
garbage in the dust box.

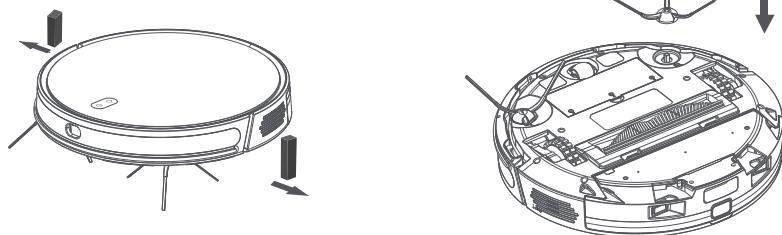


Indicator light reminder

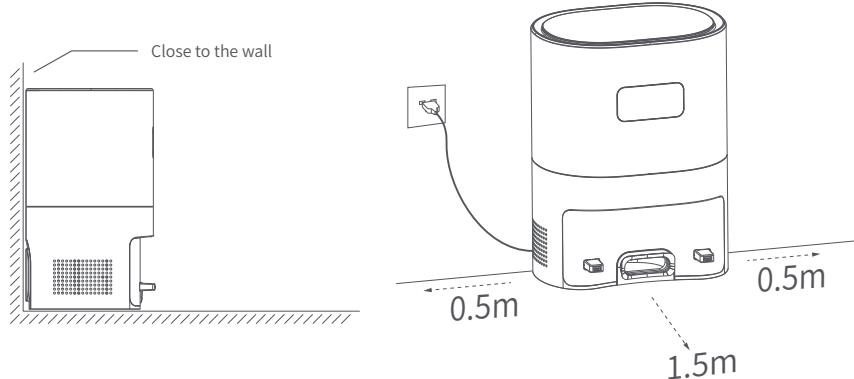
Robot status	Power light	Recharge light
Power on	Blue light on	Extinguish
Stand by	Always blue light	Extinguish
Charging	Blue light flash	Extinguish
Pause	Blue light slow flash	Extinguish
Cleaning	Always blue light	Extinguish
Recharging	Extinguish	Always Orange light
Exception	Red light fast flash	Extinguish
Power off	Blue light fast flash	Extinguish
WIFI reset	Blue light on	Extinguish
WIFI connected	Always blue light	Extinguish
WIFI connecting	Blue light flash	Extinguish
WIFI connection fail	Red light flash	Extinguish

Fast installation

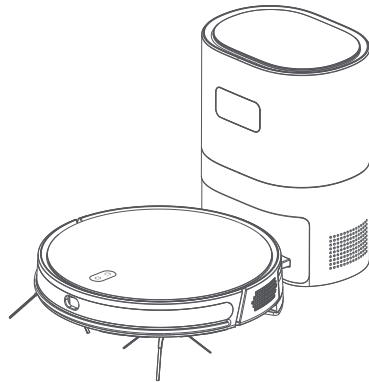
1. Remove the protective foam horizontally from both sides of the machine. Take out the left and right side brushes and install them on the machine in the direction indicated. Handle with care during operation.



2. Place the dust collector against the wall and ensure that there is no obstruction within 0.5 meters on both sides and 1.5 meters in front of it. Wrap the excess wire around the winding board and plug it in.

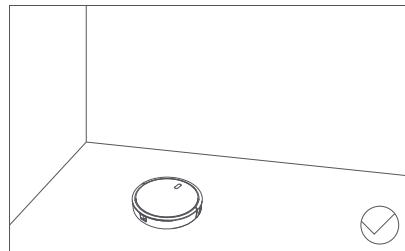
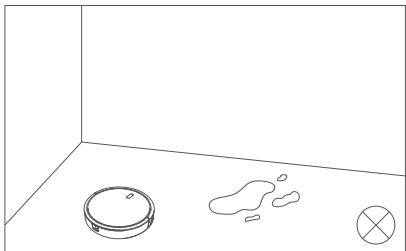
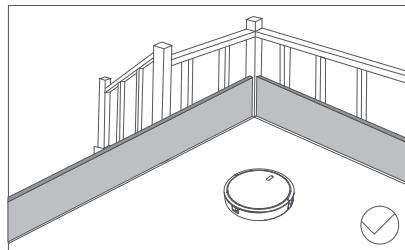
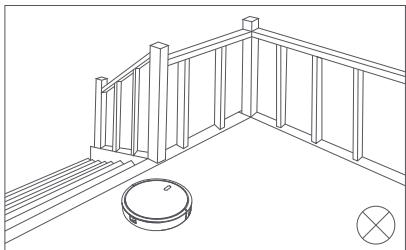
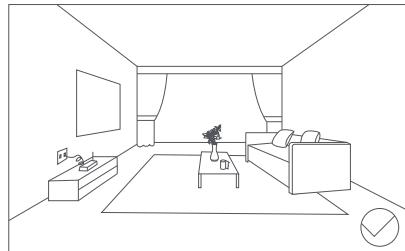
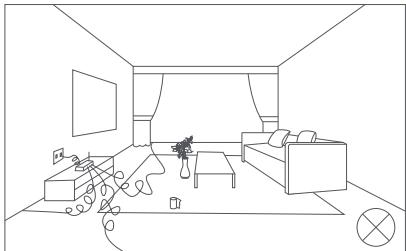


3. Before use, please put the main machine on the dust collector to charge, and then use after full.



Method of use

1. Before use, collect all kinds of cables and fragile items (such as vases and wine bottles) on the floor of the room. The stairs in the home again,elevator, kitchen and bathroom door set up good protective facilities, so as not to damage. Please be careful not to use robots to clean up standing water.



APP connection

Connect to Hydsto APP

Hydsto APP can be downloaded from Apple APP market or Google APP market.

Or Scan the following QR code, Download and install Hydsto APP.

Reset Wi Fi

Press and hold the buttons  and  for 3 seconds, then you will hear a voice prompt "WiFi has been reset", the power indicator will blink in blue, and the sweeping and mopping robot will enter the state of waiting connection.

Tips: only 2.4GHz frequency band Wi Fi network is supported.



Instructions

1. Sweep/pause

After the machine is successfully switched on, short press the “” button on the main machine, or use mobile phone APP to start the sweeping or pause.

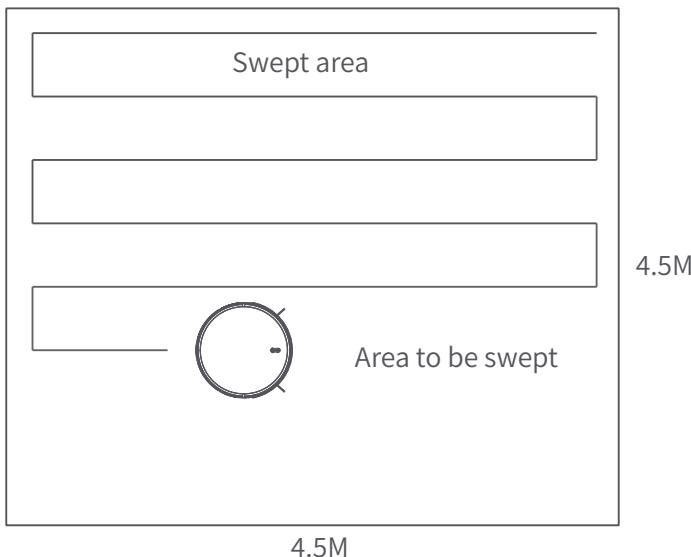
2. Recharging

When in use, if the power of the device is low, it will automatically return to charging. In the pause state, short press the “” button to start the recharging, or control the recharging in the mobile APP.

3. Operating Mode

① Automatic sweeping

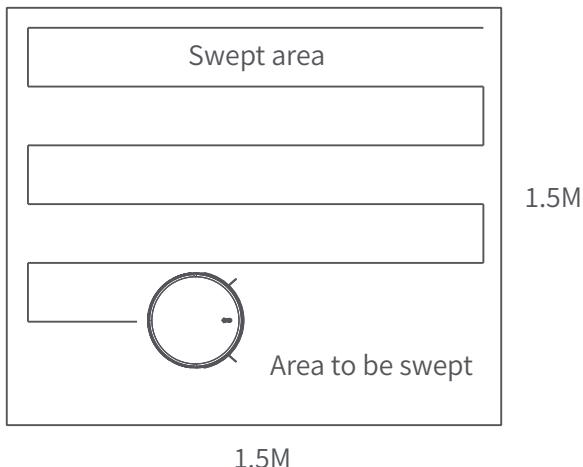
After the machine is started, the equipment first selects the 4.5*4.5m area and performs bow cleaning, and after cleaning the 4.5*4.5 area, it will move to the next partition, so as to achieve an orderly and efficient cleaning of the whole house. After cleaning, it will Automatically return to the charging base for charging. The default automatic cleaning mode when the Robot is powered on.



Instructions

② Fixed-point sweeping

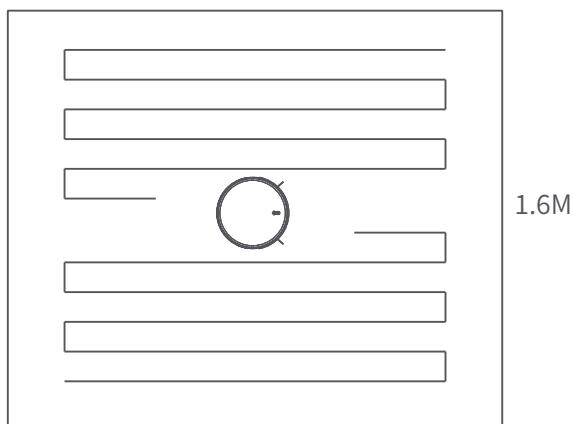
Using the “⊕” function on the mobile phone APP, the Robot will take itself as the center to sweep the area with a diameter of 1.5*1.5m for bow cleaning, and the Robot will automatically return to the starting position after cleaning and stop working.



1.5M

③ Local sweeping

With the current position of the robot as the center point, the area of 1.6*1.6m is the area for local cleaning. After the sweeping, the Robot will stop in place and wait for the next command.



1.6M

Instructions

④ Scheduled sweeping

The appointed sweeping time can be set by the mobile phone APP, the Robot will automatically start sweeping at the specified time, and return to the charging base for charging after the sweeping is completed.

(7X24-hour scheduling supported.)

⑤ Silent mode

When the silent mode is started, the Robot will not play voice, and the silent mode can be opened or closed on the mobile phone APP.

4. Suction adjustment

Use the mobile APP to select strong, normal and quiet modes, the default is normal mode.

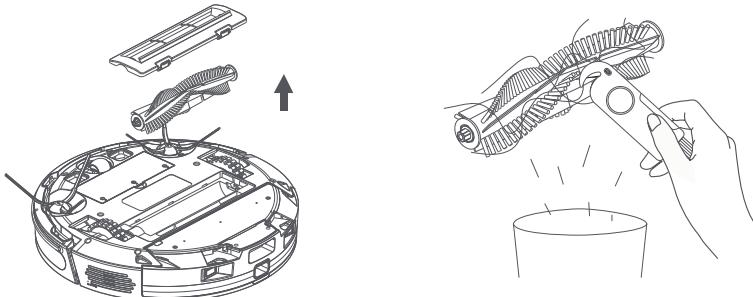
5. Water volume adjustment

High-level, middle-level and low-level modes can be selected by using the mobile phone APP (the default is middle-level mode).

Maintenance

1. Rolling brush (It is recommended to clean it once a week)

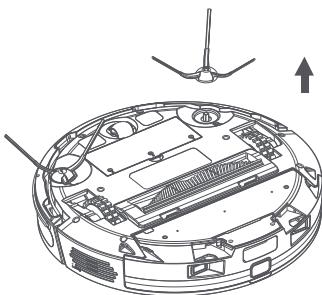
Flip the machine, press the snap on the rolling brush cover and remove the rolling brush cover, and then remove the rolling brush. Use the matched cleaning brush to clean the dust from the main brush and the rolling brush chamber, and then clean the entangled matters on the rolling brush. After cleaning, install the rolling brush back in the opposite direction.



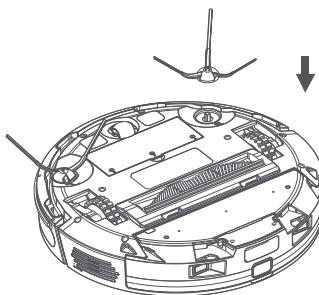
*The roller brush is a consumable item, and it is recommended to replace it every 3 months to ensure the cleaning effect. Please buy it on the official website.

2. Side brush (It is recommended to clean it once a week)

① Flip the machine and vertically pull out the side brush.



② Reinstall it after cleaning up the entanglement and dirt.



*Match left-side brush (L) and right-side brush (R) with the letters L and R on the bottom case, respectively and press down to install it.

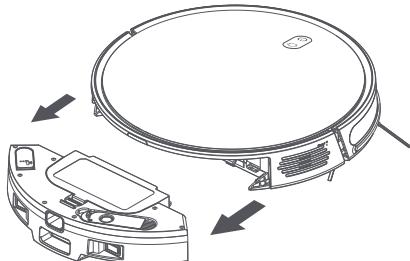
*The roller brush is a consumable item, and it is recommended to replace it every 3 months to ensure the cleaning effect.

*Please buy it on the official website.

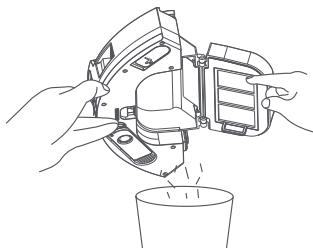
Maintenance

3. Maintenance of water tank/dust box/filter screen (it is recommended to clean and maintain after each use)

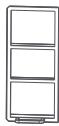
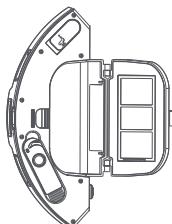
① Press dust box on the button, and then back out it.



② Press the switch of the dust box of the water tank, open the dust box and pour the garbage into the trash can.



③ Remove the filter gauze/ HEPA and sponge, and clean the filter gauze with water. Use a cleaning tool to remove debris from the HEPA. HEPA can't be washed, sponges can be washed. Then clean dust box, waiting for the sponge and filter gauze were to dry up again after use.



Early
effective
screen



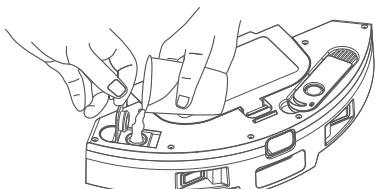
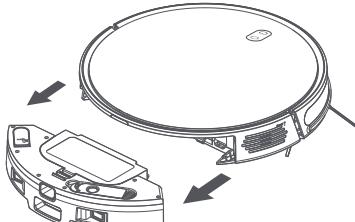
HEPA
screen



Sponge
cover

*HEPA filter and sponge are worn goods, it is recommended to replace one set every 3 months, please buy it on the official channel.

④ Make sure there is water in the water tank before using the mop function. Press the button on the tank dust box and then pull back the tank dust box. Open the lid of the water tank and add the appropriate amount of water and fasten the lid.

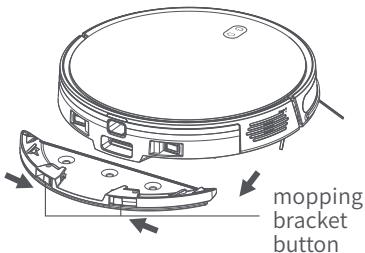


* Please do not add washing liquid, detergent, etc. Do not clean or soak the tank.

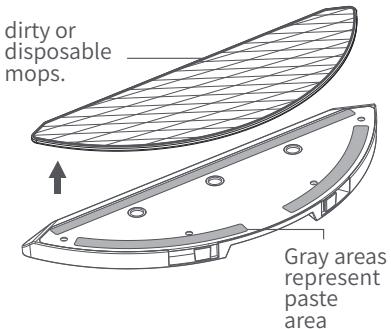
Maintenance

4. Mopping module maintenance (cleaning and maintenance after each use is recommended)

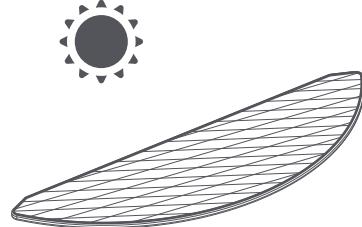
- ① Press the mopping bracket button with double pointing inside to remove the mopping bracket from the equipment.



- ② Remove dirty or disposable mops.



- ③ Clean mop or disposable mop clean and dry, to install or remove a new mop, disposable mop mop stents. Finally, install it back to the robot in the opposite direction of the removed bracket.

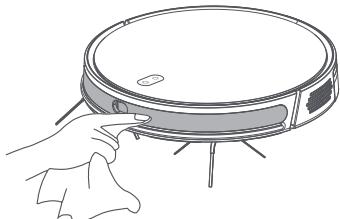


Attentions:

- *Do not use the mopping function on the carpet.
- *In order to get a better mop effect, it is recommended to clean the mop in time.
- *Replace the mop according to the actual use situation, so as not to affect the use effect.
- *Mops are wear and tear goods, please purchase from the official channel.

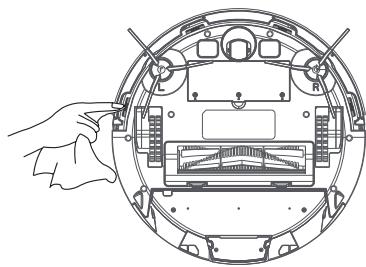
5. Robot signal area maintenance (recommended monthly cleaning)

- ① Clean the front anti-collision sensor with a soft, dry cloth.

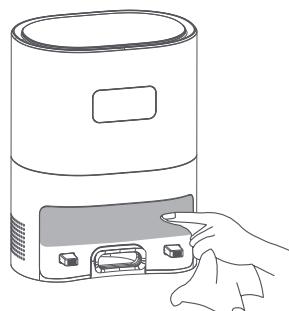


Maintenance

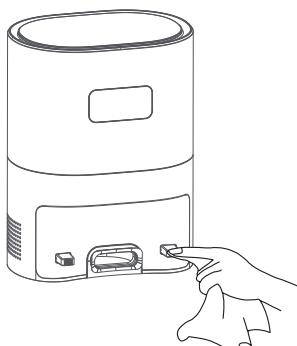
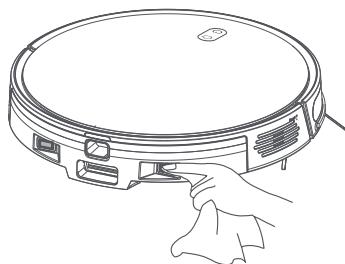
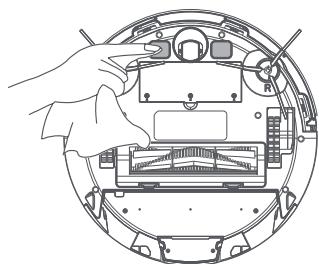
② Clean the TOF sensor with a soft, dry cloth.



③ Clean the return signal area with a soft, dry cloth.



④ Clean the charging contact area with a soft, dry cloth.

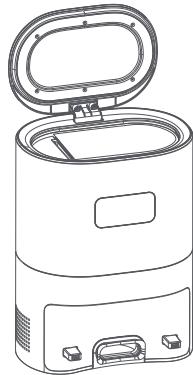


Maintenance

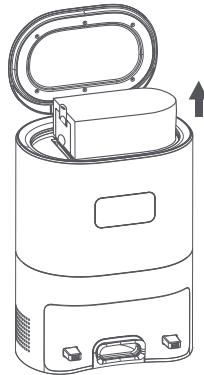
6. Dust Bag replacement

When the robot prompts that the dust bag is full, replace the dust bag in time. Dust bags are worn goods and can be purchased from official channels.

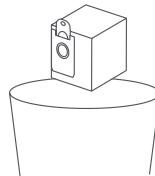
① Open cover



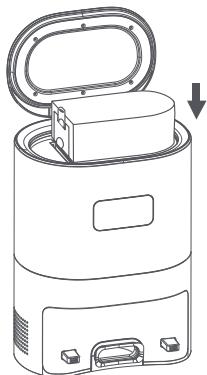
② Lift the dust bag up



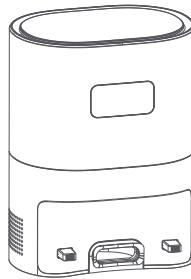
③ Throw the dust bag into the trash can



④ Install new dust bag



⑤ Cover the lid

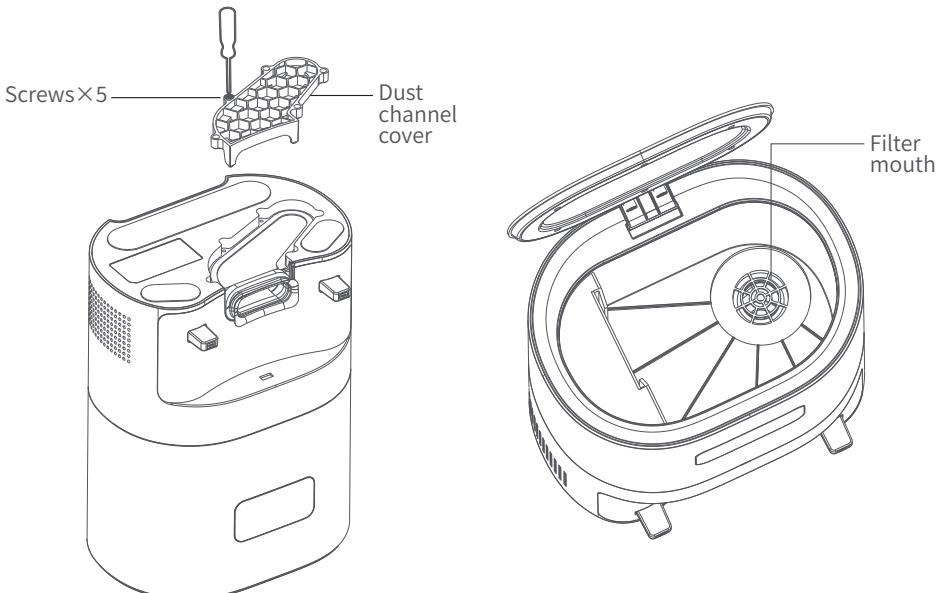


Maintenance

7. Clean dust collection dock channel and filter.

If the dock power is weaker after dust bag replacement, it is recommended to unplug the power plug and reverse the device to check whether the dust channel is blocked by foreign bodies.

Remove the cover of the dust channel with a screwdriver, and remove the foreign matter. Take out the dust bag to check whether there is foreign matter in the filter mouth and clean it.



8. Battery maintenance

- ① In order to maintain battery performance, please keep the host charged and do not use excessive power.
- ② If not used for a long time, please fully power off, and then store it.
- ③ Charge it at least every 3 months to avoid damage caused by over-discharge of the battery.
- ④ Please use matching power adapter while charging it.
- ⑤ The lithium battery does not need to be fully charged for 12 hours.

9. Firmware upgrade

Access the firmware upgrade through the APP. When the new firmware is detected, boot the upgrade as prompted. The firmware upgrade requires at least 50% of the power. It is better to upgrade the robot while charging.

Troubleshooting

Problem	Solution
Boot Failure	Low battery, place the robot on the charging base, align it with the point, it will start automatically. Use the robot only in 0 to 40 °C environment. Check plug of the power adapter is properly connected or not.
Charging failure	If the contact is not good, please clean the dirt on the charging point or remove the side brush. The robot is too far away from the dust collector, place it near the dust collector.
Recharge failure	Power off and restart.
Abnormal running	There may be wrapped around the roll brush, side brush or wheel. Please stop and clean robot.
Strange noise	Dust box is full, please clean it.
Reduced cleaning ability or dust	HEPA block, please change it. Roll brush is wrapped, please clean it.
WiFi connect failure	The WiFi signal not good. Please ensure good WiFi signal coverage area (2.4g band, not supporting 5G). Please reset the WiFi and download the newest APP and connect again. Please check password correctly.
Schedule-clean failure	Low battery, schedule-clean start when power is ≥15%.

Warning	Solution
Please reinstall the water tank before starting	Cleaning is triggered when the water tank is removed. Please put the water tank back.
Please start the robot on the level ground	Pick up the robot or suspend it. Move the robot to the flat ground before starting.
Please stay away from the restricted area and restart	Please move the robot to a non-restricted area before starting.
Dust bag is not installed properly	Check that dust bags are properly installed.
Please lay the robot flat on the ground before starting	Tilt the robot and move to flat ground before starting.
Equipment trap	Check whether there is any entanglement or obstruction, and clean the objects on the ground in time that affect the operation of the equipment.
Location failure	Map data is lost and the path is planned again
The machine was trapped	Please move the main engine to open ground before starting.
Please check the main wheels	Main wheel stuck or wrapped, check and remove foreign matter.
Please check the roll brush	Roll brush stuck or wound, check and remove foreign matter.
Please check the side brush	Side brush stuck or wound, check and remove foreign matter.
Off the ground, please return to the ground to start	Pick up or suspend the robot, move it to the flat ground before starting.
Please wipe the front anti-collision sensor	If the front anti-collision sensor is abnormal, clean and wipe it.
Please wipe wall-sensor	If the wall-sensor is abnormal, clean and wipe it.
Please check the bumper	The bumper stuck. Please clean and maintain it.

Manufacturer: Guangdong Yimu Technology Co., Ltd. Address: Room 201, Building 1, No. 1, Dongsan Lane, Hengjiang, Fushan, Liaobu Town, Dongguan, Guangdong, China