

# Robot Vacuum Cleaner User Manual

Please read this manual carefully before using the product and keep it safe.

## Safety Regulation

Before using this product, please read the following safety instructions and follow all the safety precautions.

Please read the instruction carefully. Please keep this instruction.

Any operation inconsistent with this instruction manual may cause damage to this product.

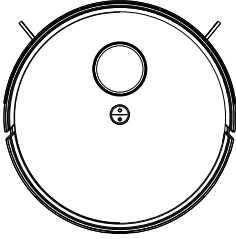
### Attention

- 1、 Only authorized technicians can disassemble this product. Users are not recommended to disassemble this product by themselves.
- 2、 Please use the original power adapter only. Other adapters may caused damage to this product.
- 3、 Do not touch wires, sockets or power adapters when your hands are wet.
- 4、 Do not use cloth curtains or body parts to roll into the product drive wheels.
- 5、 Do not place this product near cigarette butts, lighters and other smoldering fires.
- 6、 Please clean the product after charging.
- 7、 Do not bend wires excessively or place heavy objects and sharp objects on the machine.
- 8、 This product is an indoor household product. Do not use it outdoors.
- 9、 Do not sit on the product.
- 10、 Do not use this product in wet environment (e.g. bathroom).
- 11、 Before using this product, please remove all vulnerable items (e.g. glasses, lamps, etc.) on the ground as well as items (e.g. wires, paper sheets, curtains) that may entangle the side brushes and air suction passages.
- 12、 Do not put this product in a place where it is easy to fall (e.g. on desks and chairs).
- 13、 Please turn off the main power switch on the side of machine during transportation or not use for long time.
- 14、 Please carefully check whether the power adapter is connected to the socket before use, otherwise the battery may be damaged.
- 15、 To prevent tripping, please inform other members of the house when this product works.
- 16、 Please empty the dust box before using this product when the dust box is full.
- 17、 The temperature used for this product is 0 to 40 degrees celsius.
- 18、 Do not use this product in high temperature environment.
- 19、 Please remove the battery from the machine before the product is scrapped.
- 20、 Please make sure that this product is not powered on when removing the battery.
- 21、 Please recycle the discarded batteries safely.
- 22、 This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have beengiven supervision or instruction concerning use of the appliance by a person responsible fortheir safety. Children should be supervised to ensure that they do not play with the appliance.

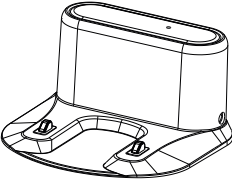
## Warning

- 1、 Use only the original rechargeable battery and charging station specially equipped by the manufacturer. Non-rechargeable batteries are strictly prohibited, please refer to “product parameters” for battery specification information.
- 2、 It is forbidden to use products in environments with open flames or fragile objects.
- 3、 It is forbidden to use products in extremely hot ( above 40 °C ) or extremely cold ( below 0 °C ) weather.
- 4、 It is forbidden for human hair, clothes, fingers and other parts to approach the opening and operating parts of the product.
- 5、 It is forbidden to use products on wet or stagnant ground.
- 6、 It is forbidden for products to absorb any articles such as stones and waste paper that may clog products.
- 7、 It is prohibited for the product to absorb any inflammable substances, such as petrol, toner and toner for printers or photocopiers. It is also prohibited to use the product in clean areas with flammable items.
- 8、 It is forbidden for products to absorb any burning articles, such as cigarettes, matches, ashes and other articles that may cause fire.
- 9、 It is forbidden to place articles at the suction port. Do not use the product when the suction port is blocked. Clean up dust, cotton wool, hair etc. at the suction port to ensure smooth air circulation at the suction port. Use the power cord carefully to avoid damage.
- 10、 It is forbidden to use the power cord to drag or pull the products and the product charging station. It is forbidden to use the power cord as a handle. It is forbidden to clamp the power cord in the crack of the door.
- 11、 It is forbidden to pull the power cord at sharp corners and corners.
- 12、 It is forbidden for the product to run on the power cord while the power cord should be far away from the heat source. Do not use damaged charging station. Even if the product has been severely damaged, burning of the product is prohibited, which may lead to explosion of the battery of the product.

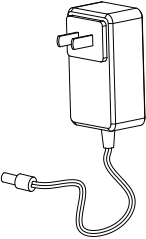
# Product Composition/ Package Contents



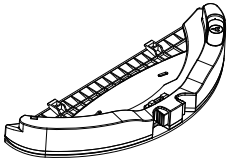
Host



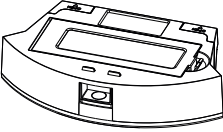
Charging Base



Power Adaptor



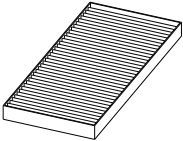
Water Tank(optional)



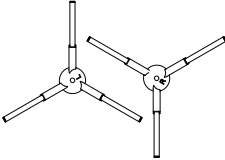
Dustbin



Cleaning Brush



HEPA



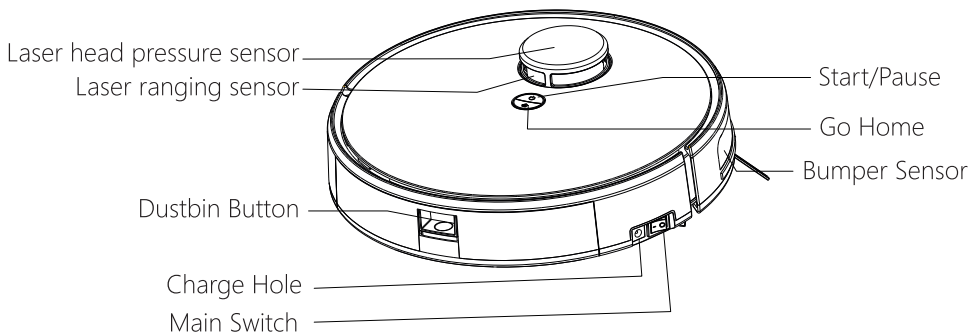
Side Brush



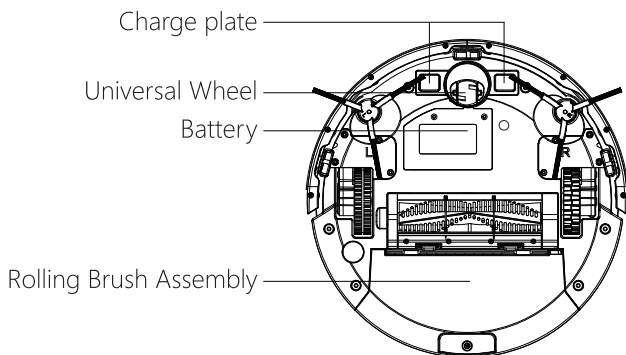
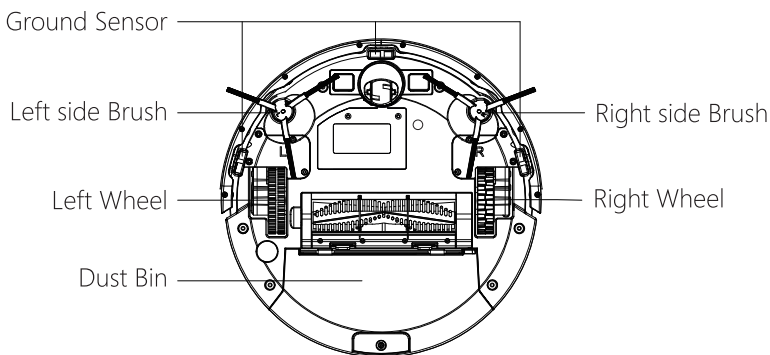
Mop

# Product Composition / Part Contents

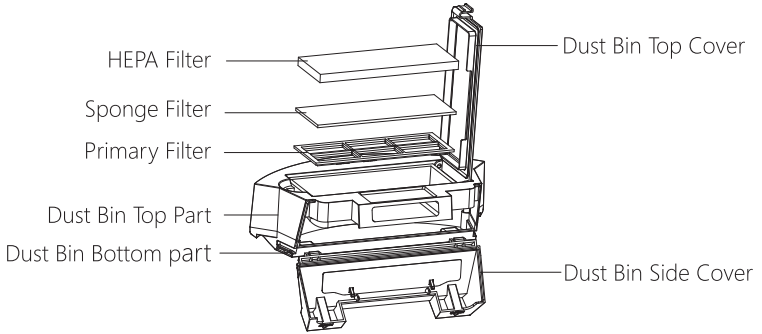
## TOP



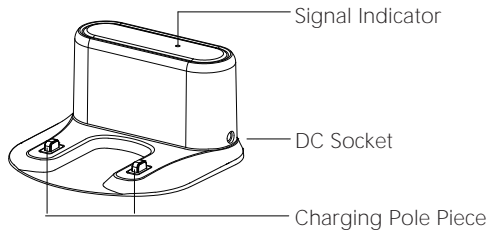
## Bottom



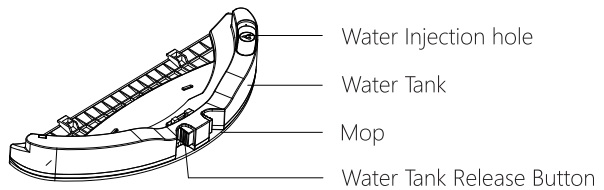
## Dust Bin



## Charging Station



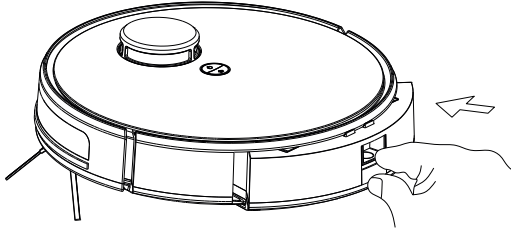
## Water Tank



## Product Usage/Preparation

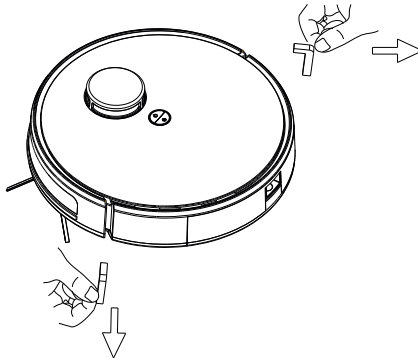
### Install dust box accessory

Press dust box switch and push it in as shown.



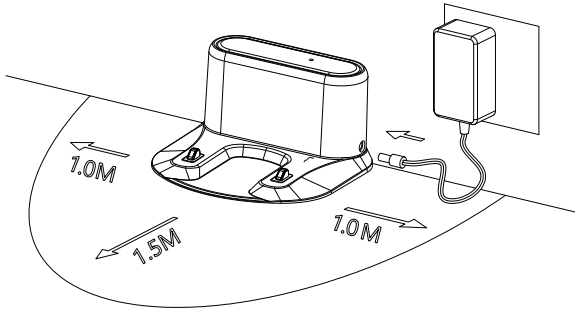
### Remove the Bumper Protective Strip

Before using the robot, please remove the protective strip from the robot.

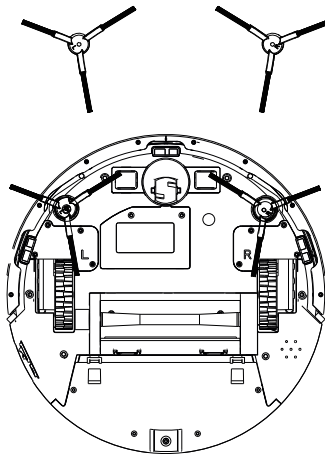


## Product Use / Charging Base

- 1、 Placing and charging: The charging station is against the wall and placed on a flat ground. Do not place articles within the range of 1.0m left and right and 1.5m ahead.



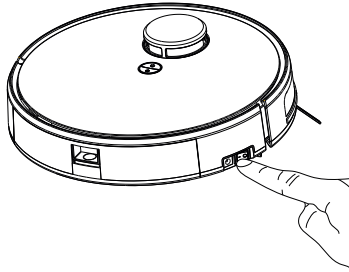
- 2、 Connect the power supply.
- 3、 Installing side brush: Install the side brush according to the left and right (L/R).





#### 4、 Turn on Main Switch

" I "means turn on robot " O "means turn off robot



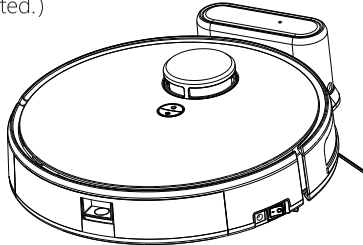
#### 5、 Charge

Two ways to charge the robot:

1.Put the robot on charge base to charge.

2.Use power adaptor to charge

(When charging, indicator light flashes, indication light will turn to green color once charging completed.)



During cleaning process, robot will detect its own power shortage then start return to charge base automatically mode; and look for the charging base for charging automatically. You can command robot to start the "return to charging" mode through the recharge button of the mobile APP.

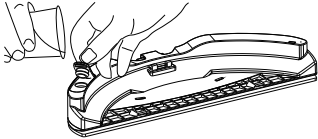
Charging attention:

- 1、 The charging station cannot be used in environments with strong reflection such as direct sunlight or nearby mirrors. If there is any object with strong reflection, please cover it 7cm from the bottom.
- 2、 In order to ensure the normal working hours of the host, please fully charge it before use. The charging time is about 6 hours.
- 3、 When charging, do not assemble the water tank assembly to the robot vacuum, so as to ensure the safety of charging and prevent wet mops from damaging the floor.

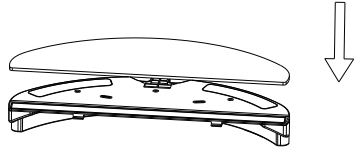
# Product Use/Water Tank Use

Water Tank is an optional function.

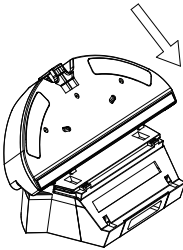
1. Open the water injection port of the water tank and plug the water injection cap.



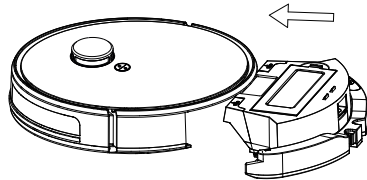
2. Install the Mop.



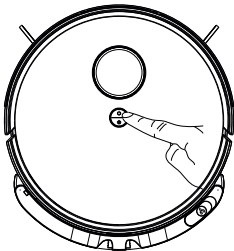
3. Install the water tank into dust bin.



4. Install the dust bin+ water tank on the host.



5. Start mopping the floor.



## Water Seepage Adjustment

Applicable scene: it is suitable for users to control the seepage volume according to the actual home environment.

Setting method: app control to adjust water seepage. The default value of automatic sweeping (sweeping) is medium water volume.

- \* Please don't use water tank on the carpet, if your room is with carpet, please use virtual blocker on APP to stop the robot enter carpet.
- \* Mopping mode completed, please clean the leftover water in the water tank and re-install mop to clean it.

# WeBack App Instructions

**Disclaimer:** This description is only used as a basic guide. Due to software upgrades, the content of the text interface has changed. Please refer to the actual App interface.

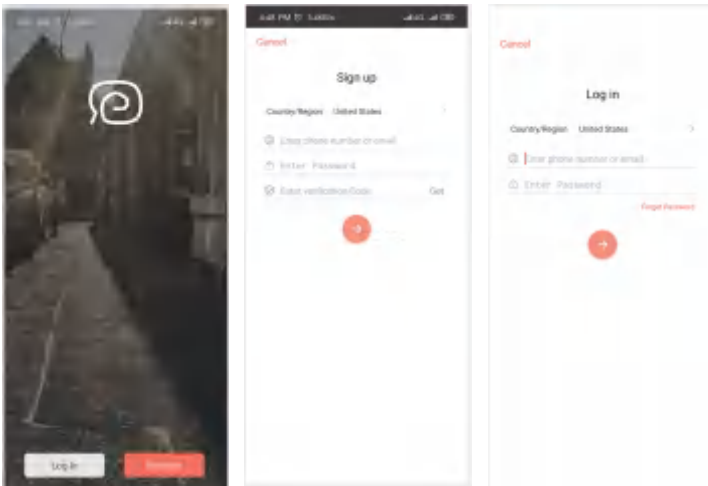
## 1.Download and install "WeBack" App

Scan QR code, download and install; Or search "WeBack" App in GoolePlay or Apple app store, download and install.



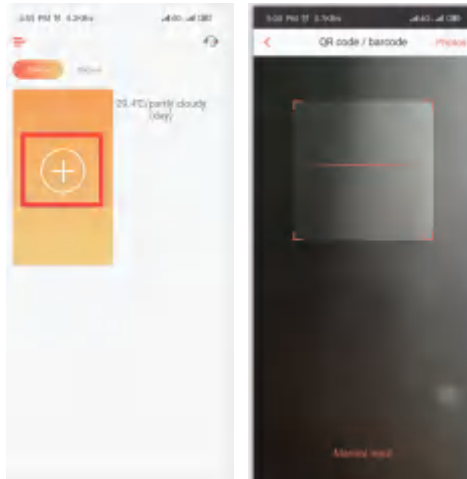
## 2. Sign up /Log in

Enter the App, enter the mobile phone or email account, set the password, click to get the verification code, and after receiving the verification code, enter the correct verification code to complete the registration, then log in App.



### 3. Add Devices to APP

3.1 Log in to the app, click "+", scan the QR code on the device, and add the device.



### 3.2 Select Wi-Fi network

Select 2.4G wi-fi and enter your password.

**Tips:** Please make sure the password is correct. The device does not support 5G networks. Please select 2.4G network. **Incorrect password or using a 5G network will cause the connection to fail.**



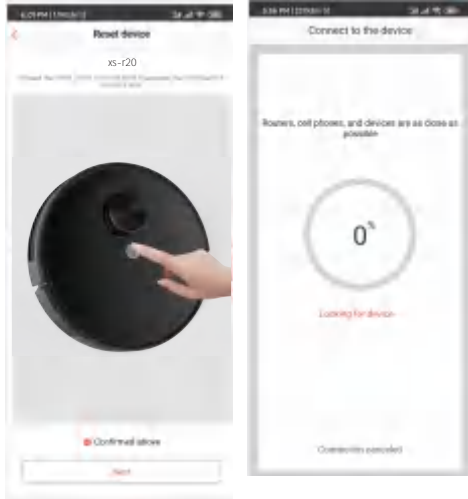
3.3 Reset device (Important steps)

(1) First, please use the power switch to restart the device.

(2) After restarting, press and hold the device button for 3-5s as shown in the figure, the device will sound a tone. confirm, and then click Next.

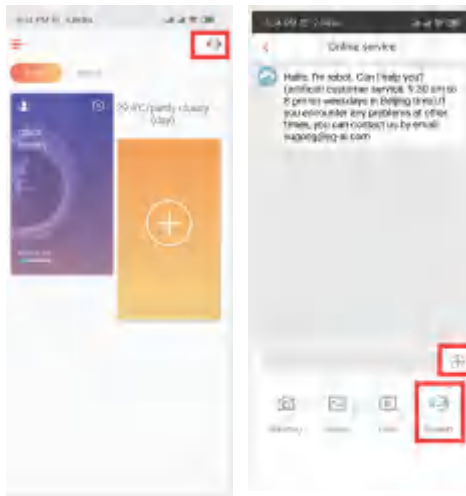
Tips: 1. Please do not configure the machine on the charging stand.

2. After long press, make sure the device sends a network prompt tone.



4. Online service

If you have any questions during the use, you can request online customer service.



## Product Use / Start Cleaning

According to different cleaning needs, the product has a variety of cleaning modes to choose from. You can start various cleaning modes through a host, remote control or app

### Automatic cleaning

Applicable scenario: The robot will scan and generate a map and intelligent partition according to the actual home environment after start up. The cleaning path is planned by means of edge cleaning first and bow-shaped filling, and each partition is cleaned one by one in an orderly and efficient, full coverage without omission.

Setting method: in the shutdown state, turn on power supply after robot broadcast the voice, press the start key on the robot or touch the " Ⓞ " key on APP to start automatic cleaning

### Partial cleaning

Applicable scenario: It is applicable to the ground environment where garbage is concentrated. Press partial cleaning button to start cleaning, while robot is on standby or suspended mode. This mode is used to clean the square area with 1.5x1.5 meters as the center of the robot. After the cleaning robot will automatically return to the start point then stop cleaning.

Setting method: touch  button on APP start local cleaning

### Zoning cleaning

Setting method: use APP to set zoning cleaning function, robot will go to clean planned area on the phone

### Designated spot

Setting method: use APP to specify the target point on the map, robot will go to the designated place automatically.

### Suction adjustment

Setting method: APP control to adjust the suction power .

### Manual Control

Setting method: press direction button in APP or remote control to control robot going forward, backward and turns.

### Virtual wall

Setting method: press virtual wall in APP to draw the virtual wall line.

You can use virtual wall to isolate the areas that do not want to be cleaned.

## Product use / pause, wake up and shut down

Pause:

During cleaning, press start button or touch  icon on APP, robot will stop cleaning.

Wake up:

When if robot suspended more than 3 minutes, all the indicator lights will off, robot goes into sleep mode. You can press start button or press start icon on APP to wake robot up.

Shut down:

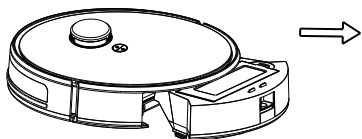
After the host stops working, press the host button "start" for a few seconds and all the indicator lights off means that the host has been shut down.

After the host stop working, you can turn off the main switch manually, and all the indicator lights off means that the host has been shut down.

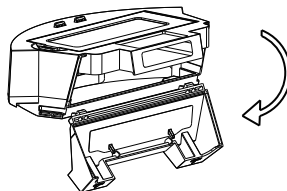
\* After the host finish working, please keep the host on and charged for next time work (If not in use for a long time, please turn off the power switch) .

## Component maintenance/dust bin&Filter

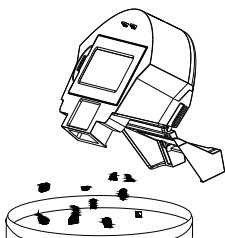
1. Press dustbin release button to take out dustbin.



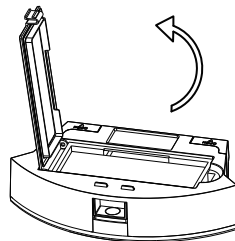
2. Open the dust bin side cover.



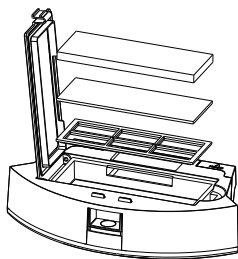
3. Dumping the rubbish.



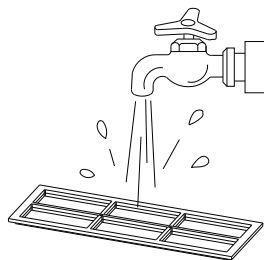
4. Open the HEPA filter cover.



5. Take out of HEPA filter, Sponge Filter and primary filter, clean it by mop or brush. Sponge filter/HEPA filter can't be washed.

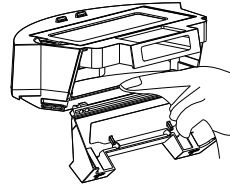


6. Remove the dust from primary filter and wash, dry it before next time use.



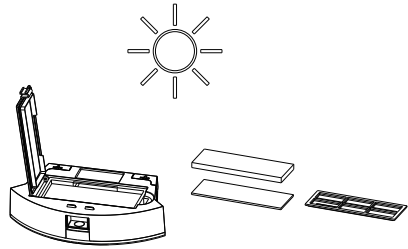


**7.** Clean the dust bin by mop or cleaning brush.



**8.** Dry the dust bin and filters, keep it dry to extend its lifespan.

Attention: Please wash the primary filter every 15-30days,HEPA filter lifespan is about 3month.



**9.** Replace the primary filter and the HEPA filter into the dust bin.

Attention: 1、 Before installing the filters, please ensure that the HEPA filter and the primary filter are in dry state.

2、 Do not expose the HEPA filter and primary filter to the sun.

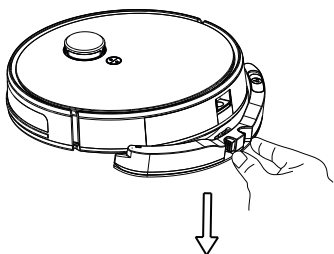
**10.** Close the dust bin cover and install the dust bin into the host.

Attention : Dust bin can't wash.

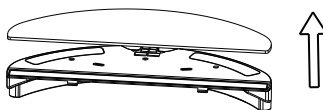
# Component maintenance/water tank&mop

Water tank is an optional function.

1. take off water tank.



2. take off mop.



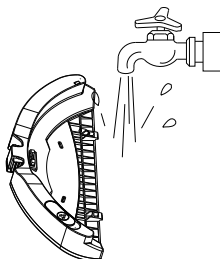
3. Clear the water. (if long time no use)



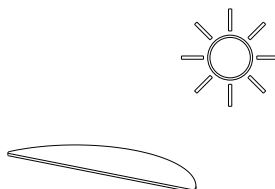
4. Wash the mop.



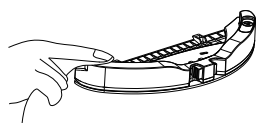
5. Clean Water tank.



6. Dry the mop.

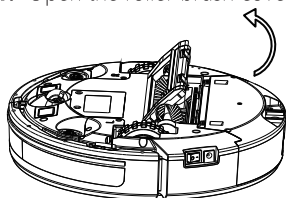


7. Dry the water tank.

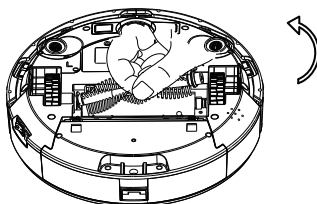


## Main Roller Brush

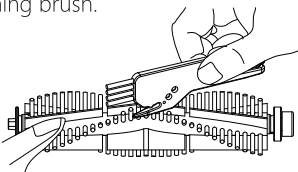
1. Open the roller brush cover.



2. Take out the roller brush.

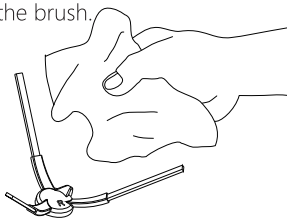


3. Clean the roller brush by cleaning brush.



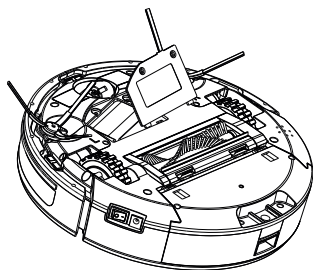
## Clean the Side Brush

Take off the side brush, use mop to clean the brush.

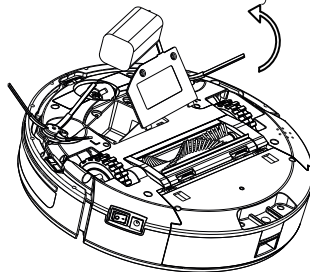


## Disassembling battery

Remove the screw and open the battery cover



Take out the battery



The instructions for appliances incorporating batteries that are intended to be replaced by the user shall include the following:

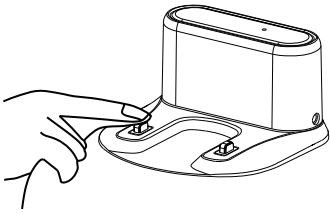
- the type reference of the battery;
- the method of replacing batteries;
- the orientation of the battery with regard to polarity;
- details regarding safe disposal of used batteries;
- warning against using non-rechargeable batteries;
- how to deal with leaking batteries.

Instructions and Suggestions for the disposal of used batteries: This product does not support users to replace batteries by themselves, and the forced removal of batteries will damage the functions of the product.

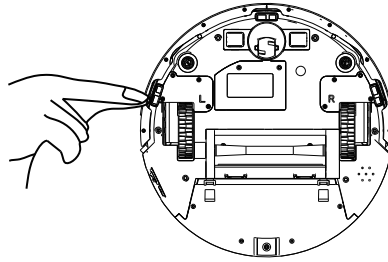
## Component maintenance/charging pole pieces&ground sensor&Right/Left wheels&front wheels

### Friendly Reminder:

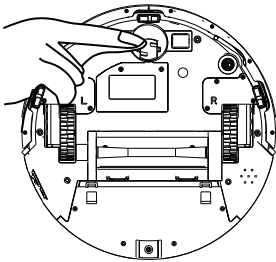
The interior of the charging pole pieces, the ground sensors and the front bumper all contain sensitive electronic components. Please use dry mop to clean the above parts and do not use wet mop to prevent damage caused by water inflow.



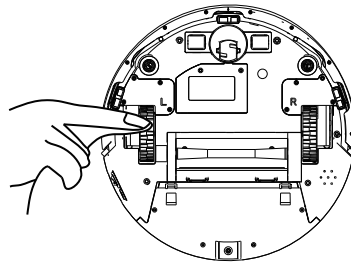
Clean the charge pole pieces



Cleaning the ground sensors



Clean the front wheel



clean the right/left wheel

- \* If you do not use the product for a long time, please fully charge it before storing. Turn off the host and keep charging power to it every 3 months to prevent the battery from over discharge.
- \* If the battery is over discharged or is not used for a long time, the product may not be able to be charged. Please contact our company for after-sales maintenance. Do not disassemble it by yourself
- \* **The product drawings and component drawings in this description are for reference only, and the actual product shall prevail.**

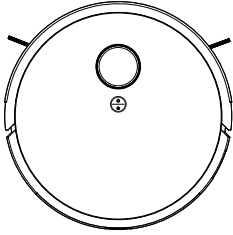
## Self judgment and elimination of common fault list

Prompt Tone	Cause of Failure	Solution
Lifting Condition	Robot suspended	Please put the robot back to the ground and press the start button again.
The robot is not yet ready	Press button  when ground or collision detection is effective	Please check whether the front bumper can be bounced normally, and the sensors cleaned
Low battery	Low Battery Reminder when robot in no charge base area	Please charge the robot manually
Low battery	Low Battery Reminder when robot in no charge base area	Please charge the robot manually
Battery is too low, will shut down soon	Low Battery Reminder when robot in no charge base area	Please charge the robot manually
Charging problem	Charging station problem	Please check whether the connection between robot and charging pole pieces connected well, or use adaptor to charge directly.
Main brush get tangle, please clean main brush	Roller Brush get tangle	Please check whether the roller brush is twinned and clean up
Right wheel jammed, please clean right wheel	Wheel Jammed	Please check whether the wheel is entangled and clean up
Side brush jammed, please clean side brush	Side brush jammed	Please check whether the side brushes is twinned and clean up
Bumper sensors has been blocked	Bumper problem	Please check whether the front bumper can be bounced normally
Cliff detect sensor has been blocked	Ground sensor problem	Please check whether the cliff sensor get dirtied or be obscured
Vacuum Motor jammed, please clean it	Vacuum motor jammed	Please check whether the dust bin enter is blocked
The robot get stuck, please remove the robot	The robot is stuck or the laser head is stuck	Please check whether the robot is stuck or the laser head is stuck
The robot jammed, please remove the robot	The robot jammed or the laser head is obscured	Please check whether the robot jammed or the laser head is obscured
Border sensor has been blocked	Right border sensor is obscured	Please check the sensor is obscured
The laser head is stuck	The laser head is stuck	Please check the robot is stuck
The laser head obscured	The laser head is obscured	Please check the laser head is obscured

**When error occur during working, a voice prompt will be reported, please refer to following table to solve problems.**

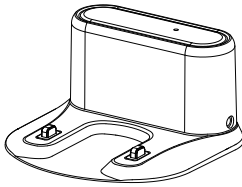
# Product Parameter

## The Host



Description	Parameter
Size	330*96mm
Battery	Lithium
Weight	2.6kg
Rated Power	14.8v
Rated Power	32W

## Charging Base



Description	Parameter
Size	155*150*80mm
Input	19V
Output	19V 0.6A
Rated Power	11.4W
Rated Frequency	50/60Hz

Component	Harmful Substances					
	Pb/Pb compound	Hg/Hg compound	Cd/Cd compound	Cr(VI)/ Cr(VI) compound	PBB	PBDE
Plastic	o	o	o	o	o	o
Hardware	x	o	o	o	o	o
Host circuit module	x	o	o	o	o	o
Electronic components	o	o	x	o	o	o
Battery	o	o	o	o	o	o
Plug power cord	x	o	o	o	o	o

Description: This form is prepared in accordance with the provisions of SJ/T 11364

o indicates that the content of the hazardous substance in all homogeneous materials of the part is below the limit requirement specified in the current valid version of GB/T26572.  
 x indicates that the content of the hazardous substance in at least one of the homogeneous materials of the part exceeds the limit requirement stipulated in the current effective version of GB/T26572, and there is no mature alternative in the industry, which meets the environmental protection requirements of the EU RoHS Directive.

# FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.



The number in this logo indicates that the product has an environmental protection period of 10 years under normal use.

Executive standard: GB4706.1-2005 GB4706.7-2014  
GB4343.1-2009GB17625.1-2012



" CE "marking states that the product is compliant to European Directives  
2014/35/EU Low Voltage Directive  
2014/30/EU EMC Directive

It is possible to request a full copy of Declaration of compliance to the Distributor.

This product complies with the rules of RoHS Directive(2011/65/EU&2015/863/EU)

This product complies with the rules of Eup Directive(2009/125/CE)