

# ROBOTIC VACUUM CLEANER

**USER MANUAL**

(Before using this product, please read the safety instructions below and follow all the routine safety precautions)

## FCC Caution.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any 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.

\*RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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# Wi-Fi Setup Instructions

# 1

Scan QR code in figure1 to download and install "WeBack" app.



IOS



Google Play

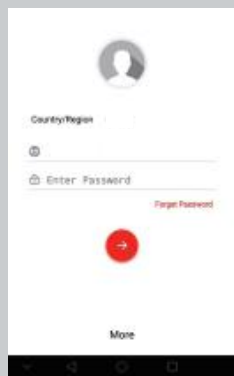


Figure 2

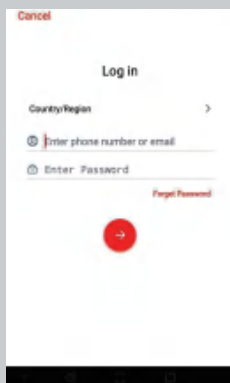


Figure 3

# 2

Touch APP.If you do not have a account, touch More,REGISTER. After logging in, touch ADD A DEVICE.

# 3

Scan the QR code of the device or the QR code on the right side,or manually enter Device name to confirm the device model,turn on the " Power switch" by following APP instructions and go to the next step.



Figure 4



# Wi-Fi Setup Instructions

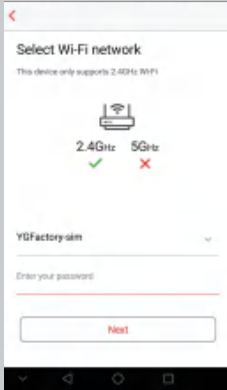


Figure 5

4

Enter your wireless network information and the Wi-Fi password and then press NEXT.  
NOTE: Make sure your mobile device and the vacuum are connected to the same Wi-Fi network.

5

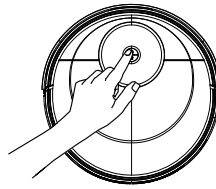


Figure 6

Press and hold the home button for 3-5s until hearing "Two voice di di" before releasing it and purple light blink, then touch CONFIRM ACTIVATION. Once setup is complete, you will hear a prompt tone "Three voice di di" and device management interface will be presented, as shown figure 7. You can touch the icon or the icon top right corner to manage your robot.



Figure 7



Figure 8

6

You can customize, schedule & monitor cleaning sessions and remaining power on the device control interface, as shown in figure 8.

# Wi-Fi Setup Instructions

7

You can click the icon “ setting of device ” , as shown in Figure 9, to get the method to connect smart speaker application, such as Alexa, Google home and Siri.

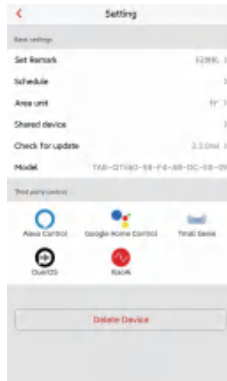


Figure 9

# Safety Instruction

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

Please read the instructions carefully and keep them for future reference.

Any operation that does not conform to the instructions may cause damage to the product.

## Safety considerations of Main Body and Accessories

### Warning

01. Do not disassemble, repair or refit the product without authorization; otherwise it may damage the product or pose a hazard.
02. Do not use the product in an environment with risk of fire or explosion.
03. This product can only use the original power adapter; otherwise the product may be damaged or catch on fire.
04. Do not stand or sit on this product; doing so could damage the product or cause it to fall over.
05. When the metal part of the power plug is dusty, please wipe it with a dry cloth.
06. The power adapter is applied to a 100-240V AC voltage. Please plug into the socket properly and keep away from children.
07. Do not wash or soak the main body and electronic accessories in the water; otherwise the product may be damaged by a short circuit.
08. Do not damage, load weight on, heat, pull, or bend it.
09. During cleaning, please pay attention to the safety of toddlers and elders at home to avoid injury. (Please pay special attention to toddlers).
10. This product is for home use. Please do not use it outdoors.
11. Do not allow metal and conductive materials to come in contact with the battery; doing so may cause a short circuit.
12. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision

### Attentions

01. Do not touch the product with wet hands; doing so may cause an electric shock.
02. Please do not place the product in places where it could easily fall, such as tables, chairs, high platforms in room, etc.
03. The product has a sophisticated design and should be protected from long-term exposure to sunlight.
04. Please do not use the product in humid environments, such as bath-rooms.
05. Please do not place the product near cigarette butts, lighters or other open fires.
06. Please clean the product after finishing charging.

# Safety Instruction

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07. Please turn off the power switch on the side of the robot when the product is out of service for a long time.
08. Please check carefully to see if the power adapter is connected to the socket prior to use, to avoid damage to the robot.
09. Before using the product, please remove all vulnerable items on the floor, such as glass, lamps, and items such as wires and curtains that may entangle with the side brush and suction passages.
10. When the dust box is full, please empty it before using again.
11. Please do not use the robot to clean the construction waste.
12. The operating temperature of the product ranges from 0 degree Celsius to 40 degrees Celsius; please do not use it in a high temperature environment.
13. Before the product is scrapped, please remove the battery from the robot. When you remove the battery, please ensure that the product is not connected to a power supply. Please recycle the battery safely for environmental protection.

## Safety Considerations for Rechargeable Battery

### ⚠ Danger

01. Always use a dedicated battery adapter to avoid leakage, heating or rupture.
02. Do not short-circuit the battery or remove the battery; doing so may cause leakage, heating or rupture.
03. Do not transport or preserve with necklaces, hairpins, and other metal objects; doing so may lead to short circuit, resulting in leakage, heating or rupture.
04. Do not burn or heat the battery; doing so may cause leakage, heating or rupture.

### ⚠ Attention

01. If abnormal overheating is discovered during charging, stop using it immediately to avoid leakage, heating or rupture.
02. To prolong the service life of the battery, please remove the battery and place it in a cool, dry environment if it is out of service for a long time; this will avoid leakage, heating or rupture.
03. Do not soak in water or let it come into contact with any liquid; otherwise it may cause leakage, heating and rupture.
04. Be sure to stop using it immediately in case of any exception (e.g. discoloration or deformation), to avoid leakage, heating and rupture.
05. Always use tape to insulate the battery's electrode when recycling or disposing of it.
06. If the battery leaks, wipe it clean with a dry cloth, recycle it in time, or discard it.
07. Put the recycled batteries in the recycling bins set up by the community, hotels, schools, large shopping malls, supermarkets, etc or the hazardous trash can collected by professional recycling agencies. Discarded product batteries must be removed and discarded in accordance with local laws and regulations.

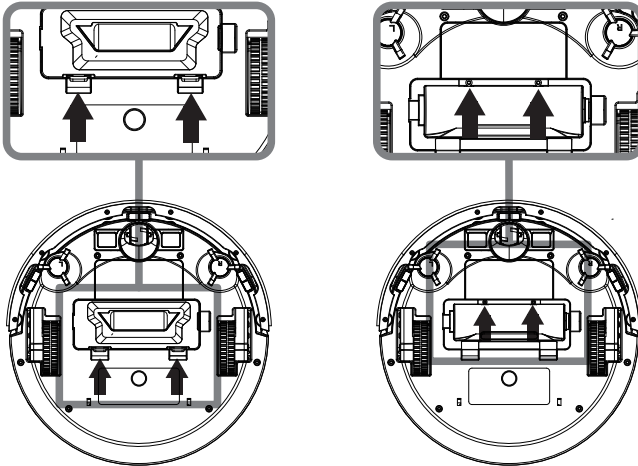


# Safety Instruction

## ⚠ Warning

01. When skin or clothing is exposed to the battery electrolyte, immediately wash with clean water to avoid inflammation of skin, etc.
02. Do not use the rechargeable battery on other devices. This battery is only suitable for this robot.
03. If the battery's outer box is found to be deformed and expanded, or leakage of electrolytes is found, do not charge or continue to use to avoid danger.
04. Do not throw or inflict a strong impact on the battery; doing so may cause leakage, heating and rupture.
05. Do not disassemble the battery pack; doing so may cause battery rupture and electrolyte outflow, leading to fire, explosion and other dangers.
06. **WARNING:** For the purposes of recharging the battery, only use the detachable supply unit (model: DBS012A-1900600G) provided with this appliance.

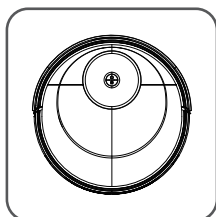
## How to remove the battery



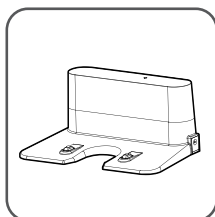
01. disassemble the suction hole set or middle brush.
02. Take out two screws on the battery cover with a screw driver.
03. Take out the battery cover.
04. Take out the battery and unplug the electric wires to remove the battery.

# Product Components

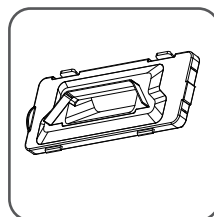
## 3.1 Name of Parts



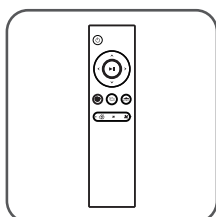
Main Body



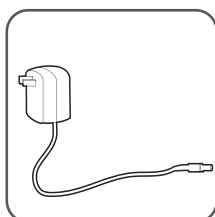
Charging Base



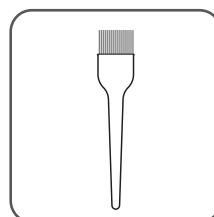
Suction Port



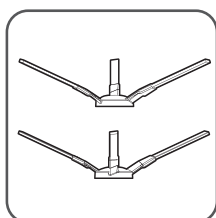
Remote Controller



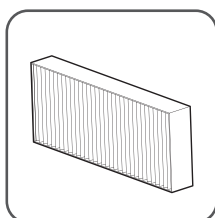
Power Adapter



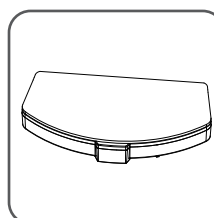
Cleaning Tool



Side Brushes



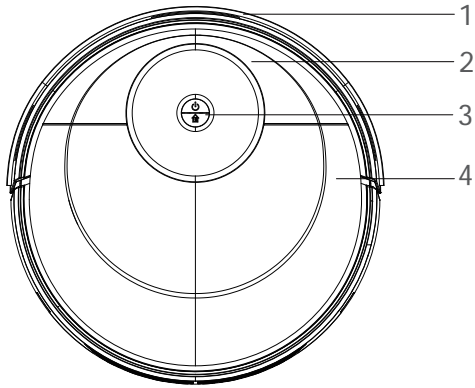
High-efficient Filter



Water Tank Component

Accessories of some models may be slightly different and they are subject to the actual received products.

# Product Components



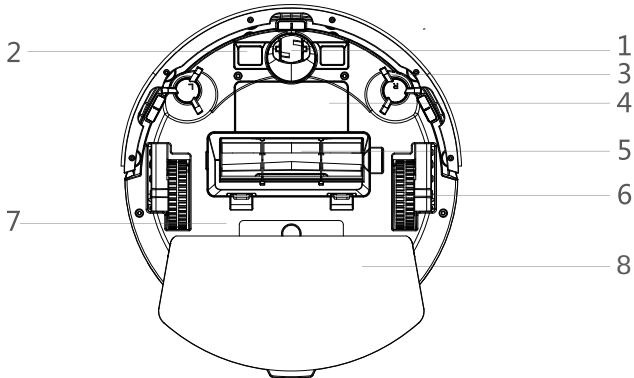
## Main Body

1.Bumper

2.Decoration Cover

3.Button

4.Clamshell



## Main Body

1.Universal Wheel

2.Electrode Slice

3.Side Brush

4. Battery Cover

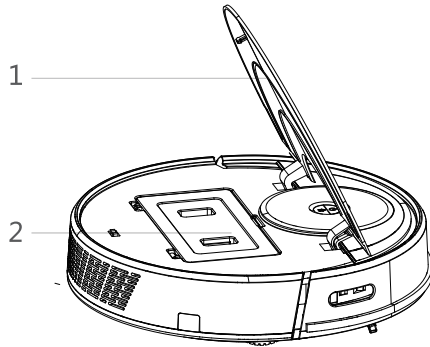
5. Rolling brush components

6. Side Wheel

7.chassis

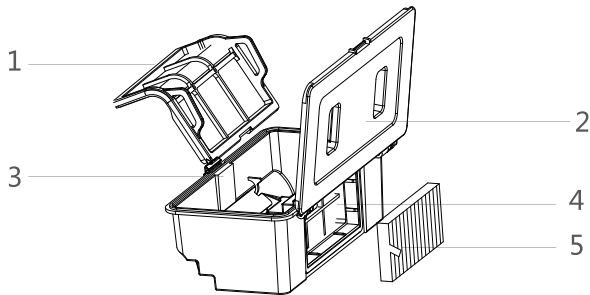
8. Water Tank with Mop

# Product Components



## Main Body

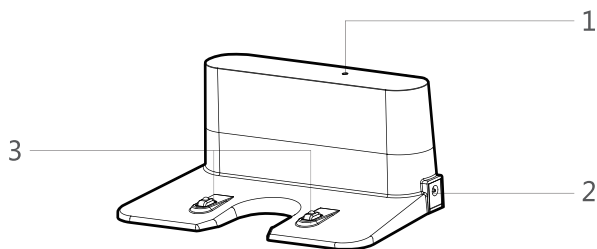
1. Clamshell    2. Dustbin



## Components of Dustbin

1. Pre-filter    2. Cover of dustbin    3. Dustbin    4. Pre-filter    5. High-efficient filter

# Product Components

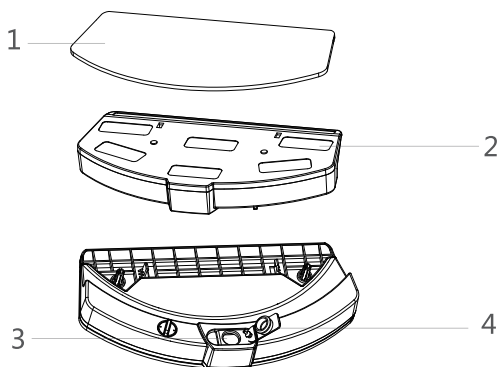


## Charging base

1. Charging indicator

2. DC power jack

3. Charging terminal



## Water Tank Component

1. Mop

2. Velcro

3. Water input hole

4. Tank sealing cap

# Product Components

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Diameter of the main body 330mm

## 3.2 Product Specification

### Structure

Diameter of the main body	320mm
Thickness of the main body	81mm
Net weigh of the main body	2.5kg

### Electronics

Voltage	10.8V
Battery capacity	2600mAh
Button type on main body	LED button

### Accessory

Dust bin capacity	450ml
Water tank capacity	180ml

### Operating parameter

Charging Type	Manual//Automatic
Operating Duration	Approx.100min
Charging duration	240min-300min

## 3.3 Product Characteristics

### Super suction

Suction power of this product is strong, even small dust will be thoroughly cleaned up.

### Intelligent cleaning adjustment

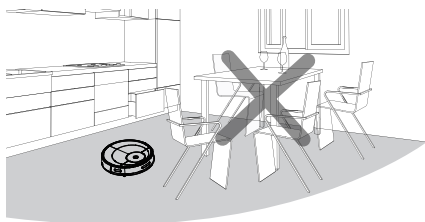
This product automatically adjusts the suction power according to different cleaning modes, which not only greatly improves the cleaning efficiency but also saves 30% power, suction level can also be adjusted through the remote control.

### Humanized design

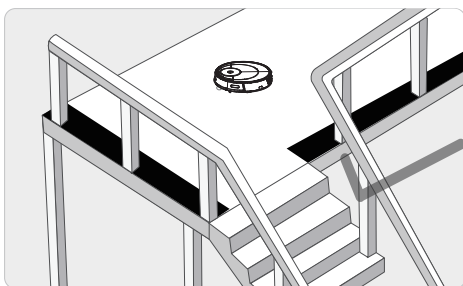
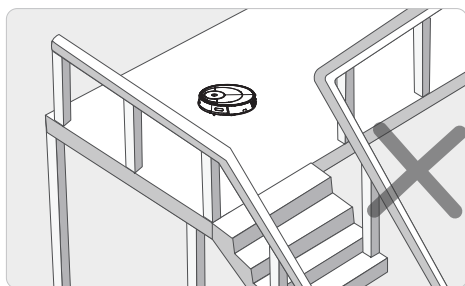
Simple operation and easy to use, just touch the button"  $\phi$  ", the robot will start cleaning.

# Instructions for Use

## 4.1 Attention



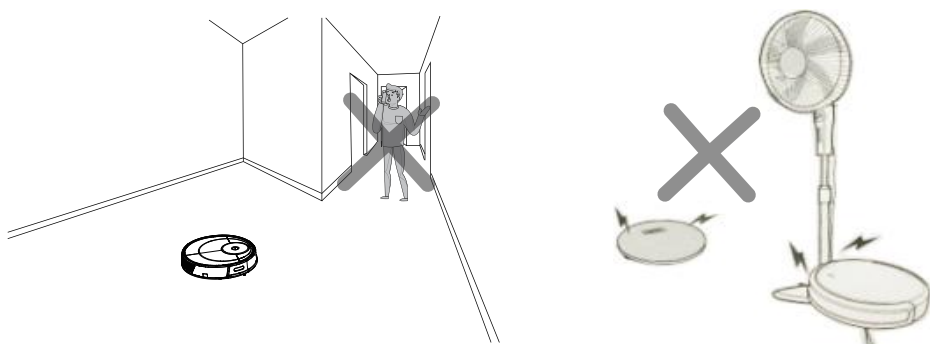
When it is working, please help to remove the unfriendly obstacles. Put the furniture and home appliances such as tables and chairs in the house neatly, the robot will clean up smoothly to give you a clean new home.



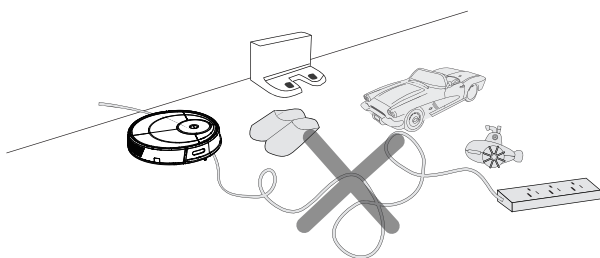
If the robot works at the stairway, the edge of the step, or the entrance to the narrow area among the furniture, etc, please place a fence to ensure it is safe and running smoothly.

## Instructions for Use

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Please do not stand in narrow places such as thresholds and aisles to avoid missing sweeping. When the robot is working, please ensure that the object with the thickness less than 1.8 cm is not placed in the cleaning area to prevent the machine from climbing and jamming.

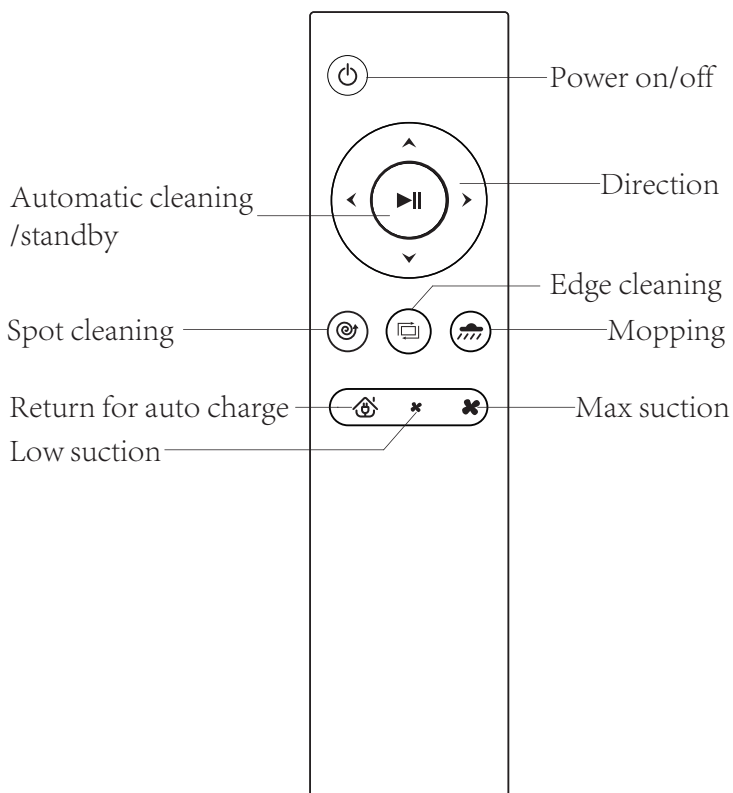


Please pay attention to remove sundries , such as the power cords, toys, etc, which are scattered on the ground may catch or entangle the Robot.



# Instructions for Use

## 4.2 Instruction for remote controller



In the area near the charging dock and virtual wall, the robot may not be able to recognize the commands issued by the remote control. If you will not use the remote control for a long time, please remove the batteries.

# Instructions for Use

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## **Return for Auto Charging**

Pressing this button to shift the mode to recharging

## **Forward**

Press this button to continue moving forwards, the robot will stop automatically when encountering obstacles

## **Back Button**

Press this button and robot will rotate 180 degrees

## **Left Arrow**

Press this button, the robot will turn left

## **Right Arrow**

Press this button, the robot will turn right

## **Automatic cleaning/standby**

During operation, press this button to stop the robot, and it still restart working at the pause

## **Suction Setting button**

During cleaning mode, press this button to adjust the suction power

## **Edge cleaning**

Press this button to enter the edge cleaning mode

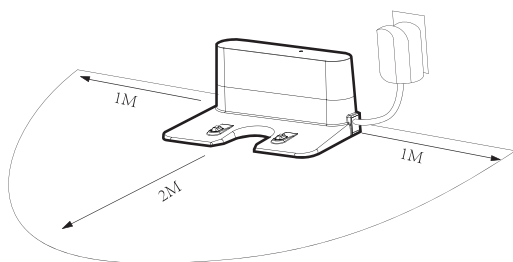
## **mop clean**

mop clean

# Instructions for Use

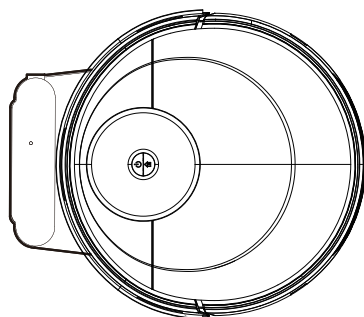
## 4.3 Operating Instructions



### Placement of the Charging Base



Place the charging base against the wall, leaving the safety distance left and right each 1 meter and front 2 meters. Warning: don't put it close to the mirror, avoid direct sunlight.

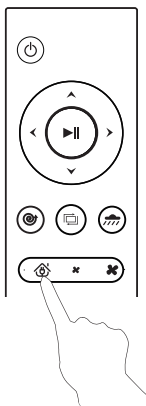
### Charging



Place the main unit in the charging stand to charge the machine, and pay attention to the charging pole piece  
key  flashing indicates charging, light  on or off means charging finished

# Instructions for Use

## Auto charge






Pls press button  , robot will start auto charging

When the cleaning is finished or the power is too low, the robot will automatically start looking for the charging stand to charge.

Please keep the charging stand powered on, otherwise, the machine will not be able to find the charging stand for charging

## Notes on charging


- A. When the battery is low,  light always on
- B. When the robot is charging, the light  flashes
- C. After fully charged,  light always on
- D. Please check the charging status of the robot after the power runs out
- E. When charging for the first time, please make sure the robot is charged for at least 12 hours
- F. If you do not use the robot for a long time, please turn off the machine
- G. Please place the machine on the charging base during daily use and make sure the charging base is connected to the power supply
- H. When the battery is low, the robot will find the charging base for charging. Please make sure that there are no obstacles around the charging base

# Instructions for Use

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## Switching Modes


### Standby mode

Power on , light always on, the robot just standby (purple light means wifi didn't connect to server . Blue light means connected)

### Dormant mode

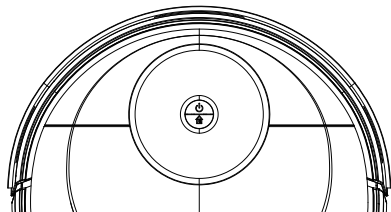
Power on, light   close, the robot just stand by

### Working mode


When the robot is working,  the light is always on and the robot enters the cleaning mode

### Operating procedures


Dormant mode—Standby mode—Working mode



### Boot up

Long press the power switch  for 3 seconds, it is in the on state, press the robot button or the function mode button on the remote control to start working

### Pause

The robot is in the cleaning state, press the main unit key  or remote control button to pause work, and then press this button to enter the random cleaning mode

### Dormant

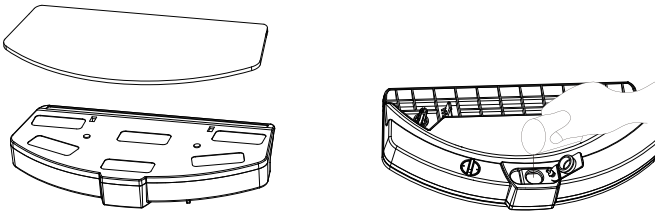
The robot is in a pause state, and the button indicator does not light up

If you don't operate the machine for a short time, it will enter the sleep state, press the remote control button to wake up the machine

# Instructions for Use

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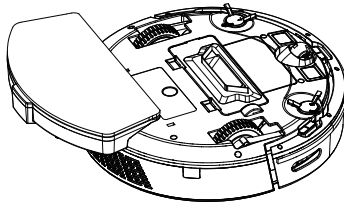
## Water tank Usage



When charging, please remove the water tank to avoid danger.

### Water Tank Assembly:

There is corresponding velcro under the tank, fix the absorbent mop to the bottom of the water tank according to the corresponding part, open the tank sealing cap, fill it with 1/2 or 2/3 clean water, and seal the lid of the water tank.



When charging, please remove the water tank to avoid danger.

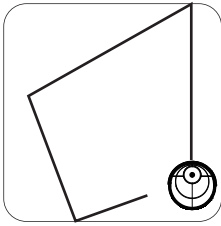
### Tank Installation :

Hang the water tank component on the bottom of the Main Body according to the direction like the picture. Fix the two columns of the water tank into the two holes of the Main Body so that the water tank component combine with Main Body tightly.

# Instructions for Use

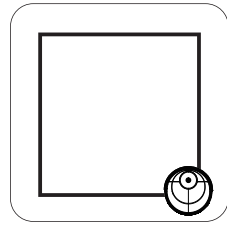
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## Cleaning mode



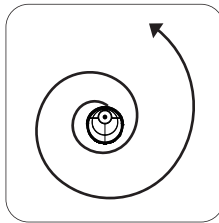
### Random cleaning

Robot runs 5 meters forward, then starts to turn, when encountering obstacles during operation, the robot will turn its direction



### Edge cleaning

Robot will sweep along the largest edge of the room



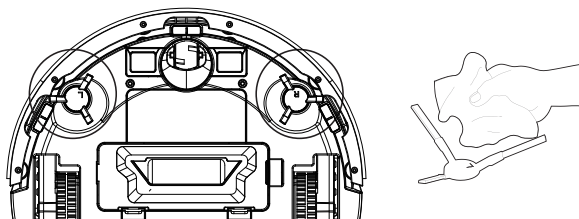
### Spot cleaning

The robot is centered on the starting point, counterclockwise direction for spot cleaning, when encountering obstacles, it will clean in the opposite direction.

# Product Maintenance

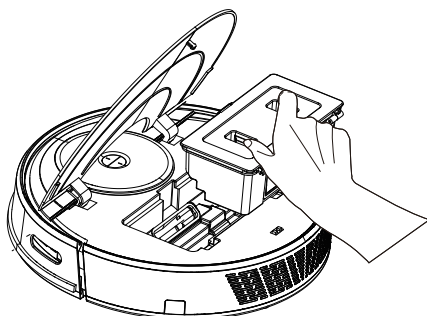
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## 5.1 Side brush cleaning and replacement



Check the side brush condition from time to time to see if it has been damaged or wrapped with foreign objects. Clean the side brush with a cleaning tool or a rag. When the side brush is damaged and cannot be used, please replace it in time, L and R side brush should be corresponding.

## 5.2 Dust box and filter cleaning

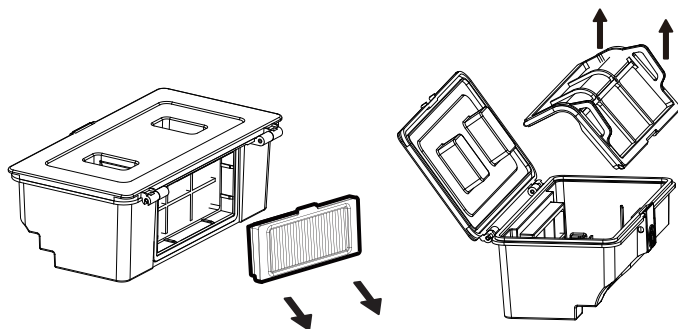


Open the upper cover and take out the dust bin. Please check whether there are foreign matters in the suction channel and then clean them up

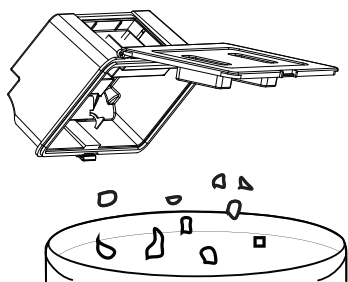


## Product Maintenance

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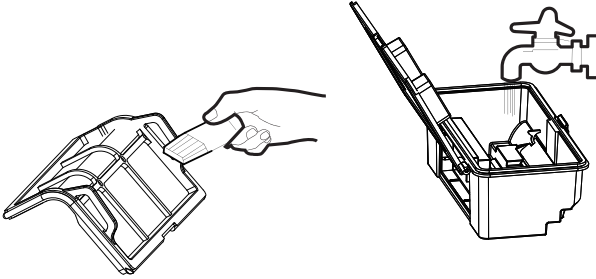
Take out the HEPA  
Open the dust box cover and take out the pre-filter.



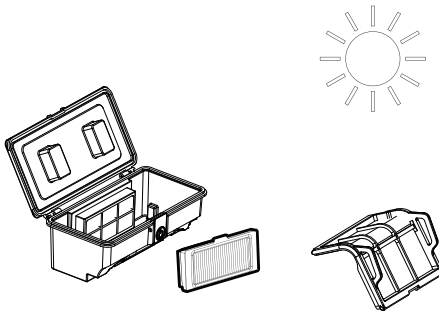
Take out the dust

# Product Maintenance

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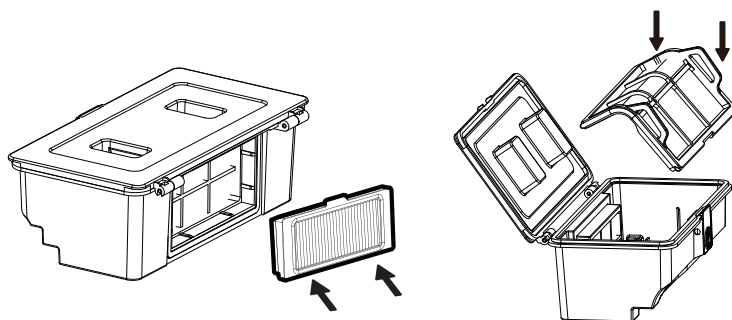


Clean the dust bin, HEPA filter, clean the filter after 15 days using Change to new HEPA / 3-4 Months



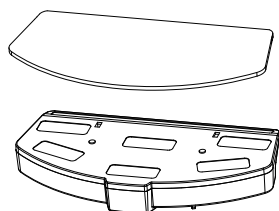
Air all components till they are dry completely.

## Product Maintenance



Assemble the pre-filter and high-efficient filter in the dust box

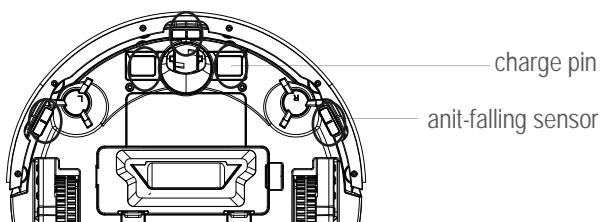
### 5.3 Cleaning of Water Tank and Mop



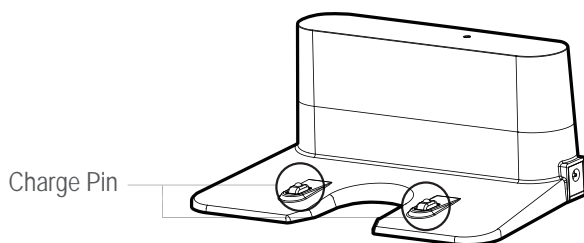
Remove the mop like the picture. Rinse it thoroughly and lay it out for airing.  
Please do not use the dripping mop directly, so as to avoid the product slipping and causing danger.  
Applicable Environment of Water Tank with Mop Component: Wooden floor, tile floor, marble floor and painted hard floor, etc.

# Product Maintenance

## 5.4 Maintenance of Other Components



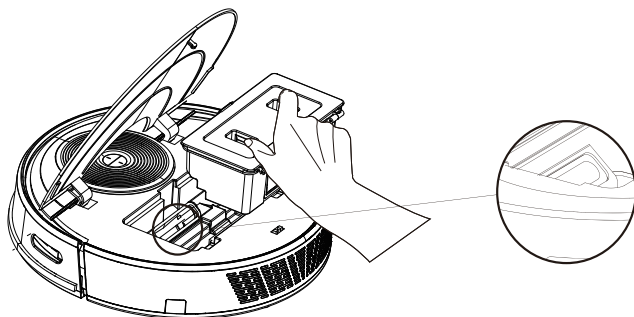
Clean the charge pin and anti-falling sensor , bumper frequently



Clean the charge pin by cleaning tooling

## Product Maintenance

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Clean the cleaner and suction channel through cleaning tooling

# Common Faults

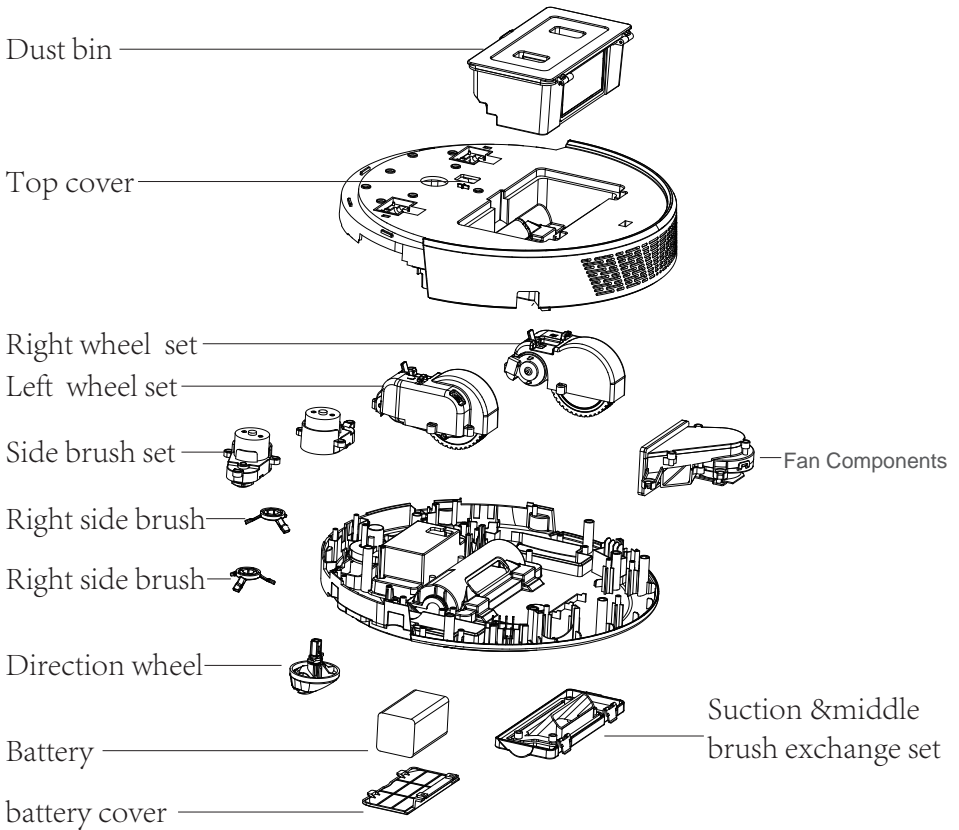
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## 6.1 Faults Description

Faults	Possible Reasons	Solutions
Can not charge	Charge pin didn't touch well of cleaner and charge station	Keep Charge pin touch well of cleaner and charge station
	The indicated light of charge station did not work , charge station didn't connect with power .	Check the adopter and charge stations, the plug connect well. The indicated light of charge station keep light
Cleaner can not work well	Cables or carpet hinder the wheel go forward	Pls help to clean the wheel
	Suction trouble	Clean the suction motor
	Wheel can not run well	Clean the wheel set
	Middle brush in trouble	Clean the middle brush
Back to charge station even didn't finish clean	Cleaner back to charge station since low power	Charge the cleaner
Controller cannot work (controller can control in the distance of 5m )	Low power	Charge the battery of controller
	Turn off Cleaner or Low power	Turn on Cleaner or charge
	Infrared sensor is hidied by dust	Clean the bumper
	There are another device disturb the infrared signal	Avoid the device disturb the infrared signal

# Common Faults

## 6.2 Replaceable Modules



### Application:

The product is suitable for cleaning house, hotel rooms, and small offices and provides good cleaning for various floors, such as wooden floor, hard floor, tile floor, and short-pile carpets (short-pile should be shorter than 1.5cm), etc.

# **Your Partners For a Cleaner Home**

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