# X380
Robotic Vacuum Cleaner

Instruction Manual

Dear Customer,

Thank you for purchasing the X380 robotic vacuum cleaner! You've joined the millions of people cleaning with robots-the smartest way to do it.

Before charging and using this product, please read this instruction manual carefully and familiarize yourself with your robot to achieve the best performance.

Download:
Search for "XXXXX" in the mobile app store or scan the QR code below to download the app.

Android
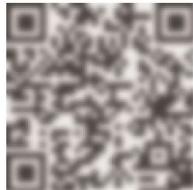
Ios

Configure network:
Open the app, select 'Add Device', and follow the operating instructions.
The robot enters the network distribution mode as follows:
Press and hold the "Auto" button for 6 seconds. A prompt sound is heard, and the robot enters the network distribution mode.

Table of Contents

1.Safety Instructions

⚠ Warnings

1. 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.

2. Act promptly if an error occurs during cleaning. Before using the robot, remove all power cords and small objects on the floor. Lift carpet fringes and ensure curtains and tablecloths are not in contact with the floor.

3. lf there are suspended steps or stairs, please check if the robot can detect them before use. lf not, install barriers to prevent falls and ensure the barriers do not cause harm to individuals.

4. Follow the instructions in this user manual. Use only factory-authorized or recommended accessories.

5. Ensure the charging dock voltage is compatible with the power supply voltage.

6. Use the robot indoors and in a household environment only. Do not use it outdoors or in commercial or industrial spaces.

7. Use only factory-authorized adapter and charging dock. Do not use non-rechargeable batteries. Refer to the "Product Specifications" section for battery standards details.

8. Do not immerse the robot in water or rinse it under the tap.

9. Do not clean the robot with a dripping wet cloth.

10.Do not use the robot on floors with stagnant water.

11.Do not use the robot near fire or fragile objects.

12.Keep cloth, human hair, fingers, or other body parts away from the robot's open or operating mechanism.

13.Do not use the robot on floors with stones or paper to avoid blockages.

14.Do not use the robot in areas with flammable substances such as gasoline,toner,etc., or to clean burning objects like cigarettes, ashes, or matches, or anything that could cause a fire.

15.Do not use damaged charging docks.

1.Safety Instructions

16.Do not lift the robot or charging dock by the power cord, and keep power cords away from heat and prevent them from getting caught around doors, edges,or corners.

17.Damaged power cords must be repaired by the manufacturer's repair service or certified technicians.

18.Properly install the dust bin and filters before using the robot.

19.Do not use the robot in rooms where babies sleep.

20.Do not use damaged power cords or charging docks to recharge the robot. Do not use the robot if it's damaged by a fall or if it's soaked in water.

21.Turn off the power switch if the robot will not be used for an extended period.

22.Turn off the power switch before cleaning or maintaining the robot.

23.Unplug the power cords from the charging dock before cleaning or maintaining he robot.

24.Remove the battery before discarding the robot.

25.The local regulations should be followed while discarding the robot and battery.

26.Do not dismantle the robot to avoid explosion.

27.Follow the instructions in this user manual.The manufacturer is not liable for damages caused by improper use.

28.The appliance is only to be used with the power supply unit provided with the appliance.

29.The adapter must be removed from the socket-outlet before cleaning or maintaining the appliance.

30.This appliance contains batteries that are only replaceable by skilled persons.

31.WARNING: For the purposes of recharging the battery, only use the detachable supply unit (model: K12V190060G) provided with this appliance.

1.Safety Instructions

| ⚠ Warnings |
|---|
| For battery used on remote control:
1. The battery for remote control belongs to dry battery.
2. Remove the battery: remove the battery lid of the remote control and then take out the battery. Insert the battery: insert the battery to the remote control and close the battery lid.
3. Non-rechargeable batteries are not to be recharged.
4. Different types of batteries or new and used batteries are not to be mixed.
5. Batteries are to be inserted with the correct polarity.
6. Exhausted batteries are to be removed from the appliance and safely disposed.
7. If the appliance is to be stored unused for a long period, the batteries are removed.
8. The supply terminals are not to be short-circuited. |

2.Product Composition

2.1 Accessories List
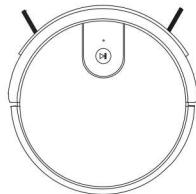
Main body   Charging base   Adapter
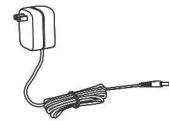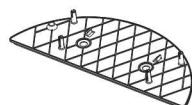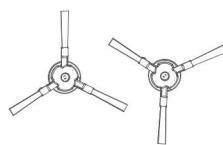
Mop support   Side brushes   Instruction
with mop   manual
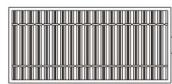
Hepa filter   Remote control   Cleaning brush
        & battery
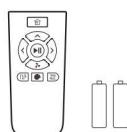
2.Product Composition

2.2 Product Specifications

Main Body			
Size of the robot	315x315x79mm	Weight	2.25kg
Operating voltage（V）	14.4	Rated power（W）	40
Battery specification	2550mAh		
Charging Base			
Model of adapter	K12V190060G		
Input：100-240V~50/60Hz 0.35A		Output：19V ⎓0.6A	

ERP Information for AC Adapter

| AC adapter Manufacture's name or trade mark, commerical registration number and addaress	Dongguan Gunnjin Electronics Technolegy Co., Ltd// Address: Block 16 Qiantou New Industrial Park,Niushan,Dongcheng District,523128 Dongguan City,Guangdong
AC adapter model	K12V190060G
Input voltage	100-240V
Input frequency	50/60Hz
Output voltage	19.0V
Output current	0.6A
Output power	11.4W
Average active efficiency	≥83.8%
Efficiency at low load (10%)	≥82.8%
No-load power consumption	≤0.1W

2.Product Composition

2.3 Robot Anatomy

Bumper

Auto button

Charging pins
Nose wheel
Side brushes

Battery lid

Cliff sensors

Side wheels

Suction port

2-in-1 dustbin
and water tank

Dustbin release
button

2-in-1 dustbin
and water tank
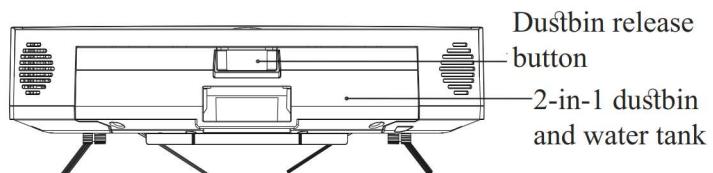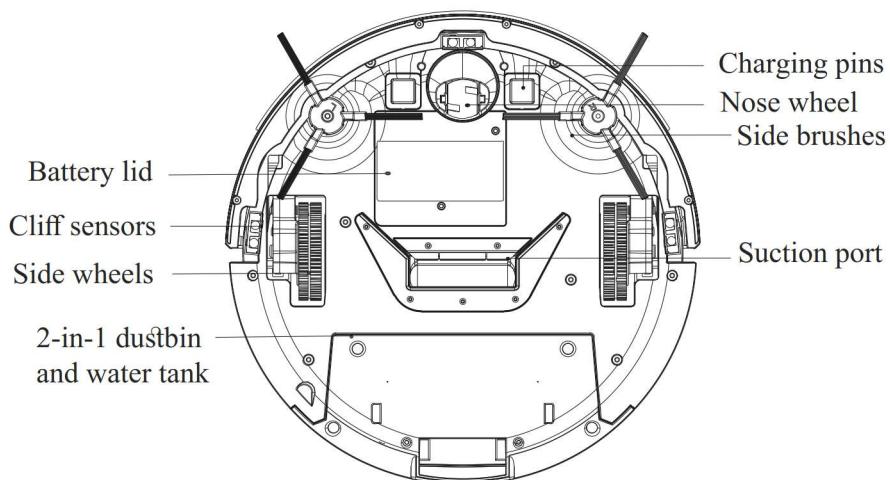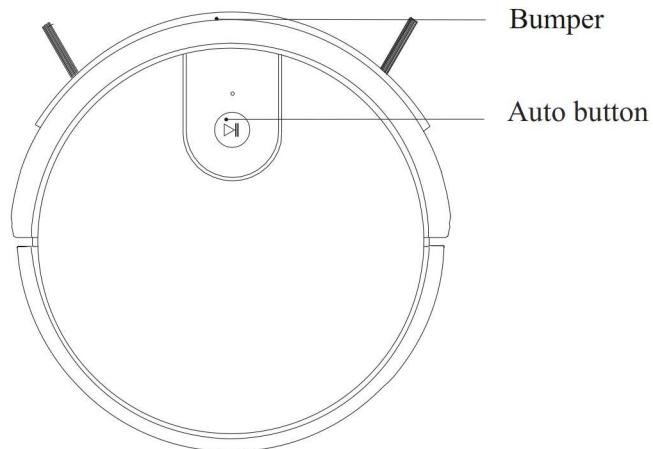
2.Product Composition

2.3 Robot Anatomy

Button	Robot status	Operation	Functional description
Auto button	Power off	Press and hlod for 2 seconds	Turn on the robot
	Power on	Press the button once	Start/Stop cleaning
		Press and hold for 3 seconds	Turn off the robot
Power indicator	Green	Electricity≥15%	
	Orange	Electricity≤15%	
	Red	Failure or abnormality	

Remote control

1. ——————
2. ——————
3. ——————
4. ——————
5. ——————
6. ——————
7. ——————

1.Home button
2.Direction button
3.Start/Stop cleaning button
4.Max button
5.Random button
6.Spot cleaning button
7.Edge cleaning button
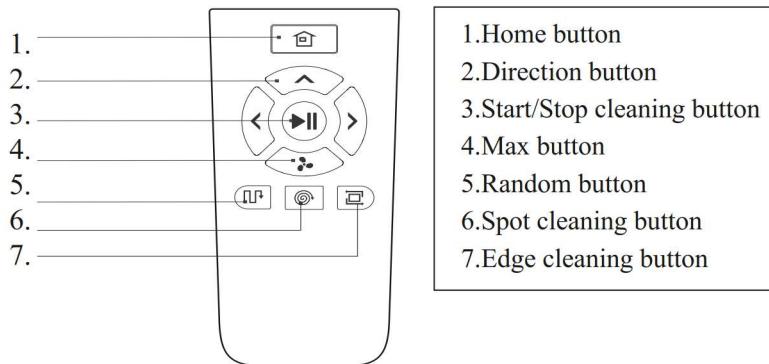
2.Product Composition
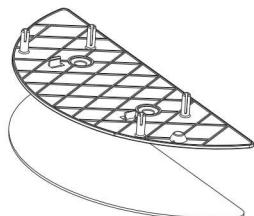
Mop holder with mop   2-in-1 dustbin and water tank
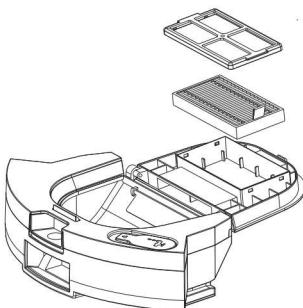
*Note: When the water tank is filled with water, the robot's ability to overcome obstacles and climb hills may be affected.

Charging Base

Signal light

Adapter

Charging pins

Power supply socket
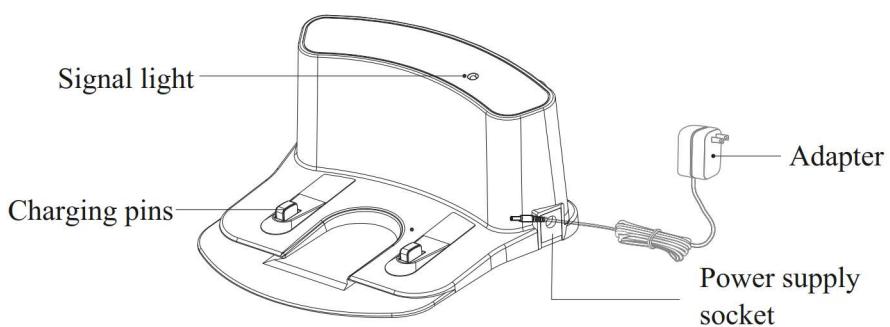
3.Product Usage

3.1 Operation of Remote Control

❶ Start/Stop cleaning button ▶‖

- Press the button to switch the robot from sleep mode to standby mode.
- Press the button to start cleaning while the robot is in standby mode.
- Press the button to stop the robot while the robot is working.

❷ Direction button

A. ″ ⌃ ″   Forward button

Press the button to move the robot forward in standby mode.

B. ″ ⁂ ″   Max button

Press the button to switch suction in working mode, and press this button to switch water flow in mopping mode.

C. ″ ❮ ″   Left button

Press the button to trun the robot to the left.

D. ″ ❯ ″   Right button

Press the button to turn the robot to the right.

> ＊Note ： ″ ⌃ ″ The forward button cannot be used while the robot is working.

❸ Spot cleaning button ◎

Press the button to start spot cleaning.

❹ Home button 🏠

The robot will return to charging base automatically after pressing the button.

❺ Max button ⁂

During the cleaning process, if there is a lot of dust, press this button to increase the suction power of the robot. Press it again to switch to the max suction power, press it again to switch to the mute mode suction, and press it again to switch back to auto mode suction .

❻ Edge cleaning button ▣

Press this button to make robot clean along the wall.

3.Product Usage

3.2 Quick Operation

1 Charging preparation
- Connect the adapter to the charging base.
- Placement of the charging base:
  place it against the wall horizontally. There should be no objects on the left and right sides within a one-meter radius and none in front within a two-meter radius. Also, there should be no reflective objects such as a mirror around the dock.
- Plug in the power.
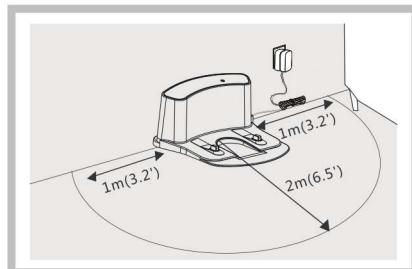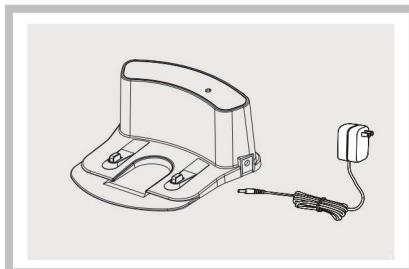
> *** Reminder:**
> When the charging base is connected to the adapter, the signal light of the charging base will light up.

2 Turn on the robot
- Press the AUTO button for 2 seconds to turn on, and hold it for 3 seconds to turn off.

Note:
* After the robot finishes its work, please do not turn it off, and fully recharge it for the next run.

* lf the robot pauses working for more than ten minutes, it will enter sleeping mode. lf you need to wake up the robot again, you need to press the AUTO button once.
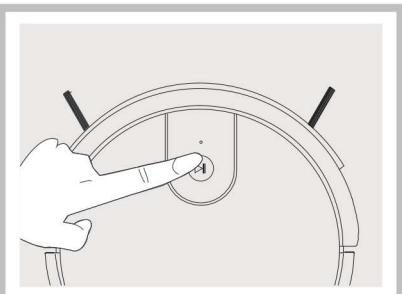
3.Product Usage

3.2 Quick Operation

3 Charging of the robot

- Please place the robot on the charging base.
- If the AUTO button blinks orange, the robot is charging. The button will turn green when fully charged. Then, the light goes off, and the device enters standby mode.
- Charge for 6 hours for the first time.
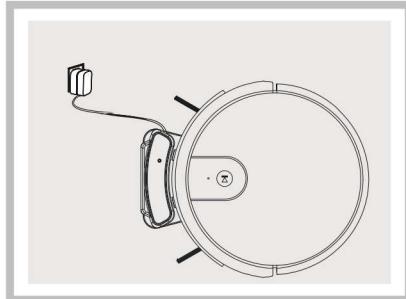
∗ Reminder:

1. Please keep the charging pins clean in daily use to ensure a good connection.
2. Please leave the robot on the charging base for daily use and make sure that the charging dock is connected to the power. (The robot will be turned on while charging.)
3. If you won't use the robot for a long time, please fully charge it, turn off the power and keep it in a well-ventilated dry place.

3.Product Usage

3.2 Quick Operation

4 Start cleaning

- After waking up the robot, you can press the AUTO button once, and the robot will start the automatic cleaning.
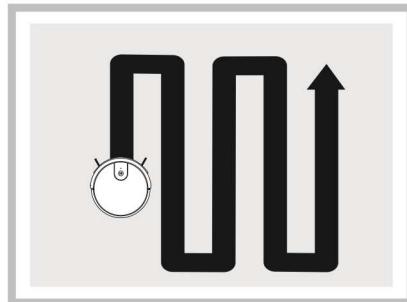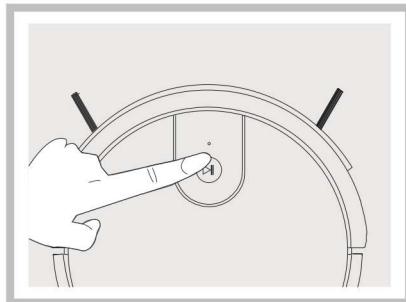
*Before starting cleaning, you need to make sure the indicator light is flashing and the robot is in a wake-up state. lf the robot is sleeping, please press the AUTO button once to wake up the robot.

*If you want to choose other modes, please operate on the APP.

*The robot performs path planning autonomously during the working process. lf it is manually moved or operated by the APP (except pause), the robot will re-plan the path and may re-clean the cleaned area. To ensure the working efficiency of the robot, please do not move the robot. (lf the robot is lifted, it will alarm and stop cleaning, and you need to press the AUTO button or operate the APP to restart cleaning.)

3.Product Usage

3.2 Quick Operation

5 Pause
- While the robot is running, you can
  pause the robot by pressing the robot's
 AUTO button or the "pause" button in
  the APP.
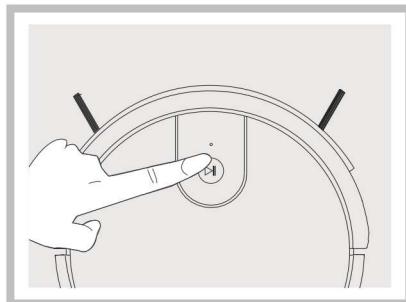
∗ Reminder:
  1.The robot will automatically enter the Sleep Mode if no action is
    taken for 10 minutes. lf you want to start the robot again, please
    press the AUTO button once to wake up the robot.
  2.The robot will work out a new cleaning path, and will clean the areas
    again which have been cleaned before.

---

6 Sleep mode
- The robot will automatically enter
  sleep mode if there is no action for 10
  minutes.
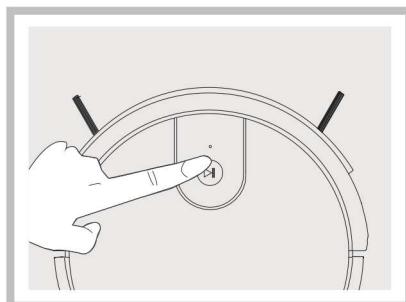
3.Product Usage

3.3 Selection of Cleaning Modes

- This product can set a variety of cleaning modes via the app to adapt to different floor conditions and achieve deep cleaning.

1 Automatic recharge
- The robot can detect low battery during the cleaning process and automatically activate the automatic recharge mode to search for the charging base.
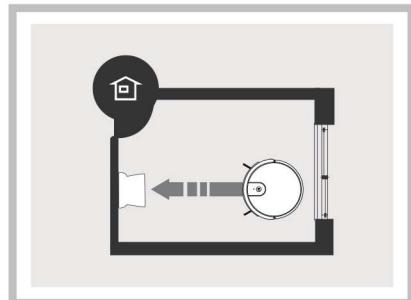
2 Spot cleaning mode
- This mode is suitable for floor environments where debris is more concentrated. In this mode. the robot can perform concentrated cleaning in a designated area in "spiral" form.
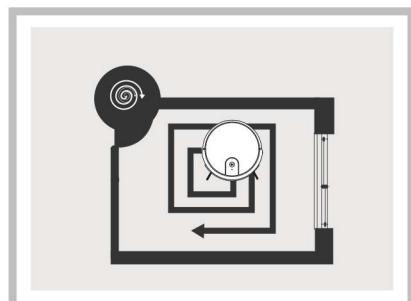
3 Edge cleaning mode
- This mode is primarily for cleaning interior corners. In this mode, the robot can clean along the edge of fixed objects (such as walls).
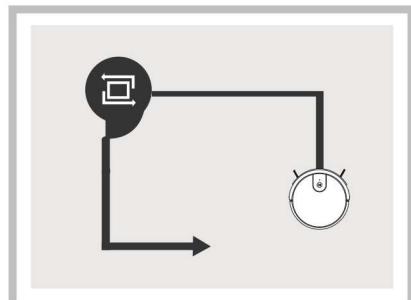
3.Product Usage

3.4 Operation of the Water Tank

▪ The water tank with a mop is installed in the device.Please add water to the tank before cleaning. It is recommended to vacuum the floor before mopping. For daily maintenance, please refer to the tips in the corresponding chapter of this manual.

> * Note:
>   1.Please do not use water tank components on the carpet.
>   2.Please pay attention during the mopping mode, timely add water or clean the mopping pad. The water tank needs to be removed when adding water.
>   3.Be sure to remove the water tank components when charging.

1 Remove water tank components
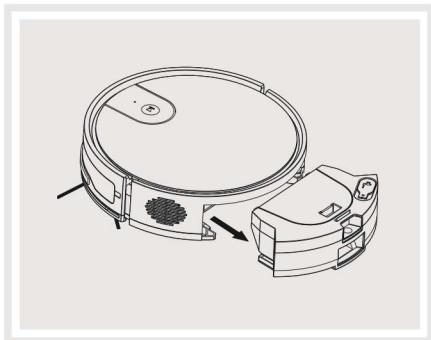
Slide backward to remove the water tank components.

2 Add water
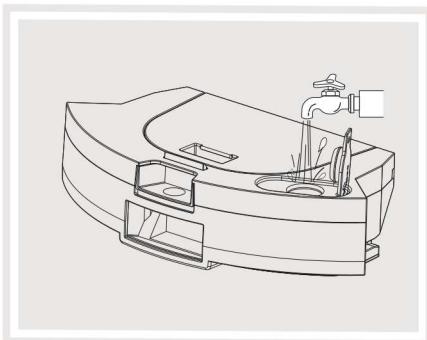
Open the water injection cap and fill it with water. Close the cap tightly once water injection is completed.

3 Attach the mop support with mop
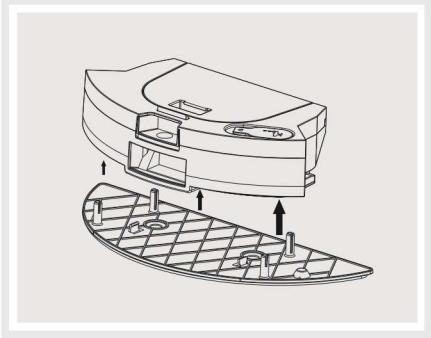
Attach the mop support with mop to the water tank.

4 Install water tank components
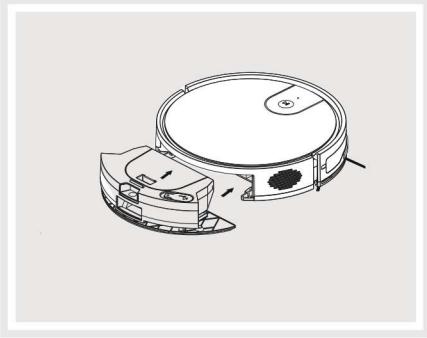
Slide it forward, align it with the clip and when you hear a "click" sound, it is installed in place, then you can press the Auto button to automatically execute the corresponding mopping mode.

4.Maintenance

4.1 Cleaning the Dustbin and Filters

- Please turn off the robot before cleaning the detachable parts, and remember to cut off the power.
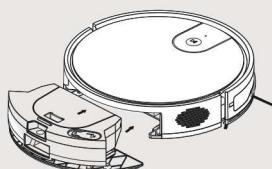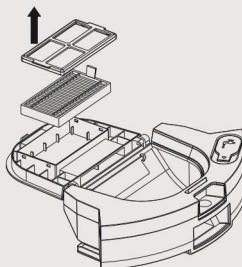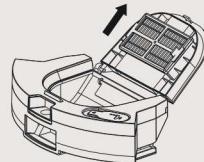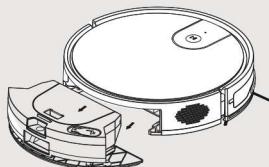
- 1.
  Take out the dustbin and high-performance filter and press the dustbin button to release all the dust, then wipe the dustbin clean.
  2.
  Remove the high-performance filter. Gently tap to empty the debris it contains.

4.Maintenance

4.2 Cleaning Water Tank Components

- Clean the mop cloth

 Removal: after cleaning, please remove the mop support and mop.
  Maintenance: rinse and air dry the mop cloth.
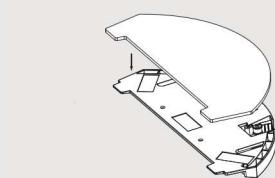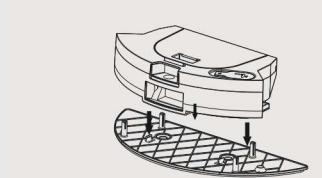
- Clean the water tank

  Removal: after cleaning, remove the mop cloth and components and empty the remaining water in the water tank.

  Maintenance:
  hand dry the water tank and then let it air dry.
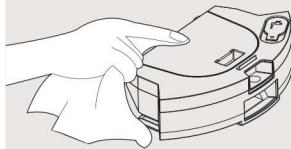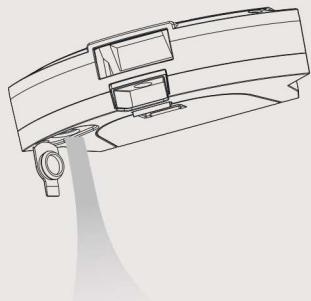
4.Maintenance

4.3 Cleaning the Side Brushes

- Turn off the robot. Remove the side brushes. Clean them with a clean cloth. When replacing the side brush, please distinguish the corresponding installation position of the "L" and "R" side brush.
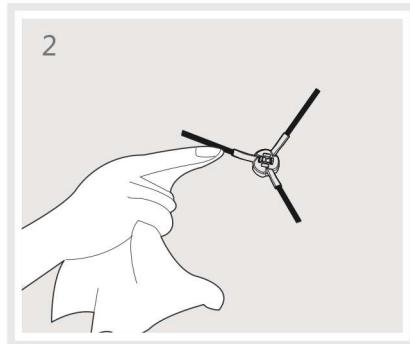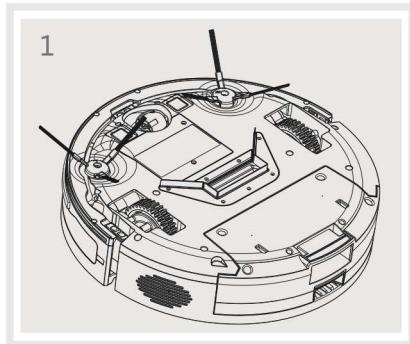

4.4 Checking the Side Wheels

- When a buzzer sounds, turn off the power, then clear any object blocking the side wheels.
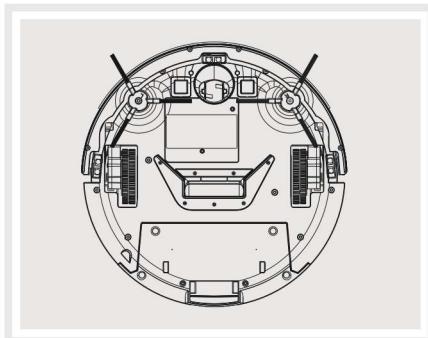
4.Maintenance

4.5 Checking other Parts
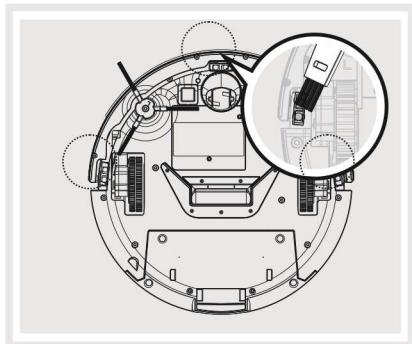
Please turn off the robot first and clean the cliff sensors by using the cleaning brush.
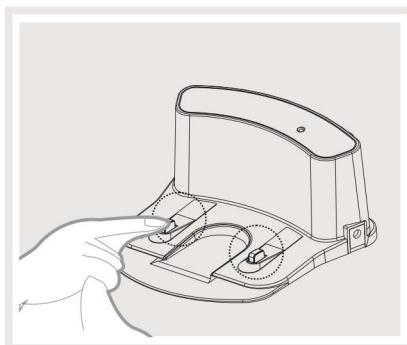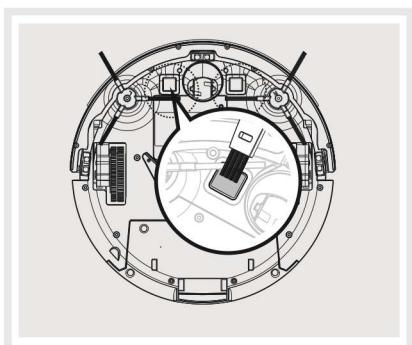
Regularly clean the charging pins on the robot and the charging base with a dry cloth.

* When the battery is in a deep discharge state or not used for a long time, its capacity will be reduced. In this case, we suggest you activate it again. Charge the robot on the charging base for 3 minutes, and repeat this process 3 times, then fully recharge the robot for 5 to 6 hours.
* The robot uses long-life cyclic batteries. lt is not necessary to replace them frequently.

5.Attentions

- The robot may skip certain areas due to the complexity of the home environment. For best results, we suggest using it as a daily routine and clearing obstacles on the floor before starting the robot.
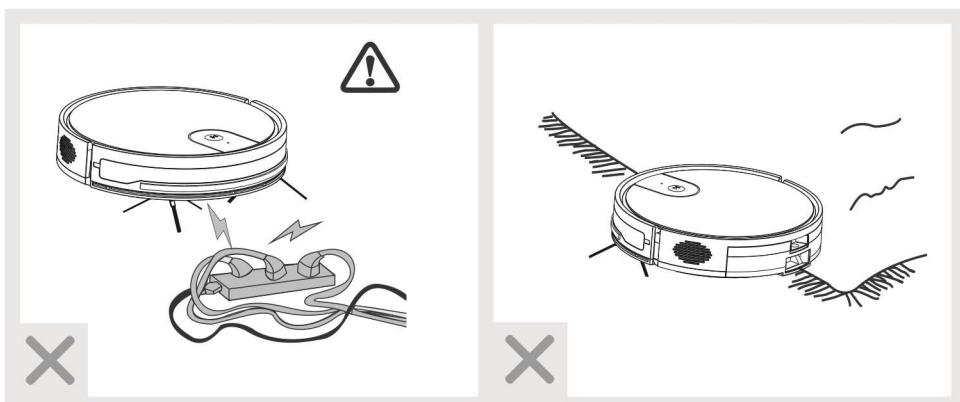
Please keep power cords and other objects that may entangle the robot away before cleaning.

Please fold the edges of carpets before cleaning.
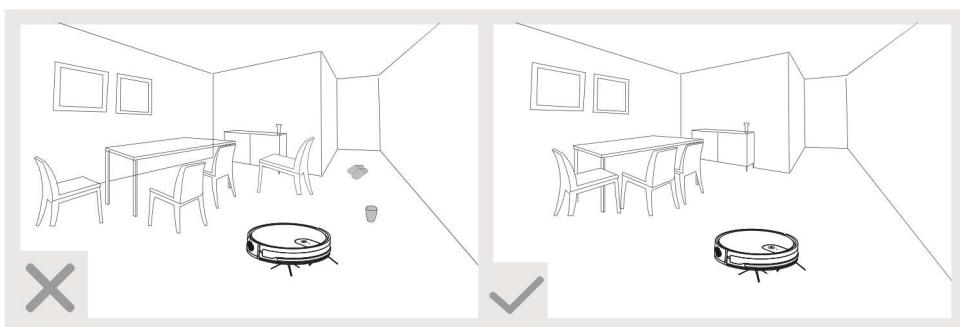
To avoid blockages during cleaning, please tidy up furniture carefully.

5.Attentions

Please do not stand in narrow places like the doorway or hallway to avoid blocking the robot and skipping certain areas.

Please do not stand downstairs while the robot is working upstairs to avoid injury from fallen objects.

6.Troubleshooting

Error Codes

▪ The robot will remind you of malfunctions by emitting beeps.

NO	Tone	Cause Possible	What to do
01	●	Wheels,side bruhes or fan problem.	Check and clean the weels, side brushes,and fans.
02	● ●	OBS or bumper sensor or cliff senor failure.	Check the bumper and OBS, and clean the cliff sensor.
03	● ● ●	The robot is stuck.	Move the robot.
04	● ● ● ●	Gyroscope failure.	Move the robot.

* Note:
   If the above solutions do not solve the problem, please try the following.
   1.Press the AUTO button and hold it for 3 seconds to turn off the robot,
      then press the AUTO button and hold it for 2 seconds to turn on the robot.
   2.If restarting the robot still does not solve the problem, please send the
      robot to the after-sales repair center for repair.

7.FCC Information

1.MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

2.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.

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