



roborock S7C-W, S7C-B Laser Navigation Intelligent Robot Vacuum Cleaner User Manual

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roborock S7C-W, S7C-B Laser Navigation Intelligent Robot Vacuum Cleaner



Safety Regulations

Please be vigilant and follow the following matters when using the product. Please read this manual carefully and keep it properly before using the product.

Notice

1. The problems that may occur during the cleaning should be eliminated in advance. Take away the power cord and small objects on the ground to prevent the product from being blocked during the cleaning process. Fold the fringe of the carpet under the carpet, and make sure that the hanging curtains, tablecloths and so on do not touch the ground.
2. If there is a suspended environment such as stairs, please test the product first to see if it can detect the edge of the suspended area without falling. A protective fence should be set at the edge of the suspended area to prevent the product from falling. It should be ensured that the protective fence will not cause personal injury such as tripping.
3. Please use the product in accordance with the instructions in the manual. Only use accessories recommended or sold by the manufacturer.
4. Make sure that the power supply voltage matches the voltage marked on the charging stand.
5. Before using the product, make sure that the dust box and filter material have been installed in place.
6. If the power cord is damaged, in order to avoid danger, it must be replaced by the manufacturer or its

maintenance department or similar professionals.

7. Please turn off the product switch before cleaning and maintaining the product.
8. The plug must be unplugged from the power socket before cleaning and maintaining the product.
9. Before disposing of the product, please remove the product from the charging stand, turn off the power switch of the product, and take it out.
10. If you do not use the product for a long time, please power off the product.
11. Before disposing of the product, the battery of the product must be removed and discarded in accordance with local laws and regulations.
12. Please follow local laws and regulations to dispose of old batteries.
13. The product cannot be used by children under 8 years of age or people with mental disabilities. If need, please do it under the supervision and guidance of a guardian. Please do not let children ride on the product or play with the product as a toy.
14. Use only in indoor home environments. Do not use in outdoor, commercial and industrial places.
15. Do not use the product in the room where infants and young children sleep.
16. Do not use the product with a damaged power cord or power socket. Do not use the product when it cannot work normally due to falling, damage, outdoor use or water ingress. To avoid injury, the product should be repaired by the manufacturer or its after-sales service staff.
17. Please use the product in accordance with the instructions in the manual. The company is not responsible for any loss and damage caused by improper use.

Warn

1. Only applicable to the original charging stand specially equipped by the manufacturer. It is forbidden for users to replace the battery without authorization. If the battery is suspected to be damaged, please contact the manufacturer, authorized dealer or a professional in similar departments to replace it.
2. It is forbidden to use the product in an environment with open flames or fragile objects.
3. It is forbidden to use the product in an extremely hot (above 40°C) or extremely cold (below 0°C) environment.
4. It is forbidden for the hair, clothes, fingers and other parts of the human body to be close to the opening and operating parts of the product.
5. It is forbidden to use the product on wet or water-filled ground.
6. It is forbidden for the product to absorb anything that may block the product, such as stones, waste paper, and etc.
7. It is forbidden for the product to absorb any flammable materials, such as gasoline, toner and toner for printers or copies. It is forbidden to use the product in clean areas with flammable materials.
8. It is forbidden for the product to absorb any burning items, such as cigarettes, matches, ashes and other items that may cause a fire.
9. It is forbidden to place objects in the mouthpiece. Do not use the product when the suction port is blocked. Clean the dust, lint, hair, and etc at the suction port to ensure smooth air circulation at the suction port.
10. Use the power cord carefully to avoid damage. It is forbidden to use the power cord to drag or lift the product, product rechargeable batteries, and electric sockets. It is forbidden to use the power cord as a handle, to clamp the power cord in the door gap, and to pull the power cord at sharp corners. It is forbidden to operate the product on the power cord, and the power cord should be kept away from heat sources.
11. It is forbidden to use damaged charge stand. If the charge stand is damaged, it must be repaired or replaced

- by professionals from the manufacturer, authorized dealer or similar department in order to avoid danger.
12. It is forbidden to incinerate the product even when the product has been severely damaged. The battery of the product may explode as a result.

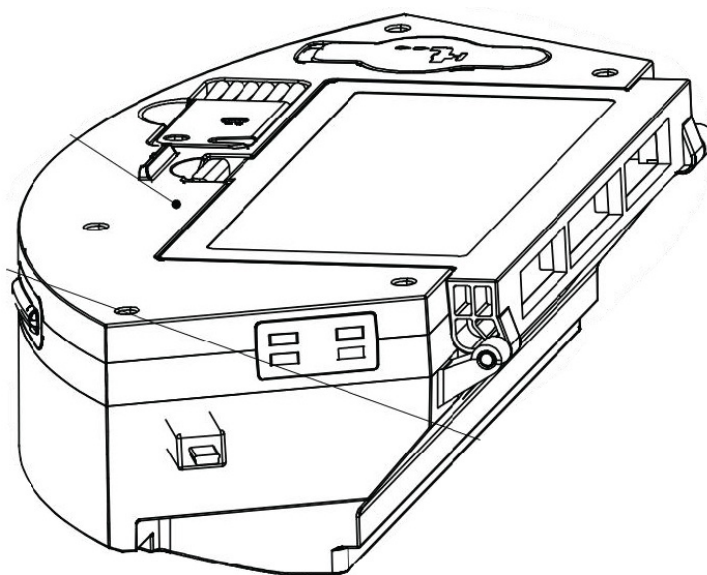
Product Components

Packing list

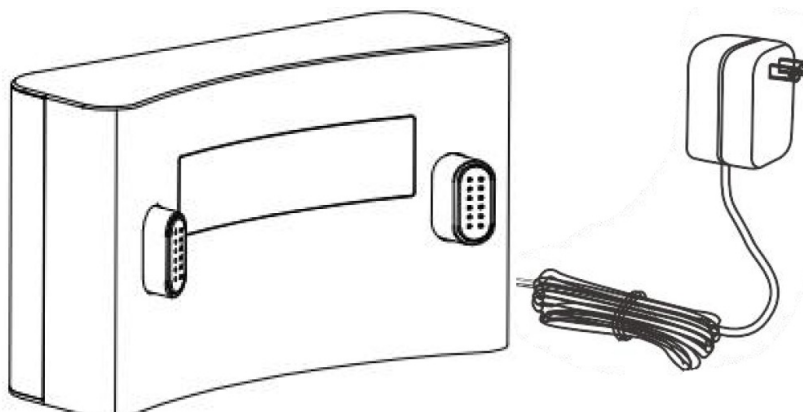
- Main Engine



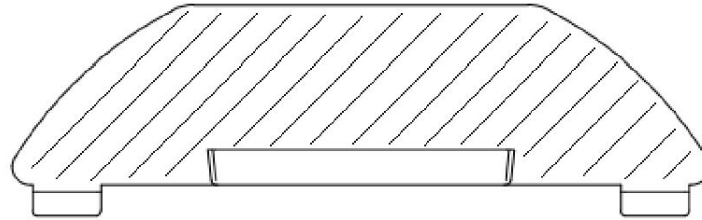
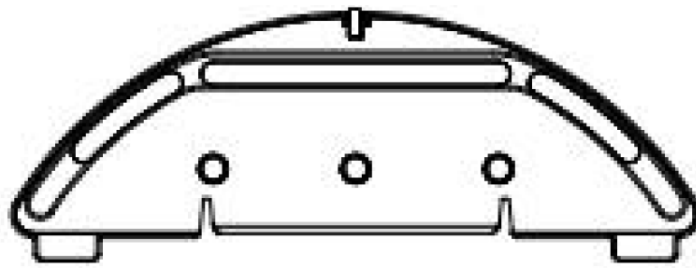
- Dust Box + Water Tank



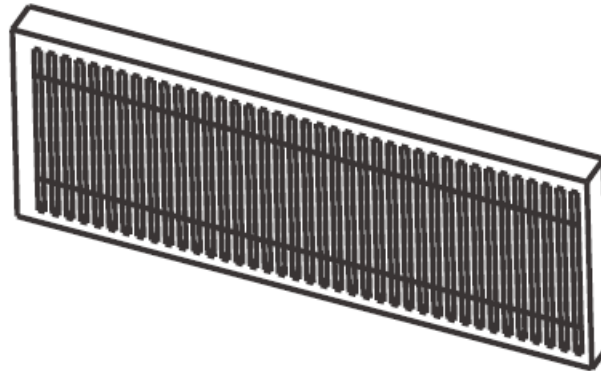
- Charge Station and adapter



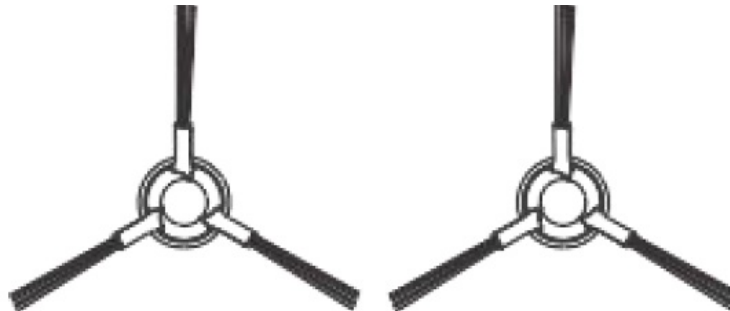
- Mop Holder & Mop



- High-efficiency Filter Components(HEPA)



- Side Brush



- Manual



Model Name: S7C-W, S7C-B

Laser Navigation Intelligent Robot Vacuum Cleaner

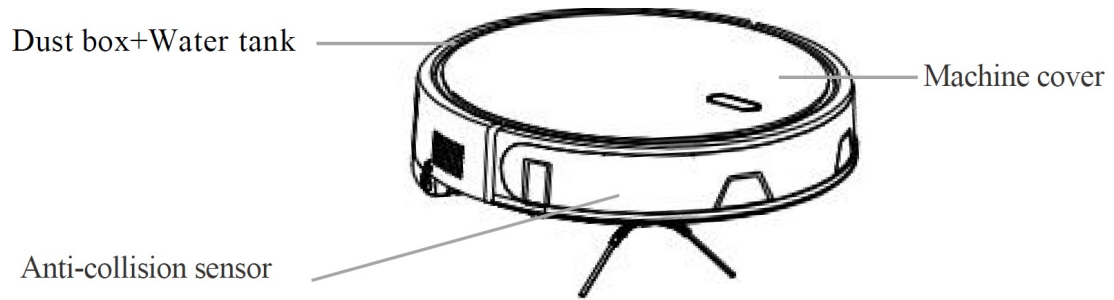
User Manual

Please read this instruction carefully before using the product and keep it properly.

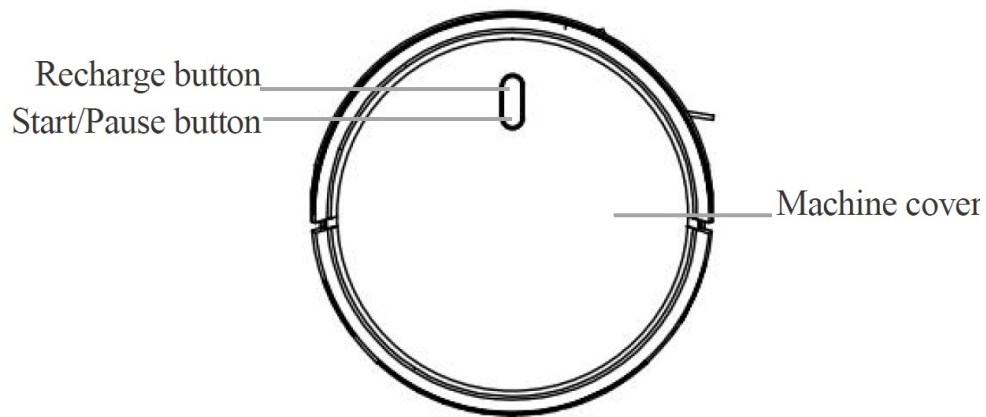
The illustrations in this manual are for reference only, and the actual appearance is subject to the actual product.

Part name

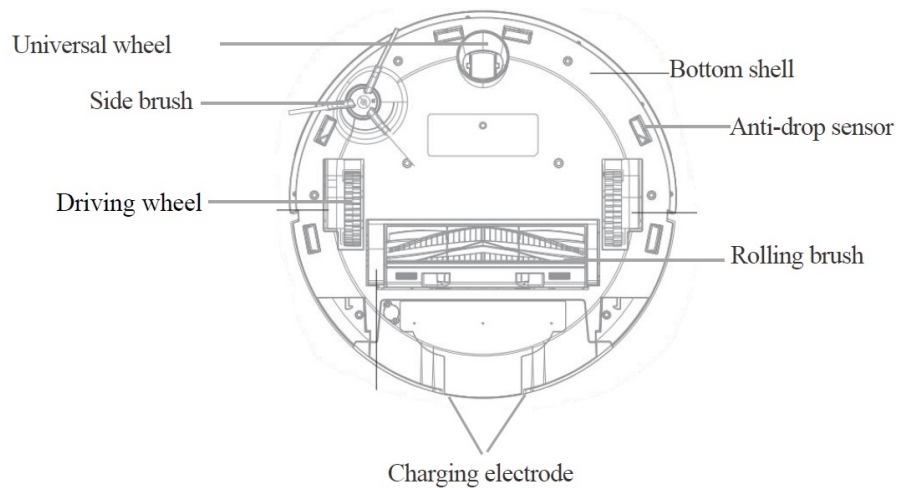
- Side View



- Front View

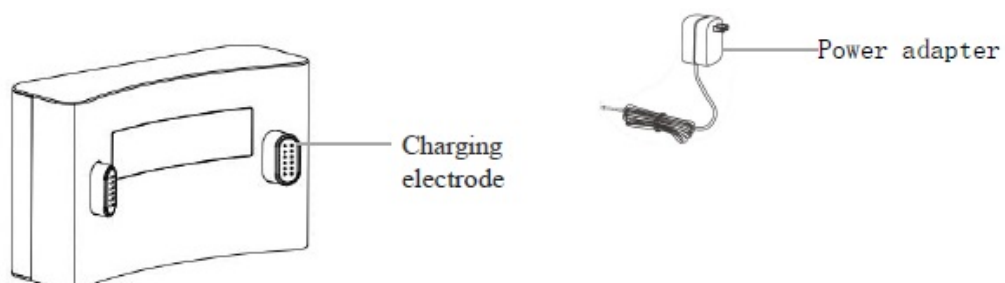


- Back View

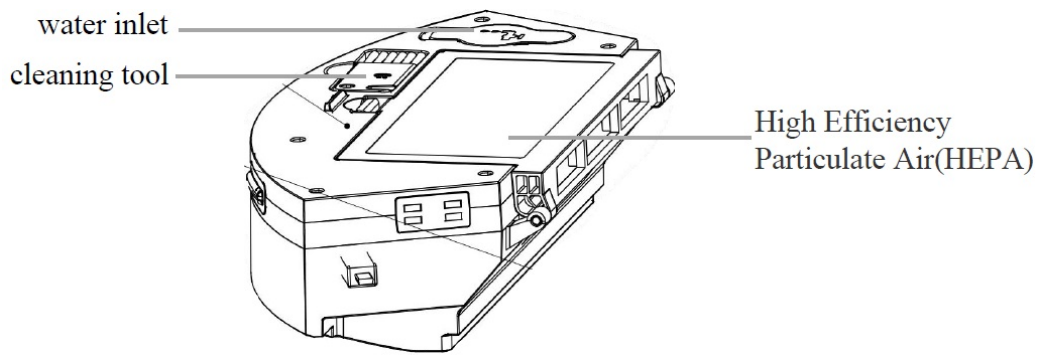


Charge station/dust box+water tank

- Charge station



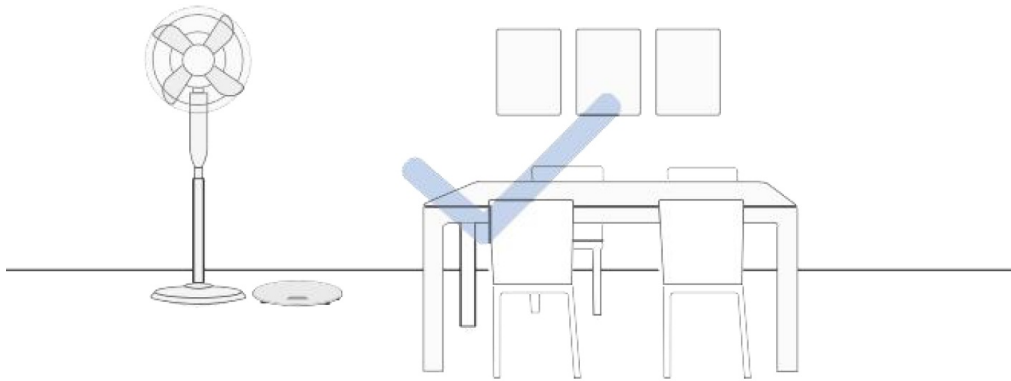
- Dust box+water tank



Product instruction

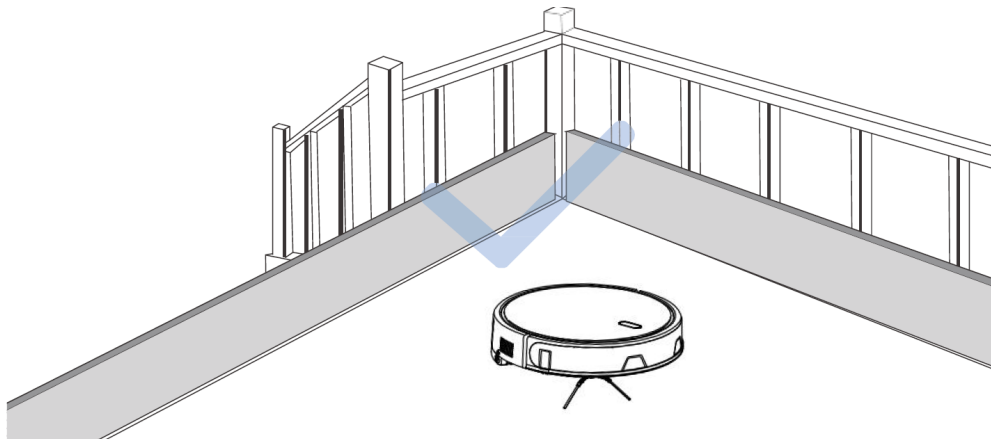
Matters need attention

1. Tidy up the space to be cleaned and chairs, floor fans and other items neatly, and store low objects such as weight scales to organize the largest cleaning space



2. Prevent the sweeper from falling

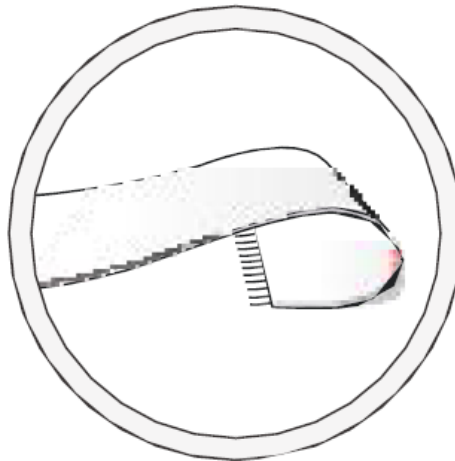
If the sweeper sweeps in the compound stairway, the edge of the steps and other places, please place the guardrail to ensure its safety and smooth operation.



- Clean objects on the floor, such as wires, cleaning pads, slippers and other sundries, to avoid affecting the operation of the robot.



- If the carpet in your home has fringed edges, please tuck the edges under the carpet in advance, and do not use the mopping function on the carpet.



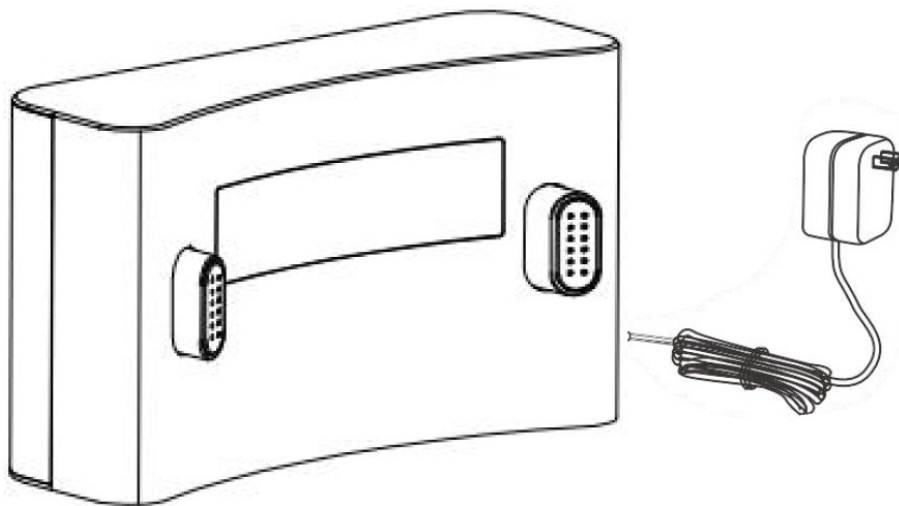
- Please do not stand in a narrow space (such as a corridor), and make sure not to block the robot.



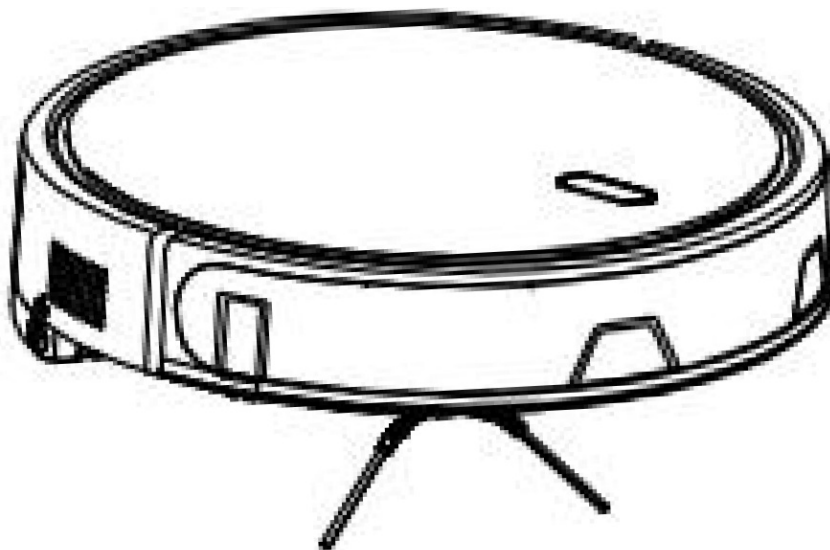
Preparatory work

1. Remove the protective film

Before use, please remove the protective film on the charge station and the main machine.

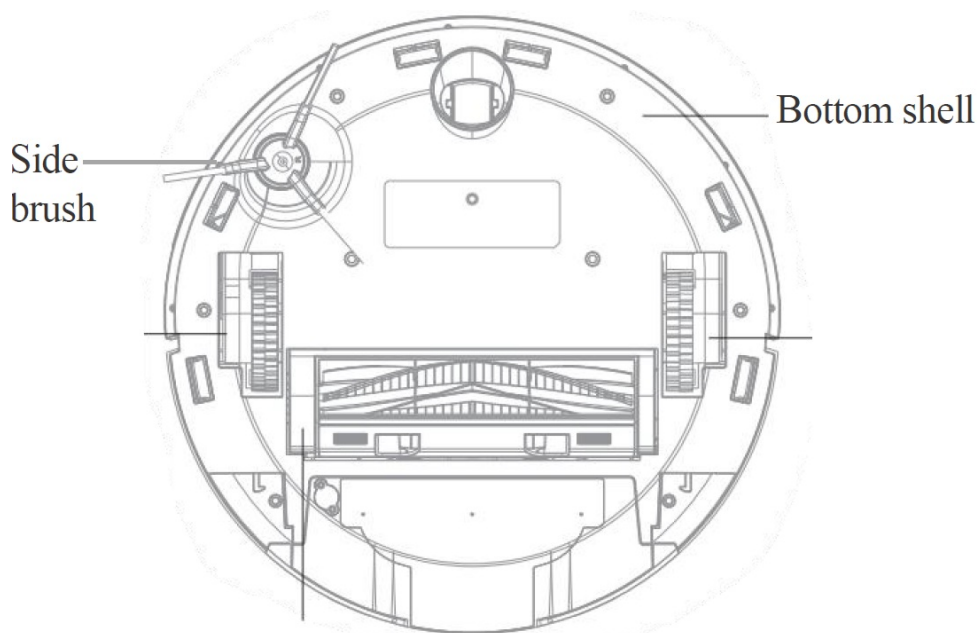


2. Remove the protective film from the main machine.



3. Install the side brush

Please install the side brush into the installation opening at the bottom of the machine, and you will hear a “click”, indicating that the installation is in place.

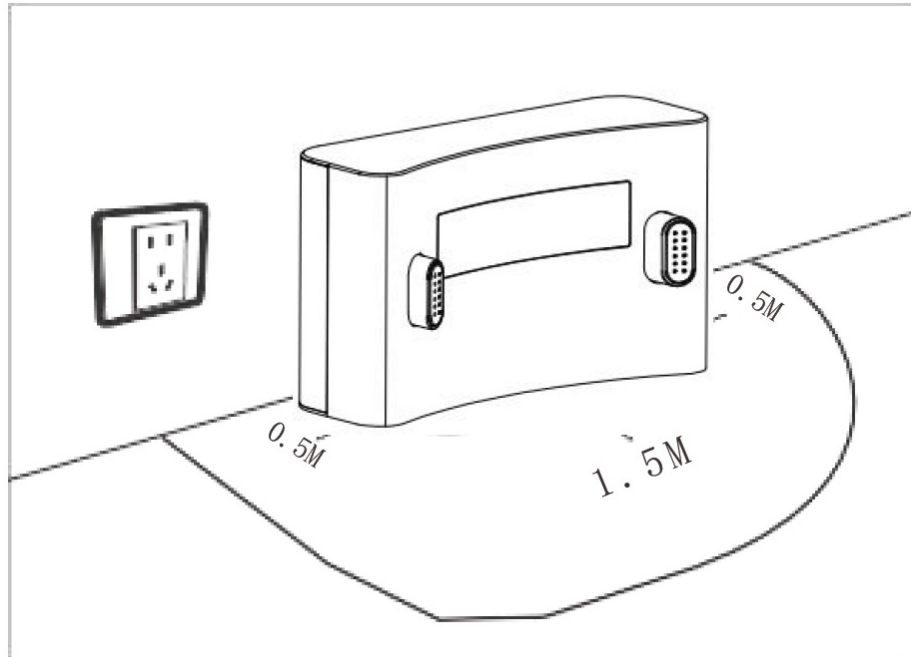


The main machine charge

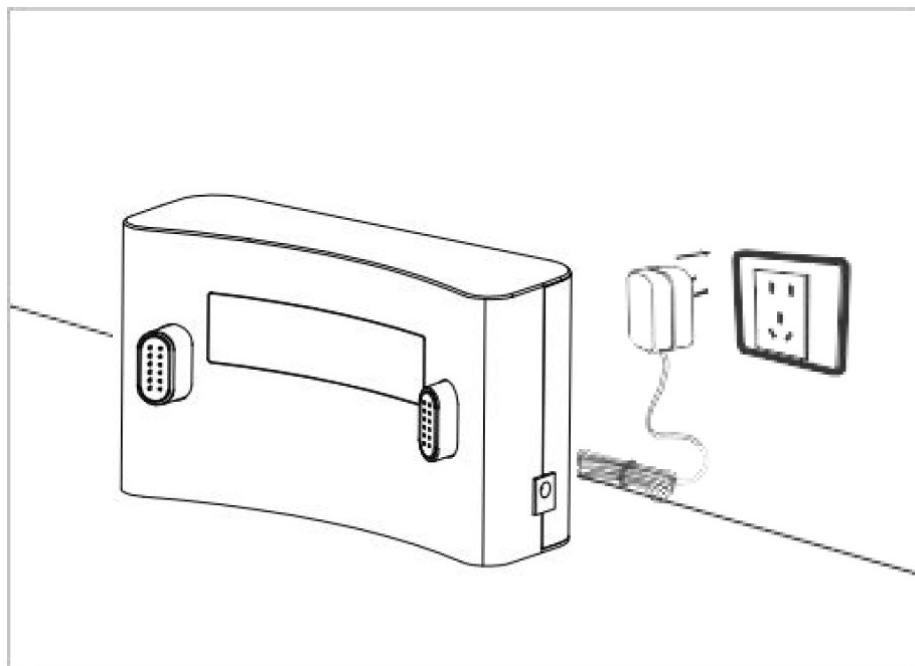
- Place charge station / connect to the power supply

- The charge station is placed against the wall and placed on a flat ground. Do not place objects within 0.5m from left to right and 1.5m in front.
- Connect the power supply.
- Please arrange the power cord to avoid entanglement.

Place the charge station

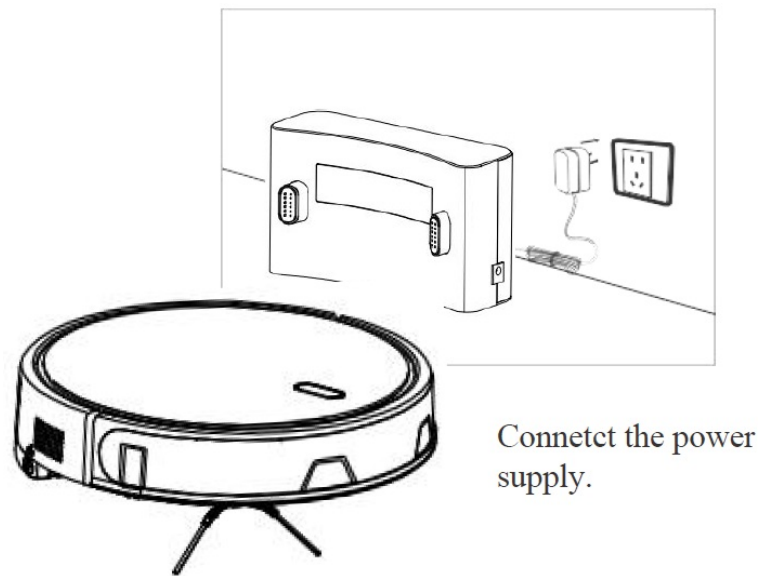


Connect the power supply



• Charge

Place the robot on the charge station, and pay attention to align the charging electrode.

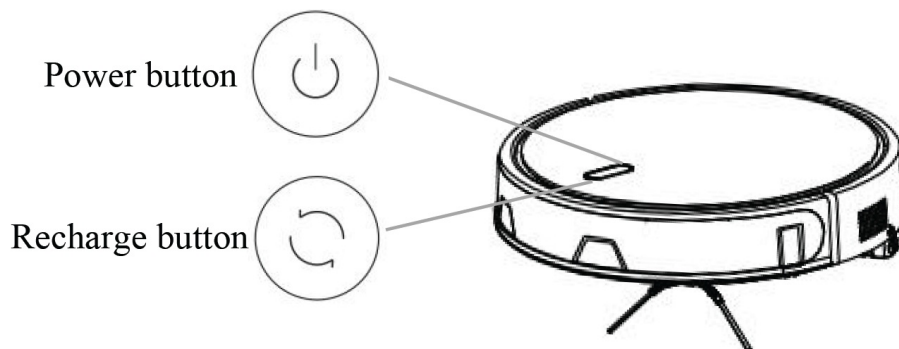


Mode selection

1. Start cleaning

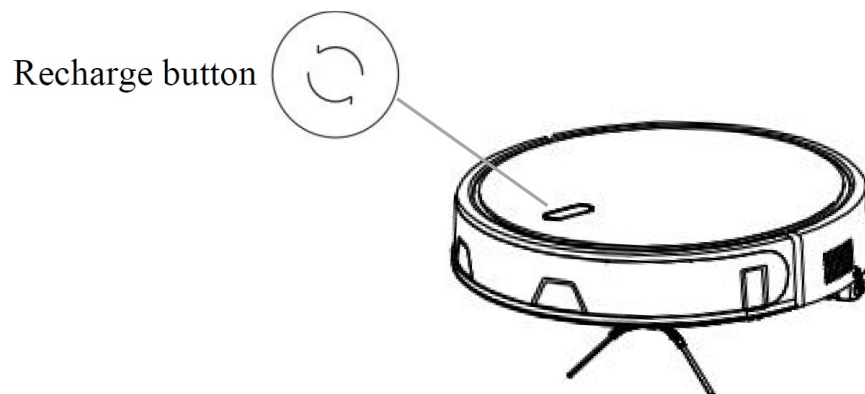
In the shutdown state, press the power button of the robot. Power on in 5-10 seconds.

In the power-on state, short press the power button or click the start cleaning button of the mobile App to start the automatic cleaning mode. In automatic cleaning mode, short press the power button to enter the pause state, short press the power button again to start cleaning.



2. Suspend work and return to the charging station to charge.

When the main unit is working, press the main unit's recharge button, the main unit will stop working, start to find the charging stand automatically, and go back to charge.



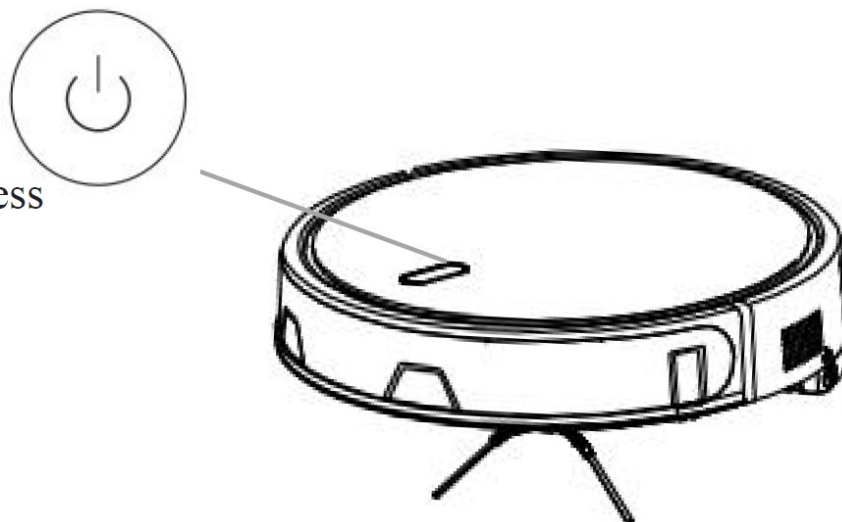
3. Turn off

In the power-on state, press and hold the power button for 5-10 seconds to shut down.

1. If the product will not be used for a long time, please charge it fully before storing, then turn off the power switch, and insist on recharging it every 3 months to prevent over-discharge of the battery.
2. If the battery is over-discharged or not used for a long time, the product may not be able to charge.

Please contact our company for after-sales maintenance. Do not disassemble it yourself.

Power
button
Long press
to shut
down



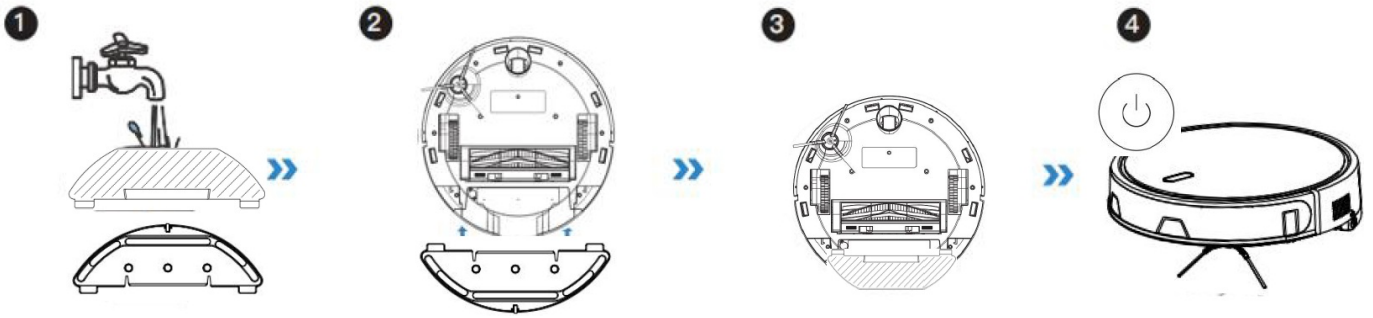
In order to adapt to different ground conditions and achieve deep cleaning, this product has a variety of cleaning modes, which can be selected through the mobile app as needed.

Smart Mode	After clicking on the Smart button, the robot will perform the whole house auto cleaning. After the cleaning is completed, the sweeping robot will automatically recharge.
Random Mode	Start random cleaning from the place where the robot is placed, briefly press to stop during operation, and then press to start again.
Spiral Mode	Move the robot to any location, click Spiral button, then the robot start spiral cleaning from the location (the Spiral cleaning area diameter is about 1m).
Wall Follow Mode	The robot sweeps along the wall on the right side, briefly press to stop during operation, and then press to start again.

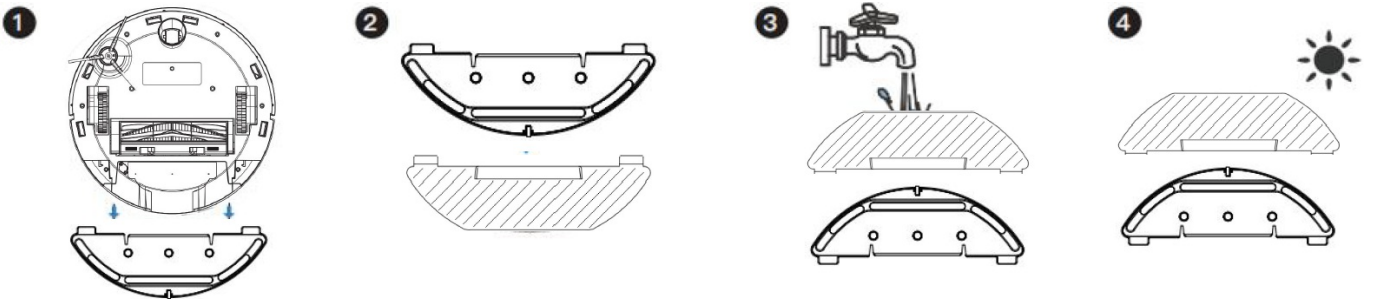
Appointment mode	<ol style="list-style-type: none">1. The appointment week is set to a 7-day system (the maximum is Sunday, and Monday etc. cannot appear); The time is set to 24H system (cannot exceed 00:60, etc.);2. After low power shutdown, no response to appointment3. Does not respond to appointments when the charging state is interrupted
Do not disturb mode	Do not disturb mode will not automatically clean and actively play voices to affect the owner's rest
Automatic recharge	Automatically recharge when the battery is low, and return to the location according to the map if there is the location of the charge station If there is no charge station location, it will start to search the charge station.

Mopping Function

Mopping Operation



Maintenance



App download and network configuration

1. Please connect to 2.4G home Wi-Fi network

Make sure that the mobile phone is connected to the Wi-Fi network available indoors, and the signal quality is good, register and login to the mobile phone.

Download and install the app Method 1: Scan the QR code below, download and install the App according to the prompts.

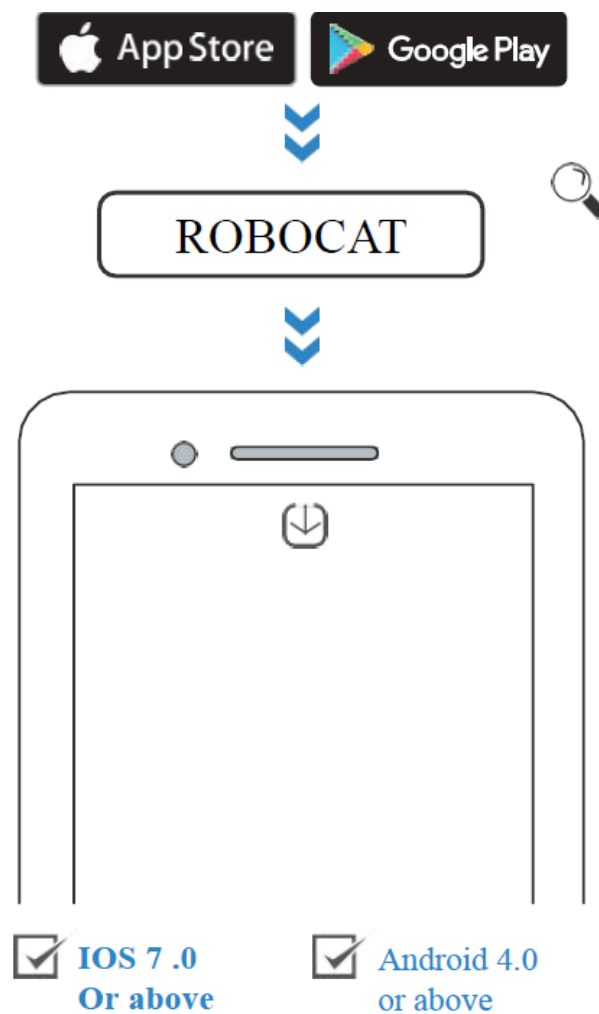


Tips

After the installation is complete, please follow the instructions on the mobile App page to complete the registration, login and network configuration.

Before configuring the network, please make sure that the mobile phone and the home network are connected.

2. Open the mobile application store, search for "ROBOCAT", download and install



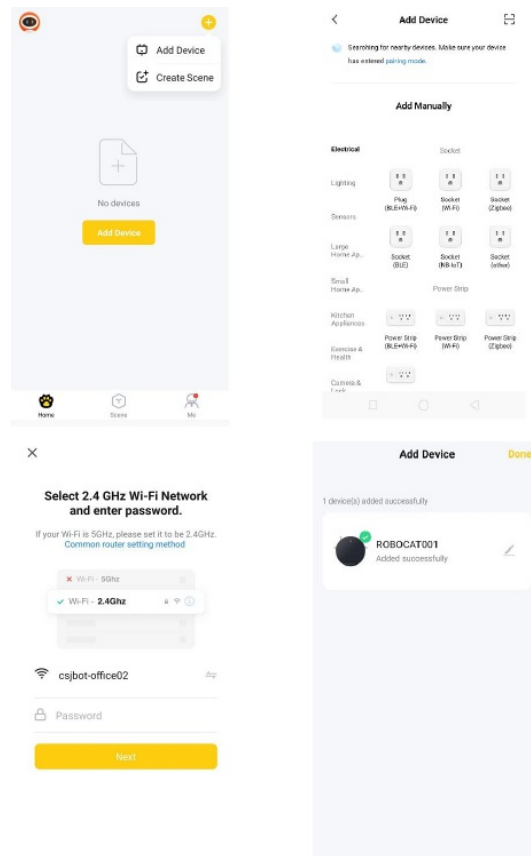
Network configuration mode

Hotspot mode

Wi-Fi hotspot network configuration(only 2.4G WIFI is supported)

1. App operation

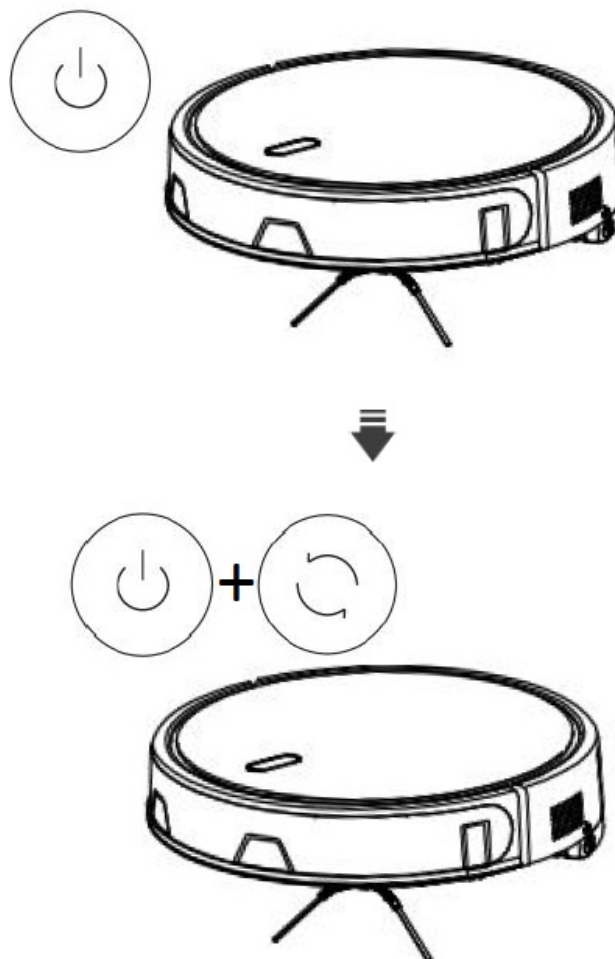
After the home network connection is successful, please follow the instructions on the mobile App page until the Wi-Fi hotspot quickly connects to the network.



2. Robot Operation

Turn on the power switch of the robot.

Simultaneously press and hold the “Power button and recharge button” for about 3-5 seconds, until you hear the prompt tone “Wifi has been reset”, the machine enters the Wi-Fi hotspot network configuration mode.



Tip: If the network configuration fails, please restart the robot and restart the network configuration.

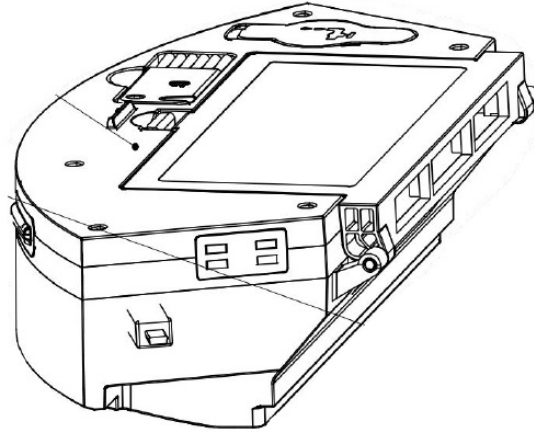
Maintenance

Dust box and filter

When cleaning and maintaining the robot and its accessories, please unplug the power line of charging base.

Warning: The dust box and filter should not be exposed to water.

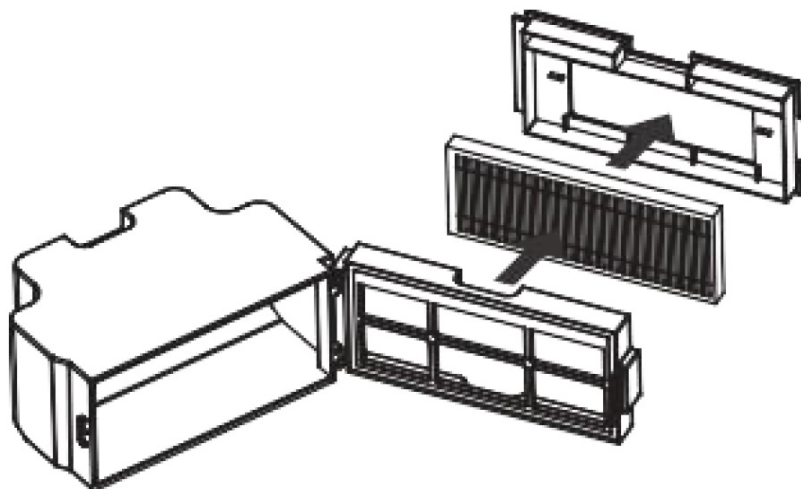
1. Take out the dust box from the back of the main unit.



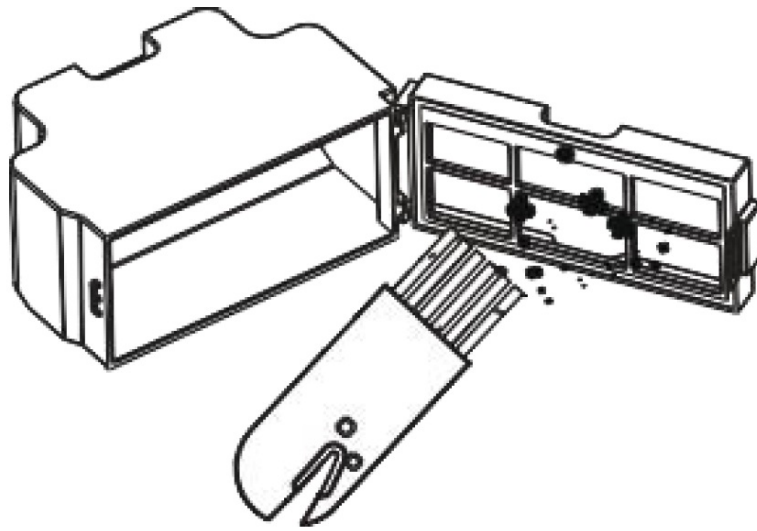
2. Open the lock of the dust box and dump the trash.



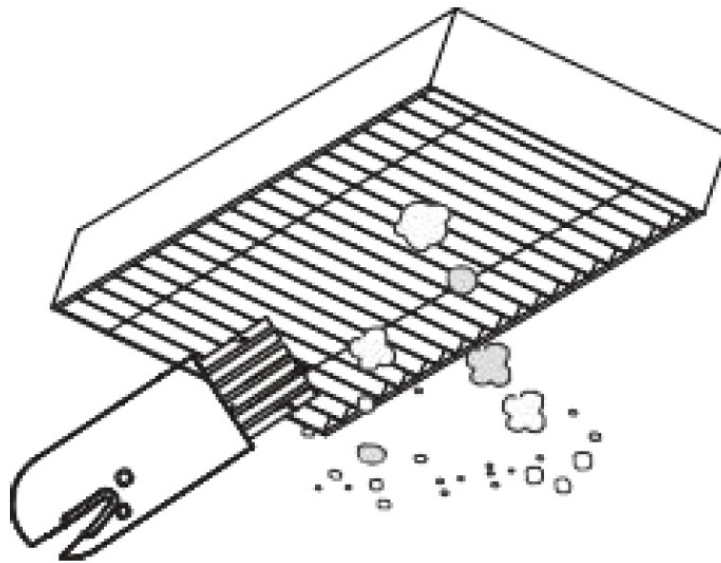
3. Remove the dust filter assembly.



4. Use the brush of the cleaning tool to clean the dust on the primary filter, paying attention to both the inside and the outside.



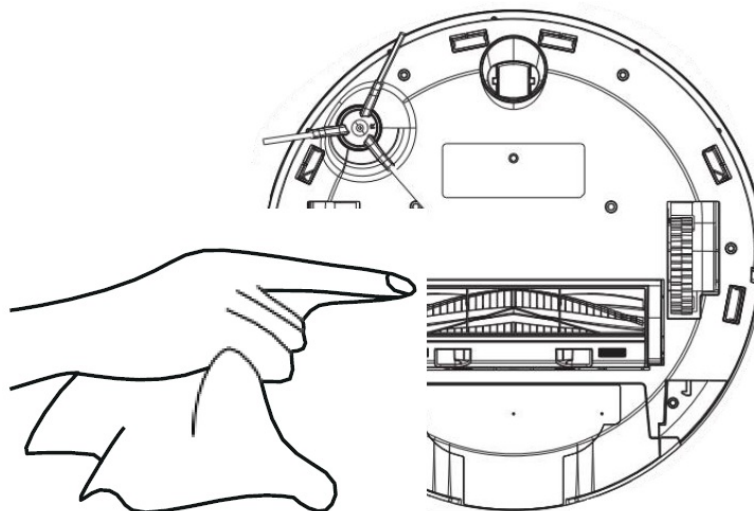
5. Use the brush of the cleaning tool to clean the dust on the high-efficiency filter, paying attention to cleaning both inside and outside.



Vacuum port and side brush

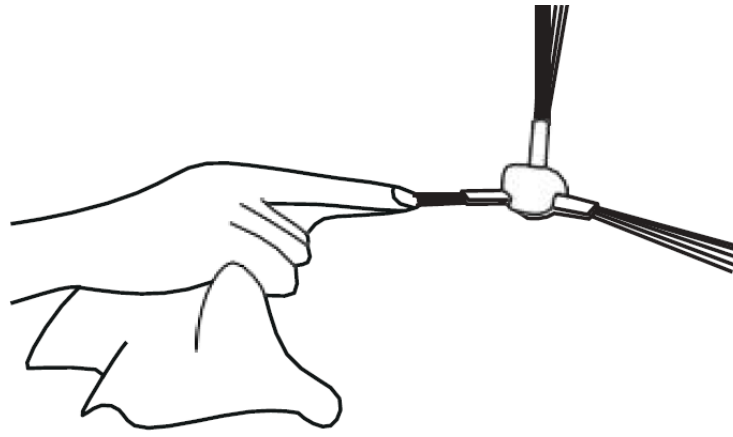
1. Clean the suction port

If there is a lot of dust in the suction port, please use a rag to clean it.

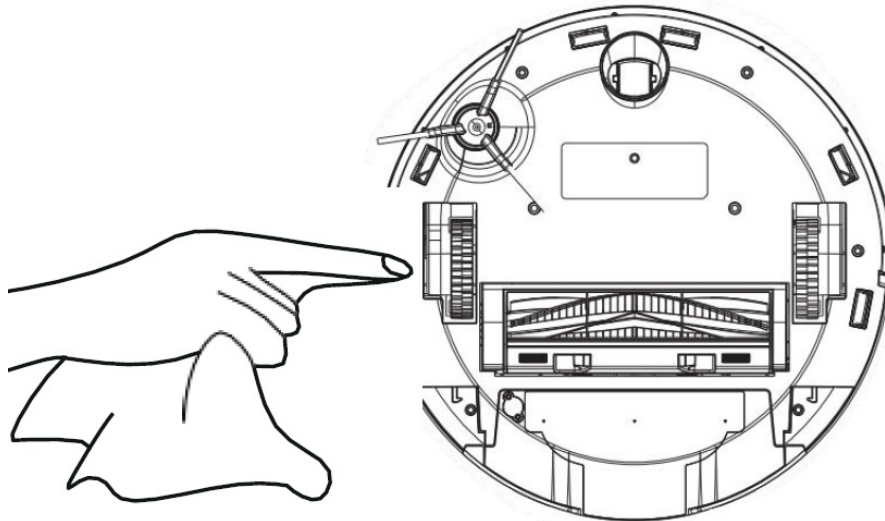


2. Clean side brush

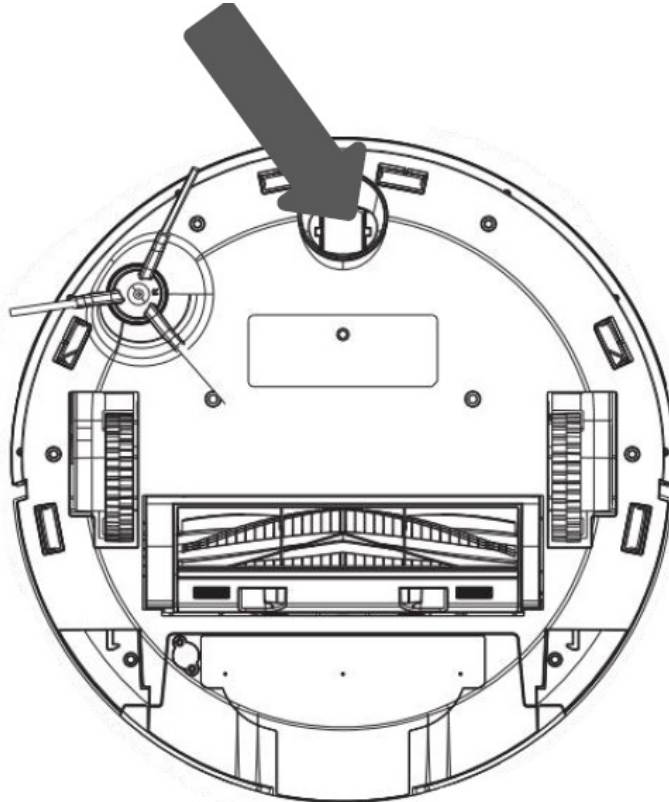
Pull out the side brush and wipe it with a clean rag.



3. Clean the driving wheel to keep the cleaning smooth;

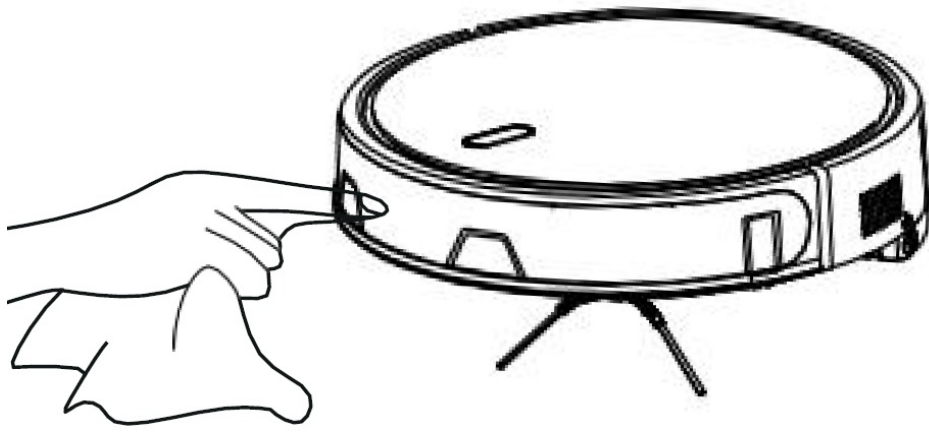


4. Clean the universal wheel to reduce hair entanglement;

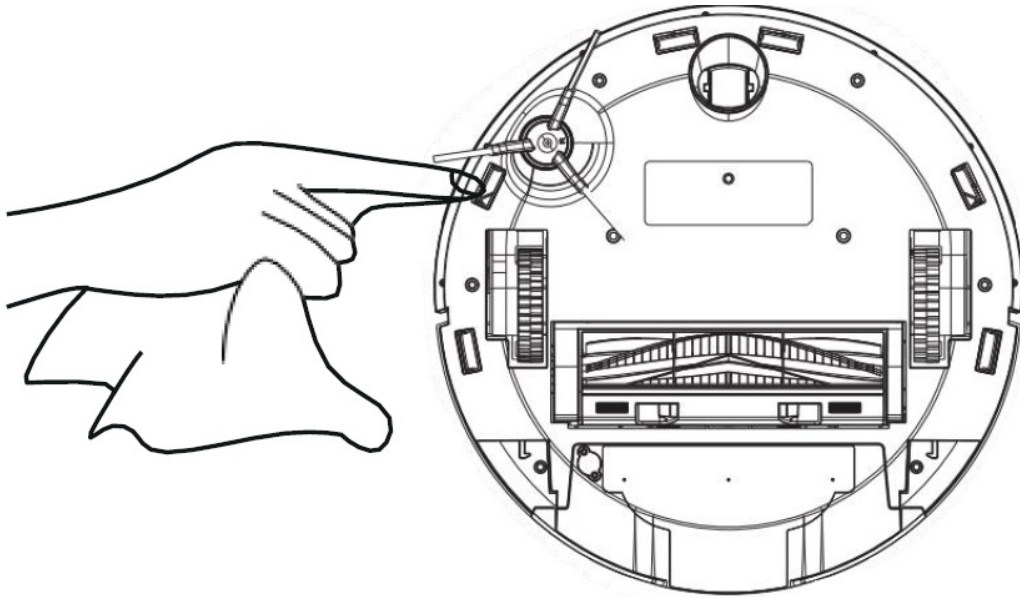


Other components

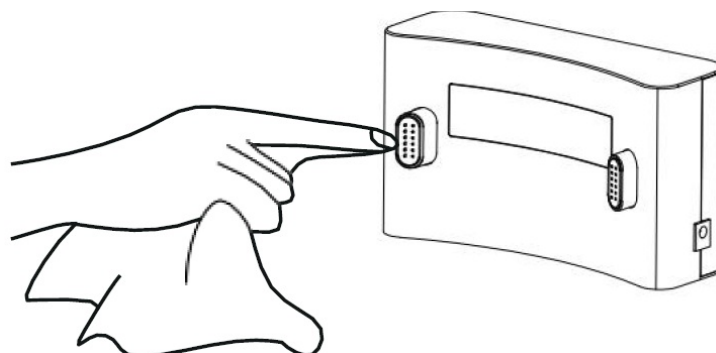
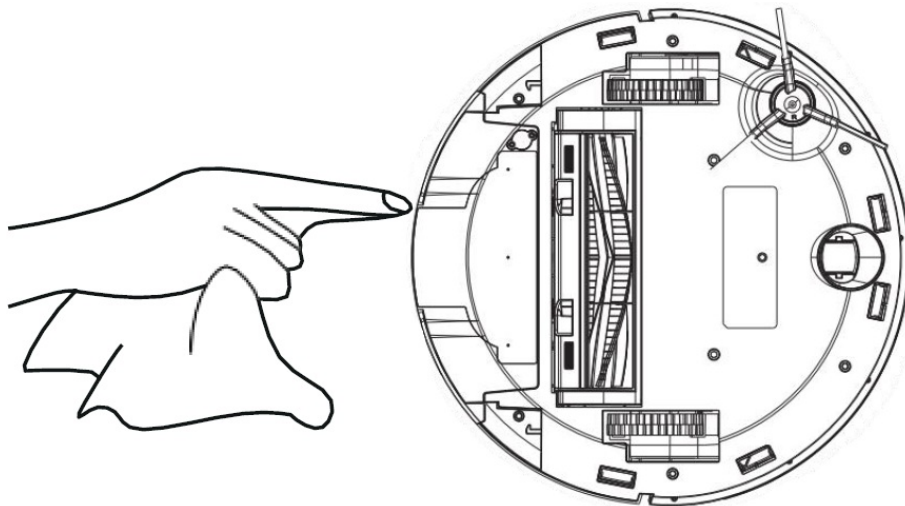
- Clean the anti-collision sensor



- Clean the anti-drop sensor to ensure the sensitivity of the sensor



- To clean the charging electrode, please use a dry rag to clean the electrode of the robot and the charging electrode of the charge station separately.



Light and voice alarm prompt

Lighting effect tips

Robot Status	Indicator light shows status
Charging	Blue light breathing
Charging is complete	Blue light off
Power-on state	Blue light is always on
Cleaning mode	Blue light is always on
Off state	Blue light off

Voice alarm prompt

When the robot fails, the robot will voice prompt the cause of the failure, please refer to the following table for query

Serial number	Cause of issue	Voice prompts	Solution
1	Drive wheel abnormal	have	The drive wheel is abnormal, please check if the drive wheel is tilted and clean
2	Abnormal side brush	have	The side brush is abnormal, please check whether the side brush is tangled, and clean the side brush
3	Fan abnormal	have	The fan is abnormal, please clean up the garbage in the dust box and the air duct opening
4	Dust box not detected	have	The dust box is not detected, please put the dust box back on the machine.
5	Ground detection alarm	have	The robot is suspended, please move to the ground.
6	Escape alert	have	Failed to escape, please move to an open place.
7	The battery is too low	have	Please manually move the robot to the charging dock to charge.

Tips:

If none of the above methods solve the problem, please try the following methods: Long press the power switch to restart the machine.

Troubleshoot common problems

During the use of the product, if the following problems occur, you can check and solve them by yourself.

No	Troubles	Cause of the troubles	Solutions
1	The robot cannot connect to the App.	The router username and password are incorrect.	Configure the router network and ensure that the router “username” and “password” are entered correctly.
		The robot is not within the network signal coverage of the router.	Ensure that the robot is within the network signal coverage of the router.
		Whether the robot is in a state to be configured.	The network configuration of the robot can only be carried out when the robot is in the state to be configured, please refer to [3. Network configuration method]
		2.4G network is not used.	The host does not support 5G network temporarily, please use 2.4G network to configure the network when connecting.
2	The robot cannot be charged.	The robot is in poor contact with the charging pole of the charging stand.	Make sure that the charging pole of the robot and the charging stand are fully connected. Check whether the charging poles of the robot and charging stand are dirty, please refer to the [Maintenance] chapter in the manual for cleaning.
		The charging stand is not connected to a power source.	Make sure that the charging stand is connected to a power source.
		Long-term non-use, resulting in over-discharge of the battery.	It is recommended to use this product frequently. If you do not charge or use it for a long time, please contact after-sales service personnel.
3	The robot automatic recharging is difficult.	The charging stand is not placed in the correct position.	Place the charging stand correctly according to the method in the chapter [Robot Charging] in the manual.
		The charging stand is powered off or moved by hand.	Please check if the charging stand is connected to the power source. Do not move the position of the charging stand artificially.
		The robot is stuck by ground obstacles (such as wires, carpet edges, electric fan base, etc.) or the room door with the charging stand inside is closed, and the robot cannot return to the room.	It is recommended to refer to the manual [Precautions] before using the host to arrange the ground objects to ensure that the robot walks stably, avoid jams, and keep the charging cable unblocked.
		The robot did not start cleaning from the charging stand.	It is recommended to let the robot start cleaning from the charging stand.

No	Troubles	Cause of the troubles	Solutions
4	When the robot is cleaning, there are situations such as the moving route is messy, deviation, repeated cleaning, and missed cleaning in some area.	Wires, slippers and other items placed on the ground will affect the normal operation of the robot.	Before the robot starts working, please arrange the wires, slippers and other items scattered on the ground to minimize the placement of scattered items on the ground. If there is a missing area of cleaning, the robot will make up for the area by itself. Please do not interfere with it (such as moving the robot or blocking the path of the robot).
		Working on newly waxed and polished floors will reduce friction between the drive wheels and the ground.	It is recommended that you wait for the floor wax to dry before using it.
		Due to the different home environment, the robot cannot enter some areas.	It is recommended to clean up the environment at home to ensure that the robot can enter and clean.
5	The robot is in trouble while working.	The robot is entangled or obstructed by scattered wires, hanging curtain cloth or edge of carpet.	The robot will try various methods to get out of the trouble. If it fails to get out of the trouble, it is recommended to help manually.
		The robot may be jammed by furniture close to the height of the robot.	It is recommended to elevate furniture or cover it artificially.
6	When the robot is working, the noise is loud.	The side brush is tangled, the dust box, the filter material is clogged, etc.	It is recommended to clean and maintain the side brush, dust box, filter material, etc. regularly.

If the trouble cannot be eliminated according to the above operation, you can contact the after-sales service personnel.

This product information is subject to the actual product, our company reserves the right to update the product, subject to change without notice.

Technical parameters

Product number	S 7 C – W , S 7 C – B		
Rated input voltage to robot	DC24V		
Robot charging time	Less than 6h		
Battery capacity	Lithium battery 2600mAh		
Operating time	About 90 minutes		
Dust box capacity	250ml		
Water tank capacity	300ml		
Fan suction	4200Pa(maximum)		
Rated input voltage of charge station	AC220-240V	Rated input power	18W
Rated output voltage of charge station	24V	Rated output current	1 . 0 A

Due to the need for continuous product improvement, the product information is subject to the actual products, and our company reserves the right to update the products without notice.

Name of harmful substance

Parts category	Harmful materials					
	Lead (Pb) and its compounds	Mercury (Hg) and its compounds	Cadmium (Cd) and its compounds	Hexavalent chromium (Cr(VI)) and its compounds	Polybrominated biphenyls (PBB)	Polybrominated Diphenyl Ether (PBDE)
Plastic parts						
Metals hardware						
Robot circuit module						
Electronic Component						
Battery						
Plug power cord (metal part)						
<p>Note: This table is compiled in accordance with the provisions of SJ/T 11364.</p> <p>O: it means that the content of hazardous substances in all homogeneous materials in this section is lower than the limit requirements of the currently valid version GB/T 26572.</p> <p>× It means that the content of hazardous substances in at least one homogeneous material of the component exceeds the limit requirement of the currently valid version GB/T 26572, and there is no mature substitute in the industry, which meets the requirements of the EU RoHS directive.</p>						

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

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 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.

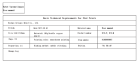
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Radiation Exposure Statement

This device complies with RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device must operate with a minimum distance of 20 cm between the radiator and user body.

Documents / Resources

	<p>roborock S7C-W, S7C-B Laser Navigation Intelligent Robot Vacuum Cleaner [pdf] User Manual</p> <p>S7C, 2A5YL-S7C, 2A5YLS7C, S7C-W S7C-B Laser Navigation Intelligent Robot Vacuum Cleaner, S7C-W, S7C-B Laser Navigation Intelligent Robot Vacuum Cleaner, Laser Navigation Intelligent Robot Vacuum Cleaner, Intelligent Robot Vacuum Cleaner, Robot Vacuum Cleaner, Robot Vacuum, Vacuum, Vacuum Cleaner, Cleaner</p>
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