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# 1.SAFETY INSTRUCTIONS

## Use Restrictions

- This machine is only used for floor cleaning at home. Please do not use it outdoors (such as an open balcony), in non-ground areas (such as a sofa), and in commercial or industrial environments.
- Do not use the machine in suspended environments without protective fences, such as duplex floors, open balconies, and the top of the furniture.
- Do not use the product in an environment where the temperature is above 40°C or below 0°C, or there are liquids and viscous objects on the ground.
- Hang up the ground cable at home before use to avoid dragging the cable when the machine is running.
- Put away the fragile objects and sundries (such as vases and plastic bags) on the ground. Otherwise, the machine may be blocked or a slight collision may cause damage to valuables at home.
- Keep the machine away from people (including children) with physical, mental or sensory impairments.
- Do not allow children to use the machine as a toy. Please keep children and pets away from the machine when the machine is running.
- Keep the cleaning brush at a place that cannot be reached by children.
- Do not place any object (including children and pets) on the stationary or moving machine.
- When the machine is working, keep the hair of humans or pets or fingers far away from the suction port of the machine.

- Do not use the machine to clean-burning objects, such as unextinguished cigarette butts.
- Do not use the machine to clean long-haired carpets. Some dark carpets may not be cleaned normally.
- Do not use the machine to vacuum hard or sharp objects, such as decoration waste, glass, and iron nails.
- Please clean or maintain the machine and docking station when the machine is powered off or when the power supply is disconnected.
- Do not use a damp cloth or any liquid to wipe any part of the machine. Do not use the mopping function on the carpet or the top of the furniture.
- Please follow the instructions in this manual when using the machine. The user should be liable for any loss and injury caused by improper use.

## Battery and Charging

- Do not use any third-party batteries, docking stations, or chargers.
- Do not disassemble, repair, or modify the battery or docking station without permission.
- Do not place the docking station near heat sources, such as radiators.
- Do not use a damp cloth or wet hands to wipe or clean the docking station shrapnel.
- Dispose of used batteries properly, and send them to professional recycling agencies.
- If the power cord is damaged or broken, stop using it immediately and buy a new one through official channels.
- To transport the machine, ensure that the machine is powered off. It is recommended that you use the original box for packaging.

- If you do not use the machine for a long time, power it off and keep it in a dry and cool place. Charge the machine at least once every 3 months to avoid damage to the battery due to excessive discharge.

## Correct Disposal of this product



For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

## 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.

**Warning:** 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.

## FCC Radiation Exposure Statement

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.

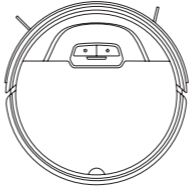
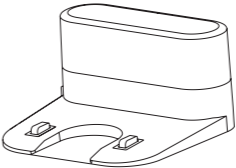
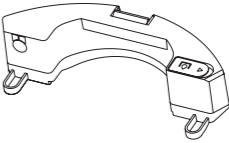
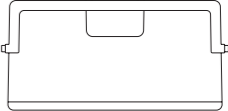
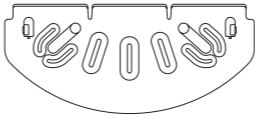
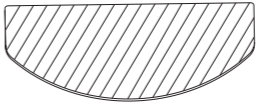
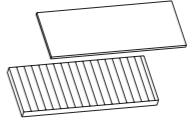
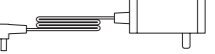


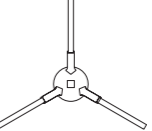

## IC Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device. This equipment complies with IC exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body

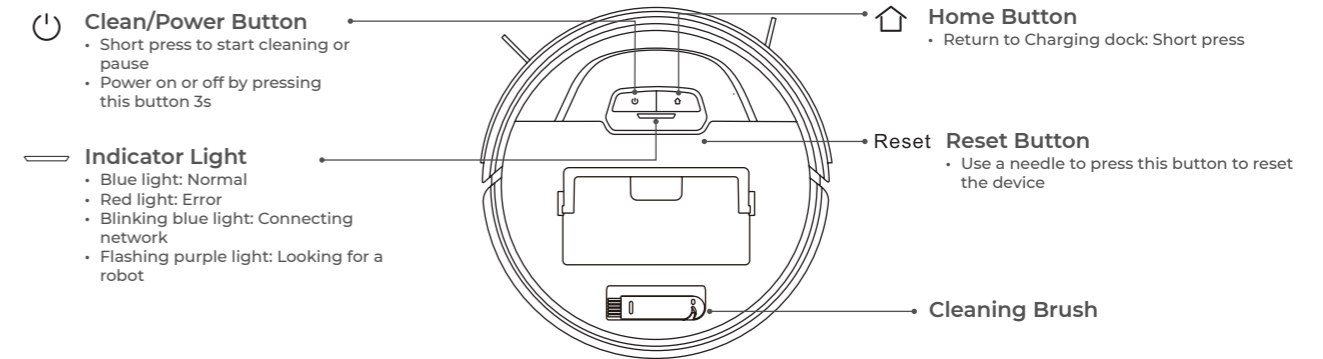
## 2.Packing List

 <b>Robotic Vacuum Cleaner</b>	 <b>Charging Dock</b>	 <b>Water Tank</b>	 <b>Dust Bin</b>
 <b>Mopping Cloth Holder</b>	 <b>Mopping Cloth</b>	 <b>Spare HEPA Filter and Sponge</b>	 <b>Power Adapter (for Charging Station)</b>
 <b>Remote Control with Battery</b>	 <b>Magnetic Strip</b>	 <b>Side Brush</b>	 <b>Cleaning Brush</b>

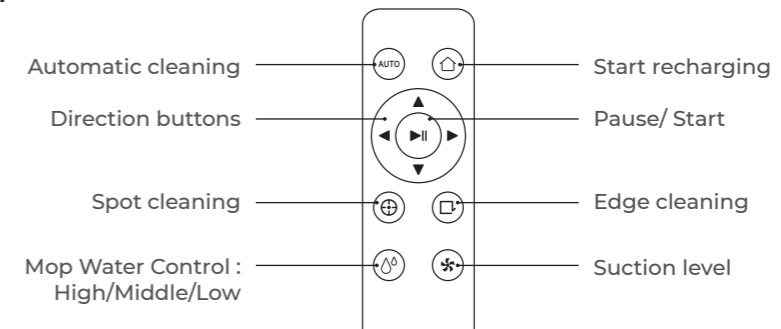
### 3. Basic Parameters

Robot	Specification
Product Model	Evol 3
Dimensions	320 x 320 x 76 mm
Battery	3200 mAh
Rated voltage	14.4V
Rated power	42W
Charging time	300mins
Dust box capacity	450ml
Water tank capacity	250ml
Charging dock	Specification
Dimensions	158 x 147 x 84 mm
Rated input	19V = 0.6A
Rated output	19V = 0.6A

### 4. Product Introduction

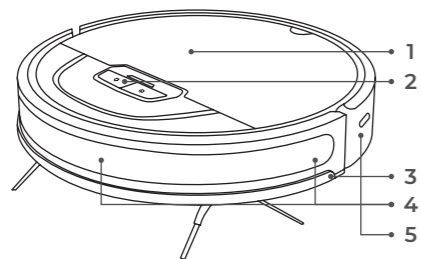


#### Remote Control

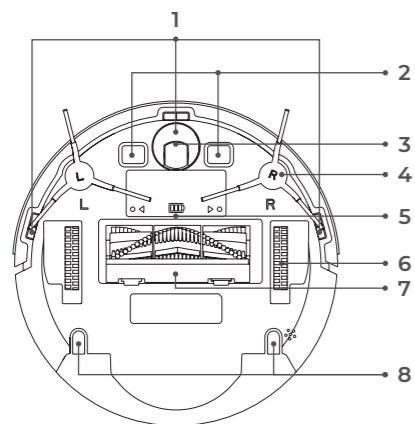


Note: Set High, robot says 3"Di". Middle, robot says 2"Di". Low, robot says 1"Di".

## Sensor and its Structure

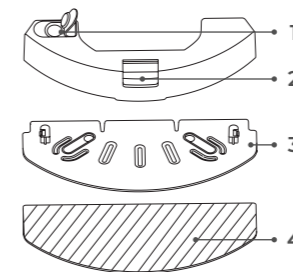


1. Top Cover
2. Button
3. Bumper
4. Infrared Anti-Collision Sensor
5. Infrared Light Receiving Sensor



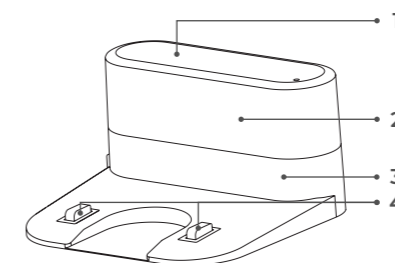
1. Cliff Sensor
2. Charging Contact
3. Universal Wheel
4. Side Brush
5. Battery Cover
6. Drive Wheel
7. Rolling Brush
8. Installation Hole for Mopping Cloth Holder

## Electric Control Water Tank and Rag Components



1. Water Inlet
2. Water Tank Button
3. Mopping Cloth Holder
4. Mopping Cloth

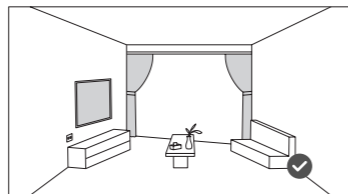
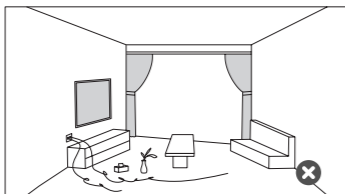
## Charging Station



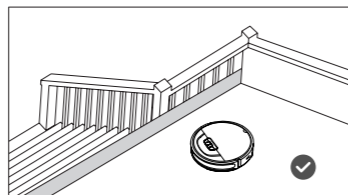
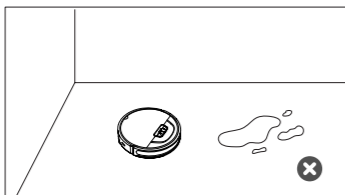
1. Power Indicator
2. Signal Transmitting Area
3. Power Interface
4. Charging Pins

## 5.Preparation

### Precautions

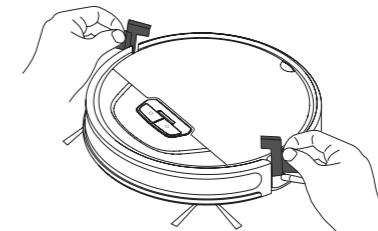


- Before starting the vacuum cleaner, clean up wires and sundries scattered on the ground, and remove easy-to-fall, fragile, valuable and potentially dangerous items. Avoid being entangled, jammed, dragged, or knocked down by the robot; otherwise, personal or property damage may be caused.



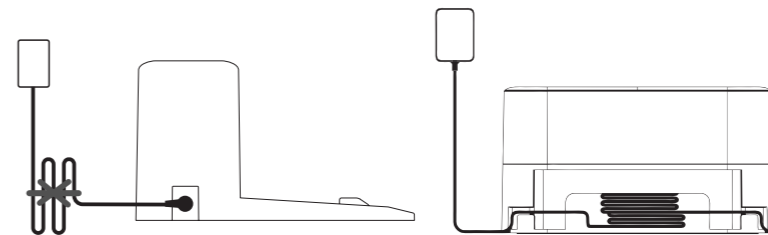
- Do not use the robot to vacuum liquid. otherwise it will damage the fan and affect the performance of the robot.
- When used in a suspended circumstance, it shall be protected by rails to avoid accidental falling or pushing other articles from falling.

- 1.Remove the protection material from both sides of the robot

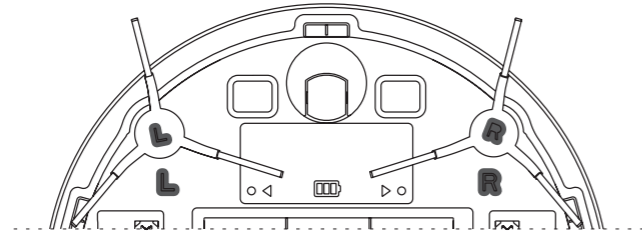


- 2.Install side brushes

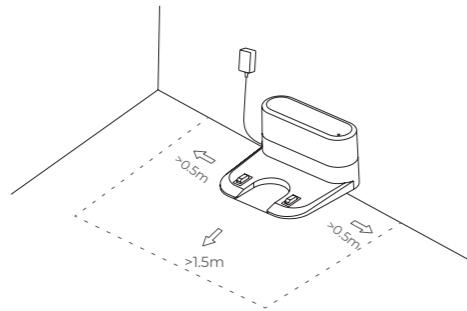
- Put the left brush (L) and right brush (R) against the letters L and R on the bottom respectively; move down for “click” to finish installation.



3. Take out and place the dust collection charging base on a flat floor against the wall and tidy up the redundant wires.



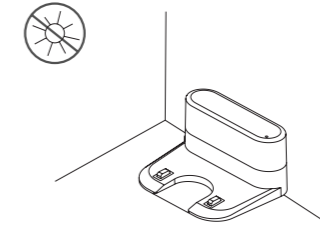
4. Ensure space more than 0.5m from the left and right to the charging base and 1.5m in front of the charging base.



Note:

- Ensure a space more than 0.5 m from the left and right of the charging dock and 1.5 m in front of the charging dock.
- The power line perpendicular to the ground may be dragged by the robot, resulting in the dock power-off.
- The charging indicator is kept on when electrified.


5. Do not move the charging base at will, avoid direct sunlight on the charging base.

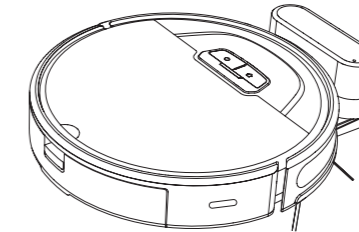


Note:

- Sunlight may interfere signals of return-for-charging, and then the robot fails to return back to the charging dock.

6. Power on and charging

- Hold the  button to power on the machine. When the indicator is on, put the robot against the charging dock for charging. The voice of “start charging” prompts successful charging.





Note:

- The machine cannot power on in case of insufficient battery. Please place the robot on the dock to allow automatic power on.

## 6.Use Instructions

### Power on and off the machine

- Tap and hold the  button for 3 seconds to power on the machine. Then, the power indicator is on, and the vacuum cleaner enters the standby state. Tap and hold the  button for 3 seconds to power off the machine.
- Note: The robot in the charging state cannot be powered off.

### Cleaning/Pause


Once the machine powers on, tap the  button on the robot or use the controller or the smart APP to start cleaning.

Note:

- The machine cannot clean liquid.
- If the power is lower than 15%, the machine cannot work. Therefore, charge the machine before cleaning.
- If the power is lower than 15% during cleaning, the machine will automatically return back to the dock for charging.
- Before cleaning, tidy up all kinds of wires on the ground (including the power cord of the dock). Otherwise, the machine may drag the wires while cleaning, which may cause power failures of other electric appliance or damage items or wires.

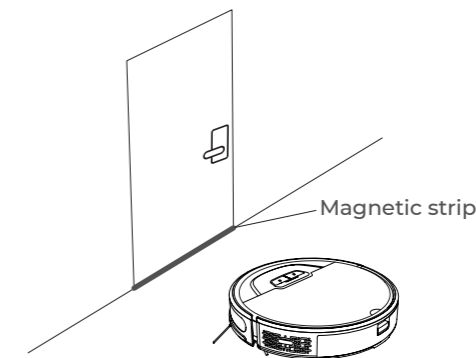
### Charging

Auto mode: After cleaning, the robot automatically returns to the dock for charging.

Manual mode: In the pause state, press the  button to activate the “return for charging” mode or use the controller or the smart APP for charging.

### Virtual wall

The magnetic strip can be set to separate restricted zones (such as washing rooms and kitchens).

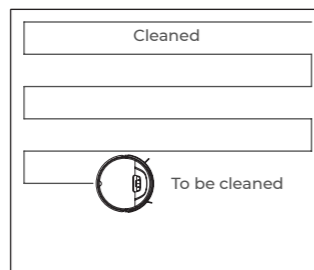


Note: Fix the magnetic strip to the ground to avoid peeling off; otherwise affecting the result of the virtual wall.



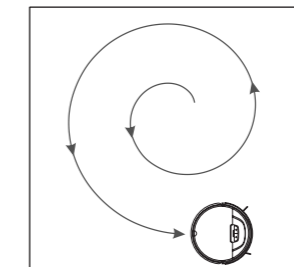
## Automatic cleaning

Upon power on, the machine plans its cleaning route in a zigzag way and finishes cleaning the whole room in an orderly and efficient manner. Once cleaning ends, the machine will automatically return to the dock for charging (cleaning mode by default).



## Spot cleaning

Use the ⊕ button on the controller so that the machine will take itself as a center to sweep a round zone with the diameter of 1.2 m. Upon cleaning, the robot will automatically return to the starting point and stop work. (The direction key on the smart APP can also be used to manually control the machine to the cleaning position.)



## DND mode

No voice prompt in DND mode. Use the smart APP to enable or disable the DND mode.


## Scheduled cleaning

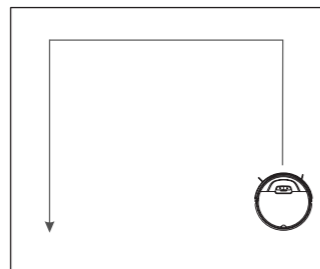
Use the smart APP to set the time for cleaning. The robot will start cleaning automatically at the scheduled time. Upon cleaning, it will return to the dock for charging (7x24h scheduling supported).

## Spot cleaning

Use the ⊕ button on the controller so that the machine will take itself as a center to sweep a round zone with the diameter of 1.2 m. Upon cleaning, the robot will automatically return to the starting point and stop work. (The direction key on the smart APP can also be used to manually control the machine to the cleaning position.)

## Edge cleaning

- For indoor cleaning, the machine normally sweeps along a fixed object (such as walls). Once cleaning finishes along all sides, it returns to the charging dock.
- Press the button of  on the controller or use the smart APP to quickly enable the side cleaning function.



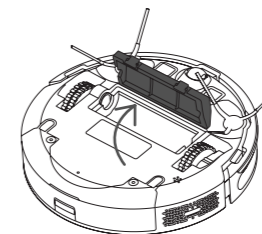
## Suction control

- Use the smart APP to select the strong, normal and quiet modes (normal by default).
- Use the smart APP to select the high, medium and low modes (medium by default).

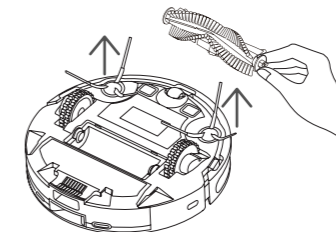
## 7. Routine Maintenance

### Roller brush (Recommended cleaning frequency: weekly)

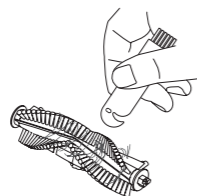
1. Flip the machine, press the buckle on the roller brush cover, and remove the roller brush cover.



2. Remove the roller brush.



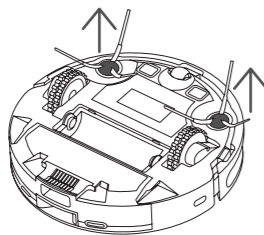
- Use the cleaning brush that comes with the machine to remove the dust in the main brush and the roller brush cavity, and then clean the objects entangled on the roller brush.



### Side brush (Recommended cleaning frequency: weekly)

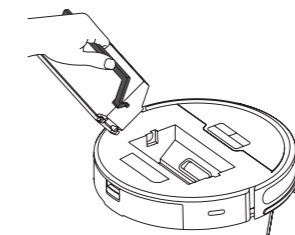
- Flip the machine, and pull out the side brushes vertically
- Remove the entangled hair and dirt, and then reinstall the side brushes.
- Align the left side brush (L) and right side brush (R) with the letters L and R on the bottom cover, and press the side brushes to reinstall them.

Note: It is recommended that you replace the side brushes every 3 months to ensure the cleaning effect.

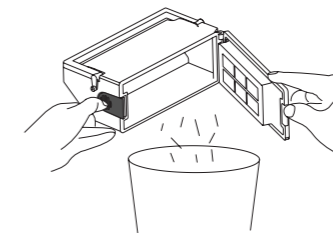


### Dust box and filter (Recommended cleaning frequency: after each cleaning)

- Remove the machine cover, lift the handle of the dust box, and take out the dust box.

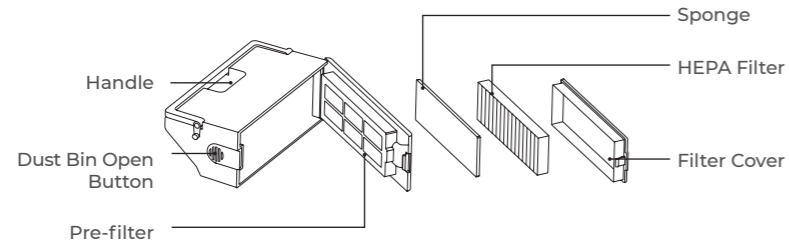


- Press the switch of the dust box, open the dust box, and dump.



## Clean the dust box

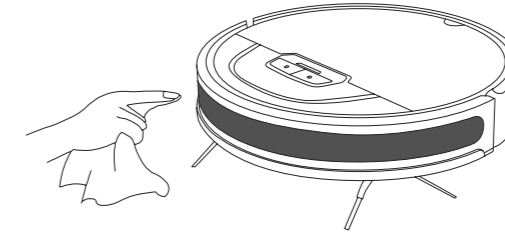
1. After the machine is used for a long time, remove the filter gauze and HEPA filter.
2. Put the removed prefilter and dust box under the faucet for washing (the HEPA filter cannot be washed by water).
3. Remove the water droplets, and dry the filter and dust box thoroughly before use. Press the switch of the dust box, open the dust box, and dump.



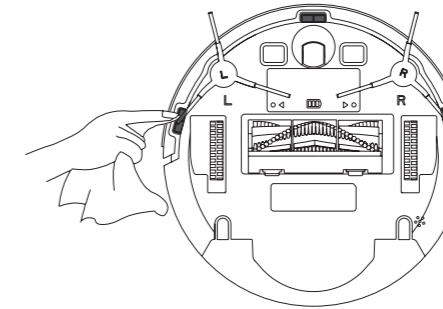
### Note:

- Use clean water for washing, and do not add any detergent.
- Do not use a brush or fingers to clean the filter.
- Dry the filters thoroughly for at least 24 hours.
- It is recommended that you replace a set of filters every 3 months.

## Clean the infrared anti-collision sensor (Recommended cleaning frequency: monthly)



## Clean the cliff sensor (Recommended cleaning frequency: monthly)



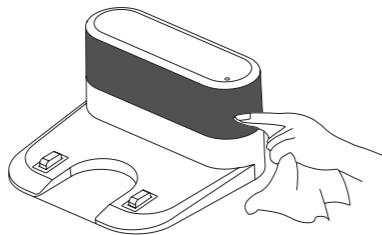
## Clean the charging contact (recommended cleaning)



## Upgrade the firmware

Start the smart phone app, and enter the firmware upgrade page. After the new firmware is detected, follow the instructions to upgrade the firmware. To upgrade the firmware, the power must be equal to or greater than 50%. It is recommended that you place the machine on the docking station for upgrade.

## Clean the signal transmission zone (Recommended cleaning frequency: monthly)



## Battery

- Machine is equipped with a high-performance rechargeable lithium battery pack. To maintain battery performance, keep the machine in charging state in daily use.
- If you do not use the machine for a long time, power it off and store it properly. Charge the machine at least once every 3 months to avoid damage to the battery due to excessive discharge.

## 8.Common Problems

Problem	Solution
Failed to power on the machine	<ul style="list-style-type: none"> <li>• The battery power is insufficient. Please place the machine on the docking station, and align it with the charging electrode. The machine will be automatically powered on.</li> <li>• The ambient temperature is below 0°C or above 40°C. Please use the machine when the ambient temperature is 0°C to 40°C.</li> </ul>
Failed to charge the machine	<ul style="list-style-type: none"> <li>• Move the machine away from the docking station, and check whether the indicator of the docking station is on. Make sure that both ends of the power adapter are properly connected.</li> <li>• The docking station is not in proper contact with the machine. Please clean the docking station shrapnel and the charging contact on the machine, or push the side brush to one side.</li> </ul>
Failed to return to the docking station	<ul style="list-style-type: none"> <li>• The machine is too far away from the docking station. Try to place the machine near the docking station.</li> </ul>

Problem	Solution
Abnormal behavior	<ul style="list-style-type: none"> <li>Power off the machine and then on again.</li> </ul>
There is abnormal noise during cleaning	<ul style="list-style-type: none"> <li>The roller brush, side brushes, or wheels may be entangled with foreign objects. Please clean them after stopping the machine.</li> </ul>
The cleaning performance is degraded, or ash is dropped	<ul style="list-style-type: none"> <li>The dust blocked. Clean or replace the filter.</li> <li>The roller x is full. Clean the dust box.</li> <li>The filter brush is entangled with foreign objects. Clean the roller brush.</li> </ul>
The Wi-Fi network cannot be connected	<ul style="list-style-type: none"> <li>The Wi-Fi signal is not good. Ensure that the machine is located in a place with good Wi-Fi signals.</li> <li>The Wi-Fi connection is abnormal. Reset the Wi-Fi settings, download the app of the latest version, and try to connect to the Wi-Fi network again.</li> <li>The password is incorrect.</li> <li>This machine supports only the 2.4 GHz band.</li> </ul>
Scheduled cleaning cannot be carried out	<ul style="list-style-type: none"> <li>The power is insufficient. Scheduled cleaning will be started only when the remaining power is 15% or above.</li> </ul>
Is any power consumed if the machine always stays at the docking station?	<ul style="list-style-type: none"> <li>The power consumption is extremely low when the machine always stays at the docking station. This helps to keep the battery in the best performance.</li> </ul>
Is it necessary to charge the battery for 16 hours when the machine is used for the first three times?	<ul style="list-style-type: none"> <li>The lithium battery does not have a memory effect. It can be used instantly after it is fully charged. There is no need to wait.</li> </ul>

## 9.Troubleshooting

Problem	Solution
Error 1: Insert dustbin	<ul style="list-style-type: none"> <li>Cleaning is triggered when the dust box is taken out. Please reinstall the dust box.</li> </ul>
Error 2: Put the vacuum on the floor before starting	<ul style="list-style-type: none"> <li>You may pick up the machine, or the machine is suspended in the air. Please move the machine to a level ground and start again.</li> </ul>
Error 3: Put the machine flat on the ground before starting	<ul style="list-style-type: none"> <li>The machine is tilted. Please move the machine to a level ground before starting.</li> </ul>
Error 4: Front bumper is stuck	<ul style="list-style-type: none"> <li>The edge or anti-collision sensor is stuck. Please push the pumper left and right to confirm that it is not stuck.</li> </ul>
Error 5: Battery is low, please recharge	<ul style="list-style-type: none"> <li>Put the machine on the docking station for charging.</li> </ul>
Error 6: The vacuum is stuck	<ul style="list-style-type: none"> <li>Please move the machine to an open ground before starting.</li> </ul>
Error 7 : Side brush is stuck	<ul style="list-style-type: none"> <li>The side brush may be stuck or entangled with foreign objects. Please check the side brush and remove the foreign objects.</li> </ul>
Error 8: Wheels are Stuck	<ul style="list-style-type: none"> <li>The wheels may be stuck or entangled with foreign objects. Please check the wheels and remove the foreign objects.</li> </ul>
Error 9: Main Brush is Stuck	<ul style="list-style-type: none"> <li>The roller brush may be stuck or entangled with foreign objects. Please check the roller brush and remove the foreign objects.</li> </ul>