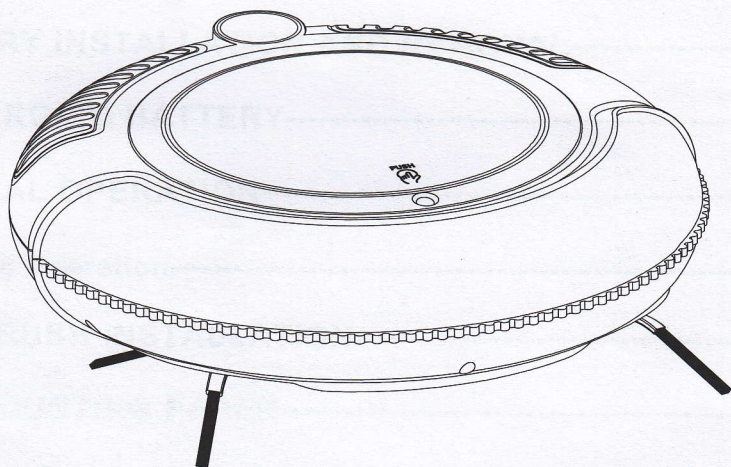


# Mini Robotic Vacuum Cleaner

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*User Manual*

**K6L**

Rev. 01

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## SAFETY INSTRUCTIONS

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

- Read this user manual thoroughly and carefully before using this product.
- Save this user manual.
- Any operation that oppose to descriptions in this user manual may lead to harm to human or this product.

### Safety Instructions

1. Only use the product indoors, do not use it outdoors.
2. Before starting the product, make sure the dust bin filter is properly installed.
3. Do not use this product in wet or moist environment (any environment with liquid), e.g. Bathroom or laundry.
4. Before use, collect the floor environment (remove all the fragile objects and cords, clothing, papers, loose cables, as well as making sure to lift curtains and drapes off the floor to avoid any possible accidents. In case of a loose cable is tangled with the product, the cable might move around with the product as it works and topple down the table, chairs, or cabinet and might cause hurt or property damage.)
5. Do not sit on top of this product or attach an object on the top of it. Beware of children or pets while the product is in operation.
6. Do not make this product close to cigarette, lighter, match or any flammables.
7. Never use the product to clean up combustible or highly volatile liquids such as gasoline.
8. While the product is in operation, make sure all doors leading outside are closed.
9. In case the product is malfunctioned or damaged by out force, please contact the seller for repairing.
10. Turn off the power switch when you don't need to use this product for a long time.
11. Before use, check whether adapter and outlet are properly connected.
12. Use this product in temperature from 0°C to 40°C (centigrade degree) and do not place this product in high-temperature environment or under baking sunlight for a long time.
13. The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or person lack of experience and knowledge, unless they have been given supervision or instruction.
14. Children being supervised do not play with the appliance.

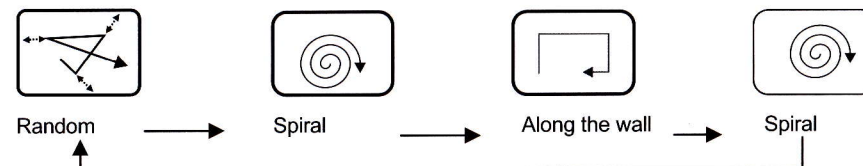
### Battery and Recharging instructions

1. The battery is rechargeable, please use the voltage and current specified on the packing. If you are not sure of the voltage and current of your house, please contact the seller or local power company of a licensed electrician. (Only use battery pack which provided by manufacturer or specified by manufacturer, please check the polarity before installing the battery. Battery voltage: 14.4VDC, working current: 800mA)
2. Only use the original battery and power adapter of the product for charging.
3. Charging adapter is for indoors use only.
4. Do not recharge the product if the battery cord or plug is damaged.
5. Never touch the charger, plug or cable with damped hands.
6. Before cleaning the product, unplug the adapter, switch off the unit and take out the battery.
7. Please take out the battery when it not in use for a long time.
8. The battery must be removed from the product before it is scrapped.
9. The product must be disconnected from the supply mains when removing the battery.
10. The battery is to be disposed of safety.

## PRODUCT FEATURES

Thanks for purchasing the K6L Mini Robotic Vacuum Cleaner!

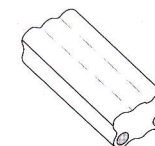
This revolutionary Mini Robotic Vacuum Cleaner is equipped with functions suitable for cleaning up floor surfaces of home and office, such as wood, tile, and linoleum. The K6L Mini Robotic Vacuum Cleaner is definitely a good household helper.



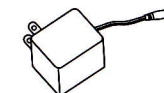
## MAIN BODY AND ACCESSORIES



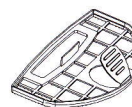
Main body x1



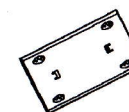
Rechargeable battery x1



Adapter x1



Filter x1



Dusting paper base x1



Dusting paper x3



User manual x1



Side brushes x 4



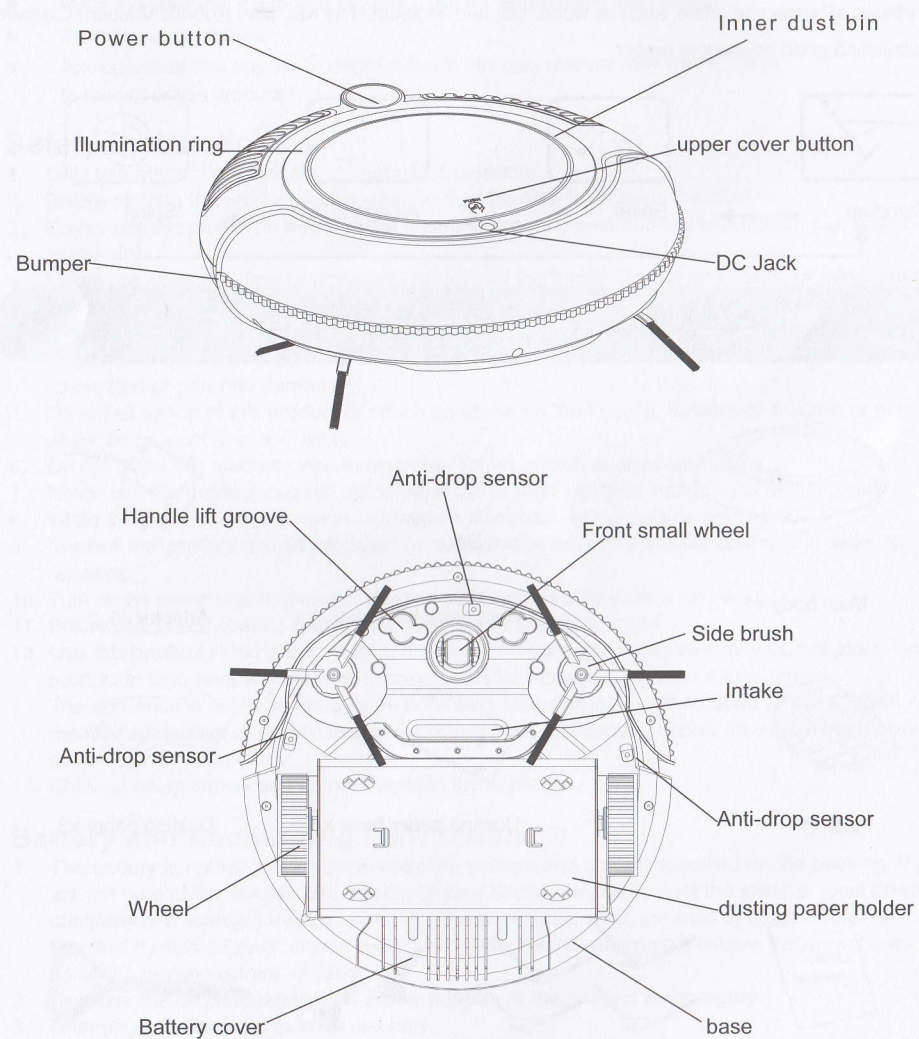
Screws x2



Triangle screw driver x1

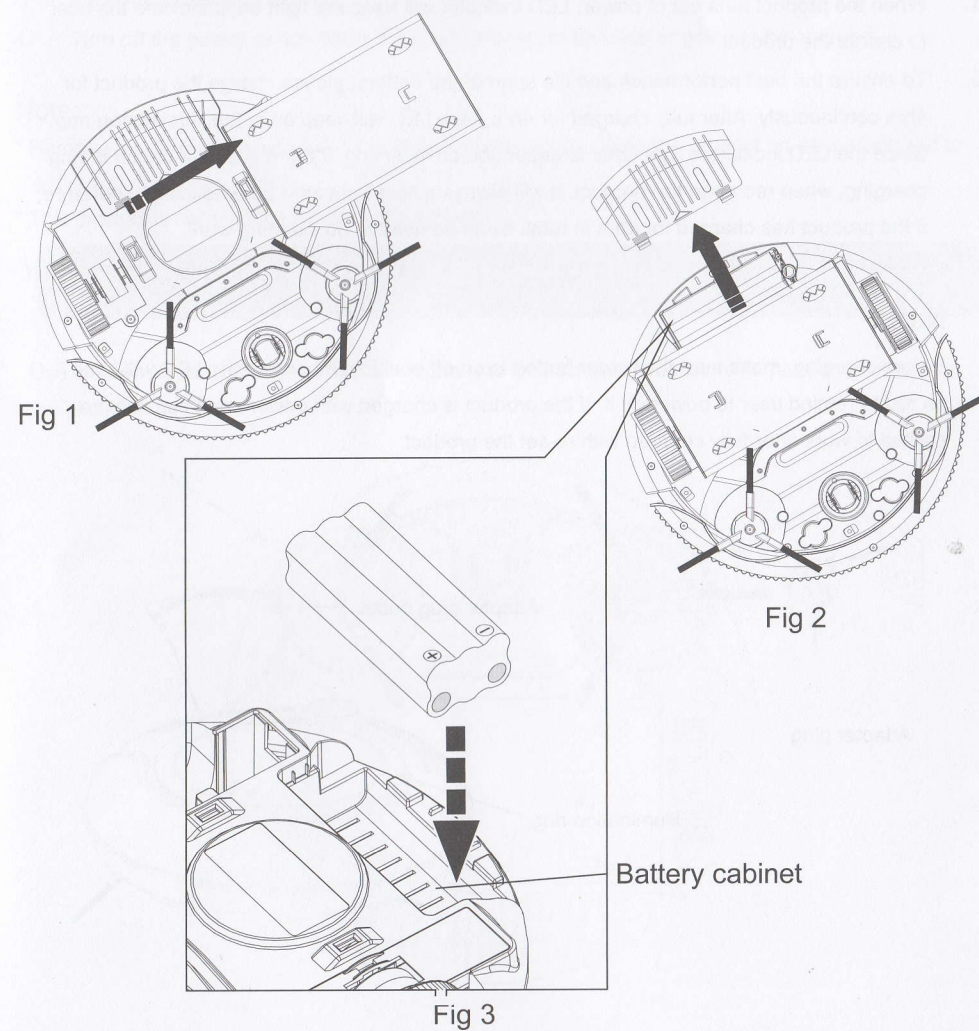


## MAIN BODY AND ACCESSORIES



## BATTERY INSTALLATION AND REMOVAL

1. Before install or take out the battery, the product must be disconnected from the supply mains.
2. Remove the dusting paper holder. (Fig 1)
3. Open the battery cover. (Fig 2)
4. Insert the battery into the battery cabinet and close the cover. Make sure the cover clips well located in its position.



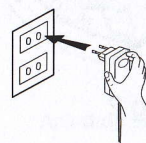


## RECHARGING BATTERY

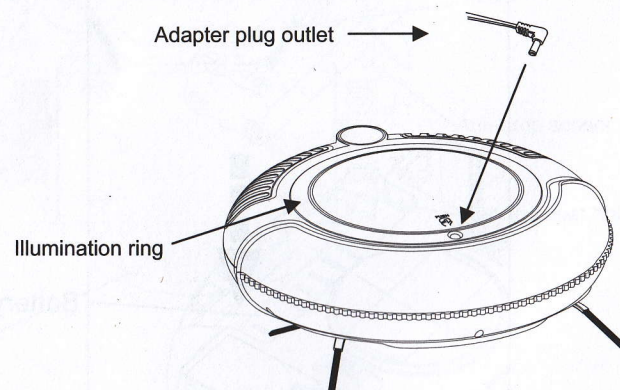
1. Before charging, make sure the battery is correctly installed and keep the power button to off position.
2. When to charge the product, firstly, connect the adapter output into the DC jack, and then plug into power socket of the other end, then blue light will flash in the illumination ring.
3. After fully charged, blue LED will keep on in the illumination ring.
4. When the product runs out of power, LED indicator will keep red light on, it indicate the user to charge the product.
5. To ensure the best performance and life span of the battery, please charge the product for 4hrs continuously. After fully charged for 4hrs, blue LED will keep on in the illumination ring. Since the LED indicators light color is depended on its timing, if there is power cut off during charging, when recharge the product, it will always timing from zero automatically. Therefore, if the product has charged for 4hrs in total, it can be used to do cleaning work.

### Note:

Before charging, make sure the power button is on off position, otherwise the LED will keep on red to remind user to power off it. If the product is charged with power on, it can only be started to work after fully charged with re-set the product.



Adapter plug



## GENERAL OPERATION

### Starting Operation

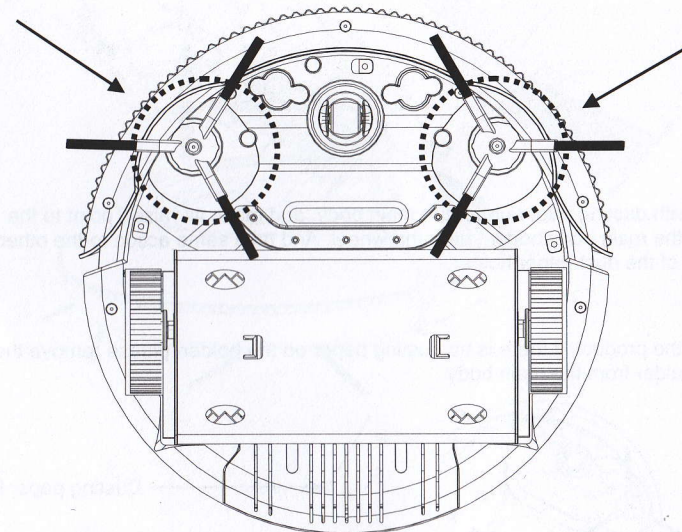
1. Before operation, empty the dust bin and install the filter properly.
2. Place the product in a room with much free space, and then power on it to do cleaning work.
3. When the product runs out of power, the LED indicator in the illumination ring will keep on red, the product will stop working.
4. Turn off the power switch when the product is not to be used or going to be charged.

### Note:

- \* Remove the dusting paper holder and side brushes before using the product on the carpet, just to avoid wearing these parts.
- \* This product is not suitable for long-pile carpets.

## SIDE BRUSH INSTALLATION

Use the accessories of screw driver and screws to lock the side brushes to its position as shown in the picture.

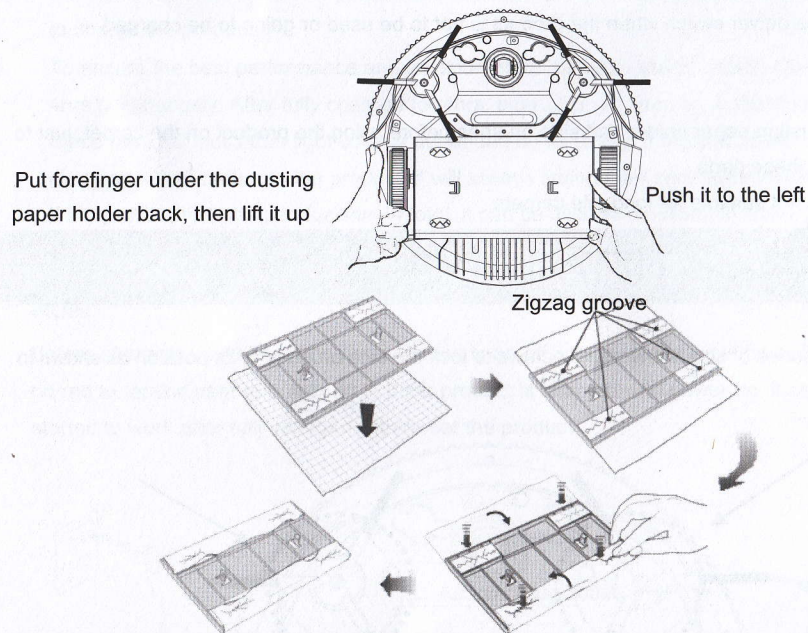




## USING DUSTING PAPER

Insert the accessory of dusting paper (expendables) into the grip slot of the dusting paper holder, and then assemble it on the product main body bottom.

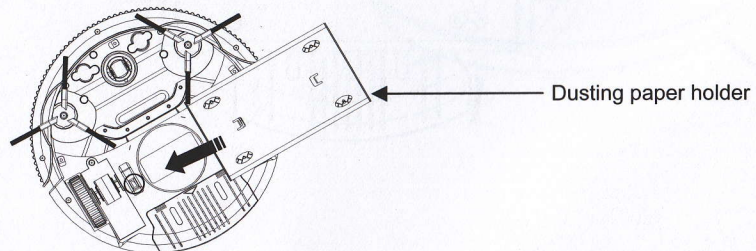
1. Disassemble the dusting paper holder as shown in below picture.
2. Flat the dusting paper on clean floor or desk.
3. Put the holder on the dusting paper with contact on the smooth side.
4. Fold back the dusting paper one edge into the zigzag clip of the dusting paper holder.
5. Strain the other edge of the dusting paper and fold back it the same as above.



Put the holder with dusting paper under the main body, and make its raised point to the concave clip of the main body bottom near the wheel. And take same action to the other side to finish assembly of the dust paper holder.

### Note:

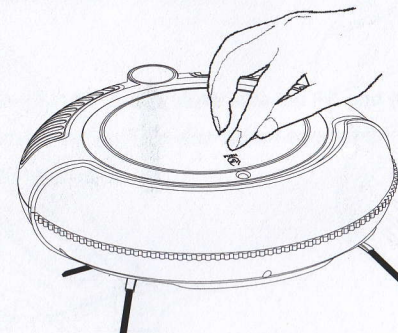
Before operate the product, if there is no dusting paper on the holder, please remove the dusting paper holder from the main body.



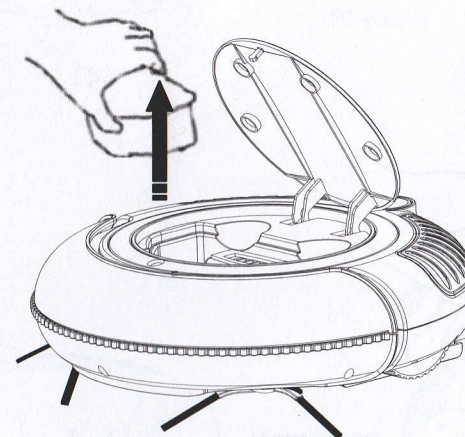
## CLEANING AND MAINTENANCE

### Cleaning Dust Bin

1. Open the upper cover by pressing the button as shown in the picture.
2. Put your finger into the dust bin groove and grip to take it out.



(1)

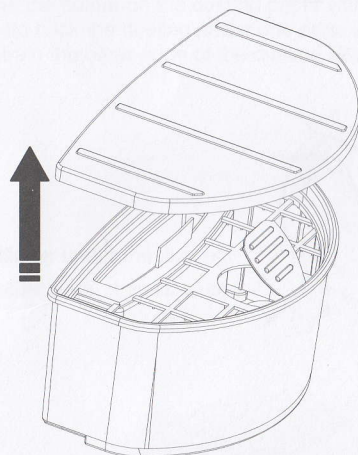


(2)

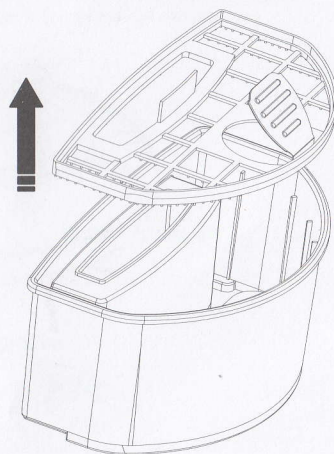


## CLEANING AND MAINTENANCE

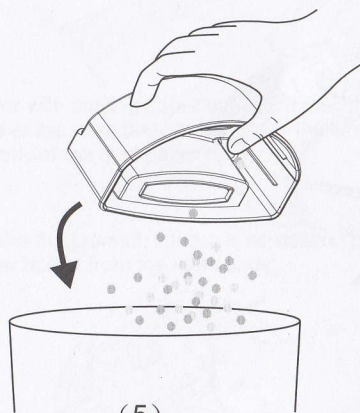
3. Open the lid of dust bin.
4. Take out the inner filter.
5. Empty the dirt in the dust bin.



(3)



(4)



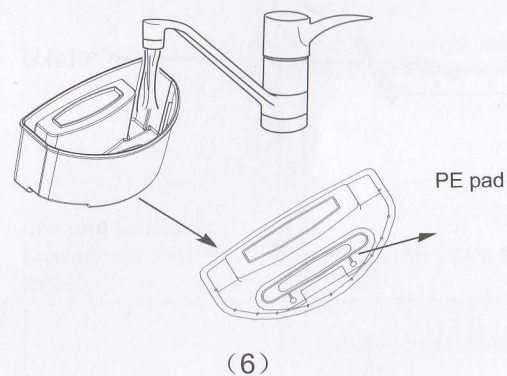
(5)

## CLEANING AND MAINTENANCE

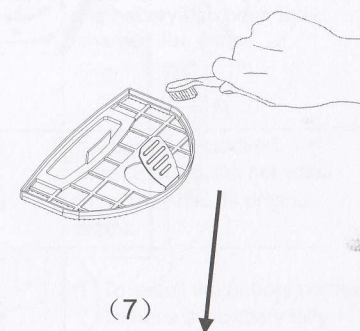
6. Rinse the dust bin with tap water. Do not wash it in washing machine, dish-washing machine or other machine.
7. Periodically clean the filter with a soft bristle brush.
8. Once dry, reinstall the filter and the dust bin lid.
9. Put back the dust bin into the cleaner.

### NOTE:

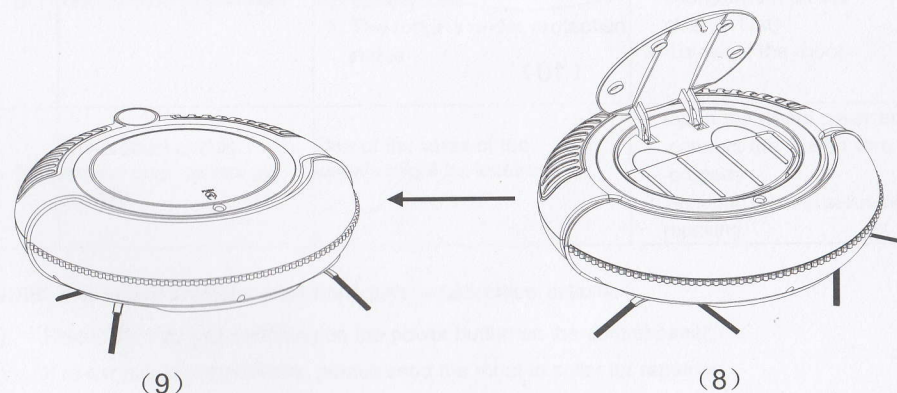
Before put back the dust bin, please make sure the PE pad (function as non-return valve) in the dust bin is well located. Recheck the filter also before operate the product. If operate the product without filter, it might cause malfunction.



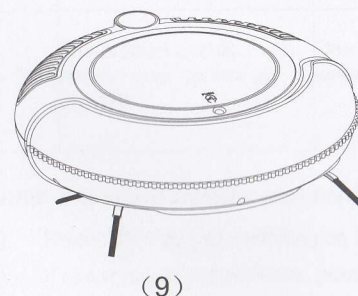
(6)



(7)



(8)



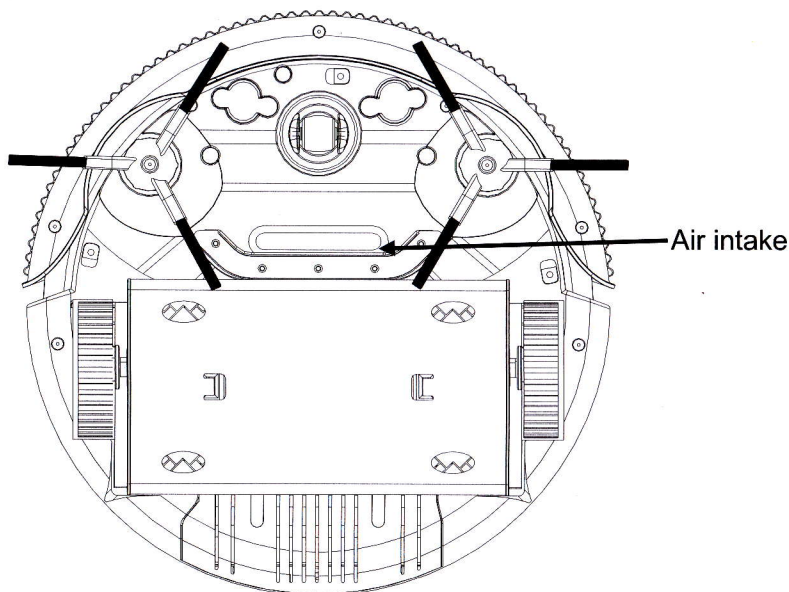
(9)

## CLEANING AND MAINTENANCE

### Cleaning intake

After repeated use for some time, dirt and dust might accumulate around the intake of the product, to ensure its best cleaning efficiency and constant airflow it should be cleaned periodically.

1. Power off the main body.
2. Clean up the dirt and dust at the intake.



(10)

## TROUBLESHOOTING

	Problem	Possible Cause	Solution
1	Red LED stays after power on	1. Battery Low condition 2. Main body is picked up	1. Recharge the battery 2. Re-place the robot on the floor
2	Vacuum on but can not collect dirt and hair	1. The dust bin is full 2. The filter is not installed correctly	1. Clean the dust bin 2. Re-install the filter correctly
3	The product is moving backwards after being started	1. The product is on dark color floor 2. Anti-drop sensor light was	1. Put the robot on light color floor. 2. Clean anti-drop sensor light.
4	LED indicators flash in blue after 4hrs charging	Power supply might been cut off during charging	The robot can be operated if the battery has been fully charged for 4hrs
5	The side brushes crooked, not good to sweep	Being used for a long time	If it becomes crooked, please scald it in hot water to recover it to its original shape
6	The product cannot start	1. Battery is not installed properly 2. Battery low 3. The robot is under protection status	1. To install the battery correctly 2. To have the battery fully charged(turn off the cleaner first) 3. To re-set the robot
7	The product circles around only, cannot go straight	One of the wires of the wheels might be loosened	1. Open the wheel cover and connect the loosen wire properly 2. Send the robot to seller for repairing

**Note:** If all above solutions don't work, please take below actions:

- 1) Re-set the robot by switching on the power button on the control panel;
- 2) If re-set action doesn't work, please send the robot to seller for repairing.