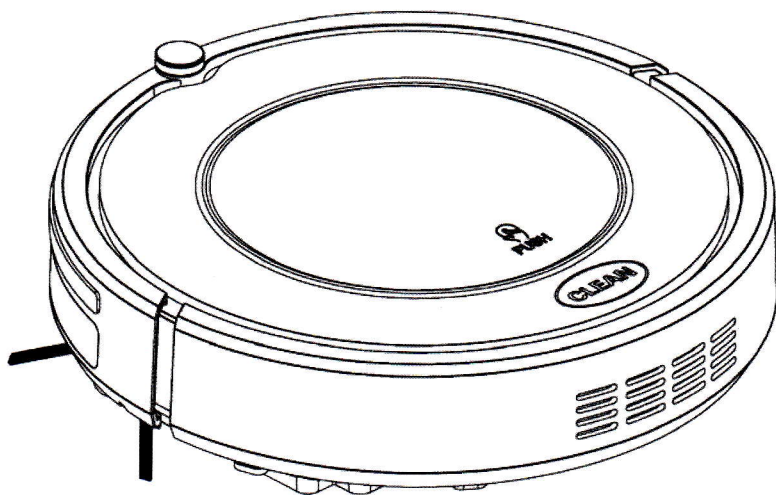


# Intelligent Vacuum Cleaner

Model:

## User Manual



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## Safety Instructions

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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.
- Keep this user manual in your sight.
- Any operation not following the instructions in this user manual may lead to harm to human or this product.

## Safety Instructions

1. Only authorized technicians can disassemble the product. Users are not allowed to disassemble or repair the product.
2. Only use the original battery and power adapter of the product for charging. Using other un-matched adapter may cause electric shock, fire or product damage.
3. Do not touch the power cord, plug or adapter with wet hands.
4. Before starting the product, make sure the dust bin filter is properly installed.
5. Do not use this product in wet or moist environment (any environment with liquid), e.g. Bathroom or laundry.
6. 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 that 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.)
7. 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.
8. Only use the product indoors, do not use it outdoors.
9. Do not let this product get close to cigarette, lighter, match or any flammables.
10. Never use the product to clean up combustible or highly volatile liquids such as gasoline.
11. If the product needs cleaning, do not clean it while charging.
12. Do not over-bend the power cord or pressure the power cord with heavy or sharp objects.
13. Do not place this product where it is easy to drop off (tables, chairs, etc).
14. In case that the product is malfunctioning or damaged by external force, please contact the seller for repairing.
15. Turn off the power switch during transportation or when you don't need to use this product for a long time.
16. To avoid tripping, inform all the people in the house when this product is working.
17. Before use, check whether adapter and outlet are properly connected.
18. When dust bin is full, empty it before use.
19. Use this product in temperature from 0℃ to 40℃.
20. Do not use this product in high-temperature environment or under baking sunlight for a long time.
21. The battery must be removed from the product before it is scrapped.
22. The battery should be disposed of properly for safety sake.

### Warning:

The appliance is not intended for use by people (including children) with reduced physical, sensory or mental capabilities, or these who lack of experience and knowledge about electrical appliances, unless they have been given supervision or instruction.

## Product Features

### Powerful Suction, Intelligent Suction Adjustment

#### Powerful Suction

With strong suction power, the product possesses superb cleaning capabilities—even tiny dust on the floor will be thoroughly cleaned.

#### Intelligent Suction power Adjustment

This product is able to automatically adjust its suction power when different floor environments are detected. Not only it makes cleaning more efficiently, but also it helps to save more power.

### Considerate Design

#### Easy step-by-step operation

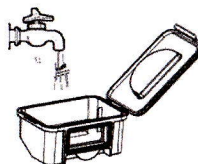
By pressing only one button "  ", you could easily direct the robot!



### Dust bin is washable

Dust bin could be washed directly by tap water.

Simply wash dust bin under tap water per use to avoid dust blowing to the air and cause a second pollution!

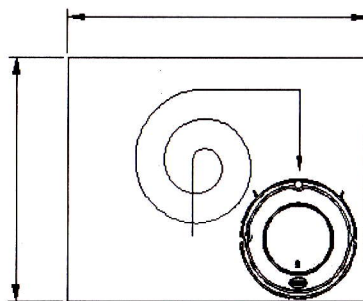


### Various Cleaning Modes

Four cleaning modes are provided to meet your needs.

#### 1. Auto cleaning mode

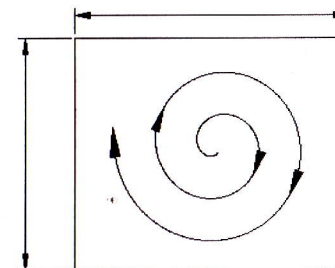
The robot will clean a room automatically and adjust its cleaning mode according to the environment.



## Product Features

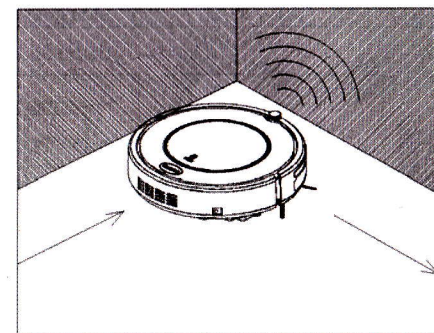
#### 2. Spot cleaning mode

When the robot detects a dirtier area, it will activate the spot cleaning mode, which will clean in a spiral way.



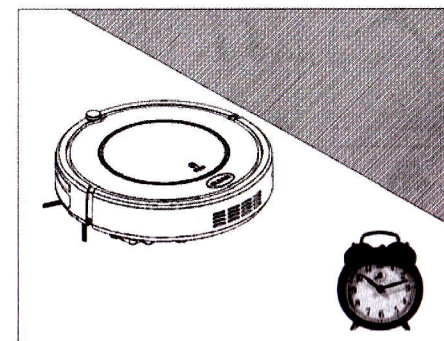
#### 3. Edge cleaning model

When the robot detects that it is along the wall, it will activate the edge cleaning mode.



#### 4. Scheduling mode

User can schedule the robot cleaning time as they want. When a certain time is scheduled, the robot will leave the charging home base and start working at the scheduled time.

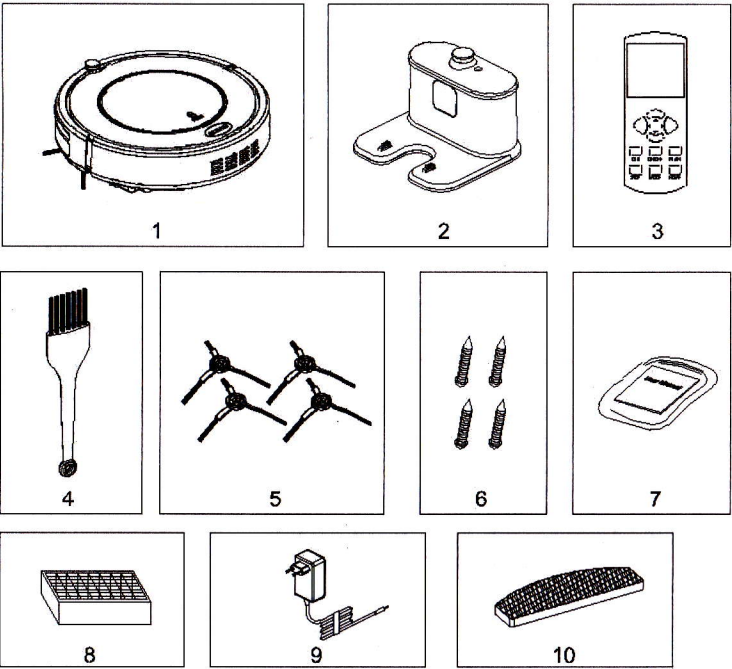




# Product Components

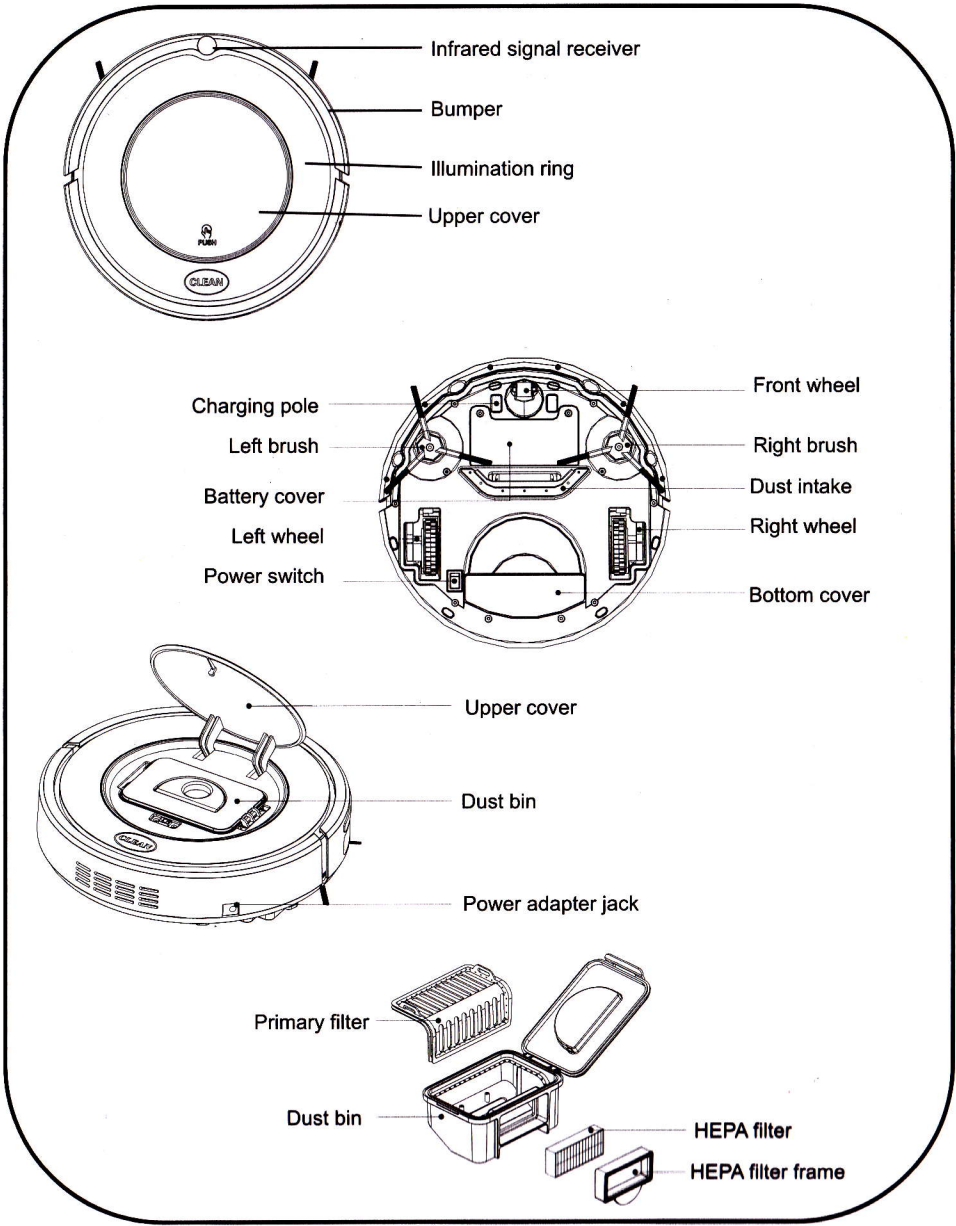
## Main body and accessories

No.	Description	Quantity
1	Main Body	1
2	Charging Home Base	1
3	Remote Controller (without battery)	1
4	Cleaning Tool (help to clean the robot)	1
5	Side Brushes	4
6	Screws for Side Brushes	4
7	User Manual	1
8	HEPA Filter	2
9	Power Adapter	1
10	Mopping Cloth	1



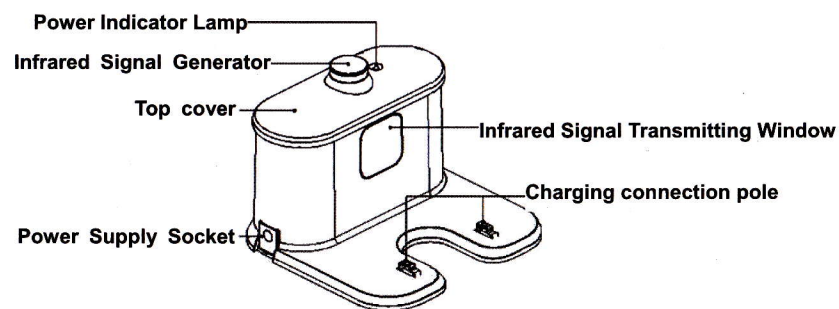
# Product Components

## Robot anatomy



## Product Components

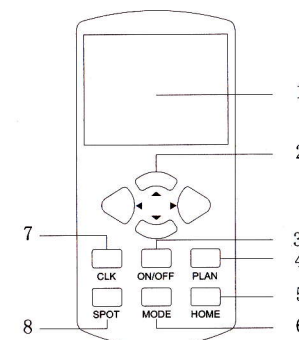
### Charging home base



## Product Components

### Remote Controller

1. Display
2. Directional buttons
3. Power on/off
4. Scheduling button
5. Auto charging
6. Cleaning mode
7. Clock set up
8. Spot cleaning



You could use the remote like your TV remote. Firstly, to switch on robot, then point it towards the robot to operate it.

Remote time setting: press CLK button for seconds, then you can press direction buttons to set up time. After time selected, press CLK again to save the time and then it will show the right synched time.

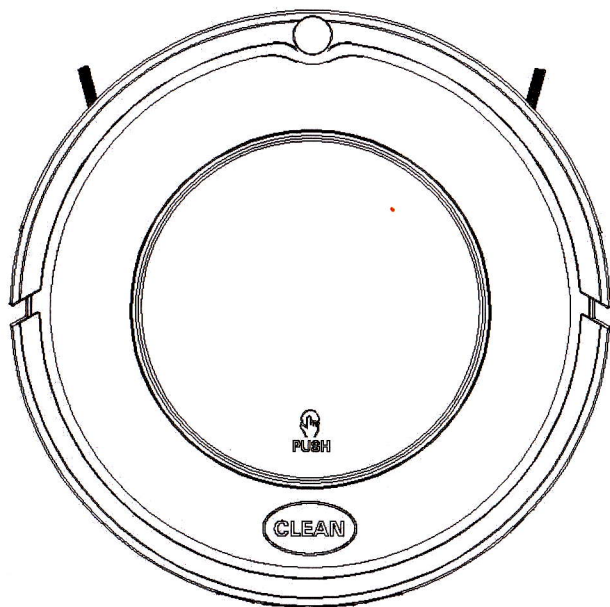
Cleaning function: press ON/OFF button; Sleep function: press ON/OFF button for seconds (robot will stop work and, it goes into sleep mode 30s later); Spot cleaning: press SPOT button; Cleaning mode selection: press MODE button; Scheduling function: press PLAN button to set up it and for details operation please see Scheduling Cleaning section; Auto charging: press HOME button, robot will stop work and charging automatically; By pressing direction button, the robot will change its cleaning direction.

#### Note:

- \* Please install two AAA type batteries into the remote before use.
- \* If the remote controller of the robot is used around the charging home base, those commands given above might not work properly because of signal interference.
- \* If remote controller is not in use for a long time, please take out its battery.

## Product Components

Display panel



### **CLEAN** Cleaning button part

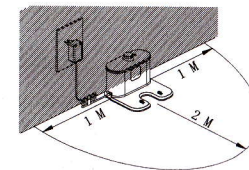
- A. Switch on the robot, CLEAN button indicator will gradually show blue color ;
- B. Touch CLEAN button, the robot will beep once and the indicator will turn blue;
- C. The indicator will change its color and the robot will keep beeping when there happens malfunction during work;
- D. The indicator will flash in red and the robot will have one beep when the robot with low power;
- E. During charging, CLEAN button indicator will get red gradually;
- F. After fully charged, the robot will have 3~5 beeps and CLEAN button indicator will turn blue;
- G. After scheduling the robot successfully, CLEAN button indicator will be pink.

## Product Operation

### Battery Charging

1. Place charging home base against the wall, plug in adapter, and signal light on charging home base will flash.

Note: Put charging home base against the wall and remove obstacles about 1 meter distance at two sides and 2 meters ahead.



2. Turn on the power switch on the bottom side of the robot, and then display indicator will be in gradual blue, the robot is in standby.

(If no command received, the robot will turn to sleeping mode after 20 seconds.)

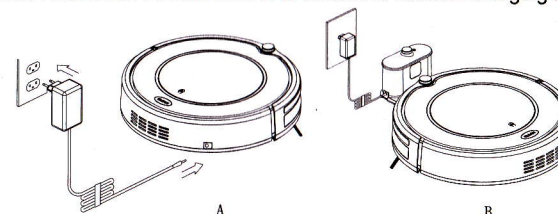
Note: A. Please always keep the power switch turning on. If not, it is unable to make the robot work.

B. If power switch is turned off, all the scheduled operation will be lost.

C. Before charging the robot, please make sure the power switch is turned on, or else the robot can not be charged.

3. Charge the robot in either way as shown below:

- A. Plug the adapter into the robot and the other end to the power socket as below on the left;
- B. Press HOME button on remote control to direct the robot to charging home base for charging.



Note:

- A. Make sure the power switch at the bottom side of the robot is on before charging. Otherwise, CLEAN button indicator will have red flash and the robot beeps.
  - B. During charging, CLEAN button indicator will be in gradual red.
  - C. It will take 3~4hours for fully charging every time. After fully charged, the robot will have 3~5 beeps.
  - D. For first use, please run out of the power and then fully charge the robot.
  - E. If the robot is not used for long time, fully charge the battery, turn the power switch off, remove the battery and store it in a cool, dry place.
4. Auto charging

The robot will automatically return to charging home base when battery is low.

Note: Keep the home base well connected to the power socket. Otherwise, the robot can not find the home base for charging.

\*This product complies with the EU ERP standard.



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## Product Operation

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### Starting up/Pause/Sleep mode

#### 1. Starting up

A. Power on the switch at bottom side of the robot, and CLEAN button indicator will be in gradual blue.

B. Touch CLEAN on main body or on remote controller to start cleaning. The robot will have one beep, and the CLEAN indicator will get blue.

**Note:** If robot is in sleep mode, press CLEAN button to wake the robot up from sleep mode. Then press CLEAN for a second time, the robot starts cleaning automatically.

#### 2. Pause

To stop the robot temporarily from cleaning:

A. Touch CLEAN button on main body;

B. Or press CLEAN button on remote controller.

**Note:** When robot is paused, press CLEAN to make robot to re-start cleaning.

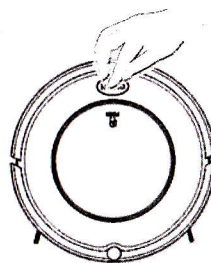
#### 3. Sleep mode

Turn robot into sleep mode, and its display indicator will be in dark (robot in standby, not powered off):

A. The robot will automatically turn to sleep mode if no command received in 30 seconds.

B. Touch CLEAN button on the main body for 3 seconds and it will turn to sleeping mode.

**Note:** If the robot is not in use for a long time, please turn the power switch off.



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## Product Operation

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### Scheduling cleaning

You can schedule the robot to make it start cleaning at a certain time. (Time delay up to 23 hours.)

For example, it's 9:00AM now, you set 6:30 on the remote controller, and then the robot will start cleaning after 6 hours and 30 minutes, i.e. 15:30 PM. Since it's daily scheduling, the robot will start cleaning at 15:30 PM everyday—unless users turn off the power switch on its bottom side.

#### **Note:**

A. The robot will always work at the scheduled time after scheduling confirmed.

B. All scheduling will be cancelled if the robot is turned off.

C. During charging by adapter directly connecting to the robot (charging without home base), robot will not accept scheduling set up.

How to **Schedule** the robot by remote controller:

A. To schedule the robot when it is standby or charging on home base. (Press CLEAN to wake up the robot, or press ON/OFF on the remote to wake up it.)

B. Press PLAN button until the remote displays flashed figure "00:00".

C. Press "▲▲" to set the flashing numbers.

D. Press "◀▶" to switch between hour and minute.

E. After time confirmed, press ON/OFF to save scheduled setting, robot will have one beep, and the CLEAN button will be pink. If the robot has two beeps and the CLEAN button on the robot is blue, scheduled setting is cancelled.

F. Press PLAN button for seconds, it will get back from scheduling setting.

G. To cancel the setting, make the number to "00:00" under scheduling mode.

## Product Operation

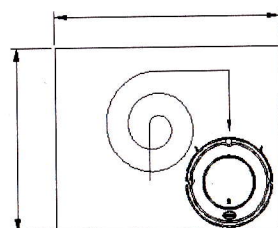
### Cleaning modes

#### 1. Auto cleaning

The robot will clean a room automatically and adjust its cleaning mode according to the environment.

#### Note:

\* Press CLEAN button on remote control or touch CLEAN on robot to start auto cleaning.



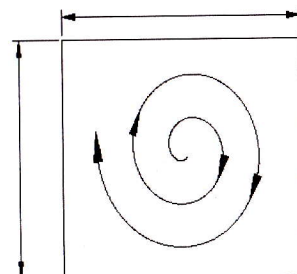
#### 2. Spot cleaning

Under two situations, the robot will activate spot cleaning:

- 1) When it detects a dirtier area;
- 2) Pressing SPOT on the remote to start spot cleaning.

#### Note:

\* It is suggested that users should select spot cleaning mode only around the areas with much dust/dirt. When the robot finished cleaning for the dirtier area, it will automatically stop spot cleaning mode and turn to selected mode.



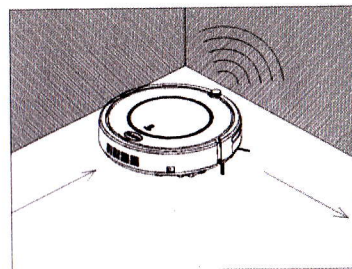
#### 3. Edge cleaning

Switch on the robot, press MODE on the remote and select edge cleaning.

Under edge cleaning mode, the robot will clean along the obstacle by its side brushes.

#### Note:

After switch on the robot, by pressing MODE on the remote to select edge cleaning, and user can press ON/OFF button to stop it.



## Product Maintaining

### 1. Cleaning side brushes

- A. Check side brushes to see whether they're damaged or whether there are foreign matter stuck on the brushes.
- B. Clean the side brushes by tool or cloth.
- C. Replace side brushes if it's damaged. (Take out the side brush by a screw driver, then put a new brush in the same position and fix it by a screw.)

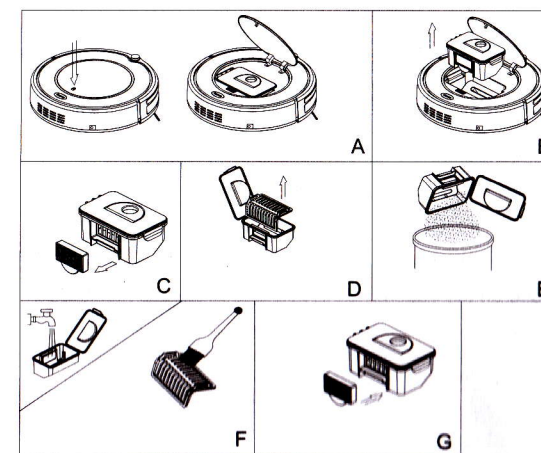
### 2. Cleaning dust bin and filter

Empty dust bin after each use, the procedures are shown in figures below.

- A. Press "PUSH" mark to open the dust bin cover
- B. Take out the dust bin.
- C. Separate HEPA filter first from dust bin.
- D. Pull out dust bin top cover and take out primary filter.
- E. Empty dust bin and wipe the dust.
- F. Wash dust bin and primary filter, clean HEPA with a brush.
- G. Install primary filter and HEPA filter into dust bin, close dust bin cover, and then install it into main body.

#### Note:

- After taking out dust bin, check whether there are foreign matters stuck in dust passage and clean it.
- Wash HEPA filter after 15~30 days use. Life span for HEPA is 24 months.
- After wash HEPA and primary filter, dry them in ventilated & cool place and install them after they are fully dry. Do not dry them under baking sunshine.
- Dust bin and filters (including HEPA and primary filter) could be replaced if needed.

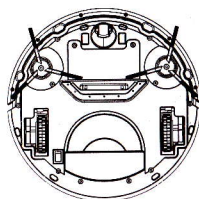




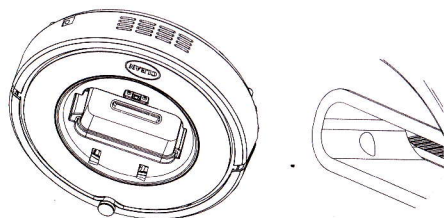
## Product Maintaining

### 3. Cleaning sensors and charging connection pole

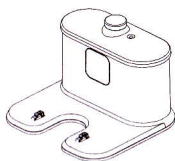
- A. Slightly wipe the sensor window at the robot bottom and auto charging sensors with cleaning tool or a soft dry cloth, as circled below:



- B. Clean suck passage and dust sensor as shown below.



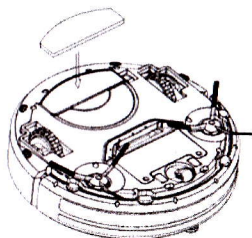
- C. Clean charging connection pole on charging home base.



Note: Do keep the sensors free from water, thinner, etc.

### 4. Mopping cloth

- A. Stick mopping cloth on the bottom of the robot as shown in right figure to mop the floor.
- B. When the mopping cloth is dirty, users can take it away and stick a new one on the bottom.



## Troubleshooting

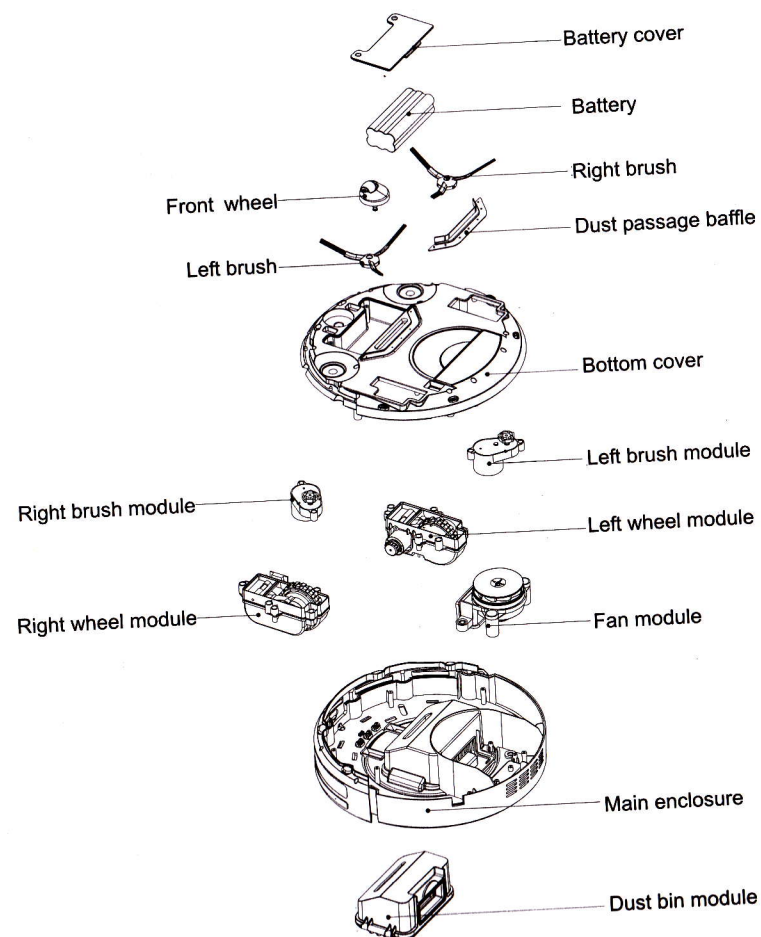
	Problem	Possible Cause	Solution
1	Robot suddenly stop cleaning and indicator keeps in blue	1. Robot was stuck or picked up 2. side brush/wheel was stuck	1. Re-place the robot on the floor 2. Re-start the robot
2	Power on robot, its indicator keeps in blue	1. Charging finished 2. Cliff sensor fault	1. Check if robot is under charging 2. Clean cliff sensor 3. If all the solutions given above don't work out, send it to the seller for repairing
3	Robot does not change direction when it comes up against obstacle	1. Bumper sensor fault	1. Check the sensor to see if it is covered by foreign object
4	LED indicator flashes in red and robot beeps	1. Robot switch might not powered on	1. Switch on the robot
5	Red LED stays on	1. Dust bin full 2. Dust passage get stuck	1. Empty dust bin 2. Clean dust passage
6	LED indicator flashes in red	1. Battery low	1. Fully charge the battery

Note: If all solutions given above don't work for you, please take actions below:

- 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.

## Replaceable modules

Below are replaceable modules:



## Battery Removal

Please follow below procedures:

- Remove the screws on battery cover with a screw driver.
- Pull out the battery cover.
- Grasp the isolated strips at two sides of the battery and pick the battery up.
- Separate the wire connector that links battery and robot.
- Put a new battery into its cabinet and keep the character side facing up.
- Joint the wire connector between battery and robot.
- Check whether wire connector and isolated strips have been placed well.
- Put the battery cover onto battery slot with right direction.
- Lock the screws on battery cover with a driver.

**Note:** Use the same model battery for the robot only; otherwise, if other type battery used, it might cause product damage.

### Product Specification:

Classification	Item	Detail
Mechanical Specifications	Diameter	300mm
	Height	75mm
	Weight	3.0kg
Electrical Specifications	Power voltage	14.4V
	Battery specifications	Ni-MH 1500mAh
Functional Specifications	Dust bin capacity	0.4L
	Charging type	Auto charging/ Manual charging
	Cleaning mode	Auto, Spot, Edge, Daily Schedule
	Charging time	About 200~300 minutes
	Cleaning time	About 90 minutes
Bain Body Button Type		LED touch display

Note: Product storage temperature: -20°C to 50°C.