

 **B6009**  
Robotic Vacuum Cleaner



**CE**

"CE" marking states that the product is compliant to European Directives  
2006/95/CE Low Voltage Directive  
2004/108/EC EMC Directive  
It is possible to request a full copy of Declaration of compliance to the Distributor:  
This product complies with the rules of RoHS Directive(2002/95/CE)  
This product complies with the rules of Eup Directive(2009/1255/CE)







**USER MANUAL**  
WITH MAP NAVIGATION AND MEMORY FUNCTIONS  
MODEL NO.: B6009

## Safety Instructions













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

- ▲ Please read this user manual carefully .
- ▲ Please keep this user manual.
- ▲ Any discrepancy operation with this instruction may cause damage of the product.
- ▲ Our company keeps final explanation rights.

### Warnings

Only a designated technician can disassemble , repair and transform the product. Otherwise it may cause fire, electric shock or personal injury .		Please only use the provided adapter along with the robot. Other adapter may cause electric shock , products damage or fire .	
Please do not touch the high pressure power cord , when your hands are wet .		No overbend power cord or put heavy weight products on it, otherwise it may cause the damage of power cord ,fire or electric shock.	
Please be careful of your cloth and body parts (such as head ,fingers etc.)to be rolled into brush or wheels.		Please do not get close to heat source objects such as cigarettes , lighters , matches and other flammable materials (like gasoline),and let alone gasoline cleaning the machine .	

### Attention

Please turn off the power switch during transporation or long time storage ,otherwise it may damage the battery.		The charger power cord should be plugged tightly , otherwise it may cause electric shock ,short circuit ,smoke or fire .	
Please make sure charger plug into socket firmly ,otherwise it may cause charging stopping ,even fire.		Before first use or reuse after long time storage, please charge 12 hours at least to prolong the battery lifetime, because only fully pass discharging-charging cycle, the battery can achieve the best efficiency.	
Please remove the battery with full charging and put it in a cool place to keep the appliance bottom dry, when you plan stopping using vacuum cleaner for a long time.		Before first use, please remove all vulnerable objects (Such as light-emitting objects, textiles, bottles, etc.) otherwise they may cause themselves damage or affect machine function.	
Please be careful to use vacuum cleaner when the children are present to avoid frightening the children.		Please do not sit or stand on the vacuum cleaner to avoid appliance damage or personal injury.	
Warning: No liquids such as water is permitted to suck up to cause appliance damage.		Please do not use the vacuum cleaner in a small space (such as chairs ,tables ,etc) to avoid appliance damage.	
For indoor use only.		Do not use the vacuum cleaner in a commercial place. Excessive use may cause product damage.	

## Specification

### Charging station Specification

Item	Specification	Remarks
Dimension	length	194mm
	width	147mm
	height	100mm
Input voltage	DC 24V/1A	
Operating temperature range	-10°C~45°C	
Operating humidity	≤85RH	

### Remote control Specification

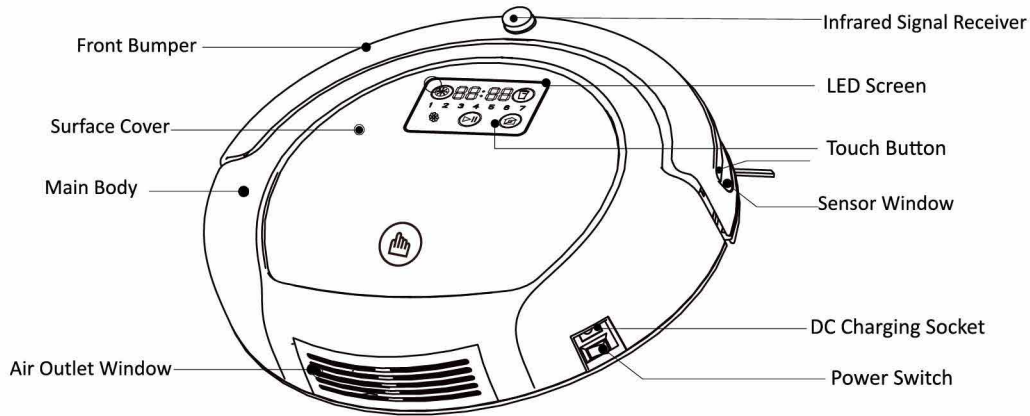
Item	Specification	Remarks
Dimension	length	150mm
	width	38mm
	height	14mm
Operating temperature	-10°C~45°C	
Operating humidity	≤85RH	
Battery	3V(AAA)	
Launching mode	IR	
Transmitting distance	≤4m	

### Virtual Blocker Specification

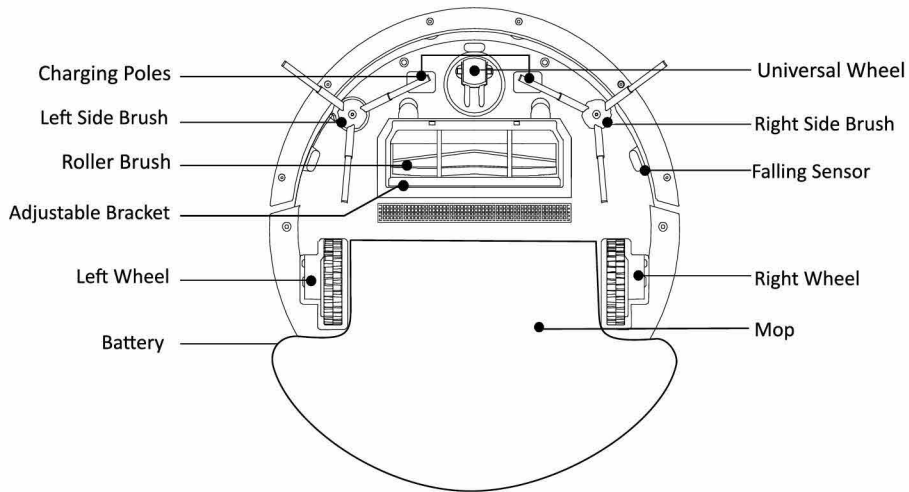
Item	Specification	Remarks
Dimension	length	78mm
	width	64mm
	height	115mm
Operating temperature	-10°C~45°C	
Operating humidity	≤85RH	
Battery	3V(AA)	
Launching mode	IR	
Transmitting distance	≤4m	

## Main Body Structure Introduction

Top



Bottom



## Roller Brush Assembly/Disassembly

### A. Disassembly

- 1.As shown in fig.1,pull the “U” shaped clip on both sides of the cleaning bracket with both index fingers ,and remove the cleaning bracket.
- 2.As shown in fig. 2,pull up the left side of the roller brush and take it out.
- 3.Please clean the roller brush by the provided cleaning brush or by water (Do not install until roller brush is dry).
- 4.As shown in fig. 4,take out the left side fixed accessory of the roller brush ,and clear any obstructions around it.
- 5.As shown in fig. 5, after taking out the fixed accessory of the roller brush, we can pull the hair brush out and clean it.

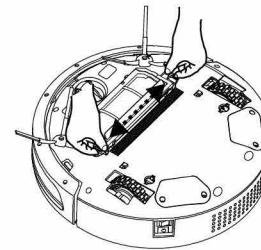


Fig. 1

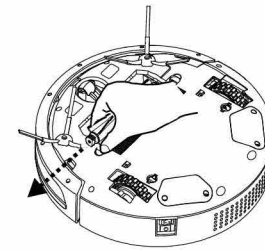


Fig. 2

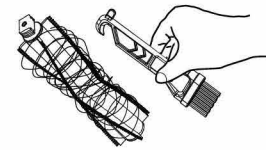


Fig. 3

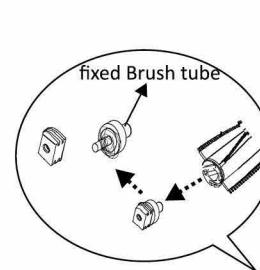


Fig. 4

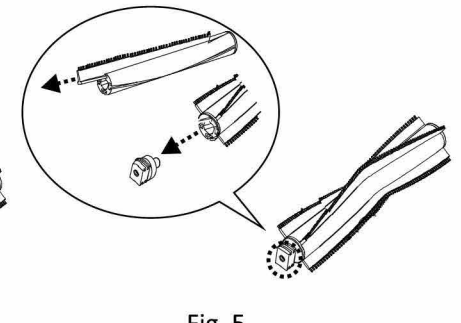
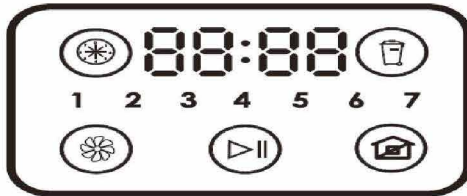


Fig. 5

## LED Panel Instruction



▲ Remark: Before using, please remove the small items or barrier out of the room, especially power cord, which cause twining easily. Robot will automatically stop cleaning and go back to charging base when electricity gets shortage.



### Auto- clean

Just press this button, the robot will plan to clean automatically. It will automatically go back to charging base when electricity gets shortage. Touching any button on the panel stops cleaning.



### Powerful/Low noise

During cleaning, Press button “” to adjust suction power level.





### Recharge button/Home button

Automatically returns to charging base



### Timer for cleaning time setting

Pressing button “” on remote controller, the panel icon “” will be highlighted to preset cleaning time. (Please refer to remote control setting specification on page 11).

## Dustbin Assembly/Disassembly and Cleaning

### 1. Dustbin Assembly/Disassembly

01. Press the push button “” on the panel, the LED panel cover will be opened.

02. Take out the dustbin (fig. 2).

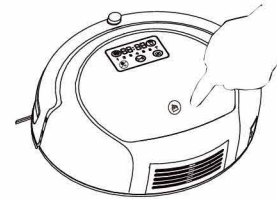


Fig. 1

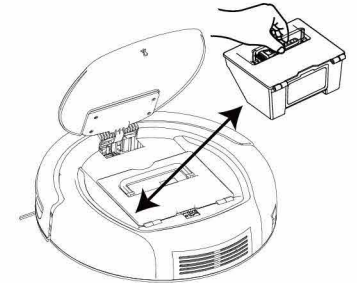


Fig. 2

### 2. Dustbin Cleaning

01. Please open the dust cover, pour out the dirt and other rubbish (fig. 3.4.5).

02. Dustbin box, 3D filter and HEPA filter can be washed by water (fig. 6).



Fig. 3

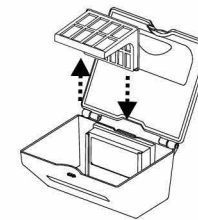


Fig. 4

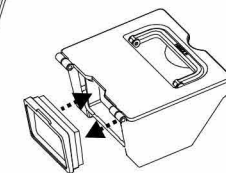


Fig. 5

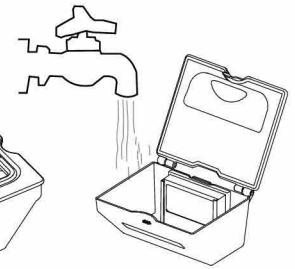


Fig. 6

▲ Attention: After washing dustbin box, please dry dustbin box, 3D filter & HEPA filter before installing them.



## Harmful Substances

### The element and volume of harmful substances

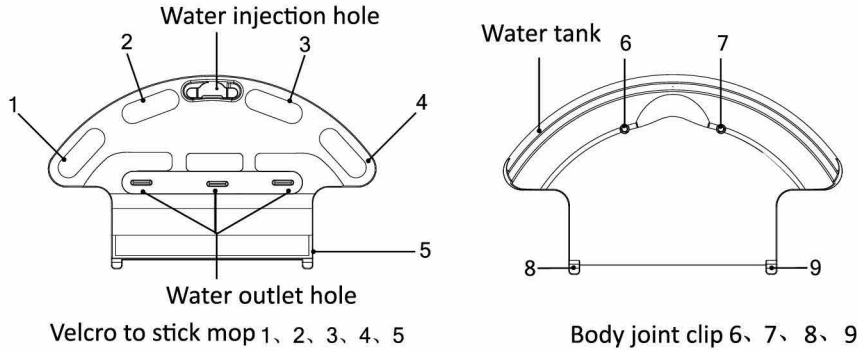
Accessories	Harmful Elements						Valid date (year)
	(Pb)	(Hg)	(Cd)	(Cr <sup>6+</sup> )	(PBB)	(PBDEs)	
Plastic	○	○	○	○	○	○	10
Back bottom	○	○	○	○	○	○	10
LED panel display	○	○	○	○	○	○	10
Nose wheel	○	○	○	○	○	○	10
Side brush & high	○	○	○	○	○	○	10
Density rubber wheels	○	○	○	○	○	○	10
Moto	○	○	○	○	○	○	10
Recharge base	○	○	○	○	○	○	10
Virtual Blocker	○	○	○	○	○	○	10
Suction	○	○	○	○	○	○	10
Switch	○	○	○	○	○	○	10
Dustbin	○	○	○	○	○	○	10
	○	○	○	○	○	○	10

Remarks:  
 Symbol "○" means the harmful element volume below the limitation of standard GB/T 26572-2011

Symbol "▲" means the harmful element volume exceeding the limitation of standard GB/T 26572-2011 but below ROHS regulation.

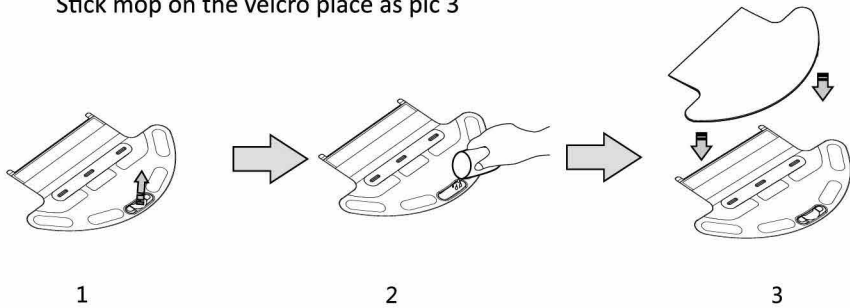
Symbol "X" means the harmful element volume exceeding the limitation of standard GB/T 26572-2011 & ROHS regulation (It's Exemption Term is included).

# Accessory: Water Tank with Mop

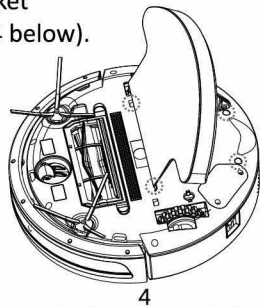


## Mop bracket operation layout

Fill water from water tank bottom as pic 1,2  
Stick mop on the velcro place as pic 3



Align the water tank to the socket and press it properly (picture 4 below).



1. Before water injection, please take the water tank chassis first from the robot then pour water into tank.
2. When assembling the mop chassis, please make sure there is no water on the pad bottom, and cut off the power supply.
3. Please make sure the mop doesn't have too much water to avoid the wheel being slipped.

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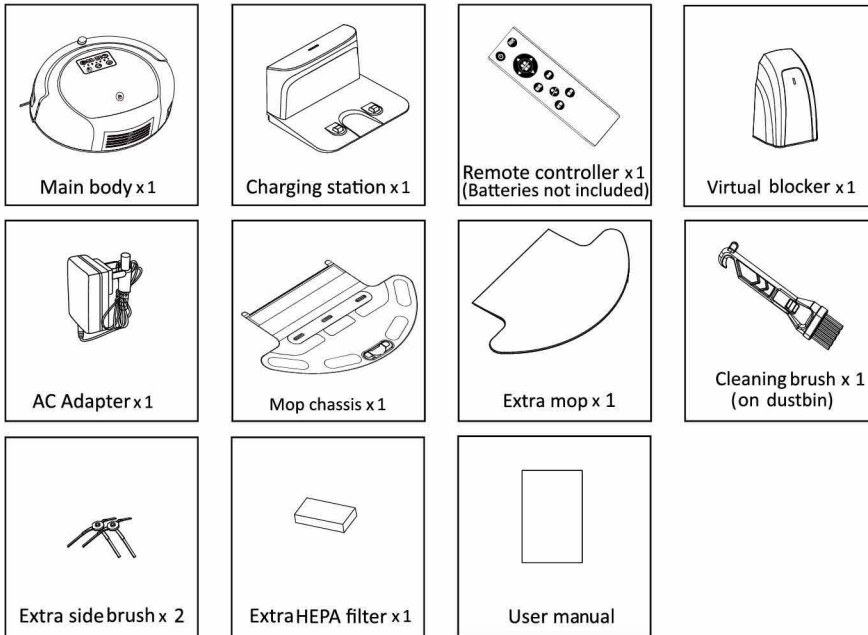
## Product Presentation

This appliance can be used on low/hard carpet , hardwood & ceramic tile of family house, hotel room & office . P.s.: Wet cleaning does not work for carpet.

## Function

Built-in rechargeable battery. It has intelligent features including map navigation, memory, auto cleaning, dust sweeping, wet mopping timer setting, scheduled cleaning, remote control, self-protection, self-charging and UV sterilizing etc.

## Main Body and Accessories



Note: Please be subjected to final products, above pictures are just for your reference.

## Roller Brush Assembly/Disassembly

### B. Assembly

1. Place right side of the roller brush into drive shaft correctly as fig.1.  
(Tips: Rotating the right side of roller brush will be easier to insert it to drive shaft)
2. After finishing roller brush installation , the soft semicircular rubber wiper must be put flat .
3. Align the buckle of the cleaning bracket into the two U-shaped grooves and press down to lock, as shown in fig.3.

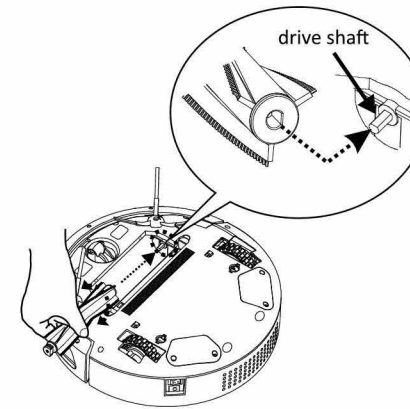


Fig. 1

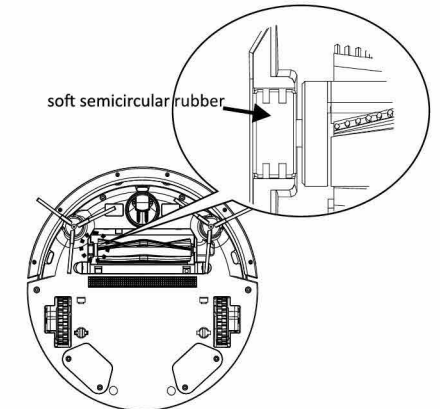


Fig. 2

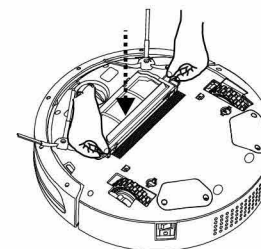


Fig. 3

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## Features

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### 6.Garbage sense

You need to manually clean the dustbin ,when sounds is warning , trash light will be highlighted on the LED display .It means dustbin is full and dust suction port is stuck .

### 7.Humanized design

In the standby mode, tap “ ” button on the robot, the product will automatically run.

### 8.Automatic recharge

Automatically returns to charging base when power is low



## Features

### 1.Intelligent voice prompt

Intelligent voice reminder under charging, glitch , full dustbin, and wheel twining .

### 2.Automatic rubber scraper adjustment

The rubber scraper adjusts itself's height automatically according to different floor where dirt and dust hide.

### 3.3D filter patent

The product has unique 3D filter which prevents suction port stuck efficiently, when the dustbin is nearly full. By using HEPA filter to avoid secondary air pollution. 3D filter and HEPA filter can be directly washed by water. Whole operation is quite simple and convenient.

### 4.Dual mode virtual blocker

Virtual blocker can launch one or two different direction IR,which keep the vacuum cleaning robot in the rooms you want cleaned and out of ones you do not. It is quite suitable for limited area cleaning.

### 5. Powerful suction

Powerful vacuum suction picks up dirt and dust easily

## Troubleshooting/Regular Problem

▲ Noted: If the machine stops working with alert sounds , please check and follow steps as below.

Error Code	Reason	Solution
E001	Left Wheel lifted up	Place robot to a new flat floor
E002	Brush roller is twining	Take it out and clean
E003	Right wheel lifted up	Place robot to a new flat floor
E004	Left wheel is entangled/stuck	Clean it
E005	Right wheel is entangled/stuck	Clean it
E006	Uneven ground	Place robot to a new flat floor
E007	Side brush is twining	Clean it
E008	Speed sensor dysfunction	Install code disc correctly
E009	Collision sensor is stuck	Clean collision detection plate
E010	Long time no collision	Check if front component is failure
E012	Ground sensor is blocked or failure	Clean the ground sensor
E015	Vacuum motor/dust motor is stuck	Clean the motor
E016	Electricity flow more than 3A	Clean the movable accessories
E017	Power switch is off during charging	Please turn it on ,then charge




▲ Noted: If above problems still exist after taking the appropriate troubleshooting measures as above. please contact our after- sale service department.

## Specification parameter

No	Ttem	Specification	Remarks
1	Nominal voltage	14.8V	
2	Power	25W	
3	Operating temperature	-10°C~45°C	
4	Input voltage/current	24V/1A	
5	IR remote control	38KHZ	
6	Dimension	Φ35cmx10cm	
7	Weight	3.3KG	
8	Battery	2000mAh Li-ion battery	
9	Dustbin capacity	1L	

## LED Panel Instruction

### Digital display

- Error codes-for example E001 
- Weekday, hour/minute display, for example 08:28 AM reads 08:28 
- When charging, the display will read as below 


Light Flashes "1", if power is less than 25%.

Light Flashes "11", if power is less than 50%

Light Flashes "111", if power is less than 75%


Light Flashes "1111", if power is more than 75%

Stop flashing reads "1111", if power is more than 90%

"FULL" means full power. 

Weekday displays as **1 2 3 4 5 6 7**

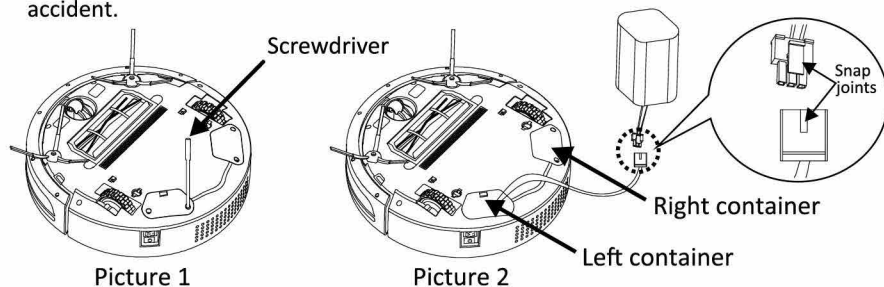
### Spam button instruction

If the icon  turns on, it means that the suction port is stuck, dustbin is full or the sensor is covered by dust.

▲ Remarks: it is recommended to clear the dust on the suction port and sensor when emptying the dustbin.

## Battery installation

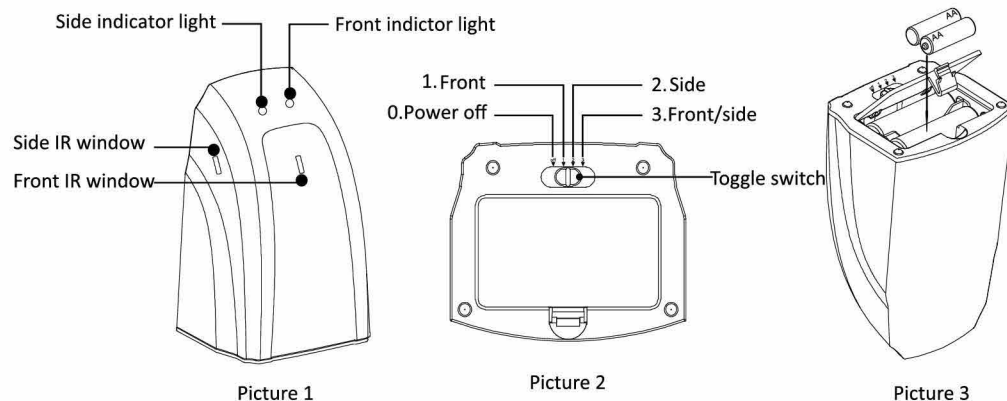
- When installing the battery, Please use a screwdriver to loosen the screws and open the battery pad. (see picture 1)
- When installing the battery, please fasten 2 terminals. (picture 2)
- When machine stops working, please make sure the vacuum robot under charging to keep the best use state of the battery.
- When the machine is not be used for a long time, please charge once per month regularly to keep the best use of the battery.
- Please use the battery from the original factory to avoid appliance damage or accident.





Notes: the left container is for battery; the right container is empty and reserved for future development.


## Virtual Blocker Instructions


### Virtual Blocker Introductions




Pressing button  can turn the virtual blocker off, toggle it's ray direction to front, side or front/side.

Turning button  to position 0 means power off.

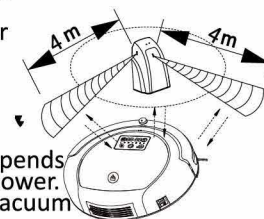
Turning button  to position 1 means power on. The virtual blocker ray direction towards front & working distance is within 4M.

Turning button  to position 2 means power on. The virtual blocker ray direction towards side & working distance is within 4M.

Turning button  to position 3 means power on. The virtual blocker ray towards front & side 2 directions & working distance is within 4M.

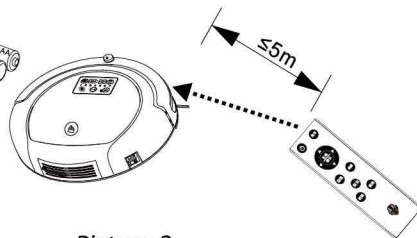
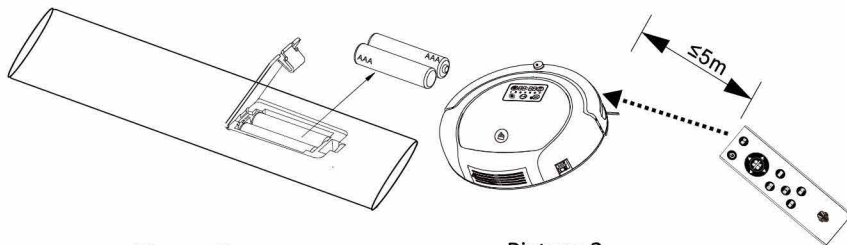
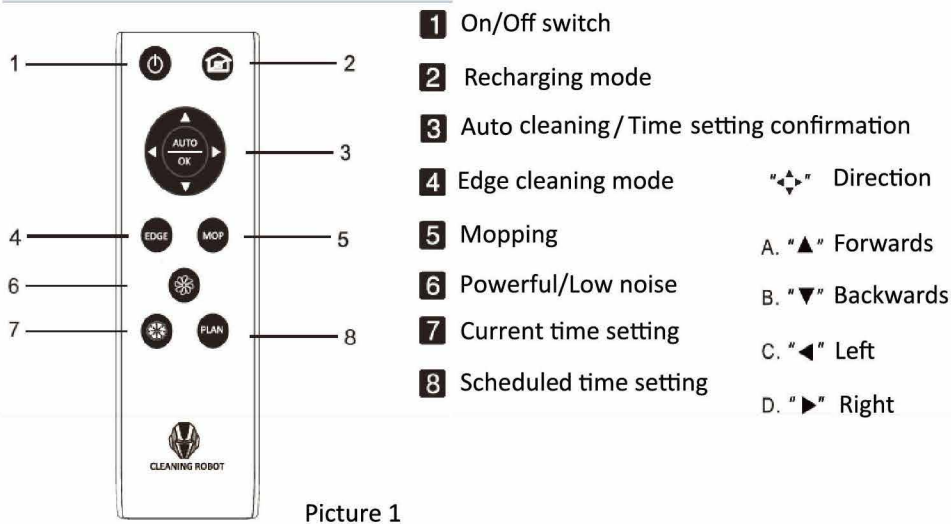
## Virtual Blocker instructions

- Before use, open battery box bottom of the virtual blocker and insert two AA batteries properly according to the instructions  
Remark: Incorrected battery installation may cause operation failures, damages and other accidents.
- The battery duration depends on the emission direction, distance and using time. In order to save battery power, please select the appropriate emission direction and distance. when stopping using virtual blocker, please turn off the power.
- The virtual blocker is generally placed on stairs corner, door corner, or any available place.
- During use, please ensure that the virtual blocker and the vacuum robot are placed on the same floor level, and the front area of the virtual blocker should not be covered to avoid impacting the signal.
- In daily use, the emission distance of the virtual blocker depends on the environment, movement of the cleaner and battery power.
- The virtual blocker distance should be 50cm at least from vacuum robot to avoid interference.
- Please do not focus IR emission on people's eyes.



Picture 4

## Remote Control Instructions



- Remark:1.Place 2 AAA batteries into remote controller.(see picture 2)  
2. please keep remote controller exactly align to IR sensor and keep the distance between remote controller and robot within 5 meters to avoid failure operation.

## Product Operation

### 1.Attention

- \* Please check the cleaning area as below guidelines before vacuum working
- \*Scattered power cord on the ground and other debris may hold & wind products, please be sure to remove before use.
- \* Please work it on fringes- hid carpet or short haired carpet .
- \* Furniture bottom height space less than 10cm may make the robot be stuck . Please lift it up .

### 2.Quick operation

#### a.Charing preparation

- \* Connect AC adapter and charging station
- \* Place the charging station against wall. No any other items 2 meters from front ,1 meter from left & right shall be put and do not place it near any powerful reflection object like a mirror.

#### \* Connect power

#### b.Turn on the main body

- \*Turn the power on, "1" means on, "0" means off.
- \*After finishing cleaning ,please do not shut down the machine but keep it in charge state for good working next time.

#### c. Charging

- \*Put the main body to the charging station and make sure it is on charging sensor .
- \*Main body panel light flashing means under charging .If display reads FULL, it means charging completed .
- \*Before first use, please charge it more than 12 hours continuously .

#### d. Pause work

- \*Press the cleaning button "▶||" on the display panel or the cleaning button "AUTO OK" on the remote control to suspend work .

### 3.Cleaning modes

#### a.Automatic cleaning mode

- Short pressing button "▶||" on LED panel or button "AUTO OK" on remote control , the machine will clean room automatically & adjust route according to different floor environment .After cleaning ,the robot will automatically return to charging station for charging.

#### b.Mopping

- Pressing button "MOP"on remote control, the robot will mop only,the central brush and fan will stop working.

#### c. Edge cleaning

- Press button "◻" on remote control, the cleaner will clean the edge accordingly.

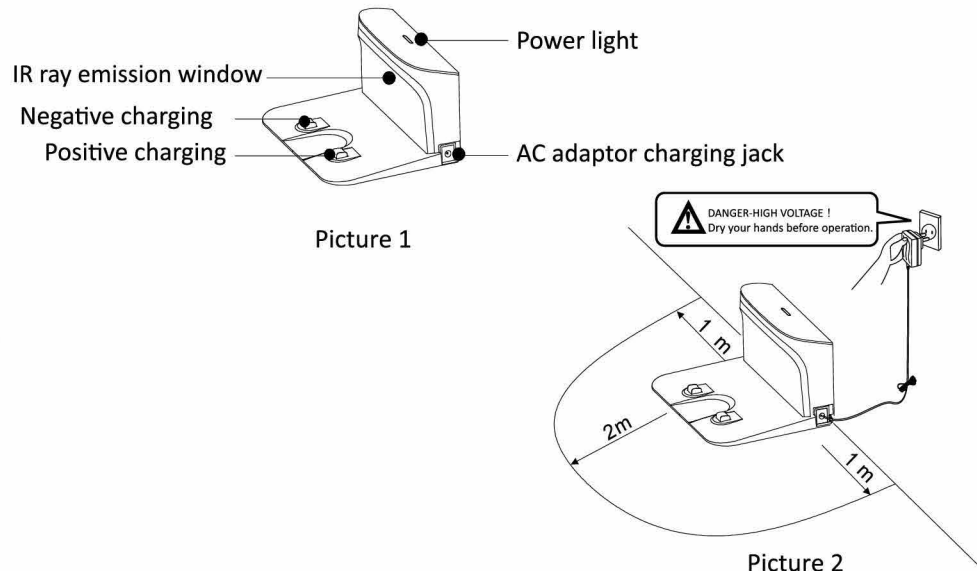
#### d.Automatically recharge

- Pressing button "⏪" on remote controller or machine on low power, the cleaner will return to the charging station for charging automatically.



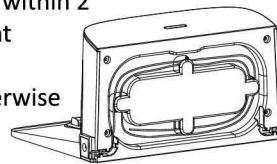
## Charging Station Instructions

### Charging station introduction



### Charging station instructions.

1. Place the charging station on a flat surface against wall .
2. No obstacles & rough area shall be existed within 2 meters in the front of & 1 meter to left & right of charging base.
3. Please keep IR emitting surface clear , otherwise the main body may have trouble in finding the dock.
4. Ensure DC- power cord is tidy , otherwise the main body may have trouble in finding the dock.(picture 3)



Picture 3

## Current/Scheduled Time Setting on Remote Control

### 5. Current Time Setting

#### A. Week setting

In standby mode, Press button " " to enter current week setting. Press "◀", "▶" to switch from Monday to Sunday. Press "OK" to save current week and enter current hour/minute setting .

#### B. Hour/minute setting

After setting the week , press "ok" to continue hour/minute setting. Press "◀", "▶" to switch between hour and minute. Press "▲" to increase the time and press "▼" to decrease the time. Press "ok" to save the current hour and minute setting and enter standby mode.

### 6. Scheduled time setting

#### A. Week setting

In standby mode , press button "PLAN" to enter scheduled weekday setting. Press "◀", "▶" to switch from Monday to Sunday. Press "▲" to select weekday and it will be highlighted ; Press "▼" to cancel weekday selection and the next day digit flashes. Press "OK" to save scheduled weekdays and enter scheduled hour/minute setting.

#### B. Hour/minute setting

After setting the scheduled weekdays, press "OK" to enter scheduled hour/minute setting . Press "◀", "▶" to switch between hour and minute. Press "▲" to increase the time and press "▼" to decrease the time. Press "OK" to save the scheduled hour and minute setting and enter standby mode.

### 7. Scheduled time cancelling

In standby mode press button "PLAN" to enter scheduled time setting. Press "◀", "▶" to switch from Monday to Sunday, press "▼" to cancel scheduled weekdays. Press "OK" to save the scheduled weekdays cancellation and enter scheduled hour/minute setting, then press "OK" to cancel scheduled time. The "PLAN" icon (PLAN) indicator on LED screen of the robot goes off after successful cancellation.

Notes: after any setting, you can press power button " " to exit and enter standby mode.