



USER MANUAL

# BLUEBOT XSMART ROBOT VACUUM CLEANER

BPK-VCBB1XS



*Enjoy it.*

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## Safety Instructions

Before using this product, please read the safety instructions and follow all regular safety precautions. Warranty service is not applicable to any damage caused by violation of instructions. BLAUPUNKT BLUEBOT XSMART robot is a sophisticated product that is restricted for indoor cleaning only. DO NOT use the robot non-cleaning purpose. Please refer to user manual.

### Warning Sign



#### Dangerous

It indicates that any violations of instruction or improper operation is likely to cause casualties or precautions severe injuries.



#### Caution

It indicates that any violations of instruction or improper operation is probably to cause casualties or severe injuries.



#### Notice

It indicates that any violations of instruction or improper operation is probably to cause injuries to people and damage to property.

### Graphic and Sign explanation



⊘ It indicates prohibited behavior. Detailed content refer to the sign or the explanation the sign.



● It indicates enforcement behavior. Detailed content refer to the sign or the explanation the sign.



△ It indicates attention (including warning) content. Detailed content refer to the sign or the explanation of the sign.

\*1. Possible Severe injuries: Blindness, Burns, Electricity injury, Fracture, Poisoning and other severe injuries that lead to long-term hospitalization.


\*2. Possible Injuries: Burns and electricity would that does not require hospitalization.

\*3. Possible Property Damage: Damage to furniture, valuable objects and injuries to pets.


## Safety Instructions

### ■ Safety Instructions of Product, Charging dock, wall, power adapter and other accessories.


#### Warning

- 


No Disassembling

Only authorized technicians can disassemble the product. Users are not allowed to disassemble, repair or modify the product. Otherwise it may possibly cause electric shock, malfunction and leading to injuries.
- 


Prohibited

Prohibit dismantling battery case  
Dismantling battery case may cause damage or leakage of battery that leads to fire or explosion.
- 


Prohibited

Prohibit using metal or other conducting substance to connect battery positive negative ends. It will lead to short circuit and explosion.
- 


Prohibited

Do not use power adapter with AC converter. Otherwise it may lead to over heated, malfunction or fire.
- 


Clean Dirt

When there are dust accumulations on the metal terminals of the power plug and surrounding, be sure to clean the dust with dry cloth. Otherwise it may lead to electric shock, over temperature or fire.
- 

Alternating Current

The adapter must use an alternating voltage from 100-240 Vac. Please plug in the socket correctly and avoid children's touch.
- 

Prohibited

Only use the original power adapter. It may cause danger.
- 

Prohibited

Do not destroy or modify the power cord and do not over-bend, heat, and over-pull or press the inflexible cord with heavy objects. Otherwise it will cause damage to cord and lead to fire or electric shock.



Never use the product under environment with volatile substance to avoid the possibility of fire and danger.



This product is a sophisticated machine for indoor use only.



Do not leave the product to children without supervision. Otherwise it may cause injury.



Do not use this product under flammable or combustible environment. Use this product under propane gas, gasoline and other flammable gas, dust environment; it will lead to explosion or fire.



Do not wash and do not leave this product in wet or moisture environment.  
Do not wash main body, charging device and virtual wall. Washing or soaking will cause internal short circuit.



Do not sit on top of this product.  
Do not allow adults, children or animals to sit on this product to avoid damage to the product or falling down.



To avoid stumbling, all people in the house should be noticed when this product is on. Do not touch the wheels or roller brush while product in operation to avoid being stumbled by the machine, especially children.

#### Notice



Do not touch the power cord, plug or adapter with wet hands. Otherwise, it may cause electric shock.

## Safety Instructions



Turn off power

Turn off the power switch when you don't need to use this product for long time. Battery leakage may cause fire, injury or pollution to environment. Cut off power source when using power adapter and disconnect the plug from socket. Other- wise, it may cause fire.



Prohibited

Do not have the product covered or wrapped while using.



Prohibited

This product is for indoor use only, Do not use this product to clean bathroom, warehouse, factory and bed etc.



Prohibited

Air Outlet  
Put screwdriver or other sharp objects into air outlet will damage this product.



Prohibited

Do not wash this product.



Prohibited

Only dust bin, filters are washable.  
Do not wash other parts of this product. Put dust bin, filters back to main body when dry up. Do not expose the product under the sun.

## ■ Charging Notice

### Danger



Prohibited

Use dedicated battery and charging base only.  
Use other batteries or docking station will cause leakage, overheating and explosion.



No Disassembling

Unplug when not using the product to avoid short circuit.  
Do not disassemble the battery, otherwise, it will cause leakage, overheating and explosion.



Prohibited

Do not keep necklace, hairpin and other metal materials together with this product during transportation.



Prohibited

Do not throw the battery into fire or heat the battery.

### Attention



Prohibited

When there is overheating during charging, stop using this product immediately.



To extend battery's life, take out the battery and put it in cool and dry place when not using it.



Do not immerse or wash this product.



Do not use this product when there is signs of unusual (change of color or shape).



The battery must be insulated with tapes when recycling or disposal. Contact with other metal will lead to heating, burst or fire. Bring the used battery to technical service center with authorized re-seller for disposal. Or dispose the battery according to local laws.

## Safety Instructions

### Warning



Prohibited

Do not keep necklace, hairpin and other metal materials together with this product during transportation.



Prohibited

Do not charge this battery on other devices  
This chargeable battery is designed for this smart robot only.



Prohibited

Do not put the battery back to main body or charge it when deformation, swelling and electrolyte leakage are found from battery case.



Prohibited

Wash off the battery leakage immediately with clean water when there is contact with skin or clothes. No measures taken will lead to skin inflammation. Do not crash throw the battery.

It's not allowed to copy, publish or record this user manual and related material in any searchable media or translate to any other languages without our written authorization.

We have made our best efforts to make sure the precision and completeness of this user manual. Any mistakes or omission are found, we sincerely thank you for giving us feedback through your local agent.

## Product Features


This is an outstanding and extraordinary automatic cleaning robot which is well equipped with not only cleaning function, double side brushes, strong vacuuming suction, but also with interchangeable roller brush kit and vacuum suction kit.

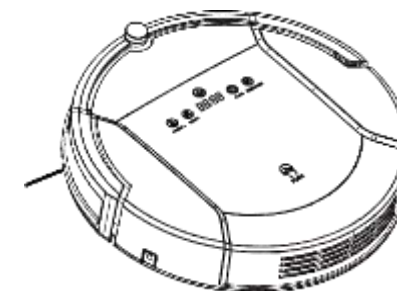
### Intelligent Suction Adjustment

This product is able to automatically adjust its suction power when different floor environments are detected. This ability not only makes cleaning more efficient, but also helps to save more power(up to 30%)

### User Friendly Design

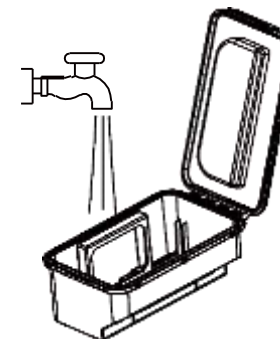
Operation is simple and easy.

start the robot by touch  button.



### Washable Dust bin

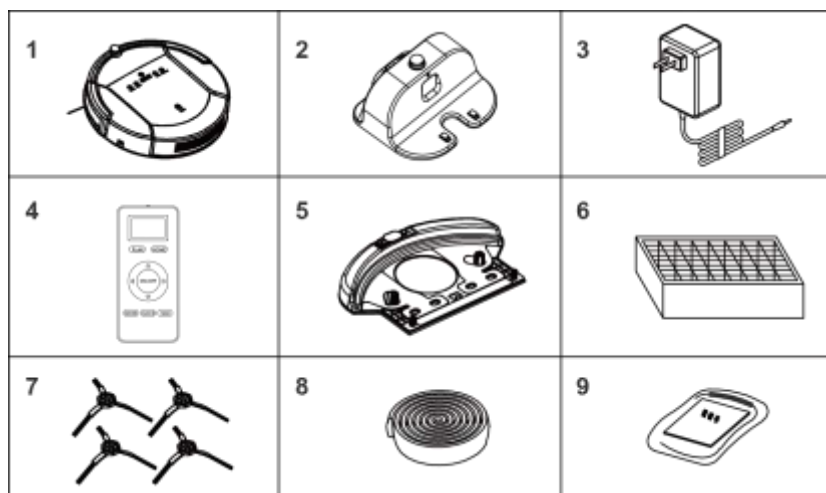
Dust bin and filters can be washed by water. Simply wash dust bin under water after use to avoid dust blowing in the air to cause a second pollution!



## Product Components

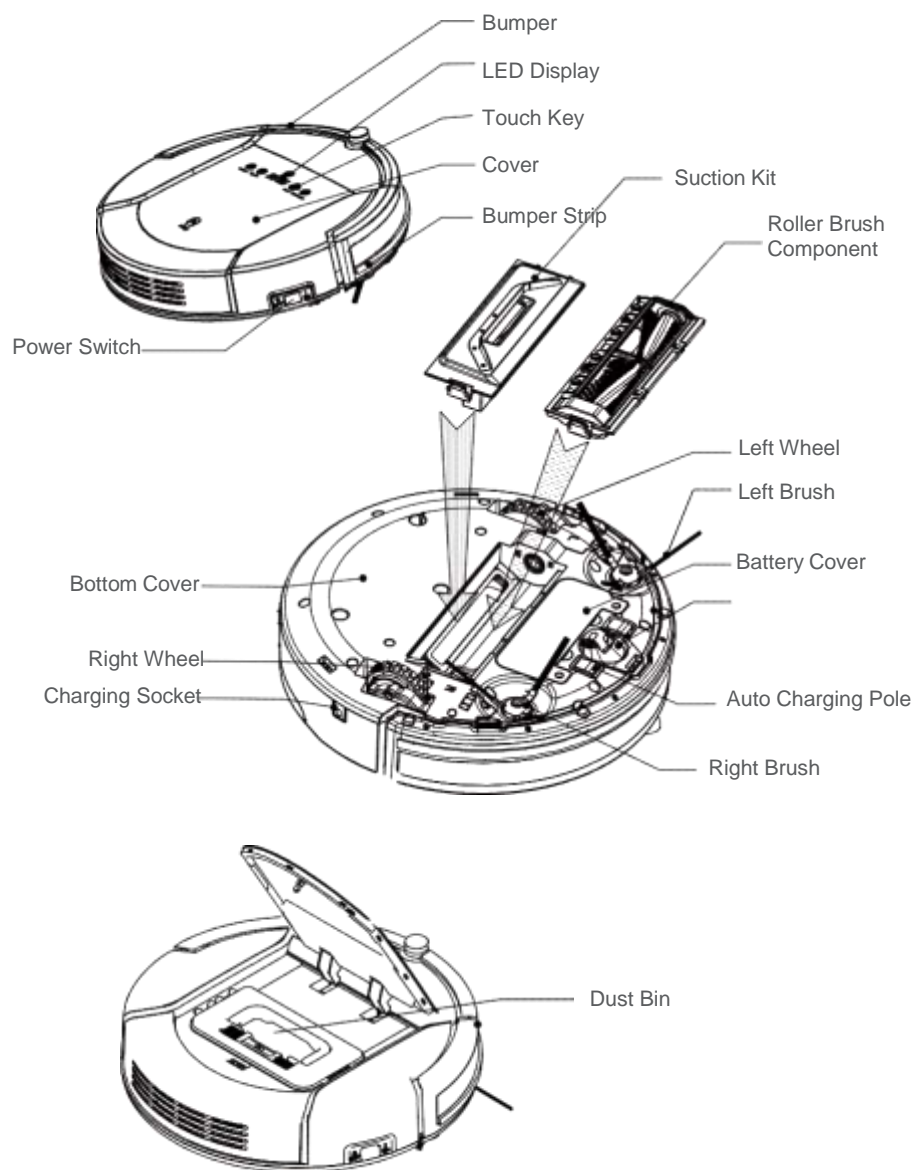
### Main Body and Accessories

No.	Description	Quantity
1	Main Body	1
2	Docking Station	1
3	Adapter	1
4	Remote Control	1
5	Water Tank and Mopping Cloth	1
6	HEPA Filter	1
7	Side Brush	4
8	Magnetic Strip	1
9	User Manual	1

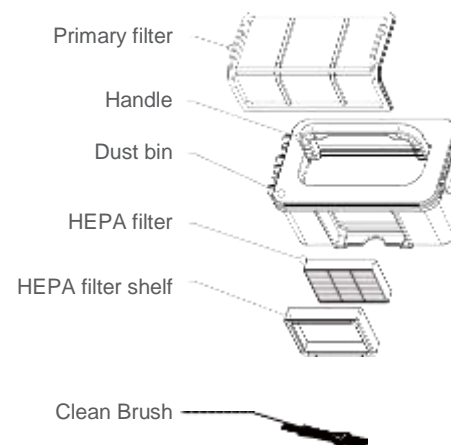


## Product Components

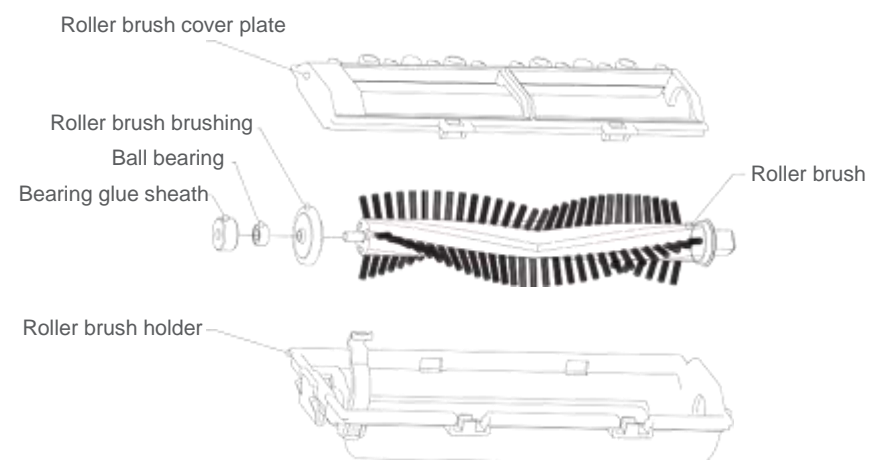
### Main Body Diagram



### Dust Bin Kit

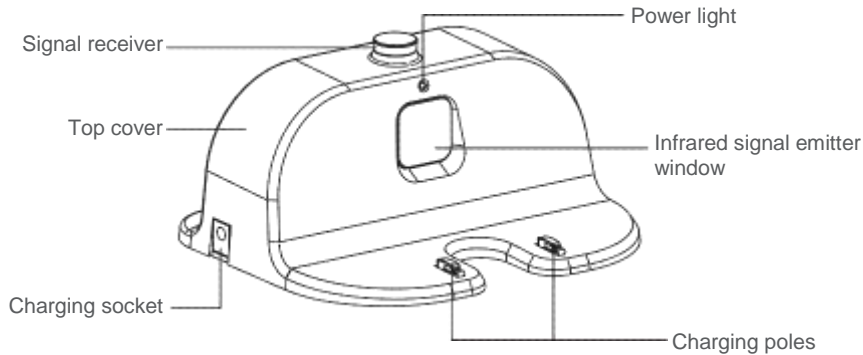


### Roller Brush Kit



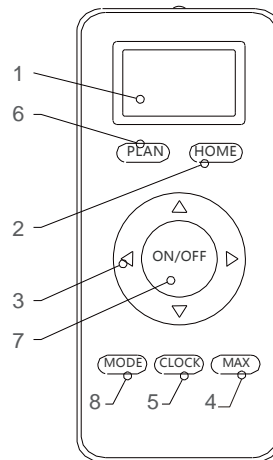
## Product Components

### Docking Station



### Remote

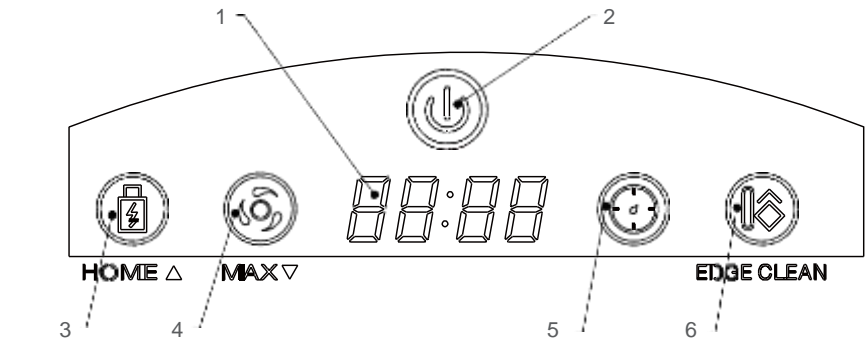
1. Display Screen
2. Auto Charging
3. Direction Button  
(Only Effective in Standby Mode)
4. Max Cleaning  
(Only Effective in Standby Mode)
5. Clock Setting
6. Schedule Setting
7. ON/OFF
8. Mode Cleaning  
(Only Effective in Standby Mode)



### Note:

Install two AAA type batteries into remote control before use, Remove the batteries if the remote control will be left unused for a long period.

### Display Panel



Panel  
It shows the time setting, Charging, and codes by using numbers.

### Button



- A. Press this button to activate from sleep mode to standby mode  
In standby mode, press this button and hold it for more than 3 seconds to go into sleep mode.
- B. Confirm schedule setting in scheduling mode.
- C. Start cleaning in standby mode.



- A. Press this button to increase number in scheduling mode.
- B. In other mode, Press this button to start auto charging.



- A. Press this button to decrease number in scheduling mode.
- B. In other mode, Press this button to start MAX cleaning mode.



- In standby/charging mode, press this button to enter/quit robot time setting.  
Hold this button to enter/quit scheduling mode.



- Press this button to start edge cleaning in standby mode.  
Hold this button to enter/quit scheduling mode.

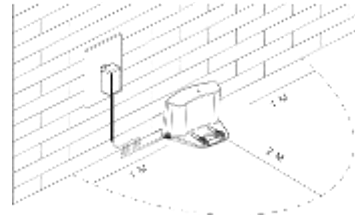


## Product Operation

### Battery Charging


#### 1. Docking station placement

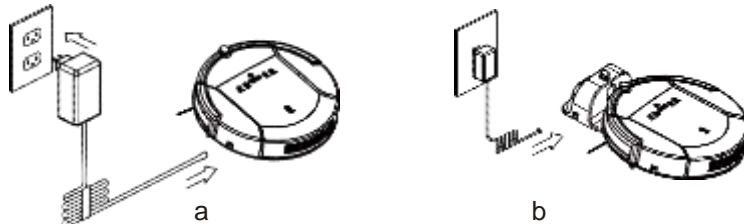
Place docking station against the wall and remove obstacles from within 1 meter at two sides and about 2 meters in front of the station, as shown in the right figure.



If the robot has been shut down, power on the robot by pressing the power switch side of the robot for more than 3 seconds.

#### 2. Charge the robot in either way as shown below:

- Insert the adapter into the robot and the plug at the other end to the power socket as shown in Figure.a.
- Press  on robot or HOME on the remote control to operate the robot to go back to the charging station for recharging as shown in Figure.b.



#### Note:


- When the robot is being charged, LED panel will gradually show 1111 from left to right.
- Once charging is complete, LED panel will show FULL.
- In the standby status, the robot will broadcast voice prompt 'Please charge when battery power is low.'
- In the working status, the robot will return to charging station when battery power is low.

#### For extending battery life:



- Before first use, charge the robot for 12 hours.
- Charge the robot as soon as possible when battery power is low.
- The robot will return to charging station automatically when it accomplishes cleaning, or battery power is low.
- If the robot is not to be used for a long time, fully charge the battery before use and turn the power switch off.
- If the robot is not to be used for more than 3 months, charge the robot for 12 hours.

### Starting Up / Standby / Sleeping / Power Off

#### 1. Starting up


- Make sure the power switch is on (The power switch is at the right side of the main body)
- In standby mode, press  on the main body or ON/OFF on remote control to start cleaning.

#### Note:

If the robot is in sleep mode, press  on the main body to wake up the robot from sleep mode, then press  again, the robot will start cleaning automatically.


#### 2. Standby

Standby means robot has its power switch on, waiting for the user's operation. It can be changed to standby mode by one of the following methods:

- During robot cleaning, press  on the main body to enter standby mode.
- During robot cleaning, press ON/OFF button on remote control to power off the robot.


#### 3. Sleep

In standby mode, the robot can only be awakened from a button on the main body or ON / OFF on the remote control. To save power, you can turn the robot into sleep mode from standby mode via either of the following methods:

- Press  on the main body and hold it for 3 seconds.
- Robot will automatically enter sleep mode if there is no operation on robot unit panel and remote control for more than 2 minutes.

### About Scheduling

You can schedule the robot to start cleaning automatically at a particular time every day.

Note: The robot can only be set when it is on standby or charging mode. If the robot is in sleep mode, press  on the main body or ON/OFF button on remote control to wake up the robot.



If the robot is in cleaning mode, stop it before scheduling.

## Product Operation



### How to schedule the robot

#### 1. Schedule on Display Panel on Robot Unit

A.Setting robot current time (Make sure the robot is in standby or power on status).

- Short press "PLAN" button to start current time setting. The LED panel will show the current system time.
- Then the left two numbers on LED panel will flash. The left two numbers stands for Hour, Press "HOME" to increase hour or "MAX" to decrease it.
- Press  shift to minute setting mode, then the right two numbers that stands for Minute on LED panel will flash. Press "HOME" to increase it or "MAX" to decrease it.
- Press  button to save the setting, then press "PLAN" to exit (Before the setting is saved, if press "PLAN" to exit, the current setting will be invalid).

B.Setting the scheduling time (Make sure the robot is in standby or power on status)

- Press "PLAN" and hold it for 3 seconds to start scheduling, then the left two numbers on LED panel will flash,
- Press "HOME" button to increase hour or "MAX" button to decrease it.
- Press  to enter minute setting mode, the right two numbers on LED panel will flash, press "HOME" button to increase it or "MAX" button to decrease it.
- Press  again to save the setting, then press "PLAN" button to exit (Before the setting is saved, if press "PLAN" to exit, the current setting will be invalid).

C.Cancel the scheduling

Follow above step B, set the scheduling time to be 00:00 and exit.

#### Note:

- For the scheduled cleaning time through robot panel will be calculated according to robot's current time. Therefore, please follow step A, set the robot time in accordance with current real time.

The robot will automatically start cleaning at the scheduled time every day. Schedule cleaning needs to be reset if the power switch has been turned off.

### 2.Schedule on Remote Control

#### A. Schedule cleaning setting

- Make sure the robot is in standby mode or charging mode. Press "PLAN" button on remote and hold it for 3 seconds to enter scheduling control to start Max cleaning. Robot will enter Max cleaning mode.

- The left two numbers on remote screen stands for Hour; the right two numbers stands for Minutes. After entering scheduling mode, the Hour numbers will flash. The Hour and Minute can be changed by pressing "Up" or "Down" button. Press "Left" and "Right" can shift between Hour and Minute numbers setting. The numbers flashes is the one under scheduling.

- When selected the hour and minute, with the remote pointing to the robot, press "ON/OFF" button on the remote. Robot unit display panel will show corresponding scheduled time if it's been scheduled successfully.

Note: The numbers shown on remote is the time interval for scheduling. And the time interval is integer times of 30 minutes. For example: If the current time is 8:00 am, and the remote setting number is 01:00. If schedule cleaning has been successfully saved, the robot will start working 1 hour later. It means 9:00 am has been set as scheduled cleaning time, and the robot will automatically start cleaning at 9:00 am every day.

#### B. Cancel scheduled cleaning

Press "PLAN" on remote and hold it for 3 seconds to enter scheduling mode.

The left two numbers on remote screen stands for Hour; the right two numbers stands for Minutes. The Hour and Minute can now be edited by pressing "Up" or "Down" button. Press "Left" and "Right" can shift between Hour and Minute numbers setting. Set the time to be 00:00, then press "ON/OFF" button. The scheduled cleaning was successfully canceled.

#### C. Remote control current time setting

Press "CLOCK" on remote and hold it for 3 seconds to enter remote control current time setting mode. The left two numbers on remote screen stands for Hour; the right two numbers stands for Minutes. At the top of the LCD panel, there is Date choice. After entering current time setting mode, the Hour numbers will flash. Press "Right" one time can shift to Minute editing, press "Right" two times will shift to "Date" editing. The Hour, Minute can now be edited by pressing "Up" or "Down" button. The Date can be edited by pressing "Left" and "Right." Press "CLOCK" button to save the setting.

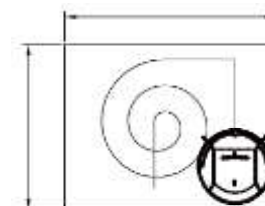
**Note:** The remote clock time function is similar to watch to know the time. It has nothing to do with the scheduled time.

### Cleaning Modes

Four cleaning modes to meet your different needs.

#### 1.Max cleaning

Press "MAX" on robot or "MAX" on remote is with bigger suction power, faster rolling brush rotation speed, and slower wheel rotation speed.



## Product Operation

### 2.4 Cleaning Modes

Press **MODE button** X1, X2, X3, X4, X5 on the remote control to shift between different cleaning modes:

**MODE 1:** EDGE CLEAN, Robot will start along wall cleaning.

Remote LCD display MODE 1 at lower right corner.

**MODE 2:** 2mX2m square meters area cleaning in a zig-zag pattern.

Remote LCD display MODE 2 at lower right corner.

**MODE 3:** Random cleaning. Robot will start random cleaning (not zig-zag pattern). Remote LCD display MODE 3 at lower right corner.

**MODE 4:** Intensive cleaning mode (only applied to small size room).


Remote LCD display MODE 4 at lower right corner.

Robot will start MAX cleaning mode and cleans twice of the room for a deeper cleaning.

**MODE 5:** Robot will stop cleaning and standby. (There is no "MODE 5 displayed on remote LCD panel)

If press MODE button X6, it will goes back to MODE 1.

### 3.Edge cleaning

In cleaning mode, press  to enter edge cleaning mode. The robot will clean along the walls.



Edge Cleaning

### 4.Schedule cleaning

Schedule the robot's cleaning according to your need. And the robot will start as scheduled.



Schedule Cleaning

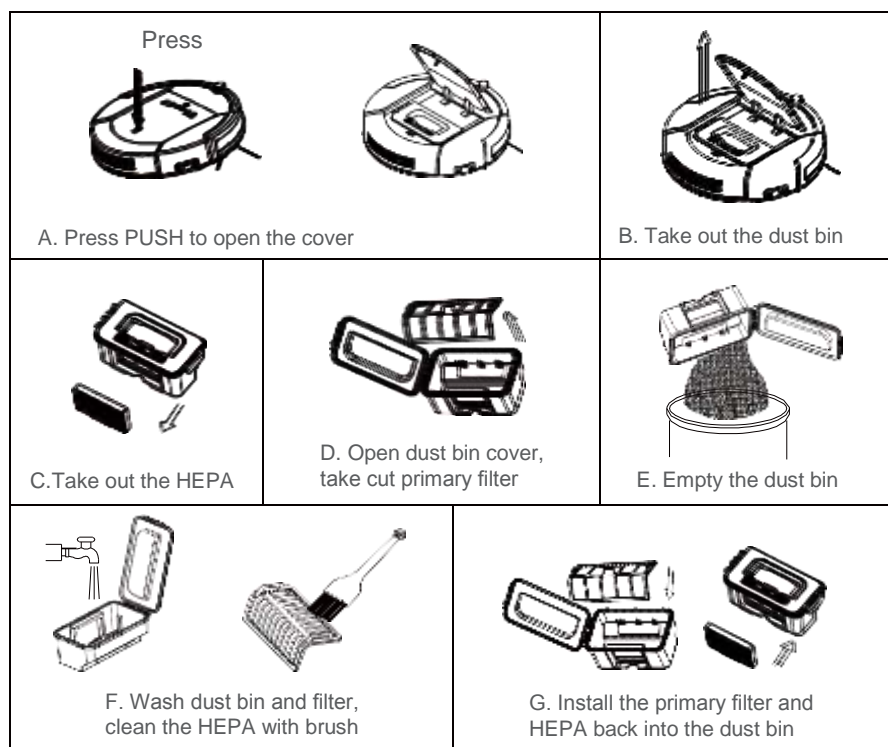
## Product Maintenance

### Cleaning Side Brushes

1. Make sure side brushes are not damaged.
2. Use cleaning kit or cloth to clean side brushes.
3. Remove side brushes and put them in warm water for five seconds can solve side brushes tangling and deformation.
4. Replace side brushes when they are worn.

### Cleaning Dust Bin and Filters

Empty and clean the dust bin after each use following the steps as shown in the figures below.

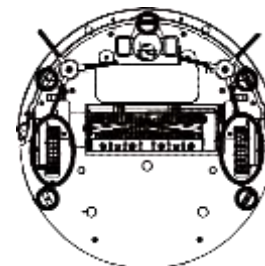


#### Note:

- a. The primary filter can be washed after days of use. Please clean the HEPA filter with a clean brush.
- b. Install the primary filter after it was fully dry.
- c. HEPA and primary filter could be replaced if needed.
- d. Do not dry the filter under baking sunshine.

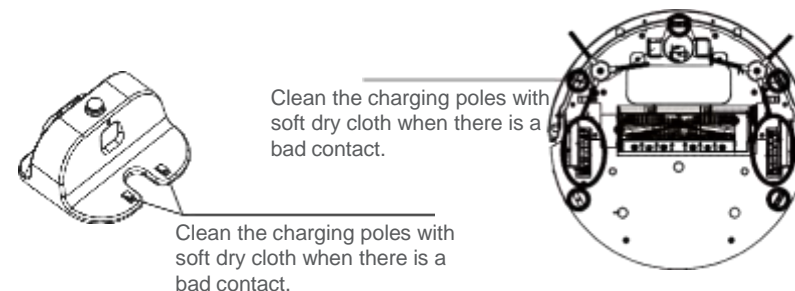
### Cleaning Sensors and Wheels

Slightly wipe all the sensors and wheels, as marked in the figure below, with soft cleaning cloth or tool.



### Cleaning Charging Poles

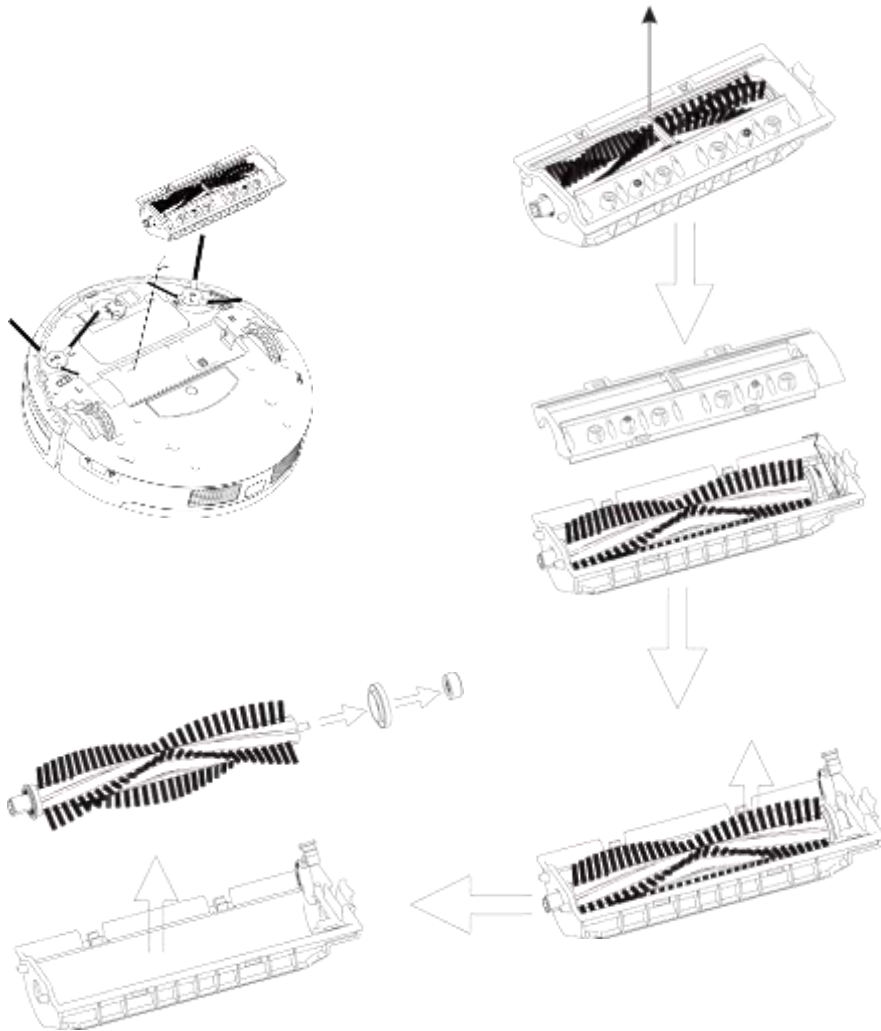
Clean the charging poles, as marked in the figure below, with soft cleaning cloth or tool.



## Product Maintenance

### Cleaning Roller Brush

Take out and disassemble the roller brush kit as shown in figure below, and clean it with soft cleaning cloth or tool. (The roller brush axle is washable)



**Note:** Please re-install the roller brush axle after it is fully dry.

## Batteries

### Battery Removal

1. Unscrew the screws on battery cover with a screw driver.
2. Remove the battery capsule cover.
3. Take out the battery.
4. Push the electrode tips connected the battery and main body.
5. Put the new battery into the battery case with the battery label facing up.
6. Plug the wire connector that connects the battery and robot.
7. Reorganize the wire connector and wires.
8. Re-install the battery door.
9. Lock the battery capsule cover.

**Notice:** Do not use non-original battery. It may cause damage to the robot.

## Troubleshooting

### Error Code

Number	Error code	Cause
1	E1	Dust bin not well located or robot without dust bin
2	E2	Power switch off during charging
3	E3	Low voltage power supply or auto charging failure
4	E11	Left anti-drop sensor detect cliff
5	E12	Right anti-drop sensor detect cliff
6	E13	Front anti-drop sensor detect cliff
7	E21	Left wheel drop
8	E22	Right wheel drop
9	E31	Front bumper wall detection sensors and left Infrared sensors detect obstacle
10	E32	Front bumper wall detection sensors and right infrared
11	E33	Front bumper wall detection sensors and front infrared
12	E41	Left wheel overloaded
13	E42	Right wheel overloaded
14	E43	Left side brush overloaded
15	E44	Right side brush overloaded
16	E45	Right wheel overloaded
17	E47	Roller brush overloaded
18	L0	Low battery
19	11 : 11	Charging
20	Full	Charging Completed

### Note:

If above solution does not work, please try below:

- Reset the robot by switching off the unit and then it on, and check again.
- If it still does not work after reset, contact after sales.

## Service Guidelines

**For more info and support please contact or visit:**

Email: [support@blaupunktrobotics.eu](mailto:support@blaupunktrobotics.eu)

Website: [www.blaupunktrobotics.eu](http://www.blaupunktrobotics.eu)

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