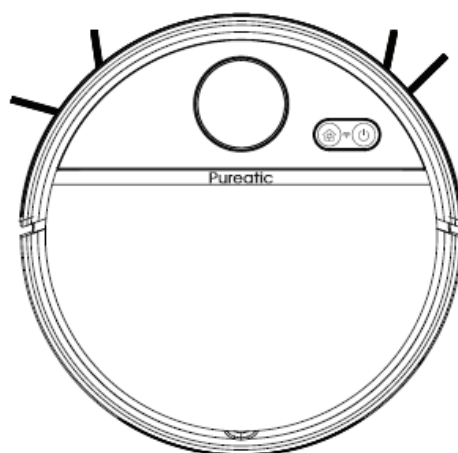


尺寸为:120mm\*160mm

版本号:20230718V2.1

# **Instruction Manual**

## **Robot Vacuum Cleaner**



Model: N5-A

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# 1. Safety Instruction

## 1.1 Safety instructions

- \* This robot is not suitable for individuals with physical, mental, or cognitive disabilities (including children), those without prior operating experience, or those without sufficient knowledge of the robot (To use, please use it under the supervision or guidance of the person specially responsible for their safety.)
- \* Please take care of children and do not allow them to use this robot without supervision.
- \* Read the safety instructions and operating instructions before using the robot.
- \* Please pay attention to all warnings related to the battery, power adapter, robot, and operating instructions.
- \* Follow all actions and usage instructions.
- \* As the robot version is constantly iterated and upgraded, the specific functions are subject to the physical objects received.

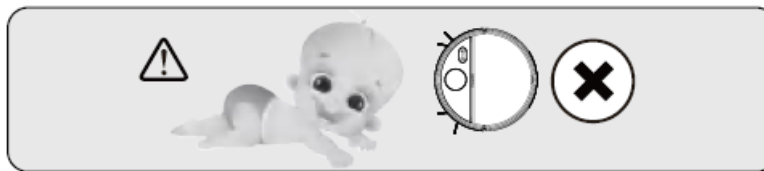
## 1.2 Using restrictions

- This robot is only used for ground cleaning in the home environment, do not use for outdoor (such as open balcony), non-floor (such as sofa), commercial or industrial environment.
- This robot can only use the original battery, charging dock and adapter, otherwise it may cause robot damage or fire caused by high pressure.
- Before use, please pack away the wire on the ground to avoid dragging.
- Please put away fragile items and debris (such as vases, etc.) from the floor to avoid obstruction or minor collisions with the robot while it is running, which may cause damage to valuable items in the house.
- Do not place any objects, including children or pets, on the robot while it is stationary or in motion.
- Please clean the maintenance host and recharge dock while it is turned off or unplugged.
- Do not use it in an environment without a guardrail if it is suspended or elevated, to avoid the risk of the robot accidentally falling and causing personal injury.
- Do not use the robot in an environment above 45°C or below 0°C.
- Do not let the robot absorb hard or sharp objects (such as waste repair, glass, nails, etc.).
- Do not pour any liquid into this robot.
- Do not lay the robot on its side.
- Do not let the human body, fingers and other parts close to the machine when robot is working.
- Do not place the robot near sources of heat or flammable, explosive, or corrosive items.

## 1.3 Battery and charging

- Only charge indoors.
- Ensure the robot is charged in a dry condition.
- Do not use any third-party batteries, adapters, or charging docks.
- Do not remove, repair, or modify the battery and charging dock without permission.
- Do not place the charging dock close to heat sources (such as radiators, etc.).
- Ensure that the power adapter matches the standard socket voltage.
- Do not charge damaged or leaking batteries.
- Do not abandon the discarded battery at will. Before discarding the robot, turn off the power supply and remove the battery from the robot for proper disposal.
- Do not use a power adapter with damaged wires or connector. If the wire or plug is damaged, it must be repaired by the manufacturer or a professional.
- If you need to transport the robot, ensure that the main unit is turned off and recommend using the original package box for protection.
- If not in use for an extended period, please fully charge the robot, turn off the engine, and store it in a cool and dry place. Charge it at least once a month to avoid battery damage.

## 1.4 About children safety



- Do not allow children to use alone.
- Do not allow children to play with the product's package, otherwise it may cause suffocation.

## 1.5 About the battery

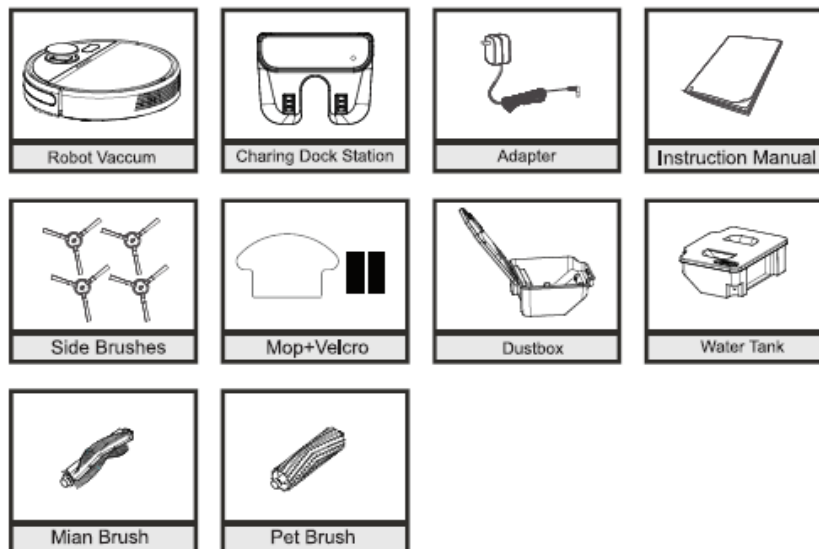


1. This robot is limited to the manufacturer's battery.
2. The battery must be taken out when discarding.
3. If you need to replace the main battery, please contact our after-sales service department (using the wrong battery can cause damage to the machine).
4. If the battery leaks and accidentally let the liquid stick to the skin or clothing, immediately wipe it with a dry cloth.

## 2. Composition

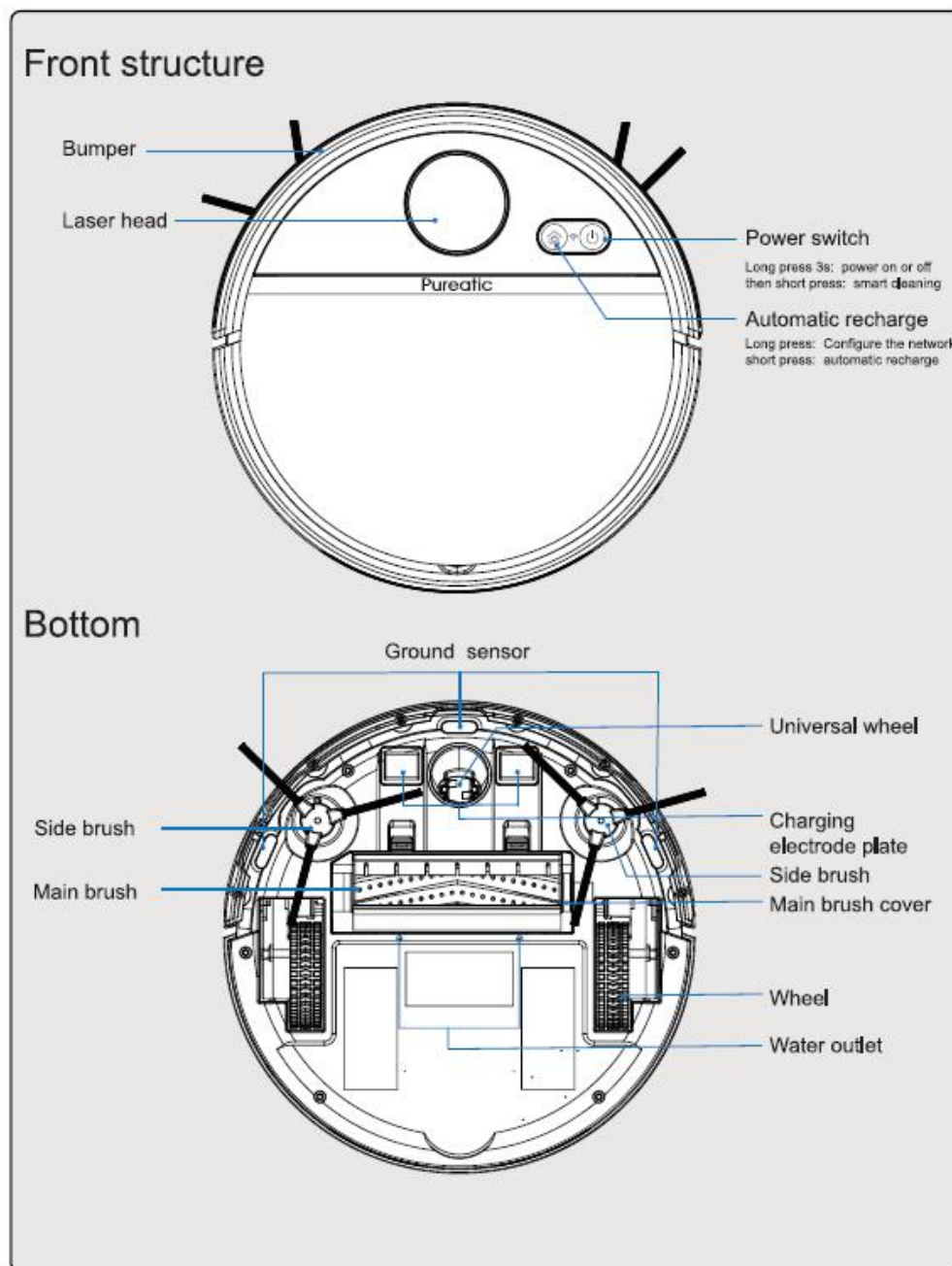
### 2.1 Package list

Item	Description	Quantity
1	Robot Vacuum	1 pcs
2	Charging Dock Station	1 pcs
3	Adapter	1 pcs
4	Instruction Manual	1 pcs
5	Side Brushes	4 pcs
6	Mop+Velcro	1 pcs+2 pcs
7	Dustbox	1 pcs
8	Water Tank	1 pcs
9	Main Brush	1 pcs
10	Pet Brush	1 pcs

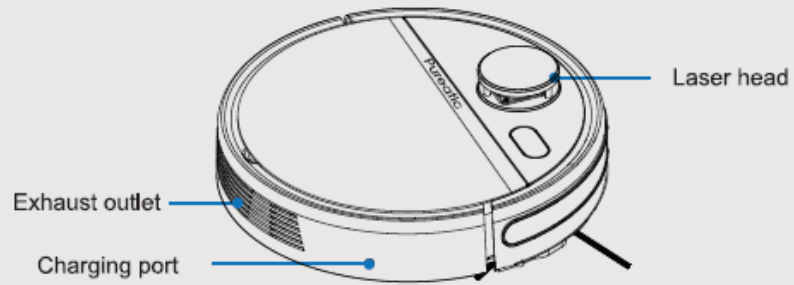


Note: The pet brush is inside the robot.

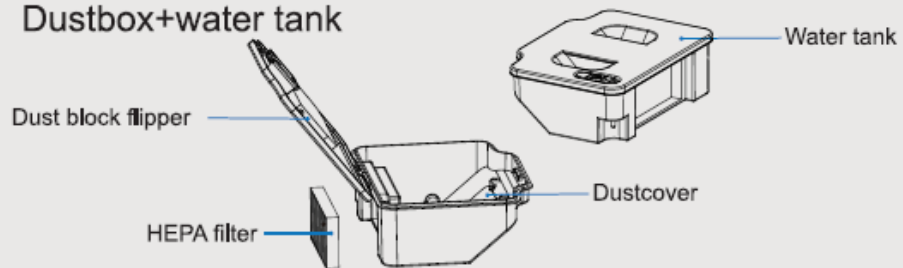
## 2.2 Structure diagram



### Side structure



### Dustbox+water tank



### Charging dock station





### 3. Specification

Model	N5-A
Voltage	11.1V
Rated Power	20W
Battery Type	Rechargeable lithium battery
Battery Capacity	4400mAh
Charging Time	5H-6H
Working Time	90-150min
Work Temperature Range	0°C~ 45°C
Work Humidity Range	≤90% RH
Dustbox Capacity	650ml
Water Tank Capacity	600ml
Noise	≤65dB
Size	310 X 310 X 96mm

## 4. App Operation Instruction

### 4.1 Mobile App Installation & Connectivity

#### 4.1.1 App installation

Scan the code to download the "Smart Life App" ( iOS and Android), or search the "Smart Life" in the App Store to download. After app installation, please register your account and login.




#### 4.1.2 App connection

\* 3 ways to connect the machine:

A: EZ Mode connection; B: Bluetooth connection C: AP Mode connection

Note: Only compatible with 2.4G network.

When the mobile phone's Bluetooth is turned on and the robot is in standby mode, long press the recharging button  for 3 seconds. There will be a voice prompt—"into EZ mode for pairing", then please release the button at the same time, the WiFi indicator will flash quickly. At this time, the robot can be connected through either EZ Mode connection or Bluetooth connection mode.

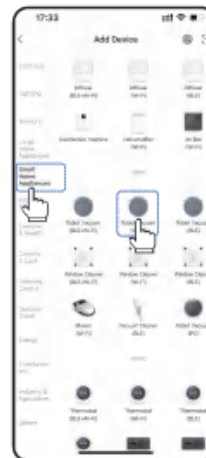
#### A: EZ Mode connection

To open the application and connect, follow these steps:

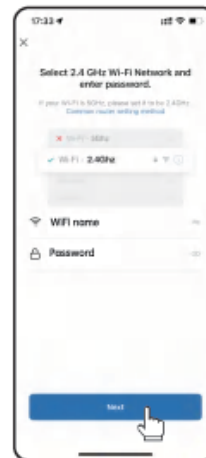
First, click on "Add Device" displayed in Picture 1, then select "Small Home Appliances" and click on "Robotic Vacuum (WiFi)" shown in Picture 2. Next, connect to the network, enter the password, and click on "Next" as shown in Picture 3.



Picture 1



Picture 2



Picture 3

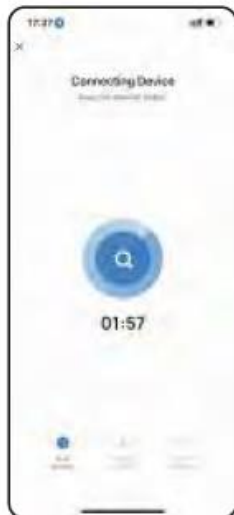
And it comes to picture 4, click the "Confirm the indicator is blinking", and then click the "EZ Mode" as shown in picture 5, waiting for the WiFi connection as shown in picture 6. When WiFi connection successful, please click the "Done" as shown in picture 8, the app connection is finished.



Picture 4



Picture 5



Picture 6



Picture 7

## B: Bluetooth connection

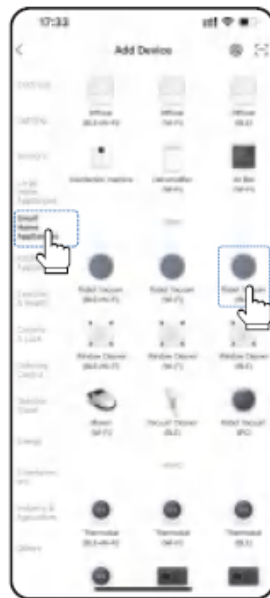
To open the application and connect, follow these steps:

First, click on "Add Device" displayed in Picture 1, then select "Small Home Appliances" and click on "Robotic Vacuum(BLE)" shown in Picture 2. Check the box for "Confirm indicator light is blinking" in Picture 3 and click on "Next". Configure the network as shown in Picture 4, select the appropriate WiFi and enter the password, then click on "Next". Wait for the robot to successfully connect (as shown in Picture 5, Picture 6).

**Note:** Bluetooth connection only worked when the Bluetooth is turn on.



Picture 1



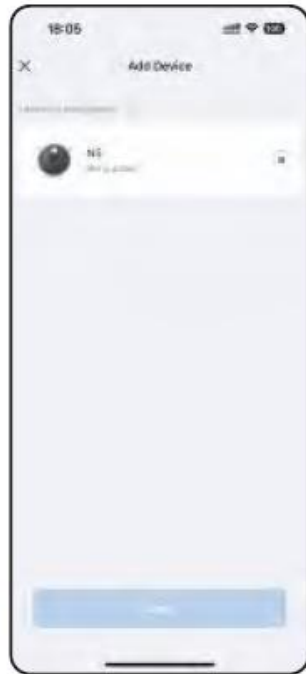
Picture 2



Picture 3



Picture 4



Picture 5



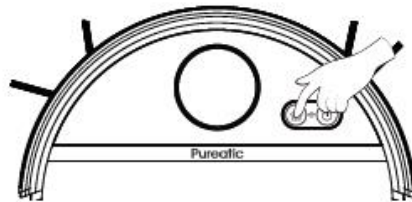
Picture 6

### C: Hotspot distribution WiFi connection

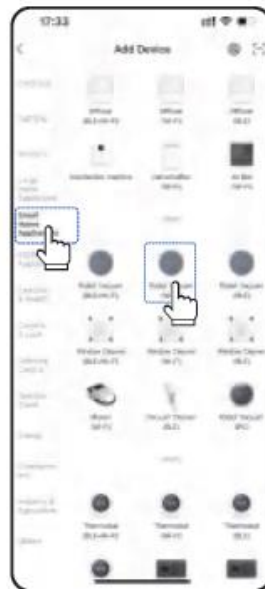
When the machine is in standby mode, long press recharging button for 6s and you will hear a voice reminder: start Hotspot distribution WiFi connection, same time please release the key, and WiFi LED light flashes slowly.

Open the app. The connection steps are as follows:

Click the "Add Device" as shown in Picture 1 first, then choose the "Small Home Appliances" and click the "Robot Vacuum(WiFi)" as shown in Picture 2. Next, connect your network, enter the password, and click the "Next" as shown in Picture 3.



Picture 1



Picture 2



Picture 3

And it comes to Picture 4, click the "Confirm the indicator is blinking" and then click the "AP Mode" as shown in Picture 5, then click the "Go to Connect" as shown in Picture 6, and find the robot distribute next work: Smartlife-XXXX/SL-XXX as shown in picture 7 & 8, and connect. After then you need to manually switch WiFi connection page to App connection page: then you will see it is connected as shown in Picture 9, when WiFi connection successful, click the "Done" as shown in Picture 10, the app connection is finished.



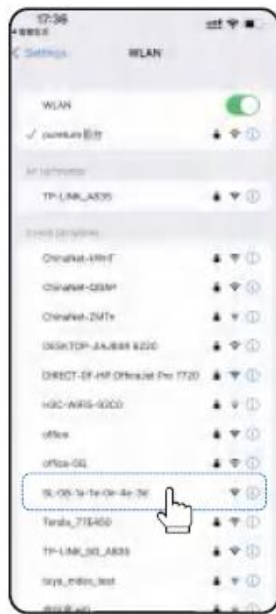
Picture 4



Picture 5



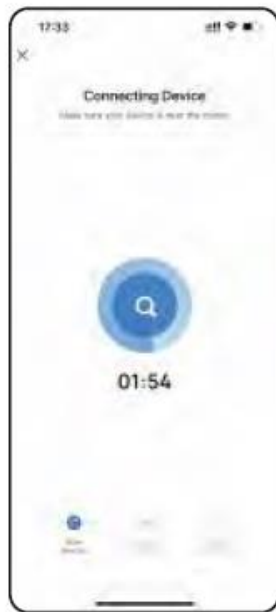
Picture 6



Picture 7



Picture 8



Picture 9



Picture 10



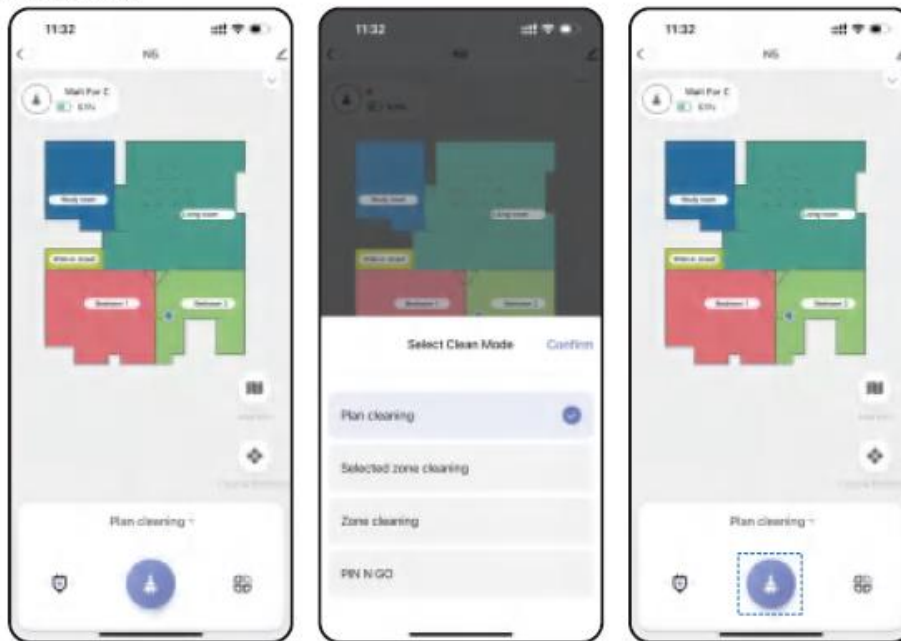
## 4.2 App Operation Interface Description

When using the APP for the first time, it needs to be fully charged. It is recommended to start it on the recharge stand, and then use the sweeper to clean the whole house. Only then will the map interface in the left picture appear. After building the map for the first time, it is recommended to use the save function in "Map Management" to save the map permanently.

- |                        |                           |
|------------------------|---------------------------|
| 1. Plan cleaning       | 2. Selected zone cleaning |
| 3. Zone cleaning       | 4. PIN N GO               |
| 5. Chargego            | 6. Map Edit               |
| 7. Cleaning Preference | 8. Setting                |

### ① Planned cleaning

Select the "Planned cleaning" mode and click "Start cleaning" as shown in Picture 1. The host will first find the wall to plan the cleaning area along the edge. After going around the edge for a week, the host will clean in a "bow" shaped path within the planned area. When the first area is finished, it will clean up any missed parts within that area. After the cleanup is finished, it will automatically find an adjacent area for new edge planning.



Home page

Select Clean Mode

Picture 1

② Selected zone cleaning

After the complete map is established, use the selective cleaning function of the app to select a specific area for cleaning.

Select the "Selected zone cleaning" mode, then select an area on the map for cleaning, and you can also set the number of cleaning times.

③ Zone cleaning

After the complete map is established, use the zoned cleaning function of the app to select a specific area for cleaning.

Select the "Zone cleaning" mode, then draw an area on the map for cleaning, and you can also set the number of cleaning times and the size of the area.

④ PIN N GO

After the map scan is completed, use the PIN N GO function of the app to select a location for cleaning.

Select the "PIN N GO" mode, then click on a location on the map, and the host will go to that location for a 2mX2m local cleaning.



Picture 2



Picture 3



Picture 4



Picture 5

⑤ Chargego

Click " Chargego" as shown in picture 5, robot will start automatic recharging and back to docking station. Click the "Chargego" button during cleaning to pause cleaning and start recharging. (Note: If the recharging station can not be found, the host will stop at the same place and enter the standby state.)

⑥ Map edit

set forbidden wall or area.

Click "Restricted Areaedit" as shown in picture 6, then add forbidden area or forbidden wall according to requirements.(as shown in picture 7 and 8).



Picture 6



Picture 7



Picture 8

## Map Custom Editing

When using the map editing function of the app, map editing needs to be done on a successfully established map. The map cannot be edited when it is in a gray state.

Click the "Map Editing" button in Picture 6 of the app to make the following custom settings, as shown in Picture 9:

**Merge:** Select two adjacent rooms to merge them into one;

**Split:** Select a room to split it into two independent rooms;

**Reset:** Set all rooms back to their default state;

**Name:** Set names for each room, such as kitchen, bedroom, etc.;

**Custom:** Click on any area on the map to set the suction size, water volume, and cleaning times for that area;

**Order:** Click on areas on the map in sequence to sort them.

### ⑦ Cleaning preferences

**Suction selection:** The default is standard suction, which can be switched to off, enhanced suction, or energy-saving suction.

**Water volume selection:** The default is medium water volume, which can be switched to off, low water volume, or high water volume.

**Customize mode:** Control the switch of map customization content.



Picture 6



Picture 9



Picture 10

⑧Setting: there are more functionalities to choose from.

Function description:

**Schedule:** Set cleaning schedules for different times.

**Room Manage:** You can save maps, reset maps, use saved maps, and delete maps.

**Clean Record:** View the time, number of times, and cleaning area of the robot vacuum cleaner.

**Voice and volume:** Set the voice and volume of the machine.

**Switch disturb:** Turn off voice, timer, breakpoint continuation, LED lights.

**Remote control:** Manually control the cleaning direction of the machine (no backward movement). **Consumables management:** View the remaining life of consumables for reference only.

**Seek Robot:** The host emits a sound to indicate its location.

**Unit:** You can choose m<sup>2</sup> or ft<sup>2</sup>.

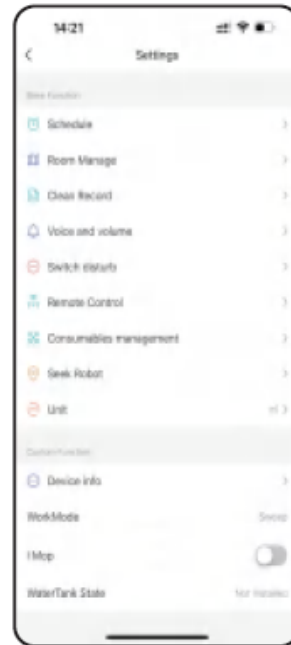
**Device info:** View the host MCU version, fixed version, device SN number, UUID number.

**WorkMode:** The working mode will automatically switch according to different dust box components.

**I Mop:** The robot vacuum cleaner will mop in a bow shape by moving forward and backward.



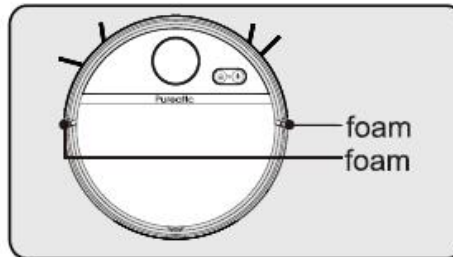
Home page



Settings

## 5. Use

Please take out the foam strip and clean the area around the robot.

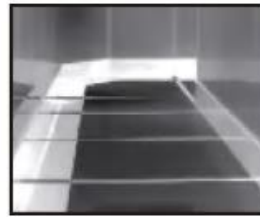


### 5.1 Ground for use

Scope of application products are applicable to the following ground environment:

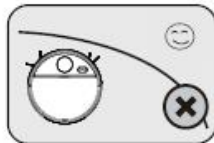


wood



marble

### 5.2 Inapplicable scope

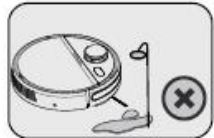


\* Not for use in extremely hot (+45°C or higher) or extremely cold (0°C or lower) environments.

\* For indoor use only.

\* Not for use in unprotected suspension environments.

\* Do not use in humid or flammable environments, explosive or corrosive environments



\* Do not allow the robot to vacuum unburned cigarettes or matches.

\* Not to be used to vacuum toner and toner used in laser printers

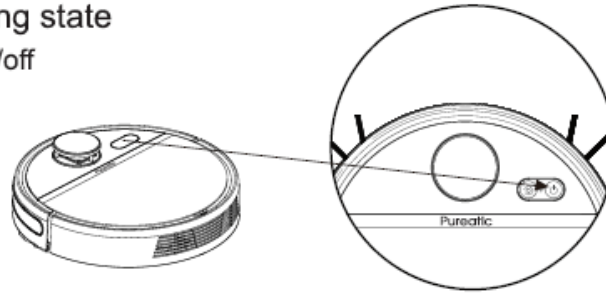
and photocopiers



\* Not to be used to vacuum sharp objects such as glass plates, pins etc.

## 5.3 Working state

### 1. Power on/off



**Power on:** Press and hold the " Auto" button for 3 seconds while in the shutdown state. The button light will blink with a startup sound, and the robot will enter the standby state.

**Shutdown:** Press and hold the " Auto" button for 3 seconds while in the standby state. A shutdown sound will play, and the robot will enter the shutdown state.

**Note:** The robot cannot be powered off while it is charging. If it has very low battery level, it may not be able to power on, in which case it needs to be charged, after reaching a certain battery level, it will automatically turn on.

### 2. Standby

The machine is in standby mode and both LEDs are on at the same time.

State change:

1. A. If the machine connected WiFi/App already, it will automatically shutdown after 5 mins without any operation of machine.

B. If the machine haven't connect WiFi/App it will automatically shutdown after 30 mins without any operation of machine.

2. Short press the auto button once, the buzzer will sound once and enter automatic cleaning mode after a delay of 3S.

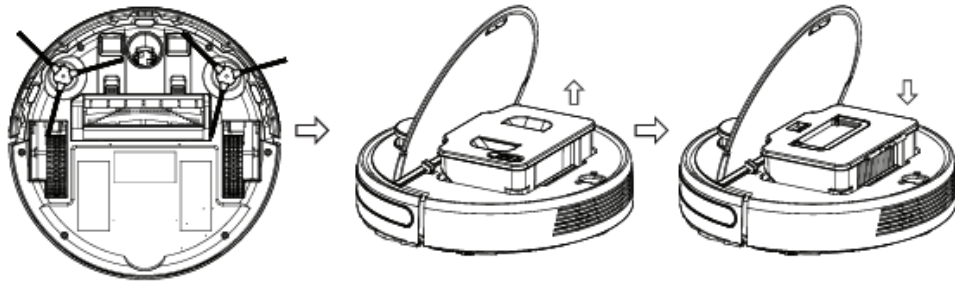
3. Press the "spot cleaning" button for a short time, the buzzer will sound and enter the spot cleaning mode.

4. Press and hold the auto button for 3 seconds, the buzzer will sound and the machine will shut down.

5. Plug in the charger and the buzzer will sound and enter charging mode.

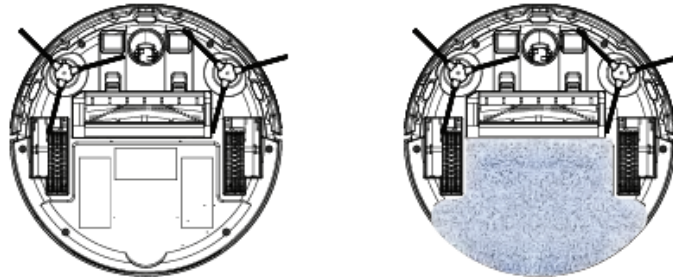
### 3. Cleaning mode

- Install the side brushes, remove the water tank and start the robot to enter cleaning mode.

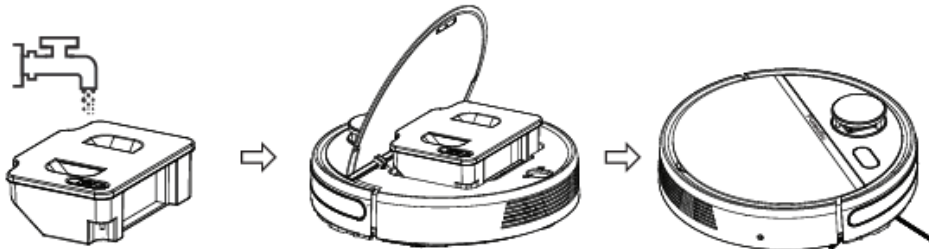


### 4. Cleaning & mopping mode

- Attach the velcro to the fixed position and place the mop.  
(The mop can be moist without water droplets).



- Open the water tank rubber cap and fill the tank with water.  
When finished, snap the rubber cap closed and put it in the dustbox.



- Load the dustbox and start the main unit to enter cleaning and mopping mode.



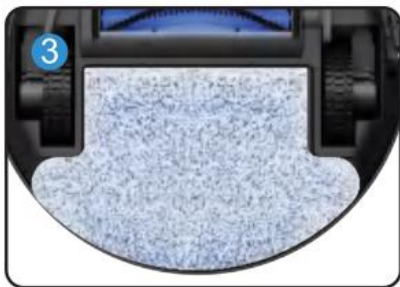
## 6. Mop Install Manual



- 1: Position the robot with its back facing upwards.
- 2: Tear apart the Velcro strip.



- 1: Ensure that the designated area is free from any water or dust.
- 2: Attach two Velcro strips onto the back of the robot, aligning them as shown in the accompanying picture.



- 1: Attach the mop to the Velcro.
- 2: The mop can be reused after washing it.

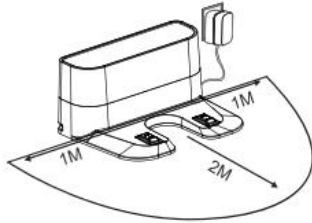


- 1: Do not over-wet the mop to prevent water stains.

Note: Before mopping, please wet the mop.

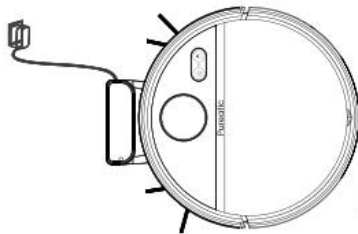
## 7. Charging Operation

### 7.1 Put charging dock station in right place



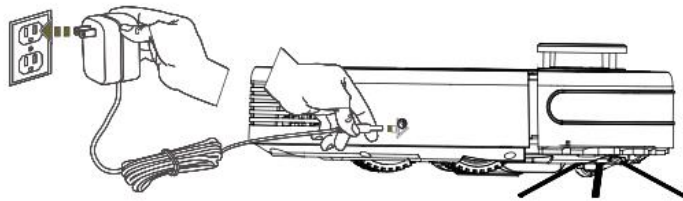
In order help the machine to find the charging dock station in time, it is recommended to place it smoothly on the side of the wall, and place any obstacles around the base within the area in front of 2 meters, and the left and right are within 1 meter.

### 7.2 Self charging



When the battery is lower, it will automatically start searching for charging dock station around the machine.

### 7.3 Manual charging



Connect the power adapter directly to the robot and output.

1. Fill the robot for 6 hours when charging for the first time.
2. For daily using, store the robot on the charging dock station and ensure that it is powered on.
3. If the robot is not used for a long time, charging it fully, turn off the machine, and store it in a dry and ventilated place.

## 8. Maintenance

### 8.1 Recommended frequency

Accessories	Cleaning frequency	Replacement time
Dustbox+Water Tank	Once a week	Replace when damaged
HEPA Filter	Once a week	Every 3-6 months
Main Brush	Once a week	Every 6-12 months
Pet Brush	Once a week	Every 6-12 months
Side Brushes	Once a month	Every 3-6 months
Mop	After each use	Every 3-6 months
Ground Sensor	Once a month	No replacement required
Charging electrode plate	Once a month	No replacement required
Universal Wheel	Once a month	No replacement required

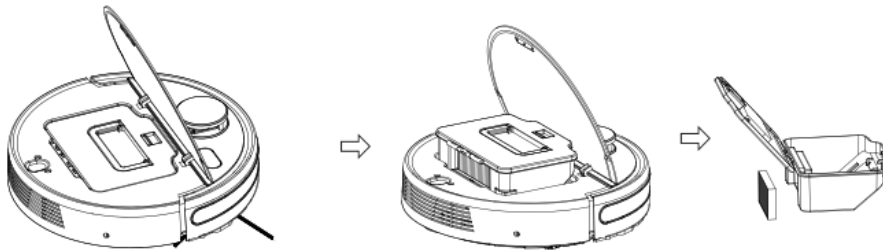
#### Tips:

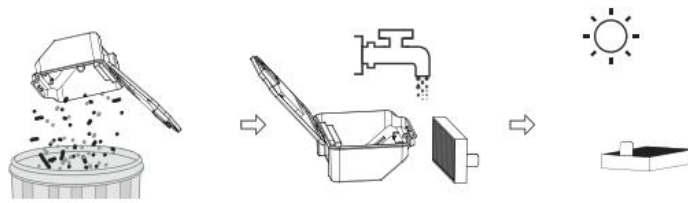
Switch off and disconnect the adapter before cleaning and maintenance.

The replacement interval for accessories depends on actual use.

### 8.2 Clean the dustbox

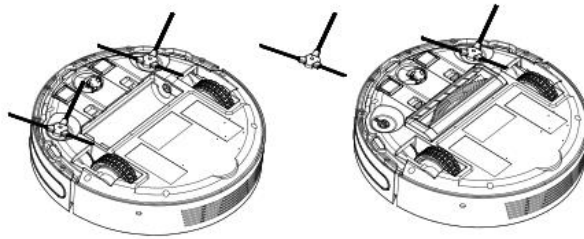
·Remove the dustbox and then remove the filter on the back of the dustbox.





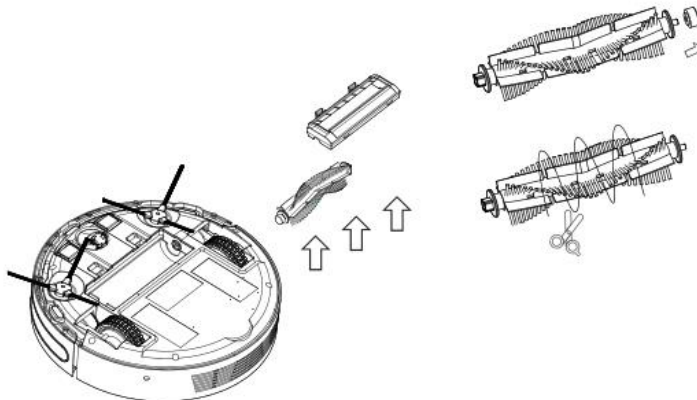
### 8.3 Clean side brushes

· Turn the main unit over, unplug the side brushes, clean the side brushes and put them back in.



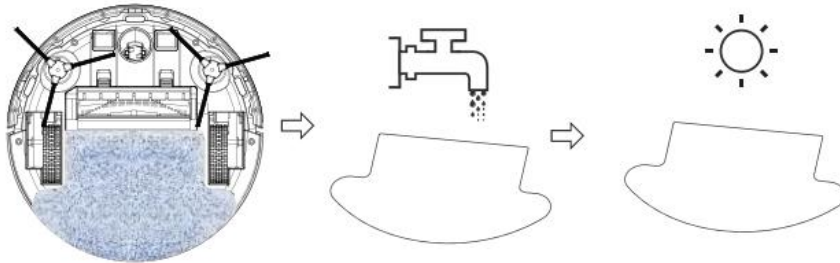
### 8.4 Clean main brush

· Remove the rubber cap from the side of the sweep and remove the tangled hairs from the ends of the sweep.



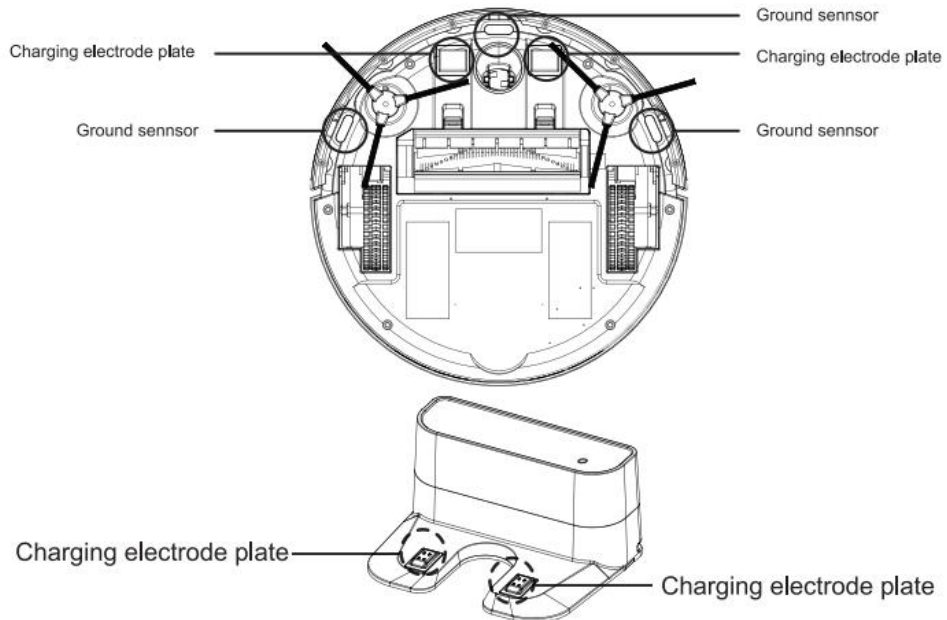
### 8.5 Clean mop

- Lift the mop off the back of the main unit, wash the mop and dry it.



### 8.6 Clean the ground sensor and charging pole piece

- Gently wipe the sensor and the chip pole piece with a soft cloth.



#### Tips:

- Please disconnect the power supply when cleaning the charging pole piece.

## 9. Common Errors

Under the fault state, the machine will stop working. Automatic LED, LED light of fixed time will flash at the same time, the buzzer will make an alarm. The alarm instructions are as follows.

Fail mode	Failure reminding	Troubleshooting
1. Ground sensor fail	<b>LED flash 1 times</b>	Please put the machine on the flat ground and wipe the ground sensor
2. Crash cover fail	<b>LED flash 5 times</b>	Check the collision detection plate of the machine
3. Wheel fail	<b>LED flash 6 times</b>	Check if the wheel is wrapped or stuck
4. Side brush fail	<b>LED flash 11 times</b>	Check the side brush has been twined
5. Mid brush fail	<b>LED flash 12 times</b>	Open the Main Brush cover to clean the main brush
6. Robot stuck	<b>LED flash 13 times</b>	The robot is trapped, please move the robot to a new position and start again
7. Dustbox not installed	<b>LED flash 15 times</b>	Put the dustbox back
8. Water tank not installed	<b>LED flash 19 times</b>	Put the water tank back
9. Radar mast jammed	<b>LED flash 21 times</b>	Please ensure that the laser mast located above the machine is not stuck or blocked
10. Laser sensor jammed	<b>LED flash 22 times</b>	Please inspect if the laser sensor is obstructed or jammed.
11. Charging station not found	<b>LED flash 26 times</b>	Please verify if the docking station is correctly installed.

### Tips:

If you can't rule out the corresponding faults by referring to the above methods, please contact our customer service in time.

FCC Caution.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any 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.

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.