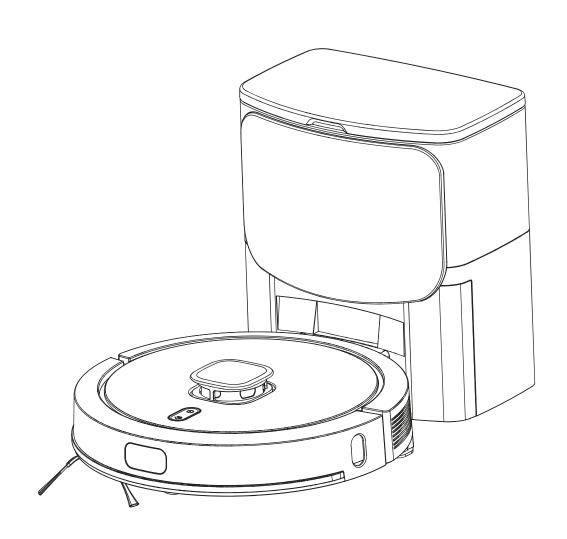
Robotic Vacuum Cleaner Instrcution Manual



Safety Instructions

Before using this product, read the following safety instructions and follow all conventional safety precautions. Read this manual carefully, and keep it properly.

Any operation not conforming to this manual may cause damage to this product.

Caution

- 1. Only authorized technicians can disassemble this product. Users are not recommended to disassemble this product by themselves.
- 2. Use only the power adapter provided by the manufacturer for this product. Use of other adapters may cause damage to this product.
- 3. Do not touch wires, sockets, or power adapter when your hands are wet.
- 4. Do not roll the curtain or body parts into the product drive wheel.
- 5. Keep this product away from cigarettes, lighters and other open flames.
- 6. Clean the product after charging.
- 7. Do not bend the wire excessively, or place heavy objects and sharp objects over the machine.
- 8. This product is intended for indoor use. Do not use it outdoors.
- 9. Do not sit on the product.
- 10. Do not use this product in a humid environment, such as the bathroom.
- 11. Before using this product, remove all vulnerable items (such as glasses and lamps) on the ground, as well as articles that may entangle the edge brush and suction channel (such as wires, paper, and curtains).
- 12. Do not place the product in a place where it is easy to fall off (such as tables and chairs).
- 13. Before discarding the product, please take it off the self-empty station, turn off the power and take out the battery from the machine.
- 14. To prevent tripping over the product, inform other members of the house when the product is working.
- 15. When the dust box is full, empty the dust box before using this product.
- 16. The operating temperature of this product is 0°C to 40°C.
- 17. Do not use this product in a high temperature environment.
- 18. Remove the battery from the product before scrapping it.
- 19. When removing the battery, make sure that the product is disconnected from the power supply.
- 20. Properly recycle the waste batteries.



Warnings

- 1. Use only the original rechargeable battery, self-empty station, and power cord specially provided by the manufacturer. Do not change the battery without permission. For battery specifications, see "Product parameters".
- 2. Do not use the product in an environment with open flames or fragile products.
- 3. Do not use the product in an extremely hot (above 40°C) or extremely cold (below 0°C) environment.
- 4. Keep the hair, clothes, fingers and other parts of the human body away from the opening or operating parts of the product.
- 5. Do not use the product on wet or water-filled ground.
- 6. Do not use the product to vacuum any items that may block the product, such as stones and waste paper.
- 7. Do not use the product to vacuum any flammable materials, such as gasoline and toner used in printers or copying machines. Do not use the product in clean areas with flammable materials.
- 8. Do not use the product to vacuum any burning items, such as cigarettes, matches, ashes and other items that may cause fire.
- 9. Do not place any articles at the suction port. Do not use the product when the suction port is blocked. Remove the dust, cotton wool and hair from the suction port to ensure smooth air circulation at the suction port.
- 10. Handle the power cord with care to avoid damage. Do not use the power cord to drag or pull the product and its self-empty station, do not use the power cord as a handle, clamp the power cord in the door gap, or pull the power cord at sharp corners. Do not run the product over the power cord. Keep the power cord away from heat sources.
- 11. Do not use a damaged self-empty station.
- 12. Even if the product is severely damaged, do not burn the product, as the product battery may explode.



The laser ranging sensor complies with IEC 60825-1:2014 class 1 laser product standard and does not produce dangerous laser radiation.

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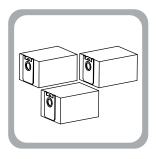
Product Composition/Packaging Contents



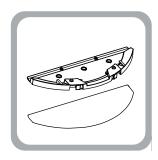
1x Robot



1x Self-Empty Station



3x Dust Bag



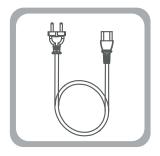
1x Mopping Pad



1x Watertank/ Dustbin



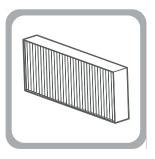
1x Cleaning Brush



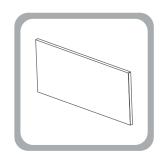
1x Charging Cable



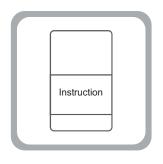
2x Side Brushes



1x HEPA



1x Sponge



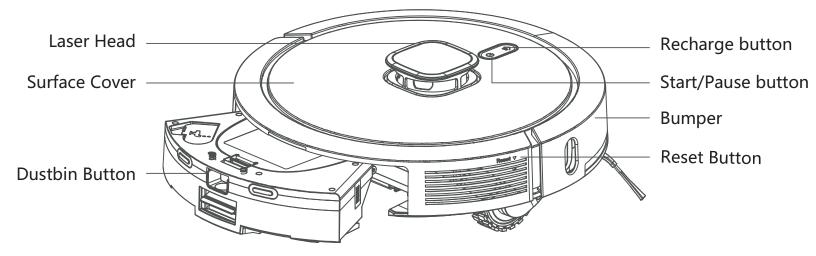
1x User Manual



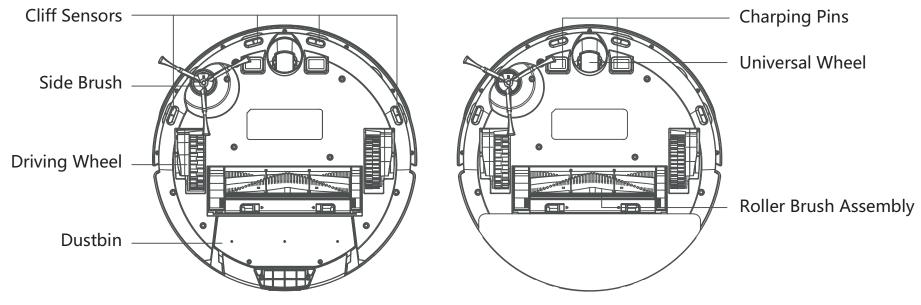
1x Mop

Product Composition/Parts Name

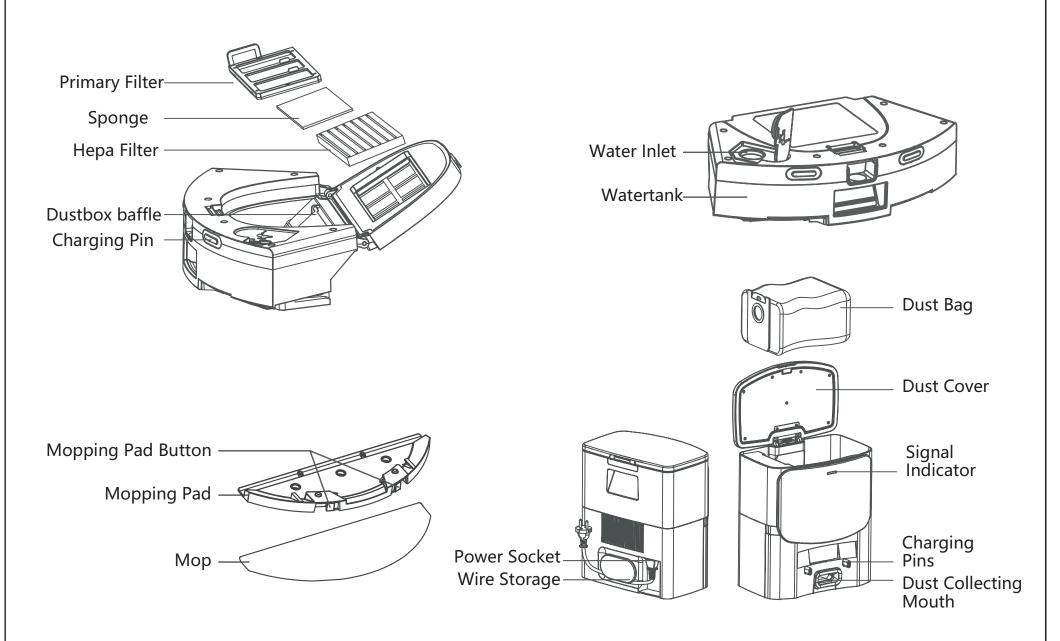
Top View



Buttom View



Product Composition/watertank/dustbin and mop assembly

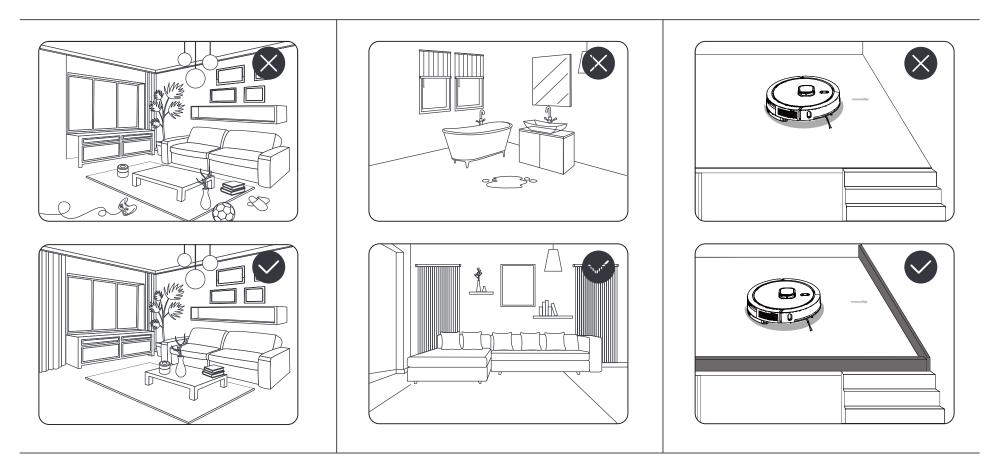


Product usage/preparation

! Notes

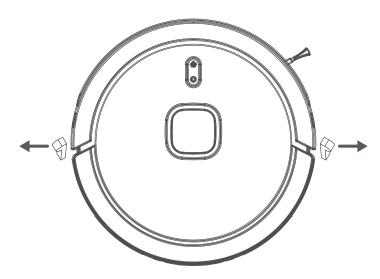
1.Before starting the vacuum cleaner, clean up wires and sundries scattered on the ground, and remove easy-to-fall, fragile, valuable and potentially dangerous items. Avoid being entangled, jammed, dragged, or knocked down by the main unit; otherwise, personal or property damage may be resulted.

2. Avoid using this product in a watery area, otherwise the fan may be damaged and the performance of the vacuum cleaner will be affected. 3.It's forbidden to use the product in a high area where has no protective barrier.

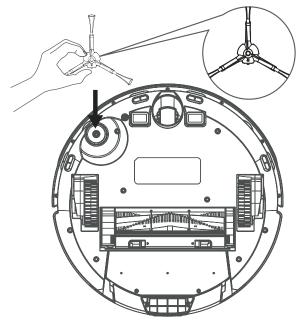


Product usage/preparation

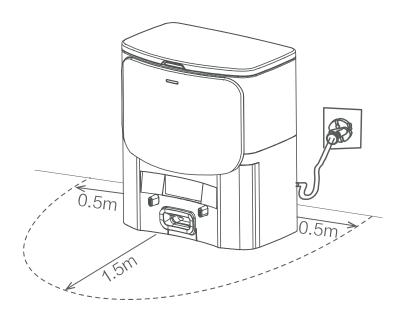
1.Before using the robot, please remove the protective strip from both sides.



2.Install the side brush.

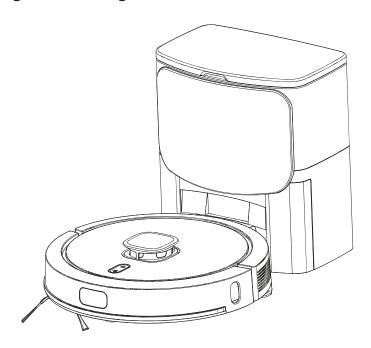


3.Place the Self-empty Station on a hard and level surface against the wall. Connect the power supply. Do not place any items 1.5 ft or 0.5m to the left and right and 5 ft or 1.5 m in the front of the self-empty station. Confirm that the dust bag has been installed and the dust cover has been closed.



Product Usage/Robot Charging

4. Charging: Place the Robot on the self-empty station for charging (the recharging indicator light flashes during charging and it's steady when charging is finished. The charging time is about 6.5hours.) During the cleaning process, the Robot can sense that the power is insufficient and automatically start the recharging mode to find the self-empty station. You can also command the robot to start the recharging mode through the APP.



() Charging attention:

- Do not use the self-empty station in a highly reflective environment such as the environment exposed to direct sunlight or with mirrors nearby.
- To ensure the normal working time of the robot, please full charge it before using it. The charging time is about 6.5 hours.
- Please make sure the dust bag has been installed before use..

Product Use/installation and network connection

1. Download APP: Download Smart Life APP, register and log in



2. Preparation

- Tap "+" on upper-right corner to add the device, and choose vacuum robot(Wi-Fi) under Small Home Appliance
- Pls make sure that the Wi-Fi is 2.4GHz and input correct Wi-Fi password.
- Long press the recharge button 3s', robot will prompt "Wi-Fi reset" and Wi-Fi indicator starts flash.

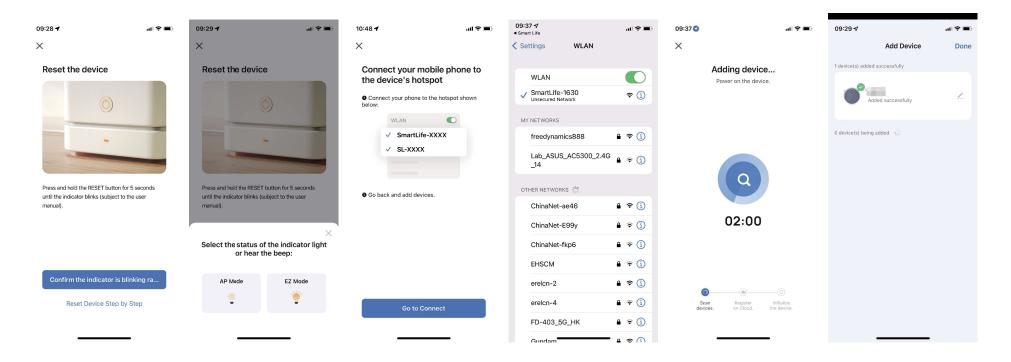






3. Network connection

- Tick "Confirm indicator slowly blink" and then click" Next"
- Choose "AP Mode" from the pop-up window
- Find the password-less hotspot named SmartLife-XXXX from the mobile Wi-Fi list and connect it
- Return to Smart Life APP after successfully connect to hotspot Wi-Fi, click the bottom to confirm that the connection is correct, and continue to the next step
- Wait for the prompt of connection finished, then you can start operate the robot



Product usage/use instruction

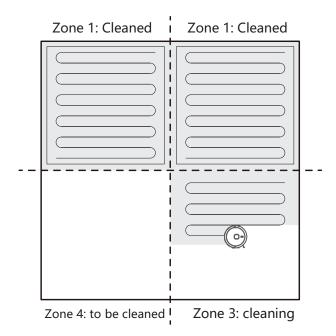
Power On/Off

Long press (I) key to power on the robot, power indicator light on and robot enters into standby mode. When the robot in quiescent state, long press (I) key to power off the robot, then the cleaning ends.

Notes: The robot can not power off while charging.

Start Cleaning

Press (I) key to start cleaning at the self-empty station, the robot dynamically plans the cleaning path according to the map generated by scanning and completes the cleaning of different zone one by one. In each zone, the robot starts edge cleaning firstly and then fulfills the remaining part by zigzag cleaning.



Notes:

- The robot can not start cleaning if the battery is too low. Please start cleaning after charging.
- Please tidy up all kinds of cables(including the power cable of the self-empty station)
 on the ground before cleaning, otherwise, the robot may drag the cables and lead to
 the power off of other home appliances or damaged items or cables.
- If the cleaning zone is less than 4 square meters, the robot will clean twice by default.
- Resume cleaning: If the battery is insufficient during cleaning, the robot will back to
 the self-empty station for recharging and automatically resume to the interrupted
 place to continue cleaning after being fully charged. (This function can be opened or
 closed on APP)

Pause

While working, you can press (1) to pause the robot if the water tank needs to add water or clean the mop. Press the (1) key to continue cleaning, or press & key back to the self-empty station and ends the cleaning.

Notes: If the robot is put back to the self-empty station in a pause state, the cleaning will end.

Sleep Mode

If no operation is performed beyond 10 minutes, the robot automatically enters the sleep mode, and the power indicator off. In the sleep mode, you can press any button to wake up the robot.

Notes:

- The robot can not enter sleep mode while charging on the self-empty station.
- If the sleep time exceeds 12 hours, the robot automatically powers off.

Charging

Auto mode: The robot will automatically back to the self-empty station for charging after cleaning is finished.

Manual mode: Press button to start recharging during pause state.

The power indicator light blinks in breathing manner while charging.



Notes: If the robot can not find the self-empty station, it will back to the starting point automatically. Please put the robot back in the self-empty station manually.

Fault State

If the robot encounters a fault while working, the power indicator blinks quickly in red, and a voice prompt is generated.



- If no operation is performed beyond 10 minutes, the robot automatically enters the sleep mode.
- Put the robot back to charge on the self-empty station in a fault state, the cleaning will end.

Reset Wi-Fi

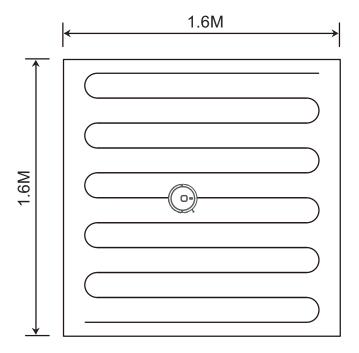
If your mobile phone fails to connect to the robot due to reasons such as change of router settings, forgetting of password or some other reasons, please enter the Wi-Fi configuration mode on your mobile phone according to the network connection instructions

Notes: If the robot is in wait-to-connect state for more than 2 minutes, the Wi-Fi function will automatically close. To reconnect the robot to your mobile phone, please reset the Wi-Fi settings.

Clean a pointed zone

You can specify a target point on the APP map, the robot will automatically plan a route to the point. If you use this function when the robot is in standby or pause state, the robot will clean a 1.6*1.6 square meters zone which centered by the robot. After cleaning, the vacuum cleaner will automatically return to the starting point and stop working.

Notes: If you start partial cleaning when the robot is in pause state, the current cleaning task will be stopped.



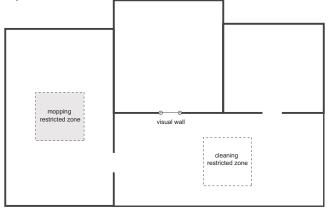
Set a restricted zone/ invisible wall

You can set a restricted zone or invisible wall in the app. After the setting is completed, the robot will not enter the restricted zone or cross the invisible wall for cleaning.



Notes:

- Before using this function, you need to open the map save mode in APP setting.
- This function is only used to divide cleaning zones, but cannot be used to block dangerous zones.
- If the vacuum cleaner is moved or there are big changes in the home, the map may become invalid and the settings of the invisible wall or restricted zone may be lost.



Clean selected zones

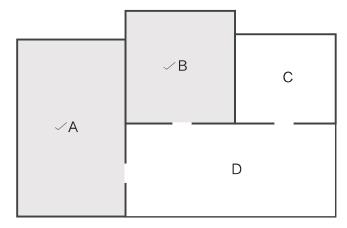
You can select cleaning zones in the app. The robot will clean one or more rooms based on the zones that you select on the app map, and you can set room cleaning times in the current mode.



Notes:

Before using this function, you need to open the map save mode in

- APP setting and the robot has to generate a map for cleaning.
- After cleaning starts, the robot may move to a place beyond the selected zone.
 Make sure that you have cleared the obstacles on the ground around the selected zone, which cannot be used for safety isolation



More APP functions

Real-time map update	Download of multi-language		
Invisible wall and restricted zone setting information display in Cleaning record	Map management: display of the invisible wall and restricted zone		
Manual control	Firmware update		
Volume adjustment	Robot positioning		
APP customized mode:judge to clean based on whole room or single zone	Zone separation, zone integration, zone restoration, Adding the map loading interaction prompt and the synchronization success or failure prompt		
Zone-based cleaning method (1)Cleaning sequence (2)Cleaning/mopping time (3)Fan speed (4)Water tank capacity	Choose quite, standard Powerful mode in APP.Standard by default		

Scheduled cleaning

You can set the scheduled cleaning time in the app. The robot will automatically start cleaning upon the specified time, and return to the self-empty station after it completes a cleaning.

Clean a divided zone

You can set the cleaning of a divided zone after the map generated in APP. The robot start cleaning based on your selected zone. You can also set the cleaning time in current mode.

Notes: After cleaning starts, the robot may move to a place beyond the divided zone. Make sure that you have cleared the obstacles on the ground around the divided zone, which cannot be used for safety isolation.

Resumable cleaning

After you enable the resumable cleaning function, it is automatically triggered when the cleaning task is not completed and the battery is insufficient. You do not need to do any other settings. After you enable the DND mode in the app, the robot does not carry out resumable cleaning.

When the robot carries out the resumable cleaning function, if you use the app or tap buttons for other instructions, resumable cleaning will fail.

If the robot cannot access a zone for cleaning due to a closed door or a high door sill, the resumable cleaning function will be affected.

DND mode

During the DND period, the robot will not automatically resume to cleaning, not lower the voice prompt volume or indicator brightness. You can disable the DND mode in the app.

Remarks: When the map is not editable, it cannot be saved and the map management function is unavailable. We recommend that you save the map and use the map management function after the map is stable.



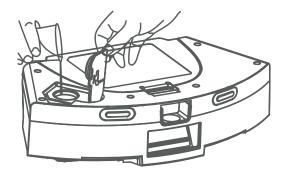
Tip: The functions and details of the app may change slightly due to continuous development and upgrade. It's subject to the actual version.

Product usage/mopping

① Charging attention:

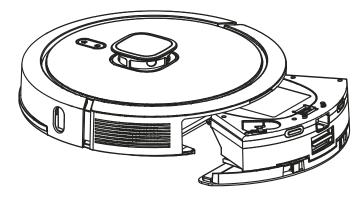
- Do not use the mopping function on a carpet.
- Please empty the water tank and clean the mop in time aftermopping finished.

A. Add water

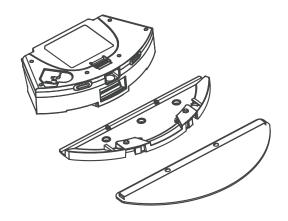


Notes: The water tank can be added with detergent or 84 disinfectant as cleanser (concentration ≤5%), and non-specified cleanser should not be used.

C. Install watertank assembly



B.Install/uninstall the mopping pad



Component Maintenance/Regular maintenance

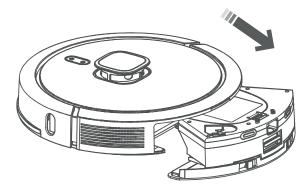
Regular maintenance

To achieve the best cleaning effect, clean and maintain the robot regularly according to below table. Determine the frequency of cleaning and maintenance according to your use habits.

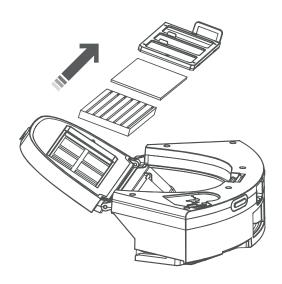
Parts	Cleaning Frequency	Replacement Frequency		
Filter	Weekly	Every 2 months		
Roller brush	Weekly	Every 6 to 12 months		
Side brush	Side brush Monthly Every 3 to 6 months, or when it is obviously damage.			
Roller brush cover	Monthly	Every 3 to 6 months, or when the rubber silicon strip on the roller brush cover is obviously damaged		
Sensor	Monthly	When it is obviously damaged		
Charging pins	arging pins Monthly /			
Universal wheel	Monthly	/		
Dust Bag	/	Replace when the self-empty station prompts it is full of dust, or replace it once after using it 10 times.		

Component Maintenance/2 in 1 Water Tank

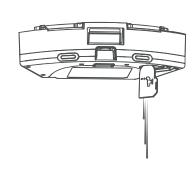
A.Press down the watertank button to Take it out



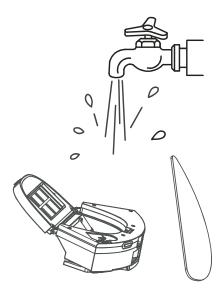
D.Take out the HEPA filter and primary filter. Tap the HEPA filter to remove dust. Water washing is not recommended for the HEPA filter.



B. Empty the watertank



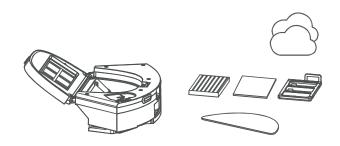
E. Empty the watertank and wash the mop.



C.Open the dustbin and dump the trash



H. Dry the dust box and filter components, and keep them dry to ensure their service life.

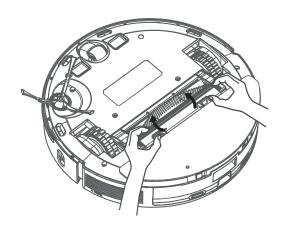


Note:

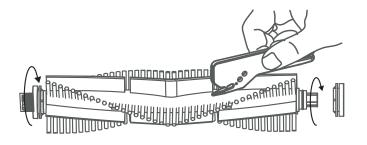
- Before installing filters, ensure that the primary filter and HEPA filter are dry.
- Do not expose the primary filter and HEPA filter to the sunlight.

Component Maintenance/Main Brush and Side Brush

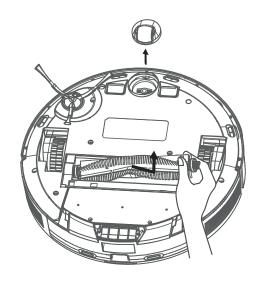
A. Open the roller brush cover assembly



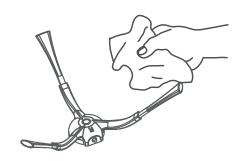
C. Use a tool to clean the tangled hair



B. Take out the roller brush



D. Clean the side brush



Component Maintenance/Charging Electrode, Cliff Sensor, Drive Wheel And Universal Wheel

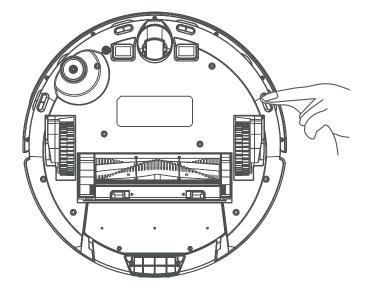


Notes: Charging electrode, cliff sensor and bumper assembly contain sensitive electronic components, please use dry cloth to clean them, and do not use wet cloth to prevent damage caused by water.

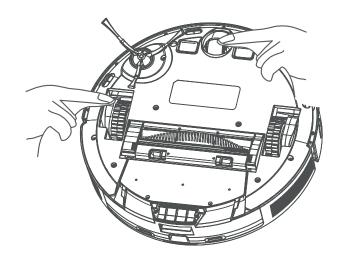
Clean the charging pins



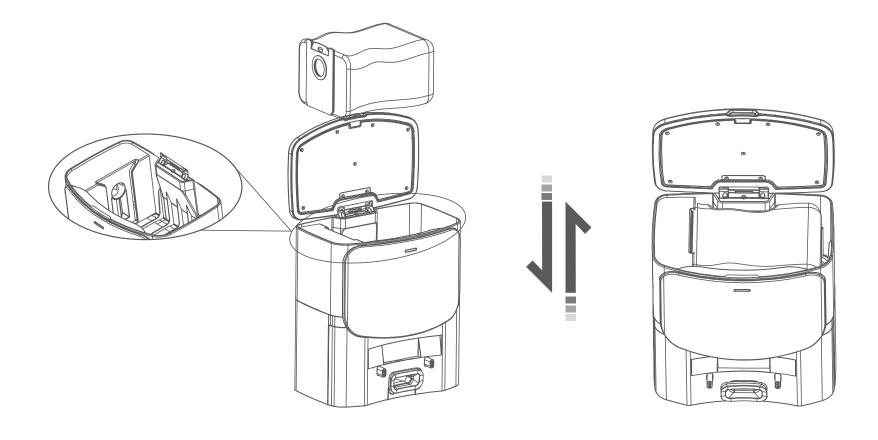
Clean the cliff sensor



Clean the drive wheels and universal wheel



Replace the dust bag



Notes: Replace the dust bag when the dust is full.

Trouble shooting

Error prompt	Solution
Laser head is blocked or stuck	The laser ranging sensor is blocked or jammed by a foreign object. Remove the obstruction or foreign object. If it cannot be removed, move the robot to a new position and then start it.
Collision sensor get stuck	The bumper is stuck. Tap the bumper for several times to remove the foreign object. If there is no foreign object, move the robot to a new position and then start it
Wheel suspend	The wheel is suspended. Please move the robot to a new position and then start it.
Anti-fall sensor is blocked	Anti-fall sensor may become dirty, please wipe the sensor.
Side brush is entangled	The side brushes may be entangled with foreign objects. Please disassemble and clean the side brushes
Right/left wheel is entangled	The wheel may be entangled with foreign objects. Please clean the wheel and start the robot again.
Roller brush is entangled	The roller brush may be entangled with foreign objects. Please clean the wheel and start the robot
Low battery, please charge	The main unit may be stuck. Please remove the obstacles around the robot.
Charging problem. please check	The power is insufficient. Please charge the robot before charging.
The robot is trapped	The battery temperature is too high or too low. Please wait and use the robot after the battery temperature becomes normal.
The dust bag is full	Please replace the dust bag
The dust bag is not installed	Please install a dust bag before collecting dust
The dust cover is not covered properly	Please close the dust cover before collecting dust
Dust collection is too frequent, please try again later	Too many dust collection times in a short time. Please try again later
Please check whether the dust collector is blocked	Open the dust channel for cleaning

Trouble shooting

Fault type	Solution				
Fail to power on the robot	The battery power is insufficient. Please use the robot after charging on the self-empty station. The battery temperature is too high or too low. Please use the robot when the ambient temperature is 0°C to 40°C.				
Fail to charge the robot	The self-empty station is not connected to the power supply. Please check whether the self-empty station indicator is on. Please make sure that both ends of the self-empty station power cord are properly connected. The self-empty station is not in proper contact with the robot. Please clean the self-empty station shrapnel and the charging contact of the robot.				
Slow charging	When used in a high or low temperature environment, the robot will automatically decrease the charging speed to extend the battery life. The charging contact area may be dirty. Please clean the area with a dry cloth.				
Fail to return to the self-empty station	There are too many obstacles around the self-empty station. Please place the self-empty station in an open area. The robot is too far away from the self-empty station. Try to place the robot near the self-empty station.				
Abnormal behavior	Power off the robot and then power on it again.				
There is abnormal noise during cleaning.	The roller brush, side brushes, or main wheel may be entangled with foreign objects. Clean them after powering off the robot. The universal wheel is covered by dust or is entangled during cleaning. It is recommended that you use a screwdriver to pull it out and rinse it.				
The cleaning performance is degraded, or ash is dropped.	The dust box is full. Clean the dust box. The filter is blocked. Clean the filter. The roller brush is entangled with foreign objects. Clean the roller brush.				

Fault type	The Wi-Fi function is not activated. Reset the Wi-Fi connection, and try again. The Wi-Fi signal is not good. Ensure that the robot is located in a place with good Wi-Fi signals. The Wi-Fi connection is abnormal. Reset the Wi-Fi settings, download the mobile app of the latest version, and try to connect to the Wi-Fi network again. The Wi-Fi network suddenly cannot be connected. The family router settings may be incorrect. In this case, contact the customer service for help.			
The Wi-Fi network cannot be connected.				
Scheduled cleaning cannot be performed	The power is insufficient. Scheduled cleaning will be started only when the remaining power is more than 20%.			
Is any power consumed if the vacuum cleaner always stays at the self-empty station	The power consumption is extremely low when the vacuum cleaner always stays at the self-empty station. This helps to keep the battery in the best performance.			
Is it necessary to charge the battery for 16 hours in the first three times	The lithium battery does not have a memory effect. It can be used instantly after it is fully charged. There is no need to wait 16 hours.			
The water tank does not output water or the water output is less.	Check whether there is any water in the water tank. Use the mobile app to set the water output to the maximum value. Install the mopping cloth and mopping pad properly according to the manual.			
The power is insufficient during cleaning. It does not continue cleaning after the robot back for charging.	Check whether the main robot is in DND mode. The robot will not continue cleaning in DND mode. The robot will not continue cleaning if the robot is manually put back into the self-empty station.			
The robot cannot return to the self-empty station after partial cleaning or after its position is moved.	The robot will re-generate a map after partial cleaning or after it is moved far away. If the robot is far away from the self-empty station, the robot may fail to return to the self-empty station by itself. In this case, manually put the robot back to the self-empty station.			
The robot misses some areas when cleaning.	The wall sensor or cliff sensor may get dirty. It is recommended that you wipe the sensors using a soft dry cloth.			

Parameters

Classification	Items	Parameters		
	Diameter	Ф350mm		
Robot	Height	98mm		
	Net weight	3.24kg		
Self-Empty Station	Self-empty Station Size	280*193*320mm		
Sen-Empty Station	Weight	3.5KG		
Patton	Voltage	14.4V		
Battery	Battery	5200mAh rechargeable lithium battery		
	Dust box capacity	300ml		
	Watertank capacity	300ml		
	Dust Bag Capacity	3L		
Cleaning Parameters	Charging type	Auto charging and manual		
T drameters	Cleaning mode	Entire house cleaning; Selected zone cleaning; Divided zone cleaning; Pointed zone cleaning		
	Charging time	About 320min		
	Cleaning time	About 180min		
Tobot	Rated power (W)	28W		
10000	Self-empty Station Fan Power	900W		

Due to the continuous improvement of the product, the product specifications are subject to the actual product. Our company reserves the right to update the product.

Security Information

	Hazardous Substance					
Component Type	Lead (Pb) and its compounds	Mercury (Hg) and its compounds	Cadmium (Cd) and its compounds	Hexavalent chromium (Cr(VI)) and its compounds	Polybrominated biphenyls (PBB)	Poly Brominated Diphenyl Ethers(PBDE)
Plastic parts	0	Ο	0	0	0	0
Metal parts	X	0	Х	0	0	0
Circuit module of the Robot	Х	0	х	0	0	0
Electronic component	0	0	0	0	0	0
Battery	0	Ο	0	0	0	0
Power cord (Metal part)	х	0	Х	0	0	0

O: It means that the content of the hazardous substance in all homogeneous materials of the part is below the limit requirement specified in the currently valid edition of EU ROHS.

Standard compliance:

IEC/EN 60335-1 EN 300 328

IEC/EN 60335-2 EN 55014-1 EN 301 489-1

EN 55014-2

EN 301 489-17 FCC Part 15B

X: It means that the content of the hazardous substance in at least one of the homogeneous materials of the component exceeds the limit requirement specified in the currently valid edition of EU ROHS. The content of the hazardous substance in the component is in the RoHS exemption list, and meet the environmental protection requirements of the 2011/65/EU and (EU)2015/863 ROHS Directive.



Product name: Robot Vacuum Cleaner

Product model: G3

Manufacturer: Shenzhen Free Dynamics Development Co., Ltd.

Address: Room 1201, South Block, Yuanxing science and technology building, Nanshan District, Shenzhen, China

Web.: www.freedynamics.com

Frequency Range: 2412MHz-2462MHz

Max. Power: 23.09dBm

SIMPLIFIED EU DECLARATION OF CONFORMITY

The simplified EU declaration of conformity referred to in Article 10(9) shall be

provided as follows:

Shenzhen Free Dynamics Development Co., Ltd. declares that radio equipment (G3/G5/G7)

is in compliance with Directive 2014/53/EU, and this product is allowed to be used in all EU member states.

The full text of the EU declaration of conformity is available at following

This product can be used across EU member states.

BATTERY Warning: CAUTION:RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS



FCC STATEMENT:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference, and

This device must accept any interference received, including interference that may cause undesired operation.

Warning: 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.

FCC Radiation Exposure Statement:

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.