V-TAC
Meaningful Innovation.

WEEE Number: 80133970

INSTRUCTION MANUAL

SMART ROBOT VACUUM

AUTO CHARGING LASER
ROBOTIC VACUUM CLEANER



SMART CLEAN
SMART, SELF-PROGRAMMED
CLEANING PATH NAVIGATION

MULTI CLEANER
2-IN-1
MOPPING AND CLEANING

SMART CONNECT
WIRELESS WIFI APP
REMOTE CONTROL

TECHNICAL DATA

MODEL	VT-5557
SKU	7749, 7750
RATED POWER	42W
CLEANING AREA COVERAGE	Upto 120 Sq. meters
2 IN 1 DUST BIN CAPACITY	240 ml
2 IN 1 WATER TANK CAPACITY	250 ml
SUCTION POWER	Brushless motor 2000PA
NOISE LEVEL	<65dB
CONSTRUCTION MATERIAL	Engineered ABS Housing
ROBOT VAC RECHARGEABLE BATTERY	14.4V Li-ion, 2600 mAh
WORKING TIME	110 minutes
DIMENSION	320x320x92.5mm

WORKS WITH alexa

works with Ok Google

02 YEAR WARRANTY*

Smart Life

MULTI-LANGUAGE MANUAL QR CODE
Please scan the QR code to access the manual in multiple languages.

INTRODUCTION

Thank you for selecting and buying V-TAC product. V-TAC will serve you the best. Please read these instructions carefully before starting the installation and keep this manual handy for future reference. If you have any another query please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best.

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IMPORTANT SAFETY INSTRUCTIONS

- To reduce the risk of injury or damage, read these safety instructions carefully and keep them at hand when setting up, using, and maintaining this device.
- Any operation not conforming to this manual may cause damage to this product.



WARNING SYMBOLS USED

This is the safety alert symbol. This symbol alerts you to potential hazards that could result in property damage and/or serious bodily harm or death.

- This device can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of this device in a safe way and understand the hazards involved.
- Children should be supervised to ensure they do not play with this device.
- Cleaning and maintenance shall not be performed by children without adult supervision.
- This device is only to be used with the power supply unit provided.
- For the purposes of recharging the battery, only use the detachable power supply unit provided with this device.
- The used battery should be placed in a sealed plastic bag and disposed of safely according to local environmental regulations.
- The external flexible cable or cord of the power supply unit cannot be replaced; if the cord is damaged, the power supply unit shall be disposed of.
- This device is for indoor use only.
- This device is not a toy. Do not sit or stand on this device. Small children and pets should be supervised when this device is operating.
- Store and operate this device in room temperature environments only.
- Do not use this device to pick up spills of bleach, paint, chemicals, or anything wet.
- Before using this device, pick up objects like clothing and loose paper. Lift up cords for blinds or curtains, and move power cords and fragile objects out of the way. If this device passes over a power cord and drags it, an object could be pulled off a table or shelf.
- If the room to be cleaned has a balcony, a physical barrier should be used to prevent access to the balcony and to ensure safe operation.

- Do not place anything on top of this device.
- Be aware that this device moves around on its own. Take care when walking in the area where this device is operating to avoid stepping on it.
- Do not operate this device in areas with exposed electrical outlets on the floor.
- Do not expose the electronics of this device, its battery, or the integrated Charging Base. There are no user-serviceable parts inside.
- Do not use this device on an unfinished, unsealed, waxed or rough floor. It may result in damage to the floor and this device. Use only on hard floor surfaces or lowpile carpet.
- This device has been designed to be used on floors without scratching them. We still recommend that you test this device on a small area of the room to be cleaned to ensure no scratches are made before cleaning the whole room.
- 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.
- Do not use a damaged docking station.
- Ensure that the robot laser vacuum is not connected to the mains supply before cleaning.
- Remove the plug from the socket outlet before cleaning or maintaining the appliance.
- Only authorized technicians can disassemble this product.
- Users are not recommended to disassemble this product by themselves.
- Do not touch wires, sockets or power adapter when your hands are wet.
- Clean the product after charging.
- Do not use the product in a humid environment.
- Do not place the product where it is easy to fall off(such as tables, chairs etc)
- Check carefully that the power adapter is connected with the socket before use. Otherwise it may result in damaging the battery.
- When the dust box is full, empty the dust box before using the product.
- Use only the original rechargeable battery and docking station provided in the package. Do not use non-rechargeable batteries. For battery specifications, see “Product Specifications”.
- Do not use the product in an extremely hot (above 40°C) or extremely cold (below 0°C) environment.
- Keep the hair, clothes, fingers and other parts of the human body away from the opening or operating parts of the product.
- Do not use the product to vacuum any items that may block the product, such as stones and waste paper.
- 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.
- Do not use the product to vacuum any burning items, such as cigarettes, matches, ashes and other items that may cause fire.
- This product can only be used for floor cleaning at home. Please do not use it in outdoor (such as an open balcony), non-ground (such as a sofa), commercial or industrial environment.
- Do not use the machine in the suspended environments without protective fences (such as duplex floor, open balcony, and top of furniture).
- Please hang up the ground wires at home before use to avoid dragging the wires when the main unit is running.
- Please put away the fragile articles and sundries (such as vases, plastic bags, etc.) on the ground; otherwise, the machine may be blocked or a slight collision may cause damage to valuables at home.
- Do not place any objects (including children and pets) on the stationary or moving machine.
- Do not use the machine to clean long-haired carpets. Some dark carpets might not be cleaned normally.
- Do not use the machine to vacuum hard or sharp objects, such as decoration waste, glass, nails, etc.
- Do not use the protective cover of the laser ranging sensor or bumper as a handle to carry the machine.
- Please clean or maintain the machine and charging base when the machine is shut down or powered off.
- Do not use a damp cloth or any liquid to wipe any part of the machine.
- Do not use the mopping function on the carpet or the top of furniture.
- Remove the water tank when charging the machine.
- Do not use any third-party batteries, charging bases or chargers.
- Do not disassemble, repair or modify the battery or charging base without permission.
- Do not place the charging base near heat sources such as heating radiators.
- Do not use a damp cloth or wet hands to wipe or clean the charging base shrapnel.
- Dispose of used batteries properly and send them to professional recycling agencies.
- If the power line is damaged or broken, stop using it immediately and buy a new one through official channels.
- When transporting the product, ensure that the machine is shut down, and it is recommended to use the original packaging box for packaging.
- If you do not use the machine for a long time, fully charge it, power if off and put it in a cool and dry place. The machine shall be charged at least once every three months to avoid damage to the battery due to over-discharge.

Notice



This symbol on the device or its packaging indicates:
Do not dispose of electrical appliances as unsorted municipal waste; use separate collection facilities. Contact your local authority for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. When replacing old appliances with new ones, the retailer is legally obliged to take back your old appliance for disposal at least free of charge.

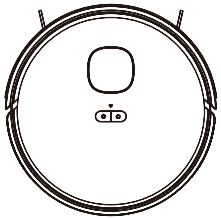
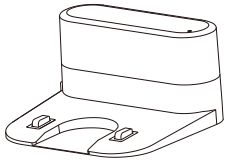
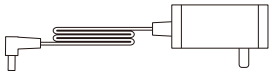
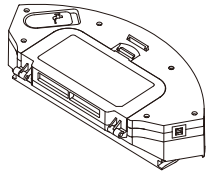
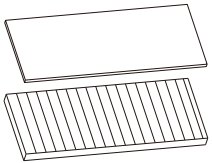
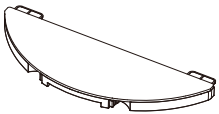
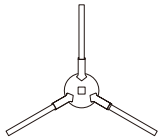
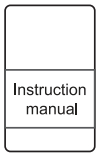




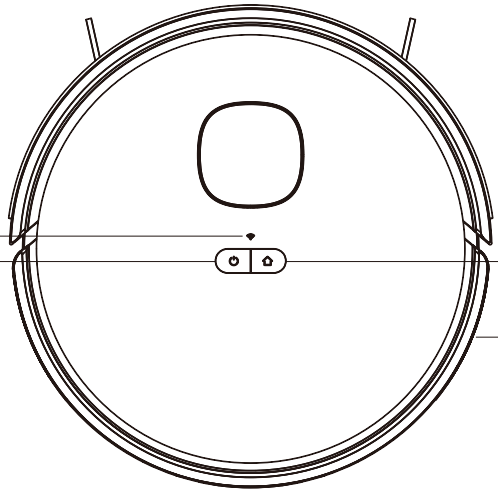
Caution, risk of electric shock.

RoHS

PACKAGE CONTENTS

 Robot	 Docking Station	 Power Adapter	 2in1 Dustbin & Water Tank
 High Efficiency Filter + Sponge	 Mop Holder	 Cleaning Brush	 Side Brush (2 sets)
 Mop Pad	 Instruction manual		

MAIN UNIT



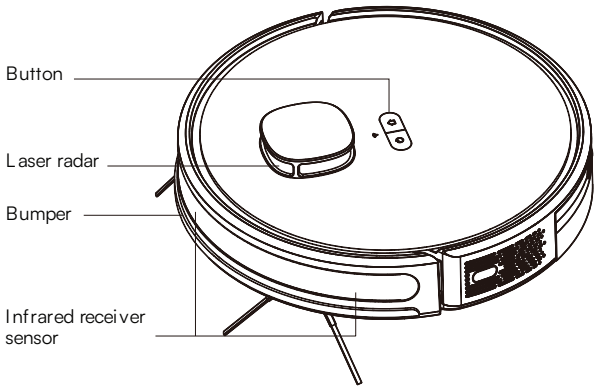
WIFI status light
- Off: Wi-Fi not networked
- Flash: Being networked
- Normally on: Wi-Fi networked

Power / Clean/Pause
- Press and hold the button for 3 seconds to power on/off
- Press the button to start cleaning/pause

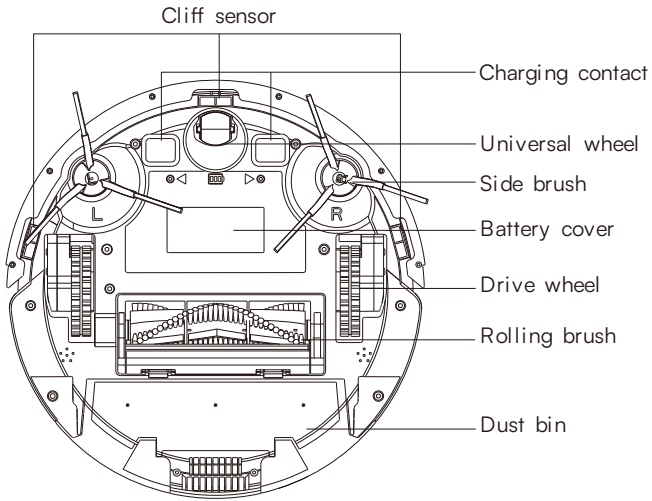
Recharge/Pause
Press it to recharge/pause

Reset System reset button
Use a needle to press this button to reset the device

SENSOR AND STRUCTURE



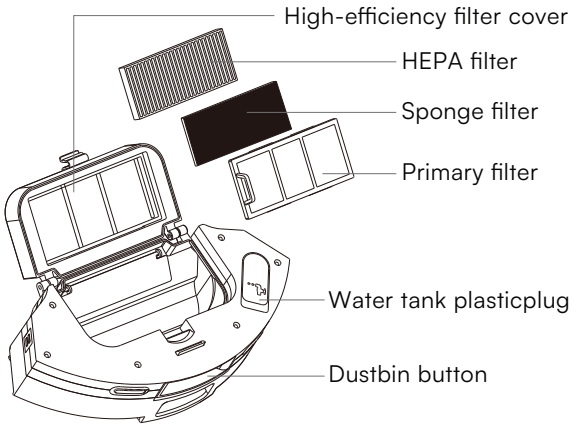
FRONT SIDE



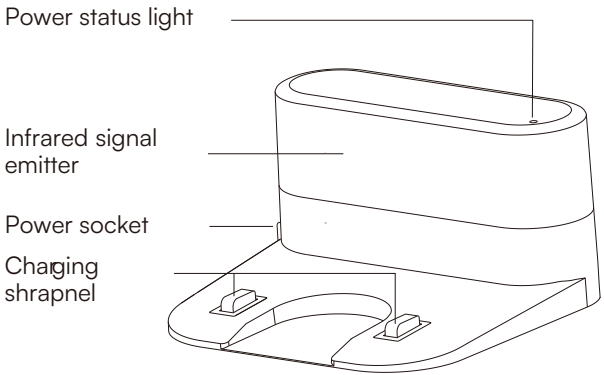
BACK SIDE

PRODUCT COMPOSITION / PART NAME

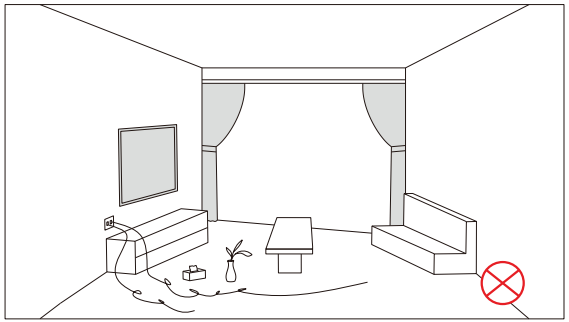
DUST BIN ASSEMBLY

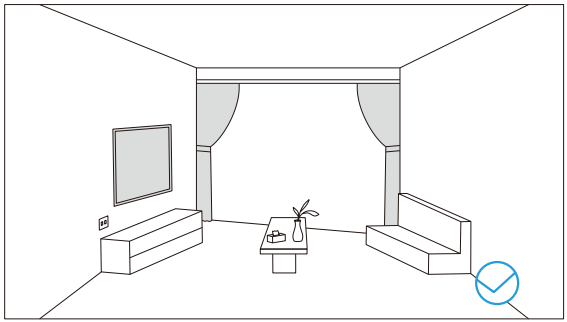


DOCKING STATION

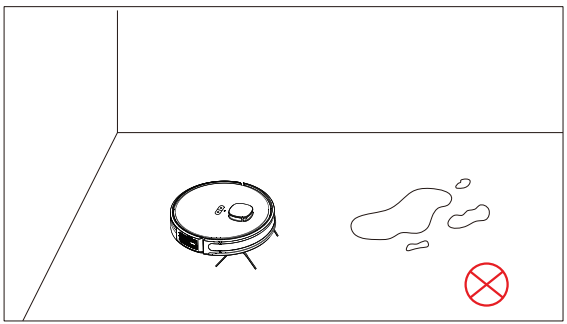


PRECAUTIONS

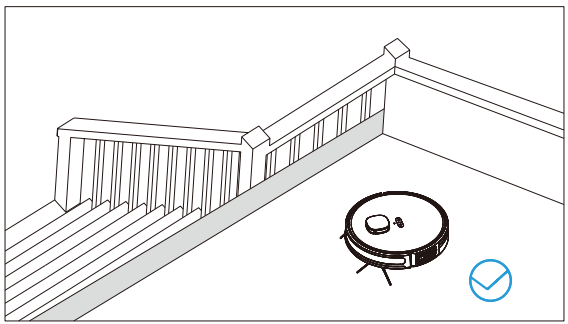




1. Before starting the vacuum cleaner, clean up wires and sundries scattered on the ground, and remove easy-to-fall, fragile, valuable and potentially dangerous items. Avoid being entangled, stuck, dragged or knocked down by the main unit; otherwise, personal injury or property damage may be caused.



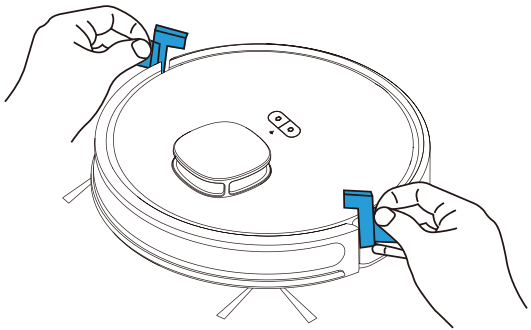
2. Do not use the robot to clean liquid



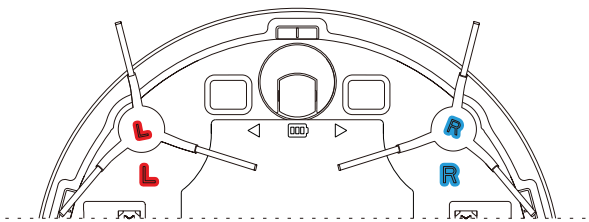
3. When used in a suspended circumstance, it shall be protected by rails to avoid accidental falling or pushing other articles from falling; otherwise, personal or property

INSTALLATION

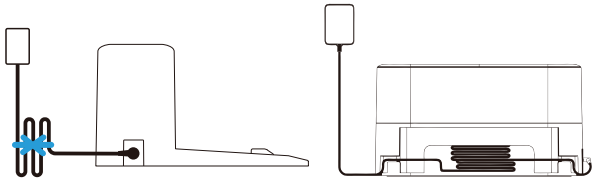
1. Remove the protection material from both sides of the robot



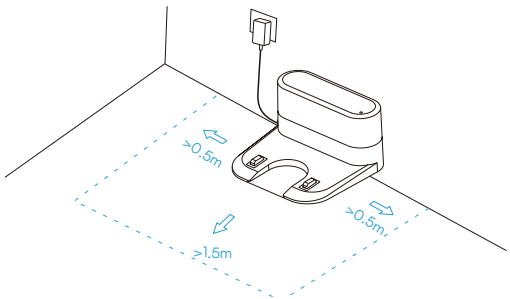
2. Install side brushes
Put the left side brush (L) and right side brush (R) against the letters L and R on the bottom shell respectively, press down, you will hear a “click” sound, and it means that the side brushes are installed in place.



3. After connecting the power adapter to the power supply, connect it to the charging base and tidy up the redundant wires.

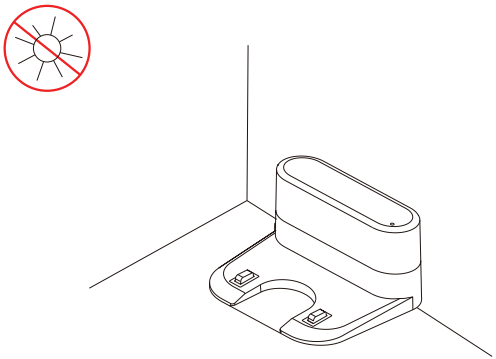


4. Place the charging base on a flat ground against the wall and connect to the power supply.



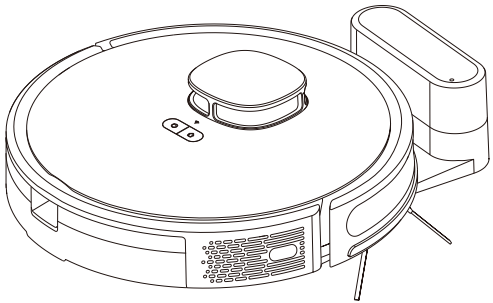
Note: Ensure a space more than 0.5m from the left and right of the charging base and 1.5m in front of the charging base.
The power line perpendicular to the ground may be dragged by the main unit, and the charging base may be powered off.
The charging indicator light is normally on when the main unit is powered on.

5. Do not move the charging base at will; avoid direct sunlight on the charging base



Note: The sunlight may interfere the recharging signal, which may cause the robot vacuum cleaner to fail to return to the charging base.

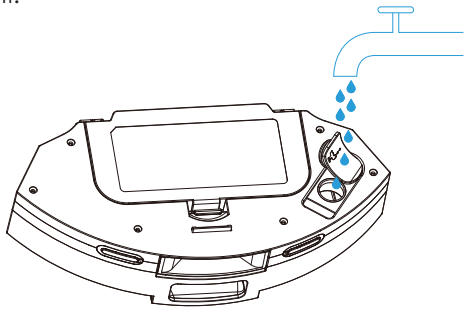
6. Power on and charge
Press and hold the “⏻” button to power on. When the indicator light is normally on, put the main unit against the charging base for charging; when you hear the voice of “Start charging”, it means that the robot is being charged successfully.



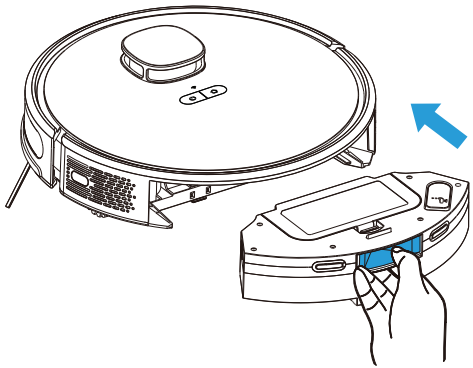
Note: If the battery is at low level, the robot cannot be powered on. Please put the robot vacuum cleaner on the charging base and the device will be powered on automatically

INSTALLATION

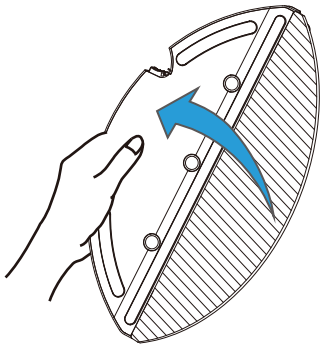
1. Open the water injection cover, add appropriate amount of water and then cover tightly, please do not add any detergent.



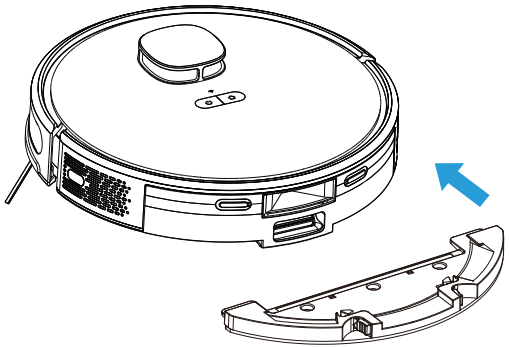
2. Put the water tank back into the robot



3. Install the mop on the mop support

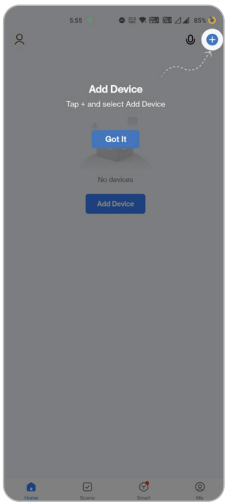


4. Install the mop support

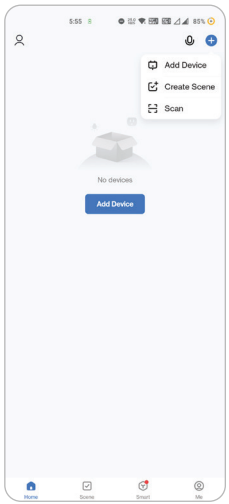


APP INSTALLATION INSTRUCTIONS

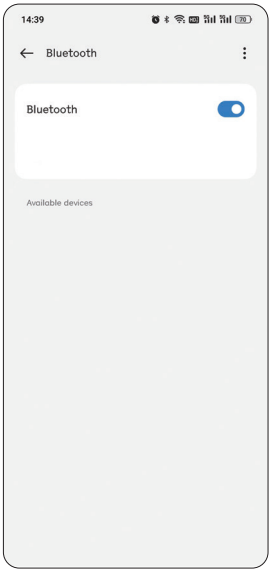
Scan the given QR code, or download “Smart Life’ from the App Store (iOS) or the Google Play Store (Android).



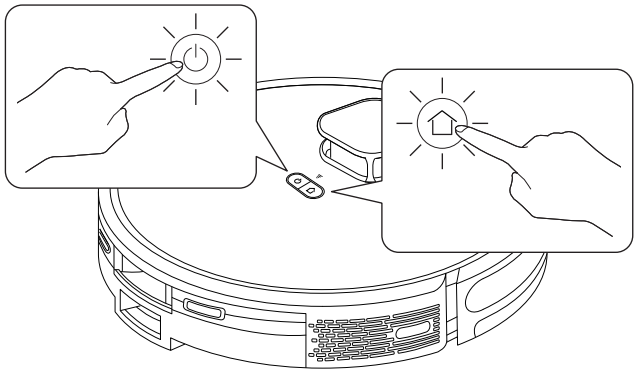
2. Enable Bluetooth and Home Wifi for the device to access your wifi connection for pairing



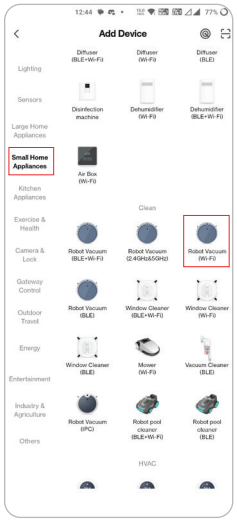
3. Click “Add a device” or “+” in the top right corner.



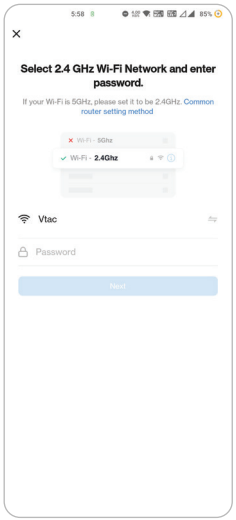
4.Bluetooth ON in the mobile



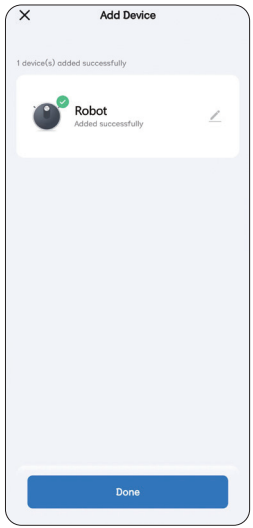
5. First start the robot vacuum cleaner, press and hold the ⏻ and ⌂ keys on the main unit at the same time for 3 seconds, and when you hear the voice prompt of “AP mode” and the WiFi indicator light flashes slowly, it means that the machine has entered the networking mode.



6. Click on the Lighting choose “RobotVaccum (Wi-Fi)“



7. Select 2.4GHz Wi-Fi network and enter the password



8.Click on DONE to complete the connection

Step 9: Once you have successfully completed step 8, you will be redirected to “Connecting Now” page, where the App searches, registers and initializes the device (ref Fig 14). Once it is completed your device will be successfully paired.

Step 10: Once your device is successfully paired, rename the device to your preference. And then tap on completed. (Ref Fig 15)

Step 11: You can now start controlling your device with the App. Tap the device name on the home page to enter the controls and features of the device. (Ref Fig 16)

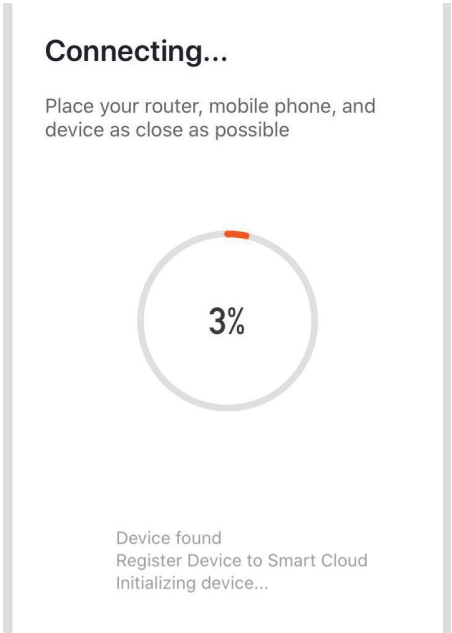


Fig 14

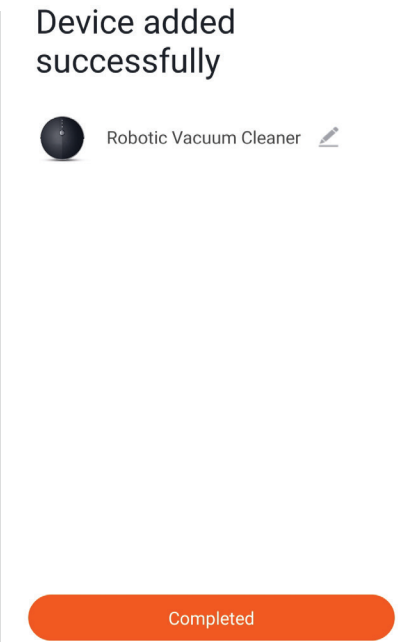


Fig 15

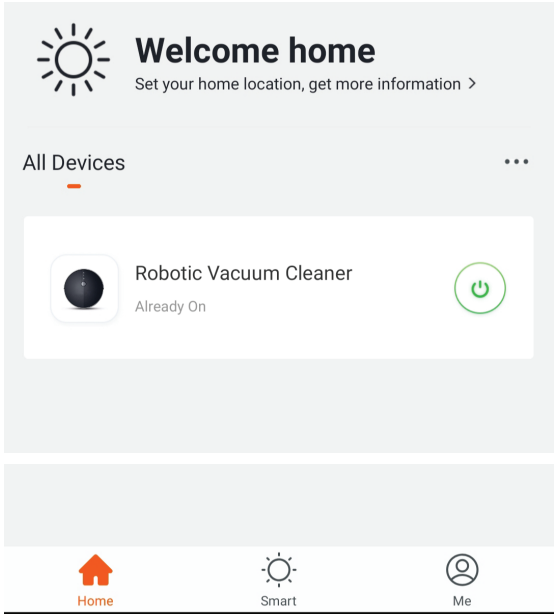


Fig 16

Step 12: Modes And Features

1. APP interface page allows you to control the device remotely offering multiple features (Ref Fig 17).

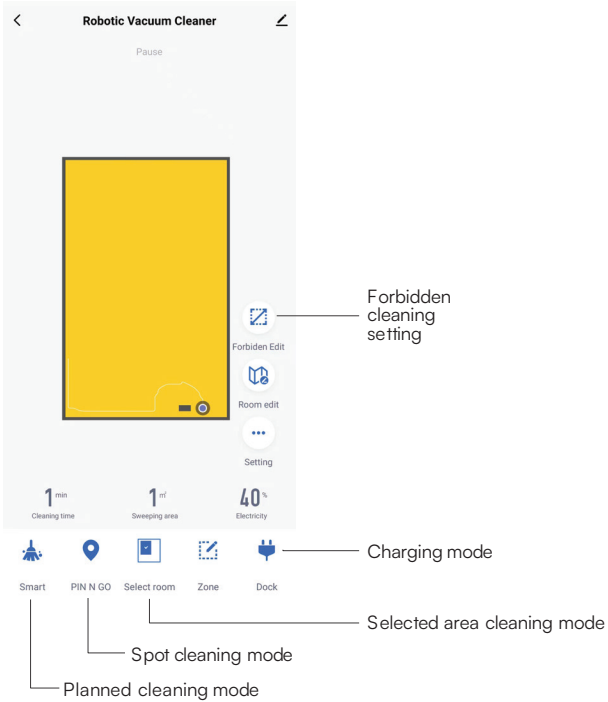


Fig 17

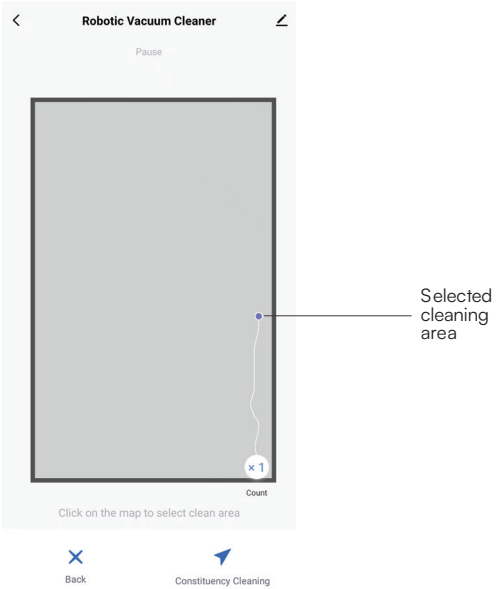


Fig 18

USAGE INSTRUCTION

POWER ON & OFF THE VACUUM CLEANER
Tap and hold the "⏻" button for 3 seconds to power ON the vacuum cleaner. If the indicator light is lit on, it means the machine is started up successfully
When the vacuum cleaner is in a standby state, press and hold the "⏻" button for 3 seconds to power off the machine and stop the current cleaning task. If the indicator light goes out, it means the machine is shut down

NOTE: When the vacuum cleaner is in charging state it cannot be powered off.

START / PAUSE CLEANING
After startup, press the "⏻" key on the main unit or use the remote controller or mobile APP to start cleaning

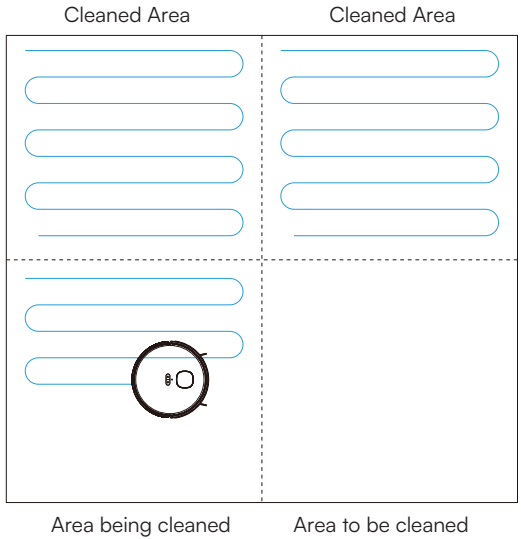
NOTE:
• The robot vacuum cleaner cannot be used to clean liquid
• If the battery capacity is less than 15%, the robot cannot work; therefore, charge the machine before cleaning
• When the battery capacity is less than 15% in the cleaning process, the device will automatically return to the charging base for charging.
• Please tidy up the wires (including the power line of charging base) on the ground before cleaning; otherwise, the wires may be dragged when the machine is cleaning which may cause power failure to electric appliances and damage items or wires.

CHARGE
Automatic mode: After finishing cleaning, the robot vacuum cleaner will automatically return to the charging base for charging.
Manual mode: In pause state, press the "⌂" key to start recharging or use the remote controller or mobile APP to start recharging.

Note: If the robot vacuum cleaner fails to find the charging base, it will automatically return to the starting point; please manually put back the main unit on the charging base for charging

SUCTION SELECTION
Use the mobile APP to select energy-saving, standard and powerful modes (the default is standard mode)

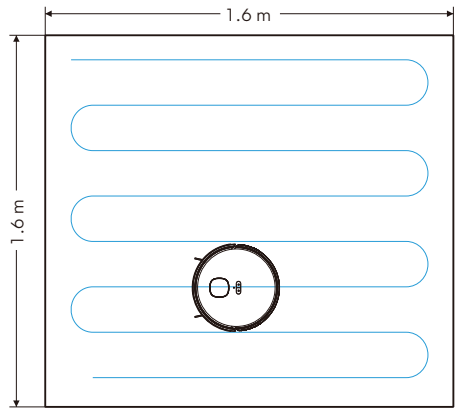
INTELLIGENT CLEANING (DEFAULT MODE)
The robot vacuum cleaner scans the working environment, generates a map and intelligently divides the areas. It will complete cleaning of each area one by one by filling along the Z shape behind the wall. After finishing cleaning, the robot vacuum cleaner will return to the charging base for charging. (In order to better build the map, the robot needs to start from the charging base at the first cleaning)



NOTE: Do not move the main unit randomly and frequently during operation. After moving, please put the main unit near the original place. When starting the machine again, the device will try to reposition its coordinates; after positioning successfully, it will continue to work according to the planned path; if positioning fails, the device will give up the previous task, and build a new map for cleaning, but it might fail to recharge.

CLEANING AS REQUIRED

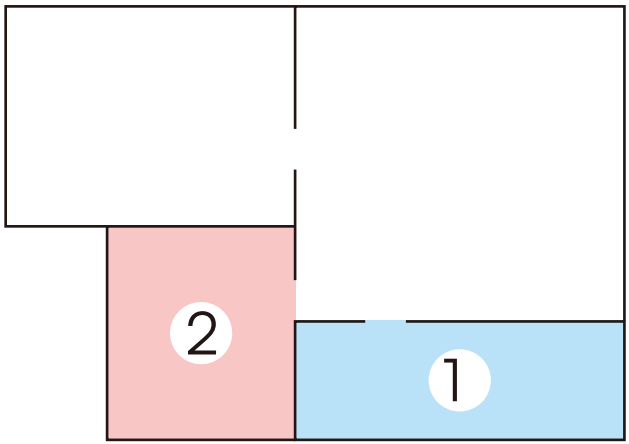
Use the mobile APP to select the function of cleaning as required; select a point on the map and the robot vacuum cleaner will move to the designated position and clean a 1.6m×1.6m square area with itself as the center.



NOTE: Before using this function, complete building of the map for the first cleaning in the mobile APP.

CLEANING OF SELECTED AREA

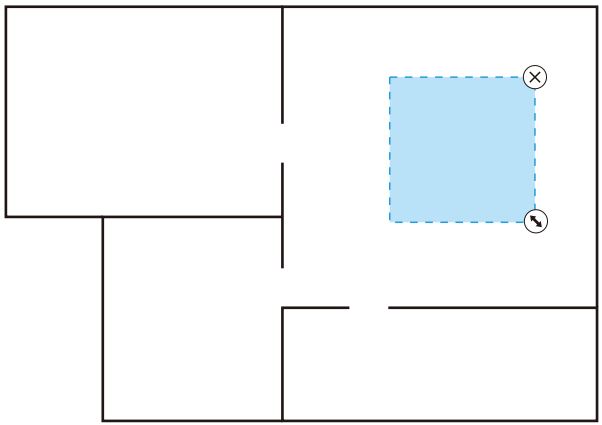
Use the mobile APP to select the function of cleaning of selected area, select the area to be cleaned on the map and the robot vacuum cleaner will clean in the selected area.



NOTE:

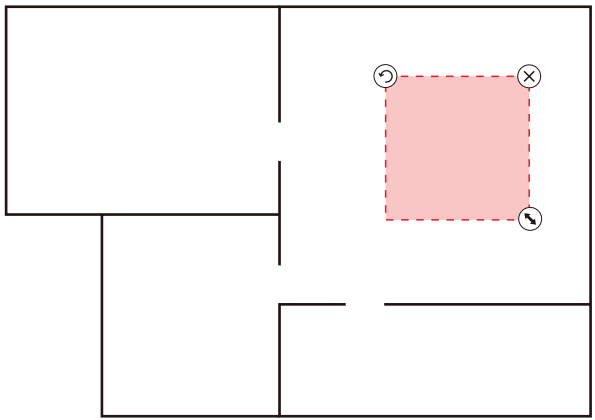
1. Before using this function, complete building of the map for the first cleaning in the mobile APP.
2. The main unit might enter the unplanned area, so please clear the obstacles on the ground around the planned area, and this area cannot play a role of safety isolation.

CLEANING OF DEFINED AREA
Use the mobile APP to select the function of cleaning of defined area, select the area to be cleaned on the map and the robot vacuum cleaner will clean in the defined area.



NOTE:
1. Before using this function, complete building of the map for the first cleaning in the mobile APP.
2. The main unit might enter the unplanned area, so please clear the obstacles on the ground around the planned area, and this area cannot play a role of safety isolation.

RESTRICTED AREA SETTING
Use the mobile APP to select the restricted area editing function, select and set the restricted area of cleaning on the map, and the machine will not enter the set area to clean.



NOTE:
1. Before using this function, complete building of the map for the first cleaning in the mobile APP.
2. This function is only used to define the cleaning areas and cannot be used to block dangerous areas.
3. When moving the robot vacuum cleaner or there are obvious changes in your home environment, the map might become ineffective and the restricted area might be lost.

USAGE INSTRUCTION

SCHEDULED CLEANING
After the setting of scheduled cleaning takes effect, themachine will automatically start to clean at the designated time, and automatically return to the charging base after finishing cleaning.

DND MODE
During the DND time period, the robot vacuum cleaner will close the functions of automatic continuous cleaning, actively playing the voice, and timing.
The default starting time period is 22:00-06:00, which can be modified or closed in your mobile APP.

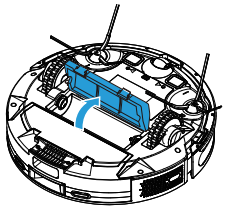
OTHER APP FUNCTIONS

- REMOTE CONTROL
- LOOK FOR ROBOT
- MAP MANAGEMENT
- WORKING MODE SELECTION
- PARTITION AREA EDITING
- AREA ATTRIBUTE CUSTOMIZING
- REAL-TIME MAP UPDATING
- LANGUAGE SELECTION
- CLEANING RECORD VIEWING
- CONSUMABLES MANAGEMENT
- SELF-DEFINING OF CLEANING SEQUENCE OF AREAS

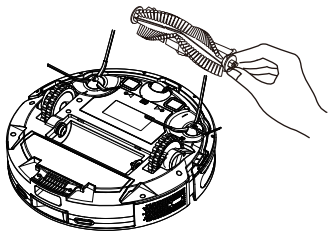
ROUTINE MAINTENANCE

ROLLING BRUSH
(RECOMMENDED CLEANING FREQUENCY: ONCE A WEEK)

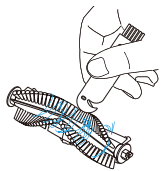
1. Turn over the machine, press the buckle on the rolling brush cover and take out the cover plate of rolling brush.



2. Take out the rolling brush



3. Use the clean brush to remove the dust in the cavity of main brush and rolling rush and clear the entanglements on the rolling brush



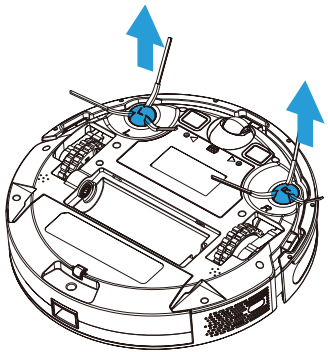
ROUTINE MAINTENANCE

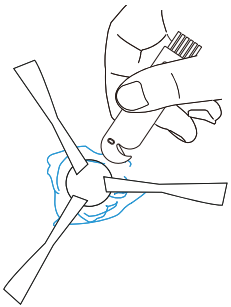
SIDE BRUSH

(RECOMMENDED CLEANING FREQUENCY: ONCE A WEEK)

1. Turn over the machine upward and pull out the side brush vertically
2. Clear the entangled hairs and dirt and install back the side brush
3. Align the side left brush (L) and right side brush (R) with the letters L and R on the bottom shell respectively, and press them down to install back the side brush

NOTE: It is recommended to replace the side brush every three months to ensure cleaning effect

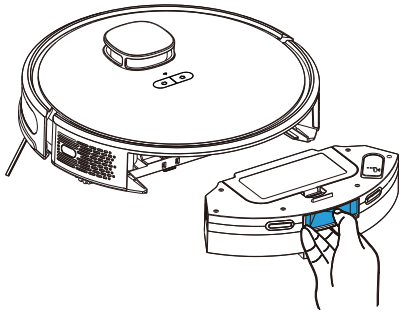




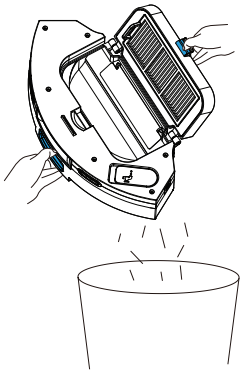
DUST BIN AND FILTER

(RECOMMENDED CLEANING FREQUENCY: ONCE A WEEK)

1. Press the dust bin button and draw out the dust bin



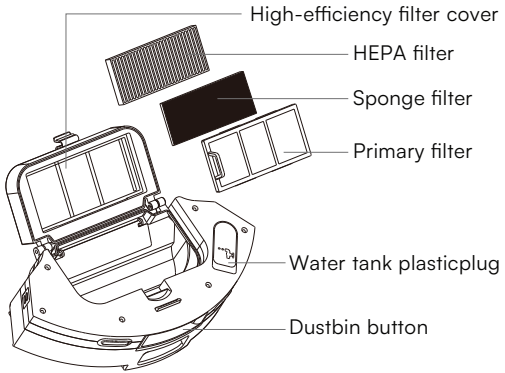
2. Press the dust bin switch and open the dust bin to dump the rubbish



ROUTINE MAINTENANCE

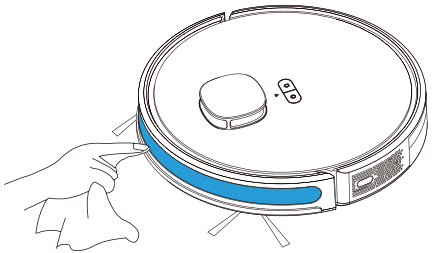
WASH THE DUST BIN
(RECOMMENDED CLEANING FREQUENCY: ONCE A WEEK)

1. After use for a long time, take down the sponge and high-efficiency filter
2. Flush the primary filter, dust bin and sponge under the water tap (the highefficiency filter cannot be washed with water)
3. After washing, shake off the water drops, dry the filter and dust bin in the air, and they can be used only after they are completely dry

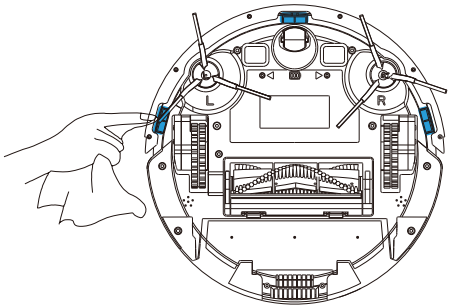


NOTE:
- Wash with clear water and do not add any detergent
- Do not use brush but use fingers to clean the filter
- The filter shall be dried in the air for at least 24 hours so that it can be dried thoroughly
- It is recommended to replace the filter every three months

CLEAN THE INFRARED OBSTACLE AVOIDANCE SENSOR
(RECOMMENDED CLEANING FREQUENCY: ONCE A MONTH)

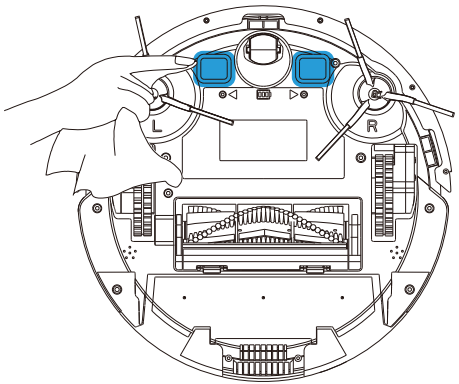


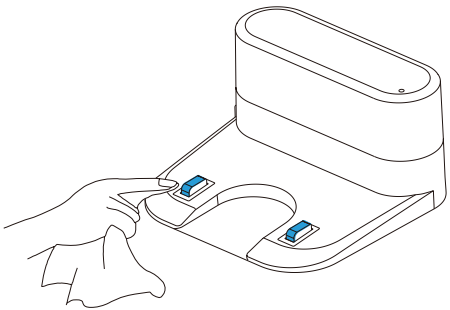
CLEAN THE CLIFF SENSOR
(RECOMMENDED CLEANING FREQUENCY: ONCE A MONTH)



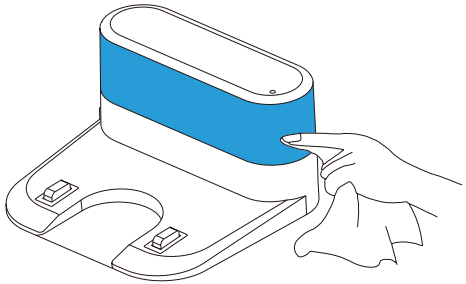
ROUTINE MAINTENANCE

CLEAN THE CHARGING CONTACT
(RECOMMENDED CLEANING FREQUENCY: ONCE A MONTH)





CLEAN THE SIGNAL EMISSION REGION ON THE CHARGING BASE
(RECOMMENDED CLEANING FREQUENCY: ONCE A MONTH)



BATTERY
• Rechargeable high-performance lithium ion battery pack is built in the main unit. To maintain the battery performance, please maintain the main unit in charging state during daily use
• If the machine is not used for a long time, it shall be shut down for storage, and charged every three months to avoid damage to the battery due to over-discharge

FIRMWARE UPGRADE
• Enter the firmware upgrade function through the mobile APP. After new firmware is detected, upgrade according to the prompt guidance. The battery capacity shall not be less than 50% during firmware upgrade. It is recommended to place the device on the charging base during upgrade

TROUBLESHOOTING

ERROR PROMPT	SOLUTION
Error 1: Insert the dustbin	Cleaning is triggered when the dust bin is taken out; please reinstall the dust bin
Error 2: Put the machine on the floor before starting	You may pick up the machine; or the machine is suspended; please move the machine to a flat ground and start it again
Error 3: Please lay the machine flat on the ground and then start it	The machine tilts; please move the machine to a flat ground and then start it
Error 4: Please check whether the front bumper is stuck	The edge or collision sensor is stuck; please push the bumper left and right to confirm that it is not stuck
Error 5: Low battery; please charge	Put the main unit on the charging base for charging
Error 6:The machine is trapped	Please move the machine to an open ground and then start it
Error 7: Please check whether the wheel is stuck	The main wheel is stuck or entangled; please check the main wheel and remove the foreign matters
Error 8: Please check whether the rolling brush is stuck	The rolling brush is entangled or stuck; please check the rolling brush and remove the foreign matters
Error 9: Please check whether the side brush is stuck	The side brush is entangled or stuck; please check the side brush and remove the foreign matters

COMMON PROBLEMS

PROBLEM	SOLUTION
Failed to power on the machine	• The battery power is insufficient. Please place the machine on the docking station, and align with the charging electrode. The machine will be automatically powered on. • The ambient temperature is below 0°C or above 40°C. Please use the machine when the ambient temperature is 0°C to 40°C.
Failed to charge the machine	• Move the machine away from the docking station, and check whether the indicator of the docking station is on. Make sure that both ends of the power adapter are properly connected. • The docking station is not in proper contact with the machine. Please clean the docking station shrapnel and the charging contact on the machine, or push the side brush to one side.
Failed to return to the docking station	The machine is too far away from the docking station. Try to place the machine near the docking station.
Abnormal behavior	Power off the machine and then on again.
There is abnormal noise during cleaning	The roller brush, side brushes, or wheels may be entangled with foreign objects. Please clean them after stopping the machine

COMMON PROBLEMS

PROBLEM	SOLUTION
The cleaning performance is degraded, or ash is dropped.	• The dust boblocked. Clean or replace the filter. • The roller x is full. Clean the dust box. • The filter is brush is entangled with foreign objects. Clean the roller brush.
The Wi-Fi network cannot be connected.	• The Wi-Fi signal is not good. Ensure that the machine is located in a place with good Wi-Fi signals. • The Wi-Fi connection is abnormal. Reset the Wi-Fi settings, download the app of the latest version, and try to connect to the Wi-Fi network again. • The password is incorrect. • This machine supports only the 2.4 GHz band.
Scheduled cleaning cannot be carried out.	The power is insufficient. Scheduled cleaning will be started only when the remaining power is 15% or above.
Is any power consumed if the machine always stays at the docking station?	The power consumption is extremely low when the machine always stays at the docking station. This helps to keep the battery in the best performance.
Is it necessary to charge the battery for 16 hours when the machine is used for 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.

PRODUCT PARAMETERS

CLASSIFICATION	PROJECTS	PARAMETER
Structural Class	Diameter	320x320mm
	Height	92.5mm
	Net weight	3.0kgs
Battery	Operation voltage (w)	14.4V
	Battery	2600mah Lithium Battery
Parameter	Dust box capacity	240ml
	Water tank capacity	250ml
	Charging type	Auto, Manual
	Cleaning mode	Auto / edge / mop floor
	Primary charging time	300 minutes
	Working time	110 minutes
Robot	Rated power (w)	42W
	Laser detection range	360°
	Motor suction power (pa)	2000 PA