



vacuum robot SL60
Instruction Manual
Bedienungsanleitung
Manuel d'instructions
Manuale di istruzioni
Manual de instrucciones

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*Please keep this user manual close for future reference. * Read it carefully before using this product.

Security Information

Important safety instructions

When using an electrical appliance, basic precautions should always be followed, including the following: **READ ALL INSTRUCTIONS BEFORE USING (THIS APPLIANCE)**, Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

WARNING

- This product only applies to cleaning of house floors, and should not be used in outdoor areas (e.g., balcony), areas other than floors (e.g., sofa), or commercial or industrial environments.
- Do not use the product in environments (e.g., duplex floor, top of furniture) that are not equipped with guardrails, so as to avoid property and personal injury caused by equipment falling.
- Do not use the product in environments where the temperature is above 40°C or below 0°C
- Do not use the product in environments where any liquid or slime exists on the floor.
- Please clean up debris or scattered small objects and cables on the ground before use to prevent the robot from being blocked or entangled during operation.
- Before use, please ensure that fragile, ticklish, precious or potentially dangerous articles are properly stored to avoid personal injury or property loss caused by the robot during work.
- Never allow any persons with physical, mental or perceptual disorders (including children) to use or operate this product.

- Please properly place this product, charging dock and product accessories to prevent children from touching it so as to prevent personal and property damage.
- This appliance 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 the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Do not place human hair, clothes, fingers and other parts close to the suction port and operating parts of the product.
- Never use the product to absorb any burning articles, such as cigarettes, matches, ashes and other articles that may cause fire.
- Never use the product to absorb anything that may block the product, such as stones, waste paper, nails, broken glass, etc.
- Please clean and maintain the robot and the charging dock in the shutdown or power-off state.
- Please use a dry and soft towel to clean the charging dock and the product. It is strictly prohibited to wipe any part of the product with any wet cloth, detergent or liquid.

Security Information

- Please observe the work of the robot during the use in the first time and help to deal with some possible problems: such as twisted cables, uneven areas, areas that may cause the robot to hang in the air or become stuck and so on.
- Please use this product in strict accordance with the product instructions. Any loss or injury caused by improper use shall be on user's own account.
- The laser radar of this product complies with the requirements of IEC 60825-1:2014 on the safety of Class 1 laser products; it will not produce laser radiation harmful to human health.
- Do not let children consider the robot a toy, and let them away from the machine when it is working.
- Do not put your children, pets, or anything on the machine, whether it is working or not.
- Please put the cleaning brush out of the children's reach.
- Please do not use the laser radar protective cap as a handle to move the machine.
- Please do not place on the ground the machine upside down for a long period.
- Please follow the instructions when using the product, and use accessories recommended or sold by the manufacturer ONLY.
- Please make sure that the dust box and filtering materials have been assembled in place.
- Do not handle charger, including charger plug, and charger terminals with wet hands.
- Do not put any finger into the gap of the machine to avoid an injury.
- 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.

Battery and Charging

- Do not use any third-party battery, charger or charger.
- Please ensure the correct voltage is used.
- Never attempt to remove, repair or modify the battery on charging dock.
- Please do not place the charging dock and the robot near the heat source, such as radiator, induction cooker and oven.
- Do not use a wet cloth or any liquid to wipe this product.
- Do not dispose of waste batteries at will. It is suggested to hand them over to a professional organization for treatment.
- If the power cord is damaged or broken, please stop using it immediately and contact us in time to choose a regular channel to purchase genuine power cord for replacement.
- Transport the product in power-off state in the original packaging box.
- If the product is to be left unused for a long time, please power off the robot after full charging, and store it in a cool and dry place; recharge it at least every 3 months to avoid battery damage.
- The battery must be removed from the robot before the product is discarded. When taking out the battery, the robot must be powered off. After taking out the battery, the battery should be disposed of safely.

- Burning the product is critically prohibited even if it has been severely damaged, since the battery may explode due to combustion.

 **WARNING: For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance.**

Notice:

The symbol on this product or its packaging indicates that this device cannot be disposed as unsorted municipal waste. To dispose of such device, you need to 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. Please contact your local or regional waste authority for more information on collection, reuse and recycling programs.



FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 nstructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not ccur in a particular installation. If this equipment does cause armful interference to radio or television reception, which can be etermined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of he 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.

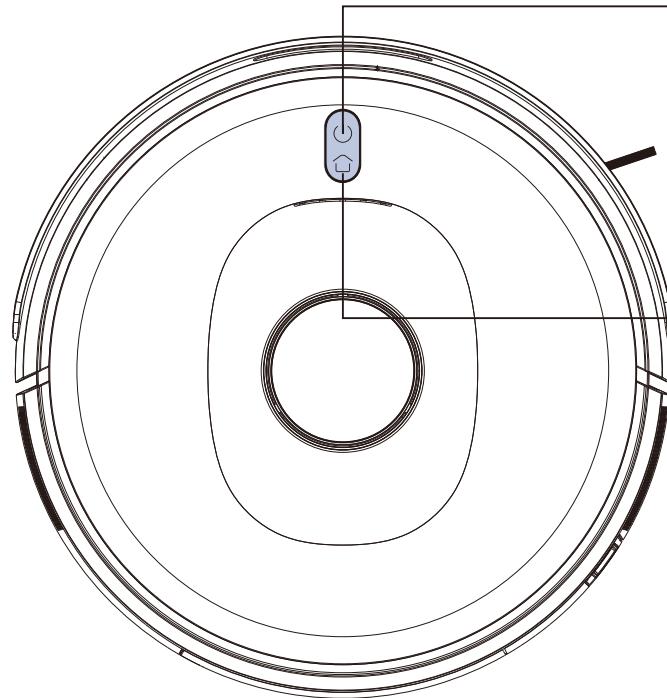
This device complies with part 15 of the FCC rules. Operation is sub-
ject to the following two conditions (1)this device may not cause
harmful interference, and (2) this device must accept any interference
received, including interference that may cause undesired operation.

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.

Product Introduction

Main machine



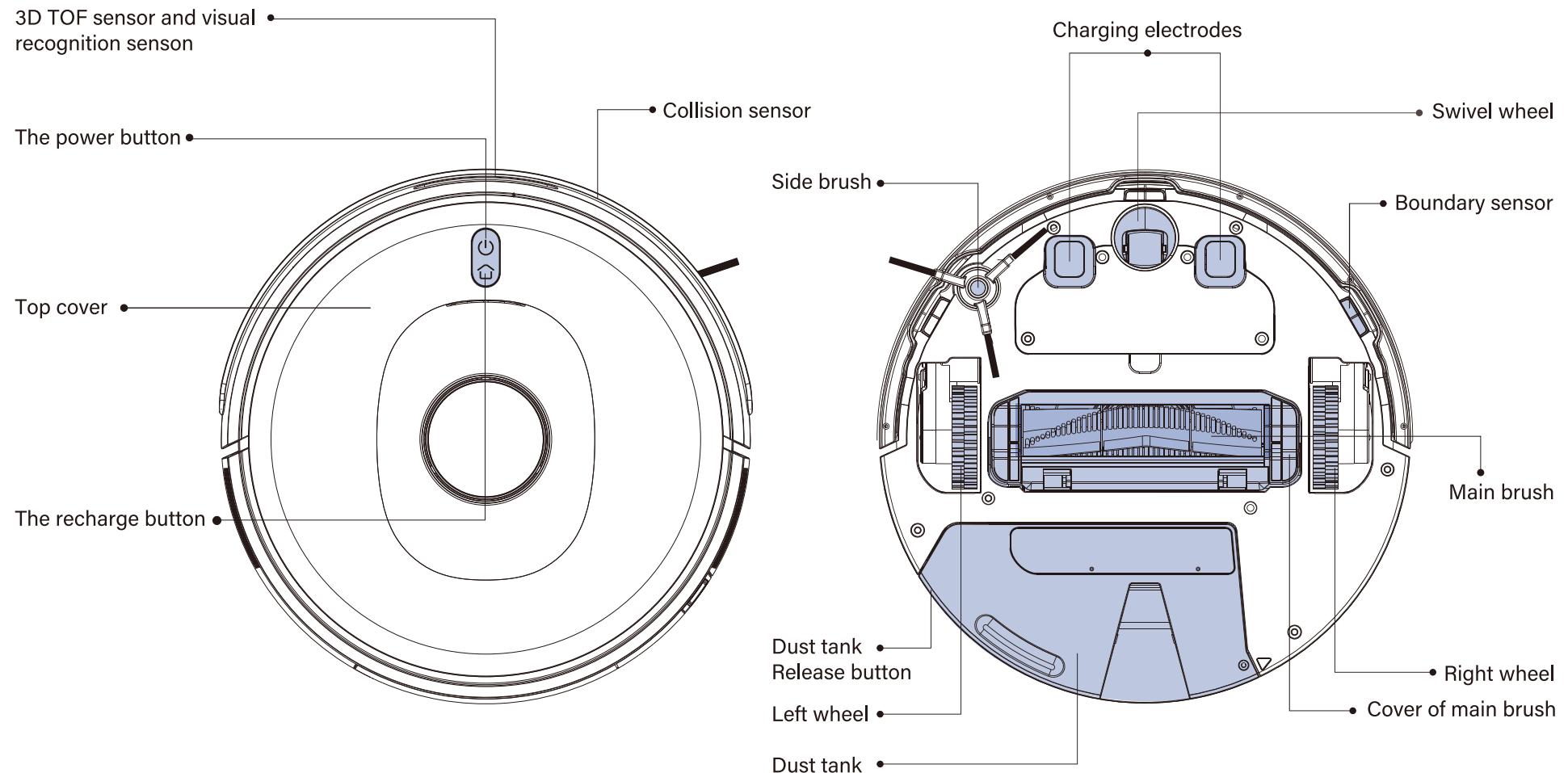
-  **The power button**
 - Press and hold the button for 3 seconds, the machine turns on or off.
 - Press the button, the machine starts to work or pause.
-  **The recharge button**
 - Press the button when the machine is working, it pauses.
 - Press the button when the machine is pausing, it starts to recharge.
 - Press the button when the machine is recharging, it stops recharging.

Instructions on indicator lights

Status	Light type	Status	Light type
Sleep/Powered off	Light out	On the way to recharging	Slowly flashing yellow light
Idle/Working/Pausing	Always-on blue light	Recharging	Breathing yellow light
Launching/Upgrading	Breathing blue light	Malfunction	Fast flashing red light
Configuring network	Flashing blue light		

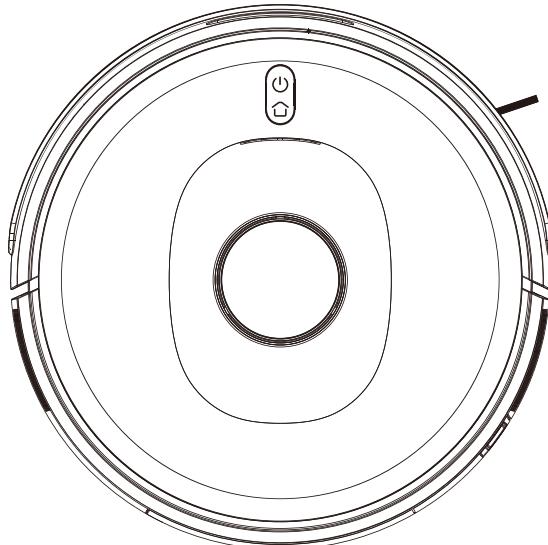
Product Introduction

Main machine

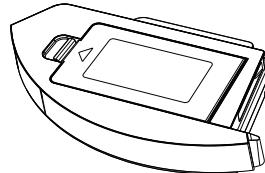


Product Introduction

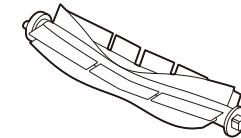
Main machine



Parts List

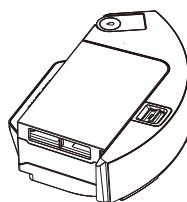


Dust tank

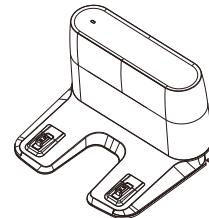


Main brush

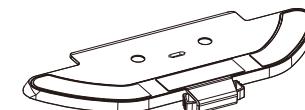
Other Accessories



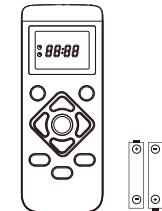
Two-in-one water tank



Charging dock



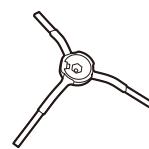
Duster component



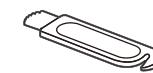
Remote and
AAA Batteries



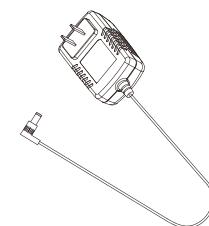
Mop cloth
(For replacement)



Side brush



Cleaning brush

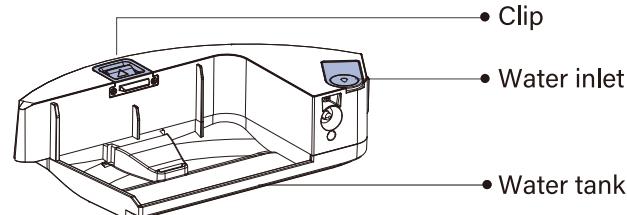


Power Adapter

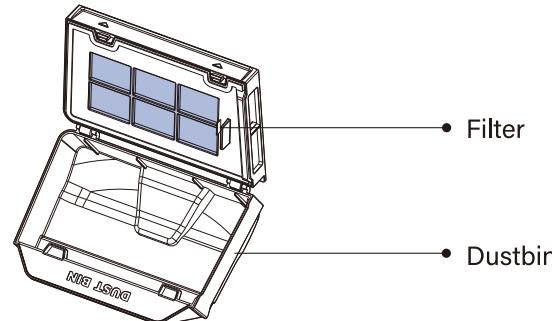
Product Introduction

Two-in-one water tank

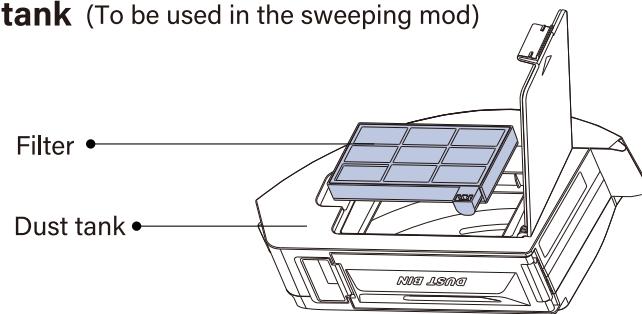
(To be used in both sweeping and mopping mode)



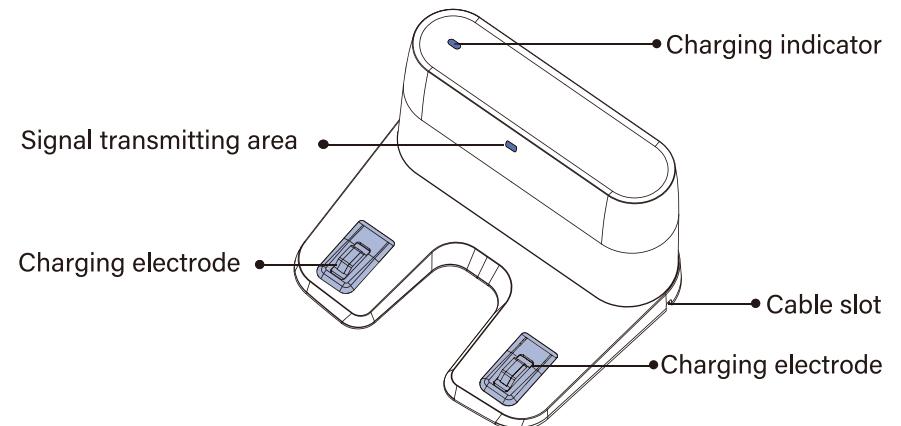
Dustbin



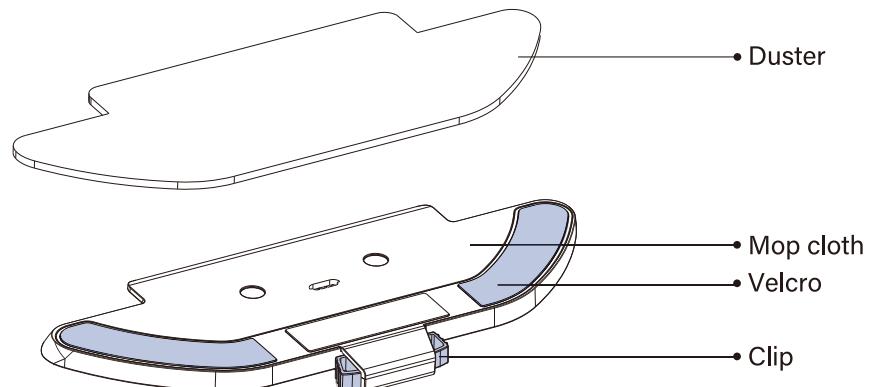
Dust tank (To be used in the sweeping mod)



Charging dock



Duster component



Product Introduction

Remote control

① Schedule	⑤ Manual control
② Suction adjustment	⑥ On/Pause
③ Back home	⑦ Edge mode
④ Time	⑧ Water output adjustment

Modes

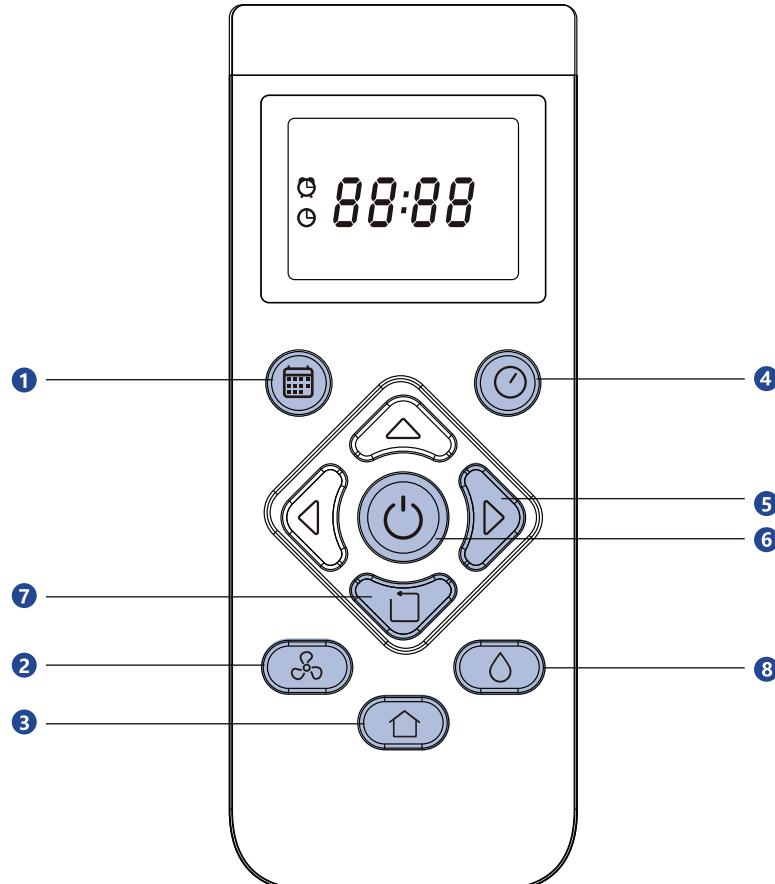
The first time the robot is operated, it will map and memorize the whole house by means of its laser before starting the cleaning cycle.

Note: make sure the light indicator is lit up in blue before starting cleaning indicating it is activated. If it is not, press any button on the remote control to wake it up.

Pairing mode:

If the remote control cannot control the robot, please follow the steps below:

- ① Press the remote control "Water output adjustment" button 5S, the remote control enters the pairing mode, the screen displays 8888;
- ② The remote control receiver module is powered on within 5s and enters the pairing mode. At this time, the pairing signal of the remote controller is received, and the remote controller returns to normal, the clock shows that the pairing is completed.
- ③ If the pairing is unsuccessful, the remote control will display 8888, and will automatically exit the pairing mode after 30S.



Product Introduction

Current time

- ① Long press the  button. The first 2 digits, indicating the hour, will start blinking.
Use the up and down direction buttons to set the current to set the current time.
- ② Use the left and right buttons to switch from hours to minutes and repeat the before step.
- ③ Press the  button again to save the settings.

Cleaning scheduling

- ① Long press the  button. The first 2 digits, indicating the hour, will start blinking.
- ② Use the up and down direction buttons to set the current time.
Use the left and right buttons to switch from hours to minutes and repeat the before step.
- ③ Press the  button again to save the settings.
- ④ To cancel the scheduled cleaning:
Set the schedule times to 00:00 and save it.

Note:

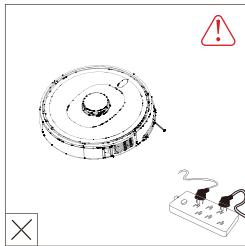
The robot will emit two beeps to indicate all settings have been saved.

WARNING:

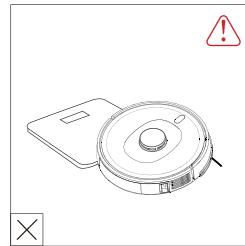
When the remote control's batteries are replaced, the clock and schedule times must be set again.

Installation Instructions

Important Tips Before Use



1



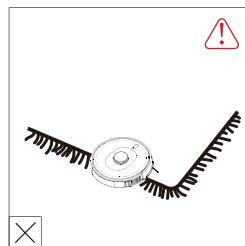
2



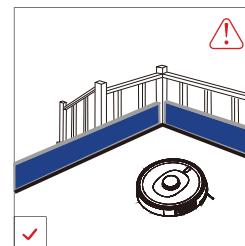
3



4



5



6

- ④ Keep robot away from spaces lower than 3.94 in/100mm to prevent robot from getting stuck. If necessary, place a physical barrier to block off the problem areas.
- ⑤ Fold tasseled edges of area rugs underneath to prevent tangling robot. Avoid cleaning very dark-colored high-pile rugs, or rugs thicker than 1.02 in/26 mm as they may cause robot to malfunction.
- ⑥ Anti-drop sensors prevent robot from tumbling down stairs and steep drops. They may work less effectively if dirty or used on reflective/very dark-colored floors. It is recommended to place physical barriers to block off areas where Robot may fall.

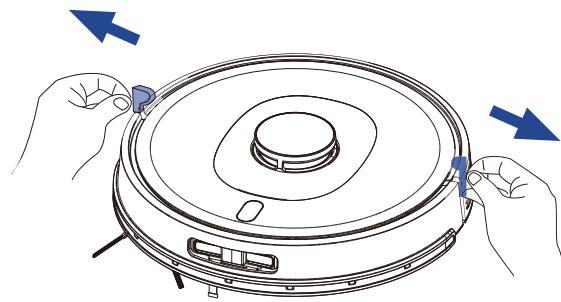
Tips:

Place physical barriers in front of areas that might damage the robot such as fireplaces, heaters, pools etc...

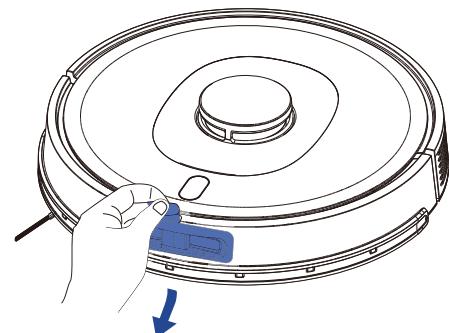
- ① Remove every objects that might entangle the robot such as curtains strings, power cords, nails etc...
- ② Robot may climb on top of objects less than 0.71 in/18 mm in height. Remove these objects if possible.
- ③ Keep robot away from wet areas.

Installation Instructions

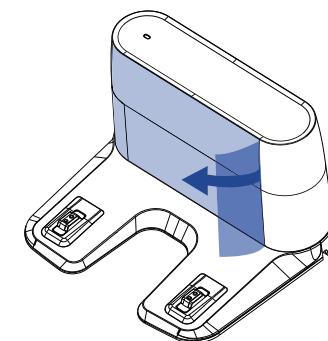
1 To remove the protective strip of the machine.



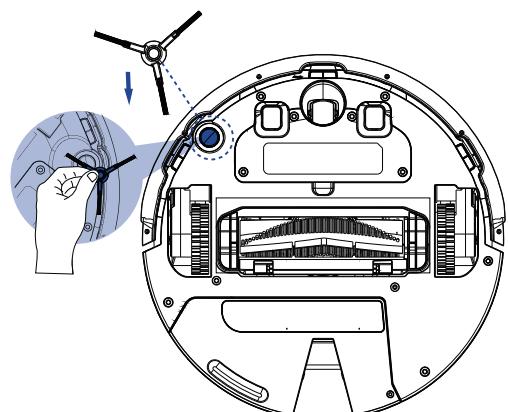
2 To remove the protective membrane on the visual sensor.



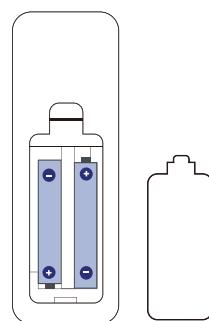
3 To remove the protective membrane around the charger base.



4 To assemble the side brush.



5 Install AAA batteries into the remote.



Product Parameters

Robot Parameters

Name	Parameters
Overall Dimensions	ϕ 350x94.5mm
Battery specifications	Lithium battery, 5200mAh
Robot weight	3.6 ± 0.1Kg
Connection mode	WiFi Connection
Battery voltage	14.4V
Rated power	45W

Charging Dock Parameters

Name	Parameters
Overall Dimensions	L163 x W134 x H100 mm
Rated input	20V == 1.8A
Rated output	20V == 1.8A
Rated frequency	50/60Hz

Names and Contents of Harmful Substances in Products

Part name	Hazardous substances					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Printed circuit boards	×	○	○	○	○	○
Metals	○	○	○	○	○	○
Shell	○	○	○	○	○	○
Standard parts	○	○	○	○	○	○
Other structural parts	○	○	○	○	○	○

○ : Indicates that the content of this hazardous substance does not exceed the percentage of reference value of presence.

× : Indicates that the restricted substance corresponds to the exemption.

Long-term use of the product will not cause harm to human health.