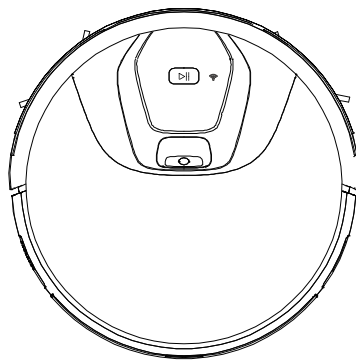




ROBOTIC VACUUM CLEANER

Manual

FCC warning:

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.

Modification: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

RF radiation exposure statement

The Robotic Vacuum Cleaner complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. Caution: To maintain the compliance with the FCC's RF exposure guideline, install the Robotic Vacuum Cleaner at least 7.9" (20 cm) from ALL persons. The transmitter of this device must not be co-located or operating in conjunction with any other antenna or transmitter.

1.Wi-Fi Setup Instructions

2.Safety Instructions

3.Product Components

3.1 Name of Parts

3.2 Products Specifications

3.3 Product Characteristics

4.Instructions for Use

4.1 Attention

4.2 Remote Controller Instructions

4.3 Operating Instructions

5.Product Maintenance

5.1 Side Brush Cleaning and Replacement

5.2 Cleaning of Dust Box and Filter

5.3 Maintenance of Water Tank Components

5.4 Maintenance of Rolling Brush Components

5.5 Maintenance of Other Components

6.Common Faults

6.1 Common Faults

6.2 Replaceable Modules

Wi-Fi Setup Instructions

Wi-Fi Setup Instructions

1

App download

Scan the QR code in Figure 1 to download and install "Grit" APP,or search "Grit" in the App stores to download and install.



Figure 1

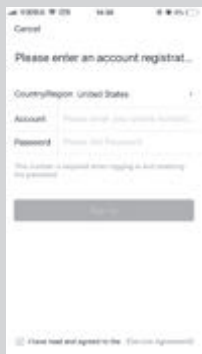


Figure 2



Figure 3

2

Sign up

*Enter a mobile phone number or an email account for registration,if mobile phone number registration is not available,please choose to register by an email account.(Figure 2)

* On the registration page, please don't forget to input Verify Code to login.(Figure 3)

3

Add Device



Figure 4



Figure 5

*Scan the QR code on the device or the QR code in Figure 6,or manual input the QR code/Barcode to confirm the device model, turn on the "Power switch" by following APP instructions and go to the next step.



Figure 6

Wi-Fi Setup Instructions

Wi-Fi Setup Instructions



Figure 7



Figure 8

4 Activate the device

*Do as Figure 7, press Control button and hold for 3-5 seconds until the machine beeps. The Wi-Fi indicator flashes and voice prompts "Connecting network", which means the device enters configuration mode, click "Confirm Activation" to enter the "Connect to the device" interface and follow steps as Figure 8.

*Depending on the signal strength of the Wi-Fi, it may take few seconds or more.

*The device only support 2.4G network, 5G network is not available. If you have both 2.4G network and 5G network, please set different Wi-Fi name for each network, and connect your Robot with 2.4G network.

5

If connect successfully, it will enter "default family" interface (Figure 9). Press the Device icon to enter "Device status" interface as Figure 10 & Figure 11, display working status, the real-time mapping, cleaning time and other information, easily to switch multiple cleaning modes.

If connect unsuccessfully, please confirm whether the Wi-Fi password is entered correctly, confirm whether your home router wireless network frequency is 2.4G.



Figure 9



Figure 10



Figure 11

6

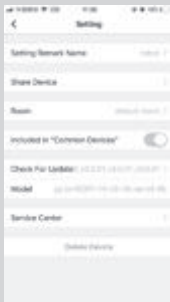


Figure 12

Press the Device icon for 3 seconds to enter the "Setting" interface (Figure 12) for setting Remark Name or Share Device or Check For Update or other operations.

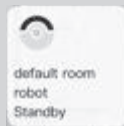


Figure 13. Device Icon

Safety Instruction

Before using this product, please read the safety instructions below and follow all the routine safety precautions.

Please read the Instructions carefully and keep them for future reference. Any operation that does not conform to the Instructions may cause damage to the product.

Safety Considerations of Main Body and Accessories

Warning

01. Do not disassemble, repair or refit the product without authorization; otherwise it may damage the product or pose a hazard.
02. Do not use the product in an environment with risk of fire or explosion.
03. This product can only use the original power adapter; otherwise the product may be damaged or catch on fire.
04. Do not stand or sit on this product; doing so could damage the product or cause it to fall over.
05. When the metal part of the power plug is dusty, please wipe it with a dry cloth.
06. The power adapter is applied to a 100-240V AC voltage. Please plug into the socket properly and keep away from children.
07. Do not wash or soak the main body and electronic accessories in water; otherwise the product may be damaged by a short circuit.
08. Do not damage, load weight on, heat, pull, or bend it.
09. During cleaning, please pay attention to the safety of toddlers and elders at home to avoid tripping, and please do not touch the wheel and side brush to avoid injury. (Please pay special attention to toddlers).
10. This product is for home use. Please do not use it outdoors.
11. Do not allow metal and conductive materials to come in contact with the battery; doing so may cause a short circuit.

Attention

01. Do not touch the product with wet hands; doing so may cause an electric shock.
02. Please do not place the product in places where it could easily fall, such as tables, chairs, high platforms in room, etc.
03. The product has a sophisticated design and should be protected from

Safety Instruction

long-term exposure to sunlight.

- 04. Please do not use the product in humid environments, such as bathrooms.
- 05. Please do not place the product near cigarette butts, lighters or other open fires.
- 06. Please clean the product after charging.
- 07. Please turn off the power switch on the side of the robot when the product is out of service for a long time.
- 08. Please check carefully to see if the power adapter is connected to the socket prior to use, to avoid damage to the robot.
- 09. Before using the product, please remove all vulnerable items on the floor, such as glass, lamps, and items such as wires and curtains that may entangle with the side brush and suction passages.
- 10. When the dust box is full, please empty the garbage before using again.
- 11. Please do not use the robot to clean construction waste.
- 12. The operating temperature of the product ranges from 0 degrees Celsius to 40 degrees Celsius; please do not use it in a high temperature environment.
- 13. Before the product is scrapped, please remove the battery from the robot. When you remove the battery, please ensure that the product is not connected to a power supply. Please recycle the battery safely for environmental protection.

Safety Considerations for Rechargeable Battery

⚠ Danger

- 01. Always use a dedicated battery adapter to avoid leakage, heating or rupture.
- 02. Do not short-circuit the battery or remove the battery; doing so may cause leakage, heating or rupture.
- 03. Do not transport or preserve with necklaces, hairpins and other metal objects; doing so may lead to short circuit, resulting in leakage, heating or rupture.
- 04. Do not burn or heat the battery; doing so may cause leakage, heating or rupture.

Safety Instruction

⚠ Attention

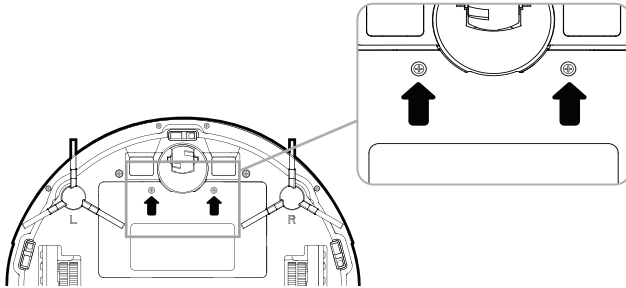
- 01.If abnormal overheating is discovered during charging, stop using it immediately to avoid leakage, heating or rupture.
- 02.To prolong the service life of the battery, please remove the battery and place it in a cool, dry environment if it is out of service for a long time; this will avoid leakage, heating or rupture.
- 03.Do not soak it in water or let it come into contact with any liquid; otherwise it may cause leakage, heating or rupture.
- 04.Be sure to stop using it immediately in case of any exception (e.g. discoloration or deformation), to avoid leakage, heating or rupture.
- 05.Always use tape to insulate the battery's electrode when recycling or disposing of it.

⚠ Warning

- 01.When skin or clothing is exposed to the battery electrolyte, immediately wash with clean water to avoid inflammation of skin, etc.
- 02.Do not use the rechargeable battery on other devices. This battery is only suitable for smart sweeping robots.
- 03.If the battery's outer box is found to be deformed and expanded, or leakage of electrolytes is found, do not charge or continue to use to avoid danger.
- 04.Do not throw or inflict a strong impact on the battery; doing so may cause leakage, heating or rupture.
- 05.Do not disassemble the battery pack; doing so may cause battery rupture and electrolyte outflow, leading to fire, explosion and other dangers.
- 06.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
- 07.The appliance is only to be used with the power supply unit provided with the appliance.
- 08.the adapter must be removed from the socket-outlet before cleaning or maintaining the appliance.

Safety Instruction

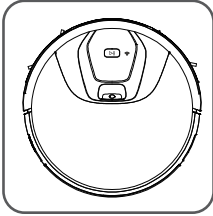
- 09.This appliance contains batteries that are only replaceable by skilled persons.
- 10.the battery must be removed from the appliance before it is scrapped;
- 11.the appliance must be disconnected from the supply mains when removing the battery;
- 12.the battery is to be disposed of safely.
- 13.WARNING: For the purposes of recharging the battery, only use the detachable supply unit (model: T8) provided with this appliance.
- 14.How to remove the battery:



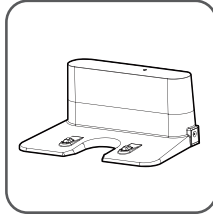
- ① Take out two screws on the battery cover with a screw driver.
- ② Take out the battery cover.
- ③ Take out the battery and unplug the electric wires to remove the battery.

Product Components

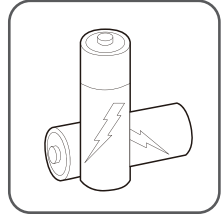
3.1 Names of Parts



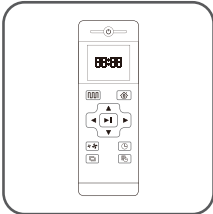
Main Body



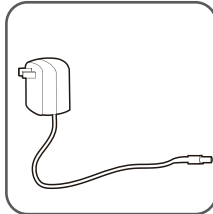
Charging Base



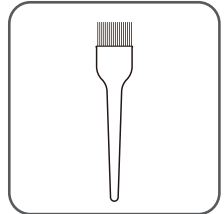
2*AAA Batteries
(Excluded)



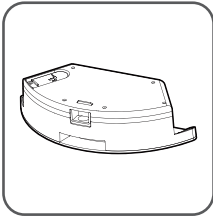
Remote controller



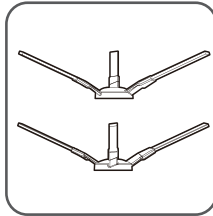
Power Adapter



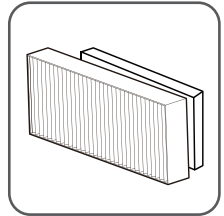
Cleaning Tool



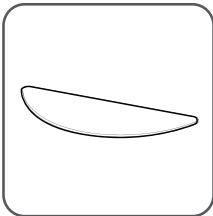
Water Tank Component



Side Brush



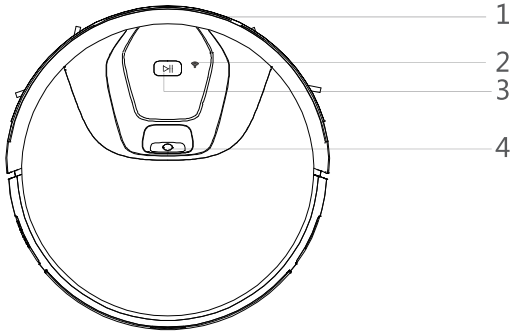
High-efficient Filter



Mop

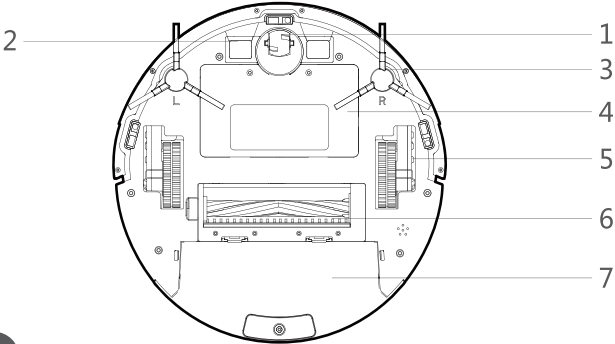
Accessories of some models may be slightly different and they are subject to the actual received products.

Product Components



Main Body

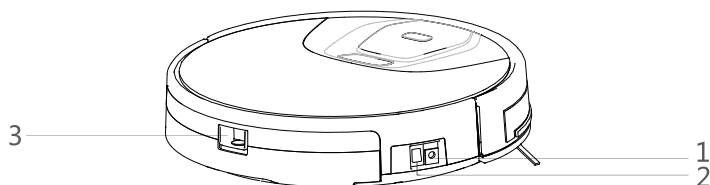
- | | | | |
|----------|-------------------|------------------|----------|
| 1.Bumper | 2.Wi-Fi Indicator | 3.Control Button | 4.Camera |
|----------|-------------------|------------------|----------|



Main Body

- | | | | |
|-------------------|----------------------------|--------------|-----------------|
| 1.Universal wheel | 2.Electrode slice | 3.Side brush | 4.Battery cover |
| 5.Side wheel | 6.Rolling brush components | 7.Dust box | |

Product Components

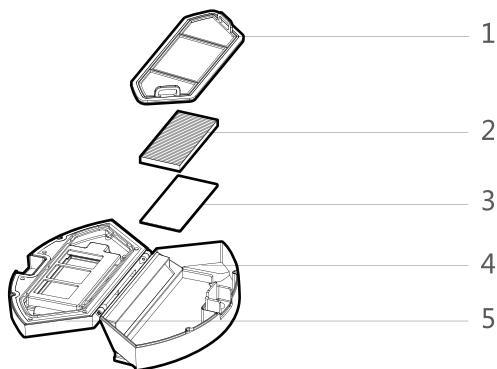


Main Body

1.DC power jack

2.Power switch

3.Dust box release button



Dust Box

1.Per-filter

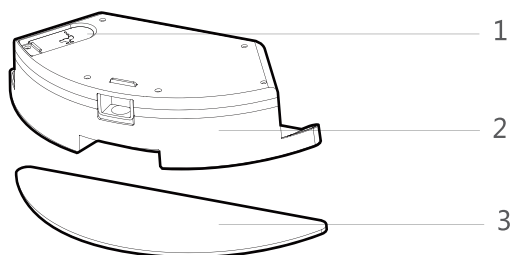
2.High-efficient filter

3.Filter sponge

4.Dust box

5.Dust box cover

Product Components

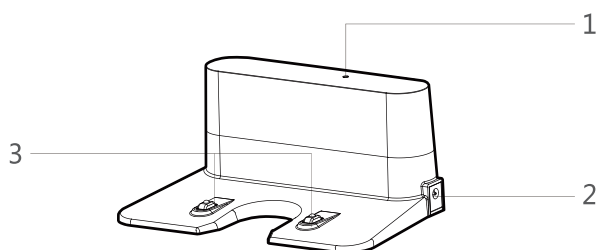


Water Tank Component

1. Tank sealing cap

2. Water tank

3. Mop



Charging base

1. Charging indicator

2. DC power jack

3. Charging terminal

3.2 Product Specifications

Structure

Diameter of the main body	330mm
Thickness of the main body	81mm
Net weight of the main body	2.8kg

Electronic

Voltage	14.4V
Battery capacity	2500mAh
Main body button type	LED button

Accessory

Dust box capacity	600ml
Water tank capacity	350ml

Process Parameters

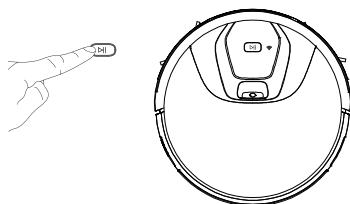
Charging Type	Manual/Automatic
Operating duration	$\leq 120\text{min}$
Charging duration	240 – 360 min

Product Components

3.3 Product Characteristics

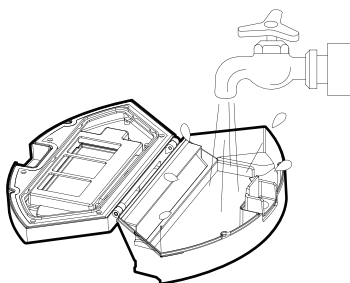
Multiple smart cleaning modes

4 cleaning modes are designed to suit different needs, which can be switched by the remote controller and App, greatly improves the cleaning efficiency and saves 30% of the power.



Humanized design

It is simple to operate, pressing the Control Button to start cleaning. Follow the Voice Prompt and let the robot start working for you.

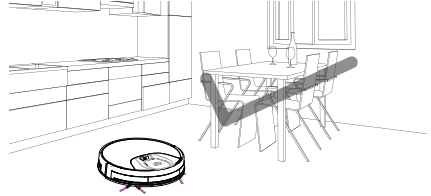
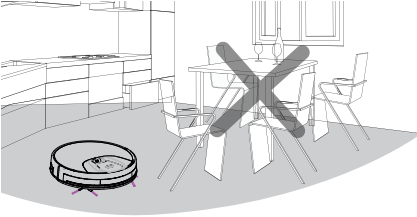


Dust box can be washed with water

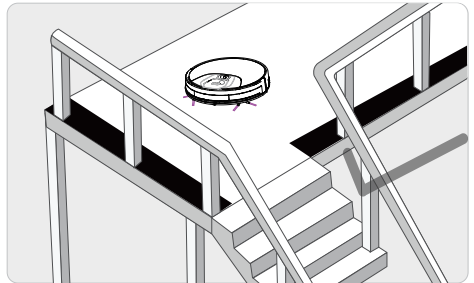
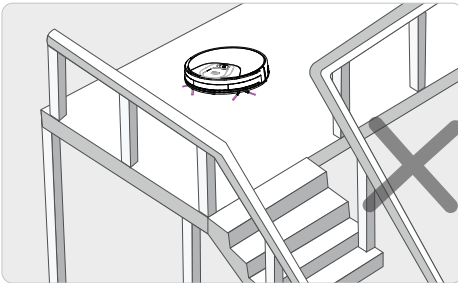
The dust box and the pre-filter can be directly flushed with water without too much labor, which can avoid secondary pollution caused by dust flying!.

Instructions for Use

4.1 Attention

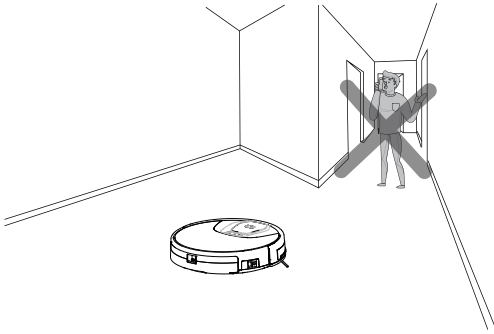


When it is working, please help to remove the unfriendly obstacles. Put the furniture and home appliances such as tables and chairs in the house neatly, the robot will clean up smoothly to give you a clean new home.



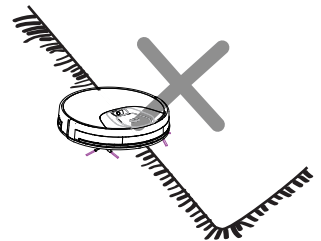
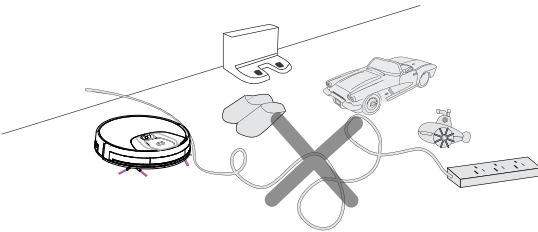
If the robot works at the stairway, the edge of the step, or the entrance to the narrow area among the furnitures, etc, please place a fence to ensure it is safe and running smoothly.

Instructions for Use



Please do not stand in narrow places such as thresholds and aisles to avoid missing sweeping .

When the robot is working, please ensure that the object with the thickness less than 1.8 cm is not placed in the cleaning area to prevent the machine from climbing and jamming.

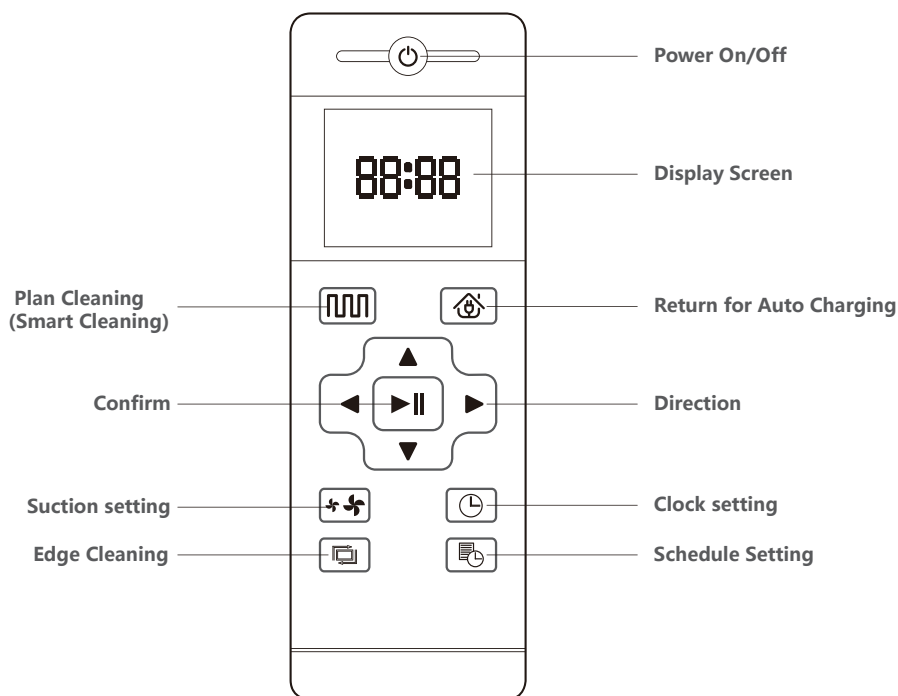


Please pay attention to remove sundries , such as the power cords, toys, etc,which are scattered on the ground may catch or entangle the Robot.

Do not use the mopping function on the carpet! If there is a carpet in the house, please roll up the edge of the carpet in advance.

Instructions for Use

4.2 Remote controller instruction



When the robot is in the vicinity of the charging base and the virtual protection wall, it may not be able to distinguish the instructions issued by the remote controller. If you do not use the remote controller for a long time, please remove the battery.

Instructions for Use



Plan Cleaning button

No matter what mode the robot is in, this button will bring it to the plan cleaning mode.



Return for Auto Charging

Pressing this button to shift the mode as recharging, and the logo will be displayed on the screen of the remote controller.



Forward /+

At the standby mode, press this button to continue moving forwards, and release it to return to standby mode. At the Schedule setting mode, press this button to increase the number.



Back Button /-

Press this button and robot will rotate 180 degrees in situ.

In the modes of Schedule Setting and Clock Setting, press this button will decrease the number.



Left Arrow

At the standby mode, press this button to continue turning left, and release it to return to standby mode. At the Schedule setting mode, press this button to switch from minute to hour.



Right Arrow

At the standby mode, press this button to continue turning right, and release it to return to standby mode. At the Schedule setting mode, press this button to switch from hour to minute.



Confirm button

During operation, press this button to stop the robot, and it is still working at the pause. In the Schedule setting mode or Clock setting mode, this button can save all settings.



Suction Setting button

At any cleaning mode, press this button to adjust the suction power. There are Normal suction and Powerful Suction for your option.



Clock Setting button

Press this button to enter the Clock Setting mode and press the Confirm button to exit.



Schedule Setting button

At the standby mode, press this button to enter the Schedule Setting mode, and the display flashes icon . At the Schedule Setting mode, press this button to save the data and exit the Schedule Setting mode, and the display will always display the icon . At the Schedule setting mode, press this button for 3S to cancel the Schedule Setting function, and the displayed icon  will disappear.



Edge Cleaning button

Press this button to enter the Edge Cleaning mode.



Display preset time

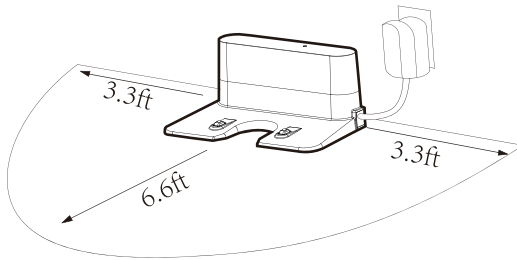


Display clock time

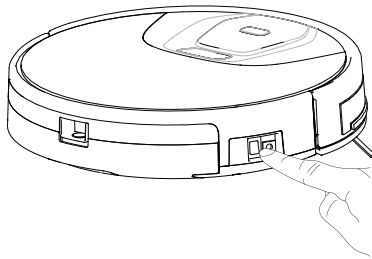
Instructions for Use

4.3 Operating Instructions

Placement of the Charging Base



Place the charging base against the wall. Do not place any objects within 3.3 ft to the left / right and 6.6 ft to the front, and do not place any mirrors or other reflective objects within this distance.



Switch on the robot, which makes the Control button green, and enter the Selected mode. If the robot is not activated within 10 minutes, the robot will enter Sleep mode.