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A quality product of



CONCEPCION MIDEA INC.



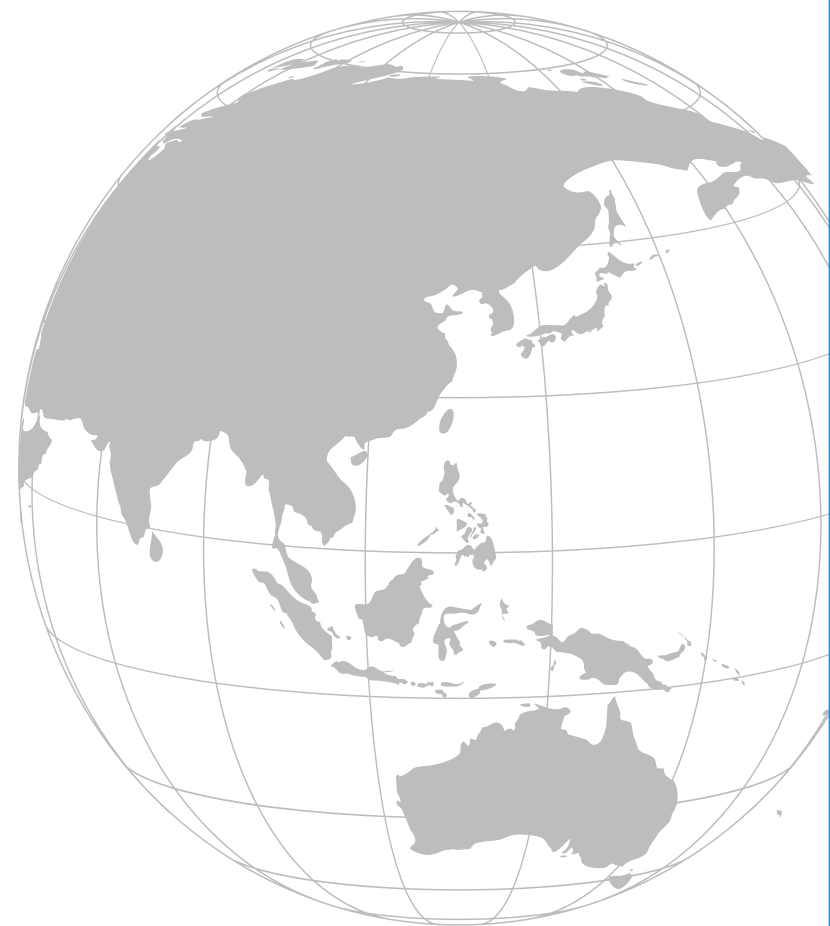
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# User's Manual

## ROBOT VACUUM CLEANER

Please read this User's Manual carefully for proper use of Midea Robot Vacuum Cleaner.



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## SAFETY INSTRUCTIONS

- Do not place the appliance close to heat sources, radiation, or burning cigarette.  
Do not use the appliance to remove the following objects:
  - (1) All liquids such as water and solvents.
  - (2) Lime, cement, ash and other construction dust and garbage.
  - (3) Hot objects, such as cigarette butts.
  - (4) Sharp objects, such as glass shards, etc.
  - (5) Inflammable and explosive articles, such as gasoline or alcohol products.
- It is not allowed to dismantle the product by non-technicians without permit. -
- It is forbidden to let children, mentally retarded person or person who do not have common knowledge or experience about the domestic households without surveillance.
- The product is for indoor use instead of outdoor.
- Your appliance is an electric appliance: It must be used appropriately.
- Do not touch the power cord, socket or power adapter with wet hands.
- Please empty the dust box before using the product.
- The power must be turned off during cleaning, maintenance or when in storage.
- To prevent fires, do not immerse the appliance in water, do not expose it to any heating appliances.
- The product only applies the original power adapter, otherwise, it may bring damage to the product. -

- The power must be turned off before taking out the battery. Please do not dismantle the battery by yourself. Please contact the after-sales if you want to change the battery. When discarding the product, do not discard the battery at will. -
- Do not contact the conductor with each pole or socket, so as not to cause a short circuit.
- Before using the product, please remove all vulnerable goods and fragile items such as glass cup and lamp as well as the things which may entangle the side brush, block the air passage or roll into the driven wheelblock, for example, electric wire, curtain, etc.
- Please do not put the product on the place where it tends to fall, for example, on the table or chair.
- The product may not work normally under strong sunlight.
- Please do not bend the wire, or put weight or sharps on the machine.

### Battery charging signal:

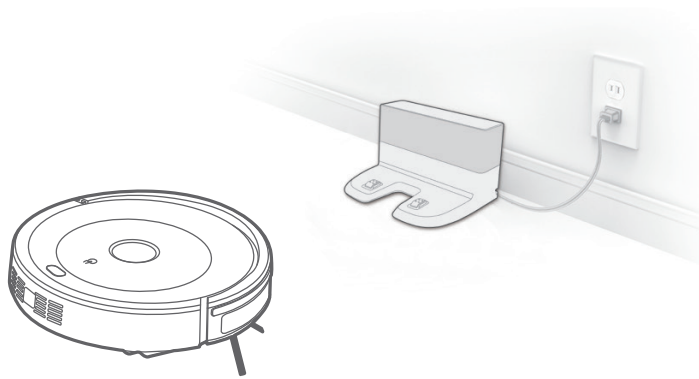
1. It may take you longer time for charging under the following circumstances:
  - a. Room temperature is higher than 30°C;
  - b. Recharge immediately after the appliance has stopped operating.
2. Always recharge the appliance after each usage no matter how long it has been used.
3. Unplug when not charging.
4. When not in use for more than two months, the appliance should be disconnected from the power supply.  
To ensure a longer service life, the appliance must be charged once every two months.
5. The appliance or adapter may become hot during charging so take the necessary precautions to avoid contact.

## ⚠ Notes Before Cleaning

- 1 WARNING:** Do not use your **RBI** on wet surfaces or surfaces with standing water.

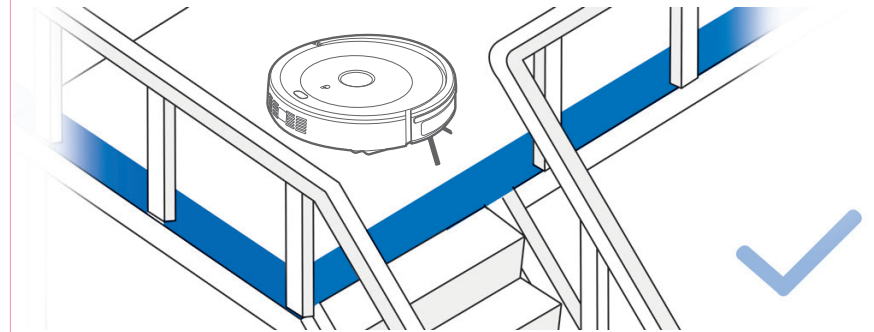


- 2** Remove power cords and small objects from the floor that the robot could be obstructed by, and tidy up the area to be cleaned by putting furniture, such as chairs, in their proper place.

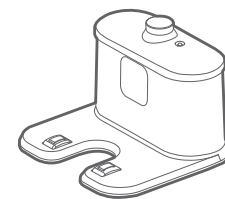
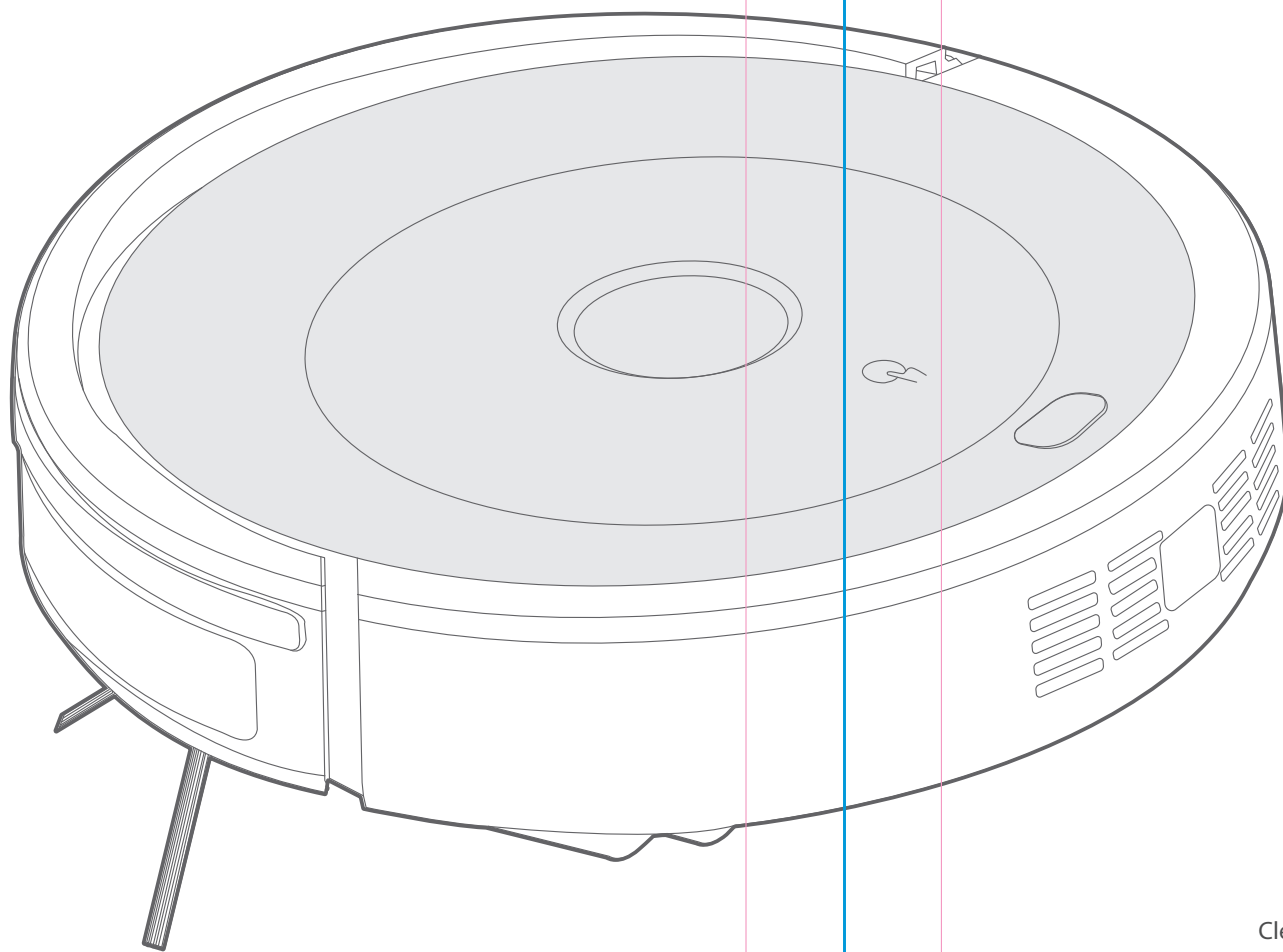


It may be necessary to place a physical barrier at the edge of a drop to stop the unit from falling over the edge.

- 3** Before using the product on a rug with tasseled edges, please fold the rug edges under.



## Product Introduction



Charging cradle X1



Remote control X1

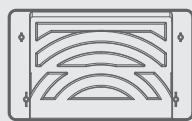


Cleaning tool X1



Remote battery X2

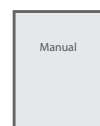
### Optional Accessories for MR02:



Cleaning cloth stent X1



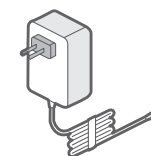
Dry cleaning cloth X1



Manual Instruction X1



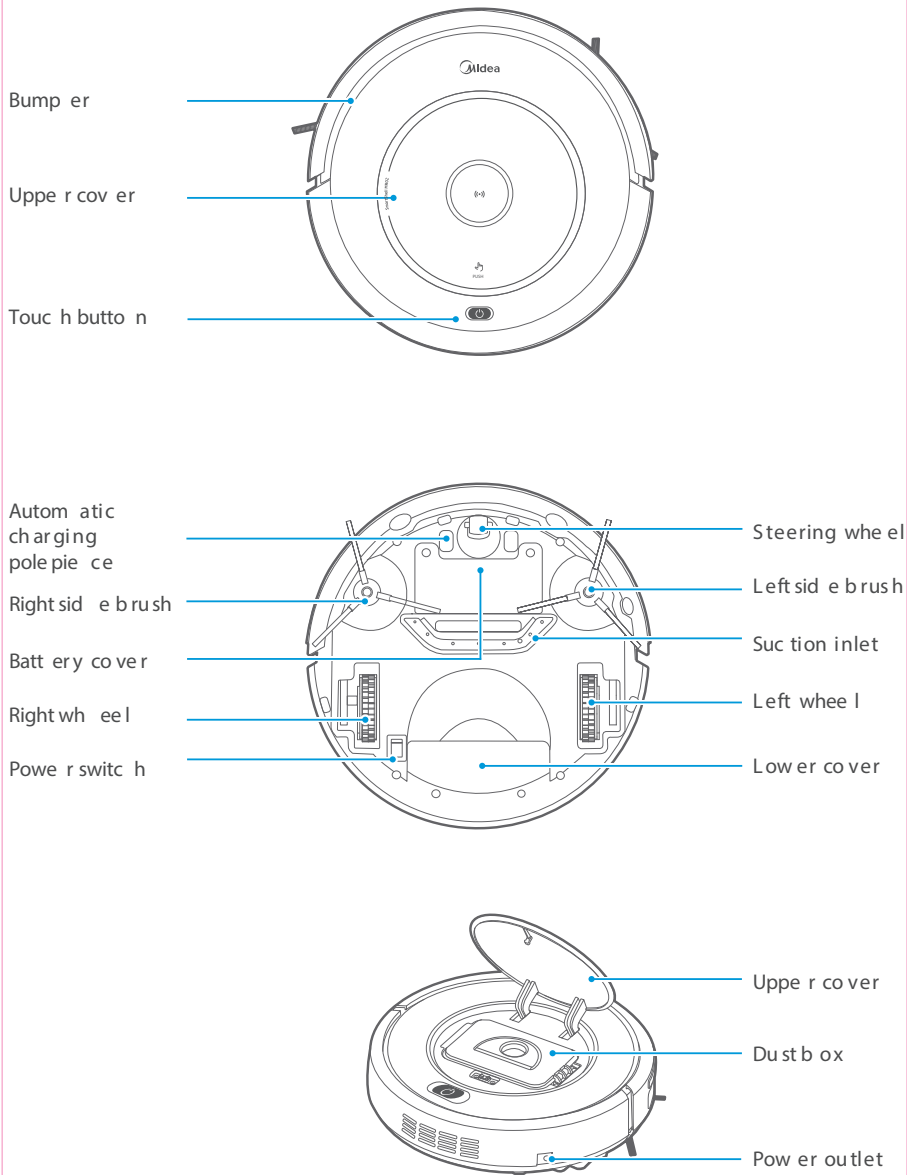
Side brush X2



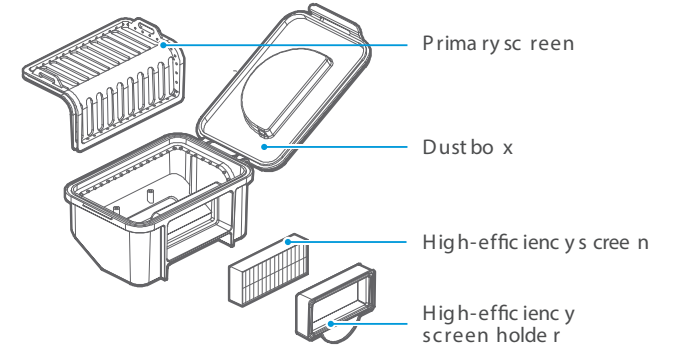
Power adaptor X1

# Product Operation

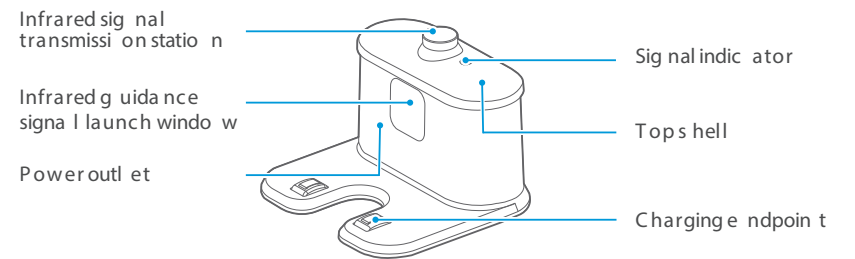
## Product Assembling



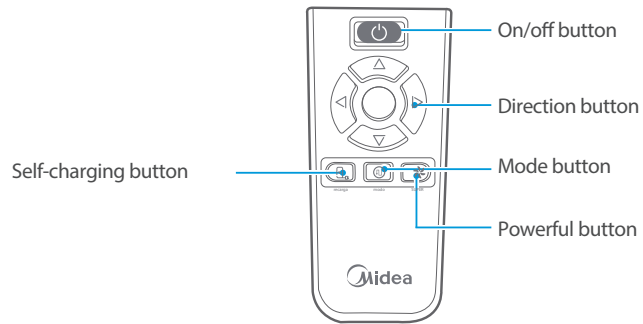
## Charging






## Charging



## Remote control panel introduction

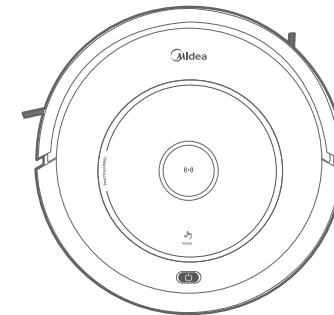



- 1 You may use the remote control as that for TV s, for which, open the switch at the bottom of the machine and press the "  " butt on of machine, then you can press the butt ons of remote control to cont rol mac hine (press"  "to wake up in case that the machin e enters into sleep wit hout oper ation wit hin 1 minute; press"  "again to open the machine if the machine enters into ou trage st ate wit hout op eration of 15 mi nutes).
- 2 Charging: When the machine is in standby or cleaning mode, press the Charging button, and it will enter the recovery mode , and charge it at this time.
- 3 Charging: When the machine is in standby or cleaning mode, press the Charging button, and it will enter the recovery mode , and charge it at this time.
- 4 Mode: Wh en the machine is in standby mode, press the "Mode" button and enter the cleaning state. Wh en the machine is in the cleaning state, press the "Mode" button and swit ch to the cle aning mode .
- 5 Powerful: Wh en the machine is in standby mode, press the Powerful button and enter a strong cleaning state, and press such button again to enter the powerful cleaning state when the machine is in the cleaning state. (The suction will be increased when the strong cleaning state is in focused cleaning state.)


## ! Caution

Please install two AA batteries before use. In the vicinity of the charging cradle, the machine may not be able to distinguish the instructions issued by the remote control. If you do not use the remote control for a long time, please remove the battery.

## Buttons and Indicators



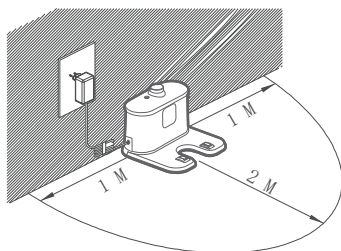
"  button and indicator section:


- 1 Open the power switch at the bottom of the machine, if the machine placed on the ground work properly, the blue indicator will slowly flash;
- 2 Press the "  cleaning button and the buzzer will sound the "Di Di Di", and the blue light will flash fast at first. If the machine is normal to work, the blue light will continue to light up, otherwise the machine will resume to standby mode, and the light will restore to the original state;
- 3 Where there are faults during the work, the indicator will make a different response based on different faults. See the failure analysis below in details;
- 4 When the battery is low , the red light is flashing quickly;
- 5 In charging state (when the machine is placed on the charging cradle or connected to the adapter) , the red light of indicator light slowly blinks; after charging is saturated, the buzzer sounds 5 beeps, while the red light turns off, the blue light turns on.

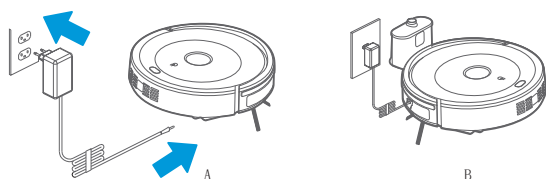
## Initial Operation

### Battery charging


- 1 Put the charging cradle on the ground against the wall and remove all the obstacles within 1 meter on both sides and 2 meters in front of the cradle.



- 2 Open the power switch at the bottom of the machine, and press the machine "  button, and the indicator light is flashing in blue light, and the machine is in standby mode.
- 3 User can charge the machine by the two following ways:  
A. Plug the power adapter directly on the machine with the other end connected with power;  
B. Connect the power adapter with the charging cradle, and align the remote control to the machine and press "Re-charging" button when the machine is in powered-on and awake-up state, to enable the machine to re-charge.



### Caution









- A. Make sure the power switch is ON before charging the machine, otherwise the red light will flash quickly accompanied by the buzzer sound;
- B. When the machine is charging, the "  cleaning button becomes red with slowly changing;
- C. After charging is completed, the buzzer sounds 5 beeps (no more than 5 hours each time);
- D. Please let the machine run out of electricity in the first use;
- E. After the battery is exhausted, please re-charge the machine as soon as possible;
- F. If you do not use the machine for a long time, please turn off the power switch.





- 4 Automatic charging When the cleaning is completed or the battery is too low, the machine will automatically find the charging cradle for charging.

### Caution

1. Please keep the charging cradle in the power state, and otherwise, the machine will not be able to find the base to charge. This product complies with the European ERP energy loss standard.
2. It is normal phenomenon that has the voice of high speed airflow while the product running.

## Product Assembling

- 1 Place the machine on the ground in case that do not use the dry cloth to clean, open the power switch at the bottom of the machine, and short press "  " button or short press the remote control "  " button to make the machine work; short press the "  " button again or short press the remote control "  " button to stop the machine; When using the dry cloth to clean, firstly open the power switch at the bottom of the machine, and then install the dish cloth bracket (with dish cloth) on the machine base, and place the machine on the ground to open the power switch at the bottom of the machine, short press "  " button or short press the remote control "  " button to make the machine work; short press the "  " button again or short press the "  " button of remote control to stop the machine.



- 4 Hold the remote control "  " button or "  " button for 3 seconds and the machine will enter into sleep mode. Hold the machine "  " button to wake up the machine. Press the "  " button of remote control to wake up the machine in the 15 minutes before the machine enters into the sleep state.

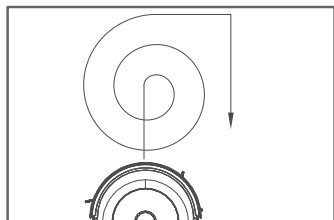
 **Caution**

1. Please use the cleaning cloth in dry mode.
2. Before starting the cleaning, please make sure whether the dust box is installed.
3. If the machine is not operated for 1 minute, it will automatically enter the sleep state. 15 minutes after entering such state, the machine automatically power off for protecting the battery to prevent the damage of battery life caused by over-discharge of battery. If you do not use the machine for a long time, please turn off the power switch.


## Cleaning Mode

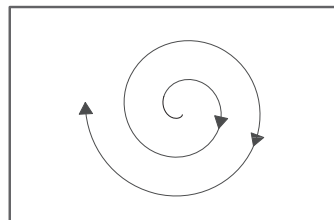
### Auto Cleaning

In the automatic cleaning mode, the machine will automatically clean the room, and adjust the cleaning mode in accordance with different environments. Press the "  " button of the main unit or "  " button of the remote control to enter the auto clean mode.



### Focused cleaning


Press the "  " button of the remote control and switch to focused cleaning mode.

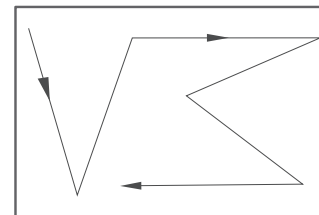


 **Tips**


It is recommended to use the focused cleaning mode when there is more rubbish on the ground. You can use powerful mode in focused cleaning mode.

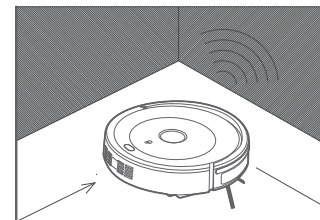
### Random cleaning

Press the "  " button of remote control to switch to random cleaning mode.



### Edgewise cleaning

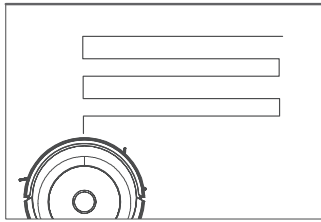
Press the "  " button of remote control to switch to border cleaning mode. In the border cleaning mode, the machine will sweep the edges of the obstruction along the obstruction.





### Bow-shaped track cleaning

Bow-shaped track cleaning is primarily used for large area without furniture to quickly clean the area with fast cleaning and high efficiency.



### Battery replacement

1. Loosen the screws in the battery cover with a screwdriver;
2. Remove the battery cover;
3. Seize the battery insulation cloth by hands to pick up the battery;
4. Open the connector to the battery and the main unit;
5. Put a new battery into the battery compartment, of which the side with words should be upwards;
6. Connect the connector to the battery and the main unit;
7. Arrange the battery and insulation cloth;
8. Put the battery cover back in place;
9. Lock the battery cover.

#### Caution

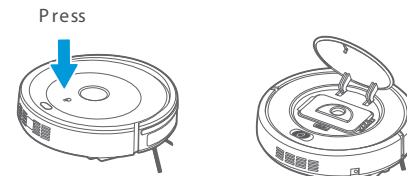
Never use batteries that are not attached in the unit. Otherwise it may cause damage to the machine.

## Product Maintenance

### Cleaning of Dust Box and Filter

Please clean the dust box after each time of use according to the steps as shown in the following figure.

1. Press the "PUSH" mark in the middle of the upper cover to open the middle cover.



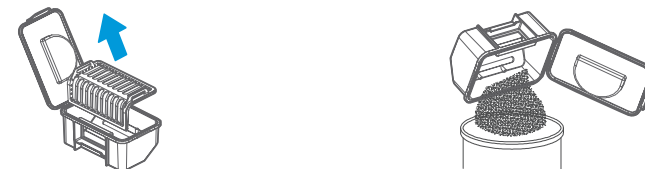
2. Take the dust box out.

3. Take out the high-efficiency screen.

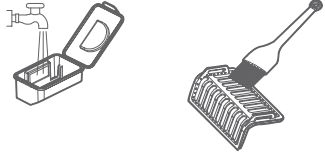


4. Open the dust box cover and take the primary screen out.

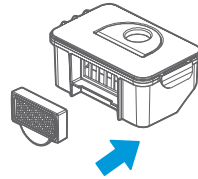
5. Dump the dust box;



6 Wash the dust box and the primary screen and then clean the high-efficiency screen with brush.



7 Reinstall all the primary screen and the high-efficiency screen into the dust box.



#### Tips

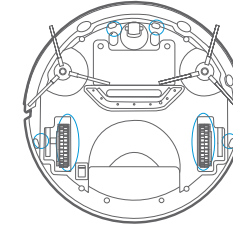
- A. Check the side brush, to see if there is any damage or foreign matter on it.
- B. Clean the side brush with cleaning tools or cloth.
- C. If the brush is broken and cannot be used, please change it immediately.
  1. Pull down the old side brush directly;
  2. Press and mount the new brush on bottom of the machine;

#### Caution

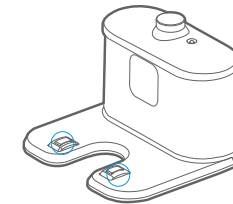
1. It is recommended to wash the screen after it is used for 15-20 days. The service life of the high-efficiency screen is 24 months.
2. Before reinstallation, please make sure the screen is dry.
3. Both the high-efficiency screen and the primary screen are all replaceable.
4. Please do not put the screen under the sunlight.

## Machine cleaning

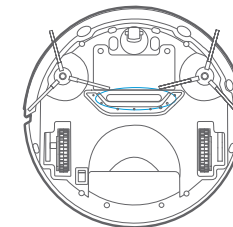
1 Sensor and wheels cleaning: Wipe the sensor and wheels gently with a cleaning tool or a soft cloth, as marked on the right.



2 Charging terminal cleaning: Use a cleaning tool or a soft cloth to clean the charging terminals on the charging cradle, as shown on the right.



3 Suction channel cleaning: Clean the suction channel with a cleaning tool or a soft cloth, as indicated on the right.




## TROUBLE SHOOTING

In case of mis-function, please refer to the following table.

Problem	Possible reason	Solution
Machine is suddenly stopped in the working period, while blue light lasts long time.	- The main unit is hung (including a suspension sensor inspecting a continuous dropping hazard or wheel float)	- Re-install the main unit back to the ground, and then reboot it
In case that open the power switch and short press the "⏻" button of the machine placed on the ground, the blue light lasts long time (the machine is not connected with the charging cradle or adapter)	- Suspension sensor failure or wheel impedance switch failure	- Clean the suspension sensor, if not yet restored, then send to after-sales service center for maintenance
The machine does not change the direction when touching the obstruction	- Bumper sensor error	- Check the bumper sensitivity to ensure whether there is a foreign body
When charging, the red light flashes quickly, accompanied by a buzzer sound	- The machine power switch is not turned on	- Turn on the power switch
The red light flashes quickly	- The power of machine is low	- Charge the machine
Blue light flashes once, while red light flashes twice	- The side brush of the machine is wrapped or stuck	- Move the machine to the ground and remove the entanglement of side brush
Blue light flashes once, while red light flashes twice	- Main unit bumper is not flexible	- Loosen the screws at the bottom of the bumper
Blue light flashes once, while red light flashes three times	- Main unit wheel set is blocked	- Clear the obstruction of wheel set

## PRODUCT PARAMETERS

Items	Parameter	Item	Parameter
Diameter	300 mm	Charging type	Manual / Auto
Height	78 mm	Cleaning mode	One-key/Remote
Net weight	3.5 Kg	Charging time	Less than 300min
Rated voltage	14.4 V 	Cleaning time	Approx. 60min
Battery capacity	NI MH 1000 mAh	Button type	LED physical button
Dust bin	0.3 L		