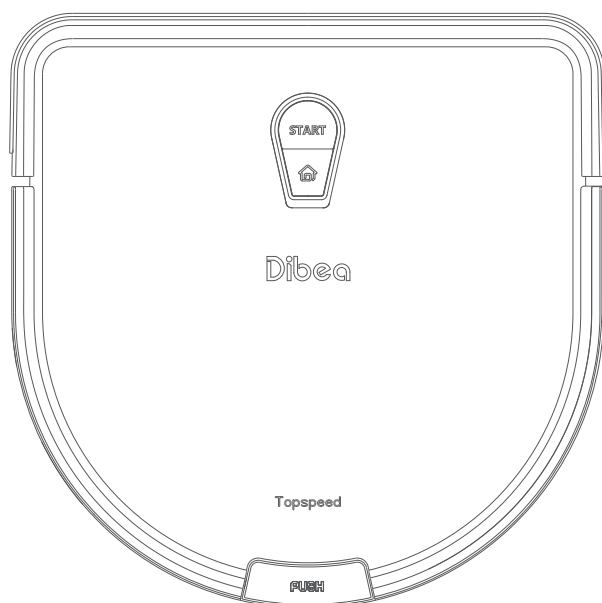


**D960**

# Robotic vacuum cleaner



## Instruction Manual

- i** Read this user manual carefully before first use.  
Keep this manual for further guidance in case.



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## WARNING:



Basic safety precautions should always be observed when using an electrical appliance, including the following to reduce the risk of fire, electrical shock, or injury.

- Read this manual carefully.
  - Keep this manual for further guidance.
  - Any operations oppose to the description in this user manual may lead to injury to human or this product.
- (1). Only authorized technicians can disassemble the product. Users are not allowed to disassemble or repair the product.
  - (2). Only use the original battery and power adaptor of the product for charging. Using other unmatched adaptor may cause electric shock, fire or product damage.
  - (3). Do not touch the power cord, plug or adaptor with wet hands.
  - (4). Do not use this product in wet or moist environment (any environment with liquid), e.g. bathroom or laundry.
  - (5). Do not use near curtains, wrapping materials, or any objects that may be winded in the drive wheels.
  - (6). Before using, collect the floor environment (remove all the fragile objects and cords, clothing, papers, loose cables, as well as make sure to lift curtains and drapes off the floor to avoid any possible accidents )
  - (7). Do not use this product near cigarette, lighter, match or any flammables.
  - (8). Never use the product to clean combustible or highly volatile liquids, such as gasoline.
  - (9). Only use the product indoors. Do not use it outdoors.
  - (10). If the product needs cleaning, clean it after it is fully charged.
  - (11). Do not over-bend or put anything heavy or sharp onto the charging cord.
  - (12). Do not sit on top of this product or attach an object on the top of it. Beware of children or pets while the product is working.
  - (13). Do not place this product where it is easy to drop off (tables, chairs, etc).
  - (14). Turn off the power switch during product transportation or when you don't need to use it for a long time.
  - (15). Before charging, check whether adaptor and outlet are properly connected.
  - (16). To avoid tripping, inform all the people in the house when the product is working.
  - (17). When the dust bin is full, empty it before using.
  - (18). Use this product in temperature from 0-40°C .
  - (19). Do not use this product in high-temperature environment or under direct sunlight for a long time.

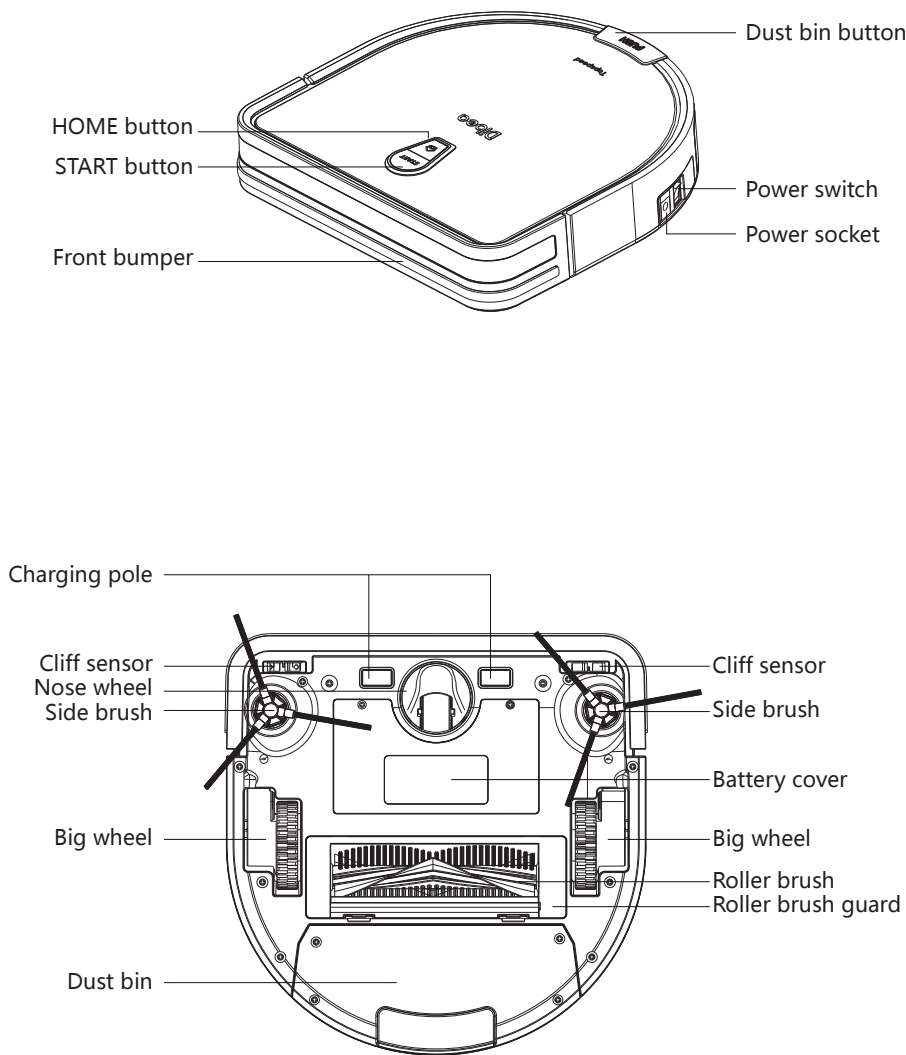
- (20). The battery must be removed from the product before it is scrapped.
- (21). The battery should be disposed properly for safety.
- (22). The adaptor must be removed from the socket outlet before cleaning or maintaining the appliance or removing the battery.
- (23). Do not use the product on long plush rugs or dark color floors.

## Warning:

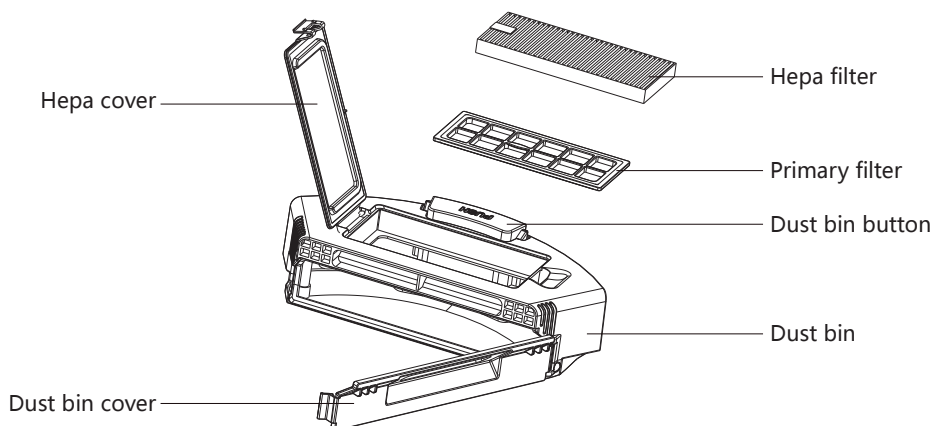


- Children, mentally challenged people or people lack related experience and knowledge are not allowed to use this product without special guidance.
- Do not use the product somewhere higher than the user in case it drops off and hurts people.
- Do not use the product in open areas without protective guard.

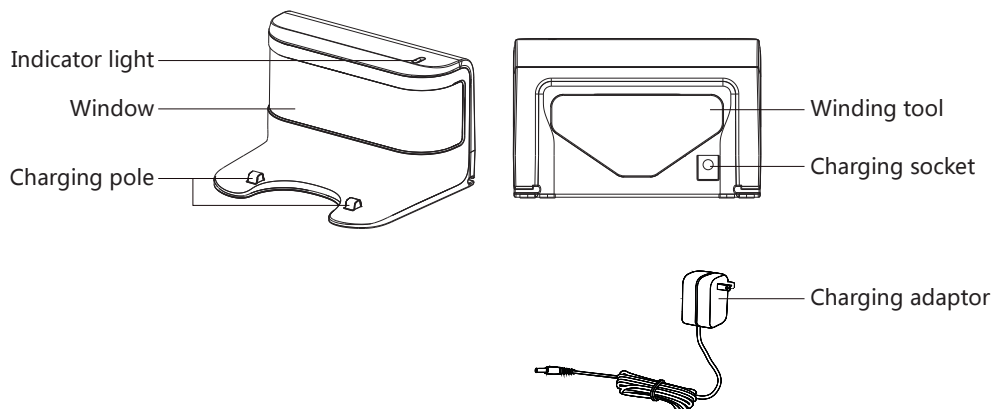
• Main body



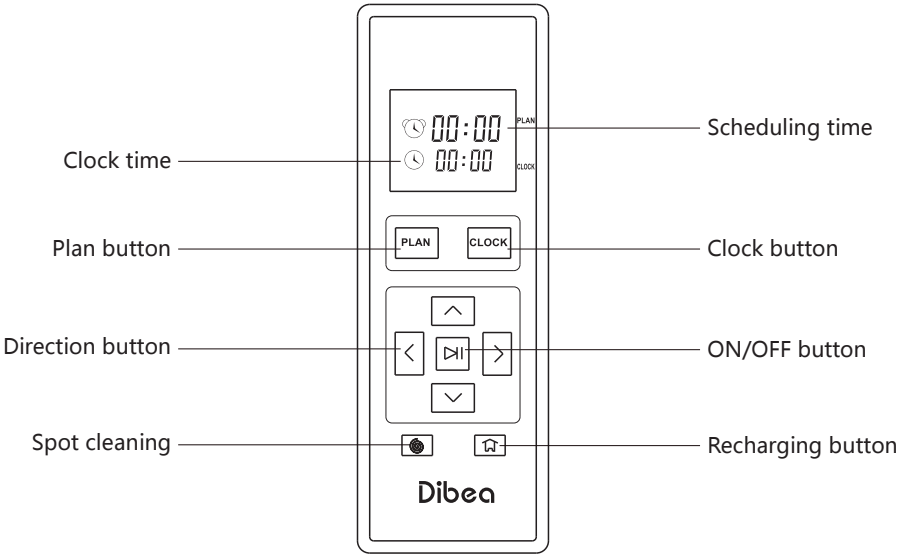
## • Dust bin



## • Charging base and accessories




• Remote control













• Main button

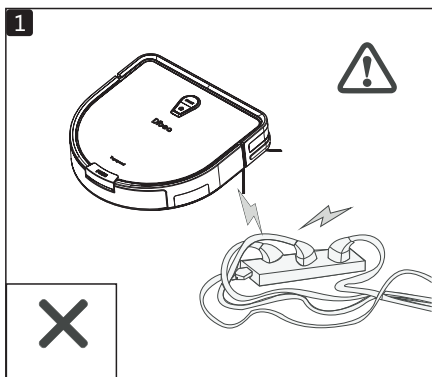
	State	START button <small>START</small>	HOME button 
1	Standby	Yellow	—
2	Working	Green	—
3	Back to charging base	Green	—
4	Back to charging base(received the signal)	Blue	Yellow
5	Charging	Flashing yellow	Yellow
6	Fully charged	Green	—
7	Error	Red	—

• Main body & accessories

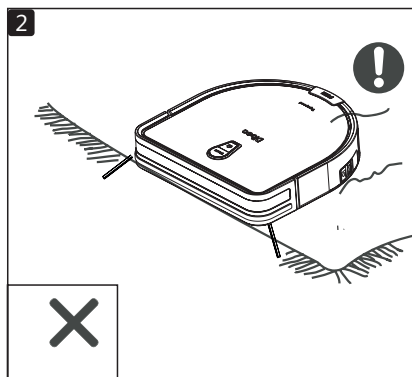
			
Main body*1	Charging base*1	Charging adaptor*1	Remote control*1
			
Side brush*2	User manual*1	Hepa filter*1	Cleaning brush*1

## • Attention

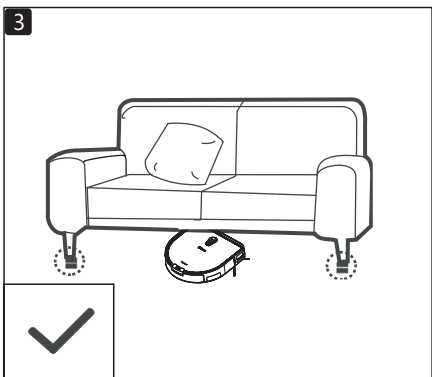
Before using the vacuum robot, please check the environments as described below:



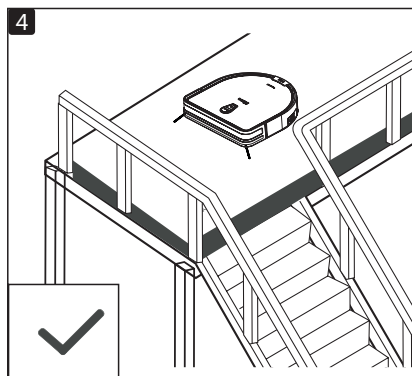
Remove all the cables to avoid tangling.



Make sure the carpet fringing won't tangle the vacuum robot.



Lift up the furniture if it is lower than 8cm when cleaning.

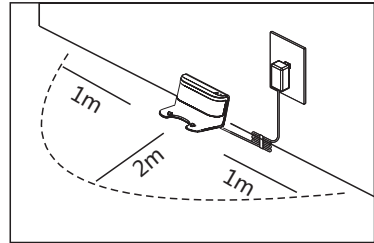


Make sure there are protective railings when it cleans on stairs.

## • Quick guide

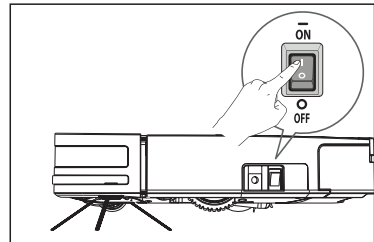
### Charging prepare

- Connect the adaptor to the charging base
- Place the charging base against the wall and remove obstacles about 1 meter at two sides and 2 meters forward.
- Plug the adaptor into the wall socket.



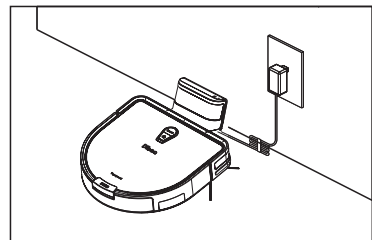
### Start the vacuum

- Turn on the switch button on the side, "I" means turn on, "O" means turn off.
- After cleaning, for next use, do not turn on the main switch button.



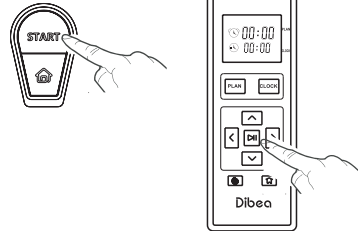
### Charging

- Place the vacuum robot onto the charging base.
- Or connect the adaptor to the main body directly.
- When the "START" button turns yellow from weak to strong, it means the vacuum robot is charging.
- When the light turns green, the vacuum robot is fully charged.
- When using it at the first time, please fully charge the vacuum robot until the light turns green.



## Start cleaning

- Press the START button on the vacuum robot or the ON/OFF button on the remote control to start cleaning.
- Before starting cleaning, make sure the vacuum robot is not in sleeping mode. If yes, press the START or ON/OFF button to wake it up.
- The START button doesn't have light in sleeping mode. It turns yellow in standby mode and turns green when working.



## Stop cleaning

- When the vacuum robot is working, press the START or ON/OFF button to stop it.
- After stopping it, the START button will turn yellow. And it will turn to sleeping mode if there is no operation in 30 seconds.

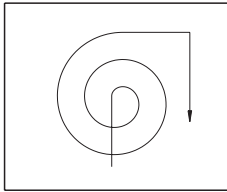
## Sleeping

- When in sleeping mode, press the START or ON/OFF button can wake it up.
- When in standby mode, long press the START button to turn to sleeping mode.
- When in standby mode, the vacuum robot will turn to sleeping mode if there is no operation in 30 seconds.

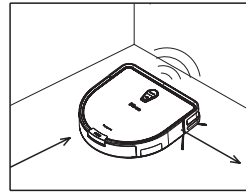
## • Cleaning Modes

### Cleaning paths

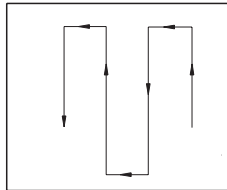
- This vacuum robot has several cleaning paths, which can automatically switch according to different surface types.
- The default mode when starting the vacuum is Auto mode. And it will switch the 4 cleaning paths automatically depending on different floor types.



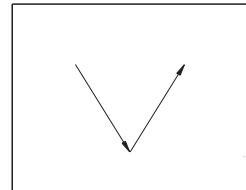
Auto cleaning path



Edge cleaning path




Zig-zag cleaning path



V cleaning path



### Spot cleaning

- In standby mode, press the  button on the remote control and the vacuum robot will turn to spot cleaning mode.
- This mode is suitable for cleaning at a dirtier area. The vacuum robot will spiral intensively until it finishes cleaning the dirty spot.

### Scheduling

- In standby mode, press the PLAN button to set the scheduling time. Once scheduled, the vacuum will clean at a certain time 7 days a week.

### Recharging

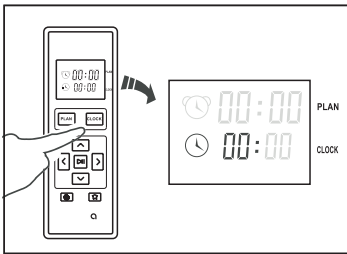
- When the battery is low, press the  button on the vacuum or the  button on the remote control to make it go for recharging.
- When it is working and the battery is low, the vacuum will automatically go back to the charging base for recharging.

## • Scheduling setting

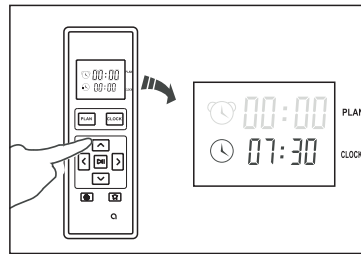
Please use the remote control to set the scheduling. Once successfully scheduled, the vacuum robot will clean at a certain time every day.

Before setting the time, make sure the START button is green. If the vacuum is in standby mode, press the START button to wake it up first.

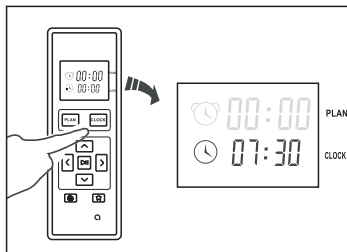
### Set the clock time



Press the CLOCK button, and the left 00 of the 00:00 will flash.

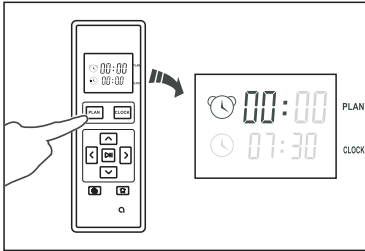


Press the  $\blacktriangle$  to set the hour and minute, press the  $\blacktriangleleft$  to change between the hour and minute.

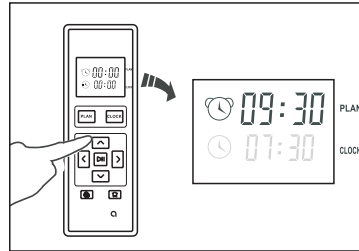


After finishing the setting, press the CLOCK button to save the setting.

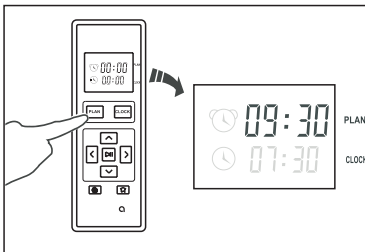
## Set the scheduling time



Press the PLAN button and the left 00 of the 00:00 will flash.



Press the  $\uparrow$  to set the hour and minute, press the  $\leftarrow$  to change between the hour and minute.



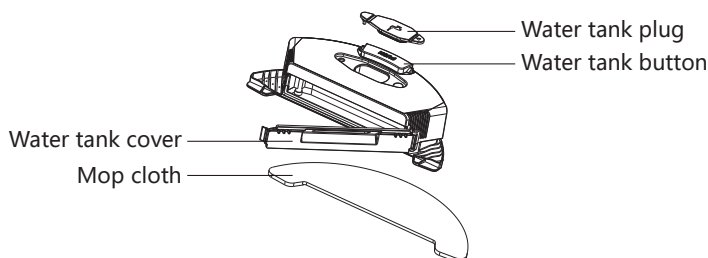
After finishing the setting, press the PLAN button to save the setting.

## Cancel the scheduling

- Set the scheduling time as "00:00" and save the setting, the previous scheduling will be canceled.
- When setting the clock and scheduling time, there will be beep tone. If you don't hear a tone, the setting may be unsuccessful.
- When replacing a new remote control battery, you need to reset the time as showed above.

## • Water tank

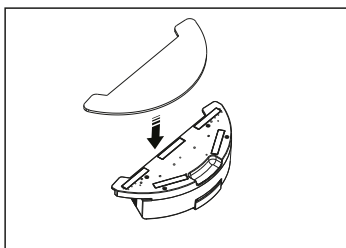
The water tank and dust bin of D960 are interchangeable. For correct instalment, please refer to related operation instructions.



- Do not use mopping function on carpets or rugs.
- When the robot is mopping, please pay attention to the water and add more when needed.
- Do not install the water tank with water when the robot is charging.

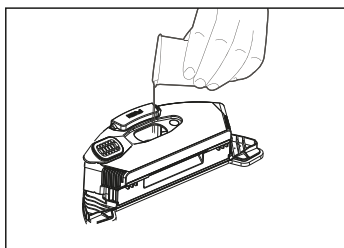
### 1 Install the mop

Attach the mop to the bottom of the water tank.



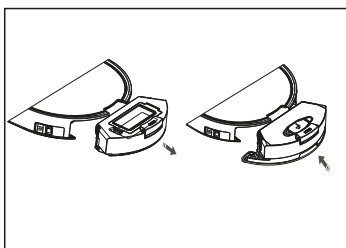
### 2 Add water

Add enough water through the inlet.



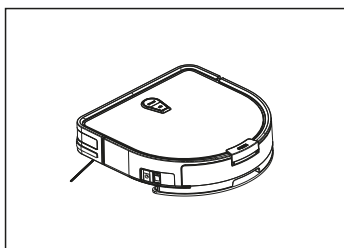
### 3 Install water tank accessories

Press to take out the dust bin, and install the water tank.



### 4 Start mopping

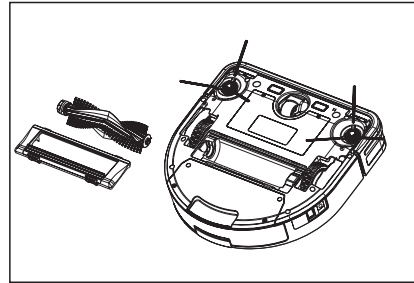
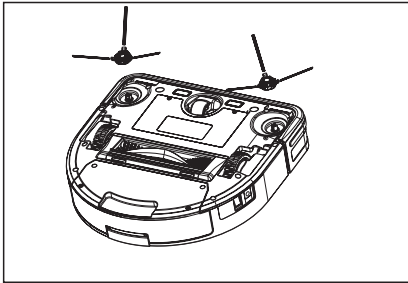
Start auto cleaning, and it will mop at the same time.



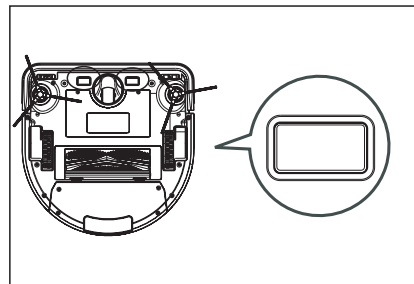
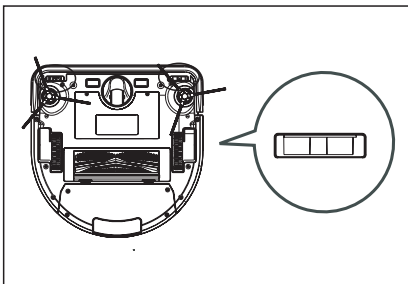


- Side & roller brush cleaning

Clean the side brushes and roller brush when they get dirty and replace them once damaged.



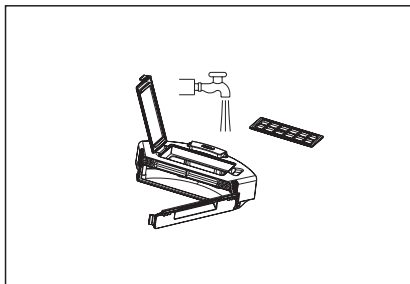
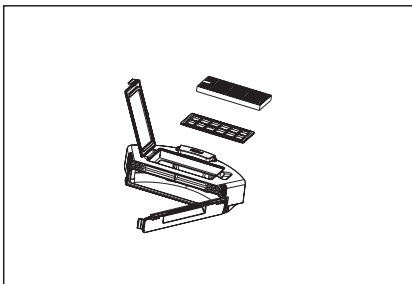
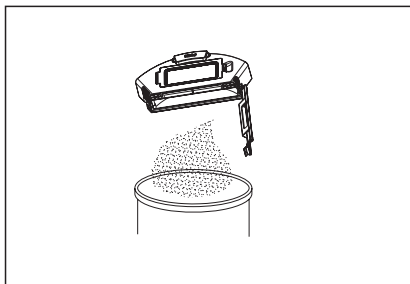
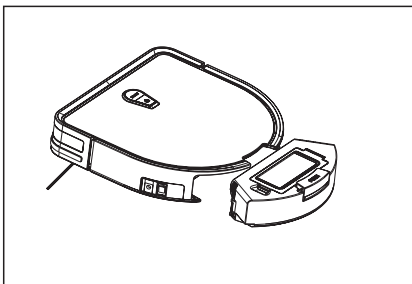
Gently pull and take out the side brushes as showed above.  
Remove the roller brush guard and take out the roller brush as showed below.



Clean the charging poles and cliff sensors with soft cleaning cloth or tool.

## • Dust bin & filter cleaning

- Take out the dust bin and check if the suction is blocked.
- Open the dust bin and empty it.
- Take out the HEPA filter and primary filter and clean them
- Install the filters correctly after drying them.



- Empty the dust bin after every use.
- Do not wash the HEPA filter with water.
- Make sure filters are dry before installing.
- Do not dry the filters under strong sunlight.
- Filters are replaceable parts.

## • Errors and solutions

Error	Cause	Solution
When charging, press the START button and the vacuum won't back off and starts cleaning, and the light turns red with 3 beeps.	Switch button is turned off.	Turn on the switch button and press the START button again.
	The vacuum is connected to the adaptor directly for charging.	Cut off the power and turn on the switch button.
The inside fan doesn't work when installing the dust bin.	Inappropriate installment of dust bin.	Re-install the dust bin.
	Magnet of dust bin gets lost.	Contact the seller.
	Fan failure	Contact the seller.
The vacuum keeps acting like: back - swing from left to right - back - turn around.	Foreign body in roller brush tank.	Clean the roller brush tank.
The vacuum keeps acting like: back - turn in circles or keep turning in circles.	Front sensors get covered by dust.	Clean the sensors.
	Cliff sensors get covered by dust.	
The vacuum acts like: back - turn around for 3 times when cleaning.	Front bumper gets stuck.	Gently pull and pat the front bumper.
The vacuum acts like: back - turn around every 2-3 seconds when cleaning and without any other trouble.	Nose wheel failure.	Move the nose wheel by hand and check if it gets stuck.

• Product specifications

Item	Specifications
Diameter	305 mm
Height	75 mm
Net weight	3 kg
Voltage	14.8 V
Battery	Li-ion 2600 mAh
Dust bin capacity	350 ml
Charging type	Auto
Cleaning modes	Auto, spot, edge, scheduling
Charging hour	5 hours
Working hour	150 minutes



Providing one-stop household  
cleaning solution

Suzhou Dibea Electrical Technology Co.,Ltd.  
Official website: [www.dibea.com](http://www.dibea.com)