



"CE" marking states that the product is compliant to European Directives

Low Voltage Directive(LVD)2014/35/EU

2004/108/EC EMC Directive

It is possible to request a full copy of Declaration of compliance to the Distributor:

This product comply with the rules of RoHS Directive(2011/65/EU)

This product comply with the rules of Eup Directive(2009/125/EC)

+ 1 916-850-2832

841 F St, West Sacramento, CA

95605, US

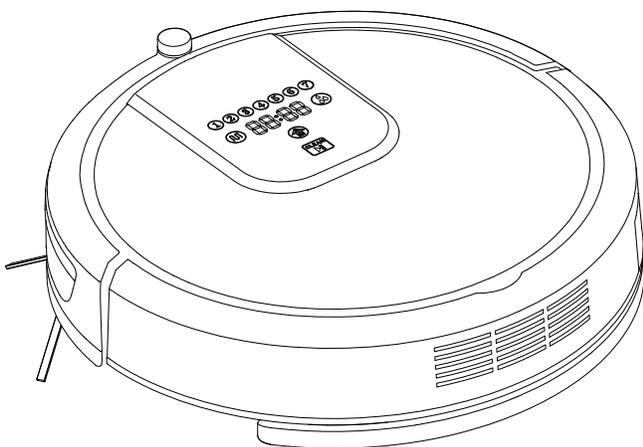
ibotrobotics.com

Design in California

Assembled in China

MULTI-FUNCTION ROBOTIC VACUUM CLEANER

iBot Vac



Thank you for purchasing the product. Please read through the instructions before use.

Table of Contents

Table of Contents	01
Safety Instructions	02
Advanced features	03
Product introduction	04
Structure of the cleaner	05
Panel of the cleaner	06–07
Battery installation for the cleaner	07
Introduction of the auto charging dock station	08
Introduction of the remote controller	09
Settings of the UV lamp on the remote controller/intelligent Water tank	10
Settings of schedule/time for the remote controller	11
Installation & removal and cleaning of the 2 in 1 Smart Water Tank™	12
Installation of the 2 in 1 Smart Water Tank™/trailing bar/mop	13
Installation and removal of the ONE COVER ALL main brush assembly	14
Common failures and troubleshooting	15
Dimensions and Parameters	16

Safety Instructions

Before using this product, please read the following safety instructions and follow all routine safety precautions!

- Please read these instructions carefully.
- Please keep this book of instructions.
- Any operation not in compliance with this book is likely to cause damage to the product.
- The right to final interpretation resides in the Company.

Warning

<p>Anyone except our designated service technicians may not disassemble, repair or modify the product. Otherwise it may lead to fire, electric shock or injury.</p>		<p>Do not use any recharger other than the one accompanying this appliance. Otherwise it may cause fire resulting from product damage, electric shock or high voltage.</p>	
<p>Do not touch any high voltage power cable of the appliance with wet hands, as this may cause electric shock.</p>		<p>Do not over bend the power cord or place heavy objects on it. Doing so may damage the cord, causing a fire or electric shock.</p>	
<p>Attention must be made to avoid clothes or any part of body (head, fingers, etc.) getting involved in the brush or wheels of the vacuum cleaner. Doing so may result in personal injury.</p>		<p>Keep away from cigarettes, lighters, matches and heat source objects and from flammable materials (such as using gasoline to clean the machine).</p>	

Attention

<p>Turn off the power before transporting or relegating it to prolonged storage. Otherwise, the battery may be damaged.</p>		<p>Plug the power cord of the recharger tight, or it may cause electric shock, short circuit, smoke or fire.</p>	
<p>Check the connection between the recharger and the socket for reliability. Otherwise it may result in non-charging and consequential fire.</p>		<p>To prolong battery life, recharge it for at least 16 hours after the first use or before reuse after a long idle period. The battery will not achieve its optimum performance until 2-3 complete recharging-discharging cycles.</p>	
<p>Before leave vacuum cleaner to a long idle period, please recharge the battery to its full, then take the battery to a cool place, keep bottom to keep the bottom of the appliance dry.</p>		<p>Prior to use, remove all damage-prone objects (luminous objects, fabrics, glass bottles, etc.). Otherwise it may cause damage to these objects, or affect the performance the appliance.</p>	
<p>Please use the cleaner with caution in the presence of children to avoid being starting or hurting them.</p>		<p>Do not stand or sit on the vacuum cleaner so as not to cause damage to it or injuries to human.</p>	
<p>Attention: Do not let the robot inhale water and other liquids, Otherwise it may lead to product damage.</p>		<p>Do not use the vacuum cleaner in confined spaces (small table, chair) which may lead to product damage.</p>	
<p>Outdoor use is prohibited, as doing so may cause product damage.</p>		<p>Do not use the vacuum cleaner on commercial premises, otherwise product damage may follow excessive use.</p>	

Advanced features

01. 2in1 Smart Water Tank™

The cleaner can sweeping and mopping at the same time. The water seeping speed of the water tank can be controlled, you may select the water seeping speed also through the remote controller to achieve the optimum uniform wet mopping effect. When charging, the water seeping will be shut automatically. This is a protection to prevent current leakage which results from water residue on the ground .

02. Design of super wide off-road wheel

Super wide wheel will resolve the slipping problem which occurs to the cleaner when it wet mopping.

03. Patent ONE COVER ALL cleaning system

Patent V-shape brush made of soft wool suitable for tiles, marble and wooden floors and a rear-part brush made of rubber suitable for carpet deep cleaning.

04. Patent 3D UV sterilization

3D UV will kill bacteria on floors, the suction inlet and inside the dustbin.

05. Patent 3D filter

The 3D conditioning level filter (effectively preventing suction plugged when dustbin close to full) + HEPA filter prevent a secondary air pollution. The dust bin and 3D filter can be washed directly.

06. User-friendly design

Regardless of elders or children, a simple touch on the "  " on the cleaner and cleaner will run automatically.

07. Garbage detection

When detecting garbage, the cleaner will automatically increase suction power

08. Super suction power

The suction power of the cleaner is up to 2000Pa, and even fine dust will be cleaned up.

09. Intelligent suction adjustment

When detecting a lot of rubbish, the cleaner will adjust the suction power automatically ,which not only greatly improves the cleaning efficiency, but also save as much as about 30% of the electricity.

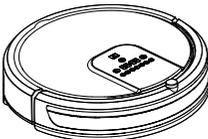
Product introduction

This product can be used in cleaning family homes, hotel rooms, and small offices, and cleans well a variety of short-pile carpets, wood floors, and ceramic tile ,etc.

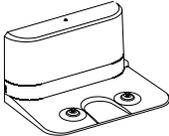
Functionality overview

It works on a rechargeable lithium-ion battery and under intelligent microcomputer control. It is an intelligent vacuum cleaner featuring UV sterilization, auto cleaning, vacuuming, intelligent wet mopping, timing, schedule cleaning, remote control, multiple identification protection functions, various automatic cleaning modes, and automatic recharging.

Cleaner and accessories



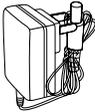
Cleaner × 1



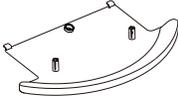
Charging dock station × 1



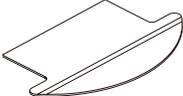
Remote control × 1



Power adapter × 1



Trailing bar × 1



Mop × 2



Cleaning brush × 1
(mounted on the dust bin)



HEPA × 1



Instruction manual × 1



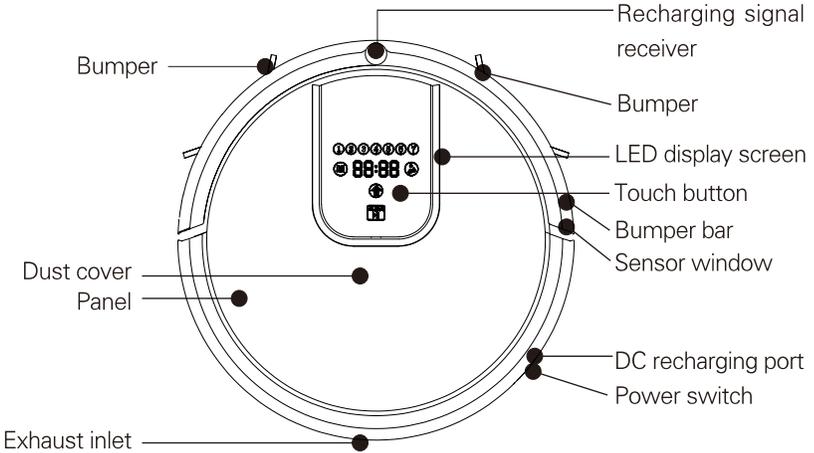
2in1 Smart
Water Tank™



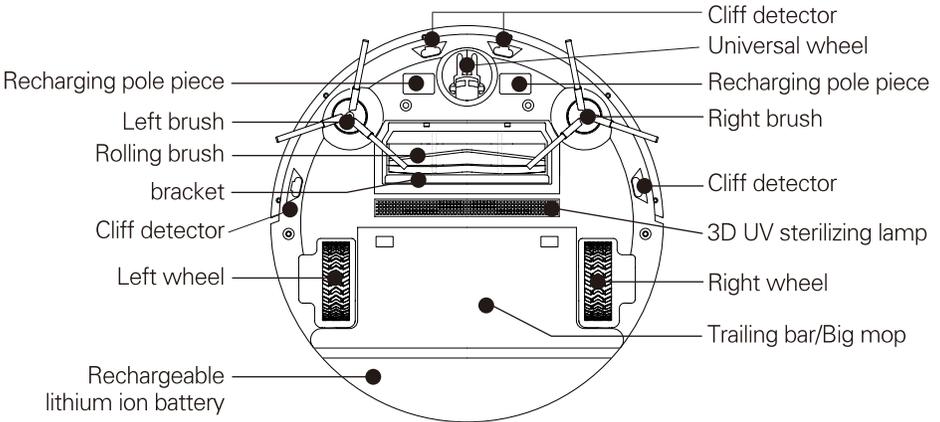
Side brush × 4
(Please fix 2 on the cleaner before
use payattention left or right)

Structure of the cleaner

Unit top



Unit bottom



Panel of the cleaner



Before cleaning, tidy up the small items or obstacles in the room, especially the power cord and other easy entanglements; where the battery is low during cleaning, the cleaner will stop cleaning and give five beeps, light up the recharging touch light, and automatically rolling back to the docking station.



Auto cleaning/mopping button

Press this button and the cleaner will start automatic cleaning/mopping until the power is low at which point of time it will automatically go back to the auto charging dock station. In the course of cleaning/mopping, touch this button and the cleaner will stop.

 Attention please push "  " to start only after music



Docking indicator

Press the "  " on the remote control, and as this icon is on, the cleaner will seek the docking station for charging automatically .



indicator

Mopping mode, this icon on the cleaner is turn on.



Display of water seeping speed of the Intelligent water tank

The mopping mode, this icon is normally on indicates it is in standard water seeping speed, blinking indicates it is in fast water seeping speed, when the water tank runs out of water, this icon will light off, display error code E012.



Attention: Before charging , make sure turn the power switch of the cleaner to ON!

Panel of the cleaner



Digital indicator

- a. An error code will be displayed for an error, for instance: E001 will be displayed as "E001"
- b. Display hour/minute, for instance: 08:28A.M. will be digitally displayed as "08:28".
- c. Recharging display : " 1 1 1 1 "In the course of recharging, a "1" will be lit up in turn on. When it is charged full capacity, " FULL "is displayed.
- d. **①②③④⑤⑥⑦** Display of weekday :1,2,3,4,5,6,7



- 1. It is suggested to clean the suction inlet and dust sensor each time emptying the dust bin.
- 2. When the cleaner is at work, the cleaning path follows default Settings but when it detects any dust, it will automatically switch to focused spiral cleaning.
- 3. To maximize the wet mopping effect; Before start, please refill the water tank to the fullest.

Battery installation for the cleaner

- 1. To install the cleaner battery, please use a screwdriver to loosen the four screws on the half-moon shaped bottom shell, and remove the battery installation cover (see Fig.1).
- 2. When installing the battery, please correctly connect the snap joints of the two terminals (see Fig. 2).
- 3. When not in use, place the cleaner into recharging status, which will maintain the battery in optimal use.
- 4. If the machine is left unused for a long time, please recharge the cleaner once a month on a regular basis to maintain the battery in optimal use.
- 5. The battery can only be replaced with the battery from the original manufacturer, otherwise it may cause damages or accidents to the cleaner.

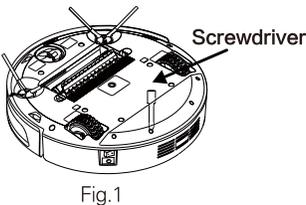


Fig.1

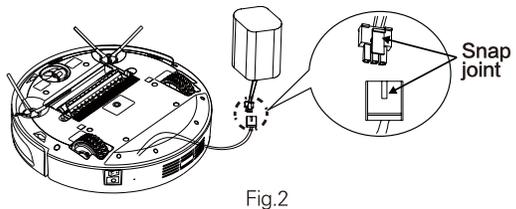


Fig.2

Introduction of the auto charging dock station

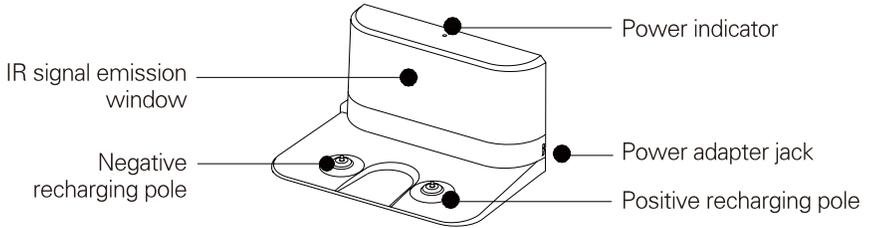


Fig.1

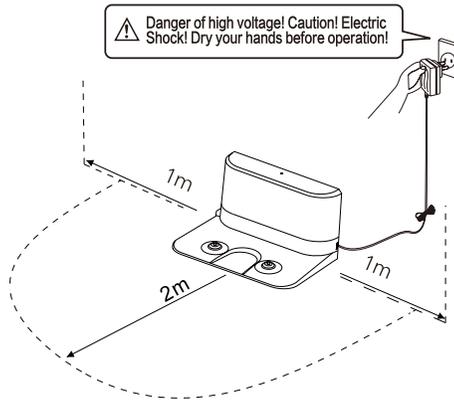


Fig.2

Instructions for the charging dock station

1. Securely mount the charging dock station onto a flat ground and a wall near and perpendicular to the ground.
2. Avoid obstacles and uneven areas within 2m in front of the docking station and 1 m on both sides.
3. If the infrared signal emission surface of the docking station is blocked, the cleaner will be unable to find the docking station for charging .
4. Please keep tidy the DC power cord of the docking station, and do not put the power cord on the ground, otherwise it will affect to search the docking station

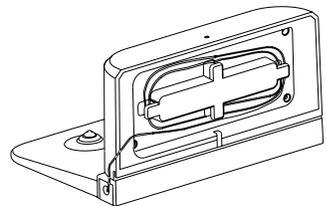


Fig.3

Settings of the UV lamp on the remote controller/ intelligent water tank

1. Setting of the UV lamp Settings:

At default mode from the factory, the UV is on , if you want to turn off the UV lamp during cleaning , follow the below guide:

- a. In standby mode, press the "TIMER" button, then press the "FULL GO" button to enter the settings of UV lamp (the UV icon on the cleaner will flash);
- b. Press the "▲" button, the UV lamp on the cleaner is on, and the screen displays "1111";
- c. Press the "START/STOP" button to save the current settings and return to the standby mode.
- d. Press the "▼" button, the main UV lamp is off, the screen displays "0000";
- e. Press "START/STOP" to save the current Settings and exit to standby mode

2. Settings of the intelligent water tank :

At default mode from the factory, it is standard water seeping mode; if you want to use quick water seeping mode, follow the follow guide for setting.

- a. In standby mode, press the "TIMER" button, then press the "WALL" button to enter the settings of the water tank seeping speed (the water droplet icon "💧" on the cleaner will flash);
- b. Press the "▲" button, and the "💧" on the cleaner is on, the screen displays "1111", indicating the water tank is in a standard water seeping mode, suitable for wooden floor, as too much water will ruin the wooden floor. This mode is also suitable for clean floor.
- c. Press the "START/STOP" button to save the current settings and return to the standby mode.
- d. Press the "▼" button, the "💧" on the cleaner is off, the screen displays "0000"; indicating the water tank is in a quick water seeping mode, suitable for tile/marble floor or dirty floor.
- e. Press the "START/STOP" button to save the current settings and return to the standby mode.

Introduction of the remote controller



Fig.1

Button functions of the remote controller

- Press "HOME" and the cleaner will enter the auto charging mode.
- Press "POWER" and the cleaner will enter the sleep/wake-up mode (in sleep mode, press and hold this button for 1 second to enter the wake-up mode).
- Press "TURBO" and the cleaner will enter the Turbo cleaning mode, suitable for very dirty floor or hairy carpet.
- Press "WALL" and the cleaner will enter the wall follow cleaning mode.
- Press "SPOT" and the cleaner will enter the spot cleaning mode.
- Press "FULL GO" and the cleaner will enter the FULL GO mode.
- Press "TIMER" and the cleaner will enter the Settings of appointment/time, UV lamp ON/OFF, Water tank outflow (this is a combination button, see page 11-12 for more).
- Press "START/STOP" and the cleaner will enter the automatic cleaning mode.
- Press "▲" and the cleaner will start forward movement.
- Press "▼" and the cleaner will start backward movement.
- Press "◀" and the cleaner will start leftward movement.
- Press "▶" and the cleaner will start rightward movement.

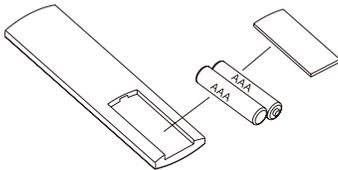


Fig.2

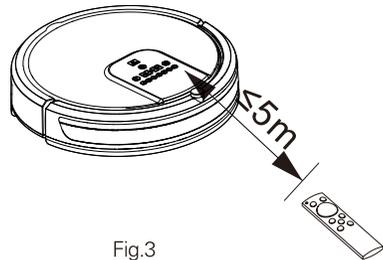


Fig.3



Attention

1. Place two AAA batteries to use the remote controller. (As shown in Fig. 2)
2. When controlling the cleaner with the remote controller, aim the controller at the sensor head of the cleaner, and keep it within 5M from the cleaner.

Settings of Schedule/time for the remote controller

1. Settings of current week day, hour/minute

a. Settings of current week day:

In the standby mode, press the "TIMER" button, then press the "TIMER" button to enter the settings of current week day; press the "◀", "▶" buttons to switch Monday/Sunday;

Press the "▲" button until it is normally on to select a week day; press the "▼" button until it flashes to cancel a week day;

Press the "START/STOP" button to save the current week day and enter the settings of current hour/minute;

b. Settings of current hour/minute:

After the settings of current week day is done, press the "START/STOP" button to enter the specific settings of current hour/minute.

Press the "◀" and "▶" buttons to switch hour/minute;

Press the "▲" button to increment the current time, and press the "▼" button vice versa;

Press the "START/STOP" button to save the settings of appointment hour/minute and exit to the standby mode.

2. Settings of Schedule cleaning

a. Settings of Schedule week day:

In the standby mode, press the "TIMER" button, then press the "SPT" button to enter the settings of schedule week day; press the "◀", "▶" buttons to switch Monday/Sunday;

Press the "▲" button until it is normally on to select a week day ; press the "▼" button until it flashes to cancel a week day;

Press the "START/STOP" button to save the appointed week day and enter the settings of appointed hour/minute.

b. Settings of schedule hour/minute:

After the settings of schedule week day is done, press the "START/STOP" button to enter the settings of appointed hour/minute.

Press the "◀" and "▶" buttons to switch hour/minute;

Press the "▲" button to increment the appointed time, and press the "▼" button vice versa;

Press the "START/STOP" button to save the settings and enter the week day settings of schedule cleaning.

Installation & removal and cleaning of the 2in1 Smart Water Tank™

1. Installation & removal of the 2 in 1 dustbin of the cleaner

- 01. Pull up the dust cover (Fig. 1).
- 02. Take out the 2 in 1 dustbin & water tank. (Fig. 2).

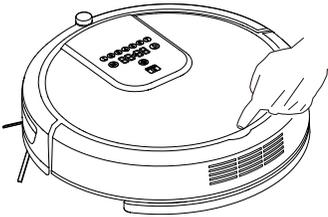


Fig.1

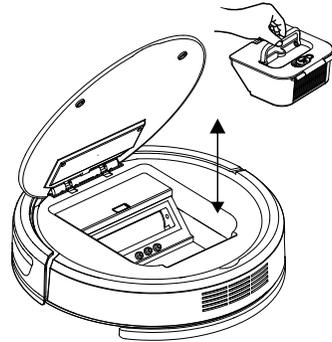


Fig.2

2. Cleaning of the 2in1 Smart Water Tank™

- 01. Open the upper cover of the dustbin, pour out the dirt and other junk (Figs. 3,4, and 5).
- 02. The dustbin and the filter screen can be rinsed with water (Fig.5).

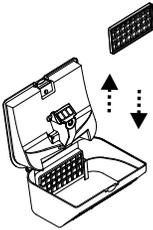


Fig.3

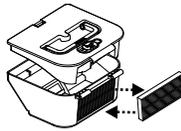


Fig.4



Fig.5



Attention

- 1. After rinsing, dry the dustbin, filter and HEPA before replacing them (with cool air from an electric hair dryer).
- 2. Please strictly follow the instructions when removing and installing the dustbin.

Installation of the 2in1 Smart Water Tank™/trailing bar/mop

1. Installation of the 2in1 Smart Water Tank™:

1. As shown in Fig.1, open the flexible plastic inlet, inject clear water, and replace the inlet lid.
2. As shown in Fig. 2, place the 2 in 1 dustbin & water tank into the cleaner, replace the cover and the unit is ready to mop.

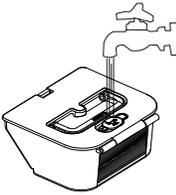


Fig.1

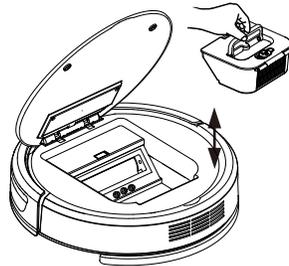


Fig.2

2. Installation of the trailing bar/ mop:

1. Install the mop onto the position where it is to be adhered.
2. As shown in Fig. 3, mount the trailing bar onto the unit by aligning it with holes.

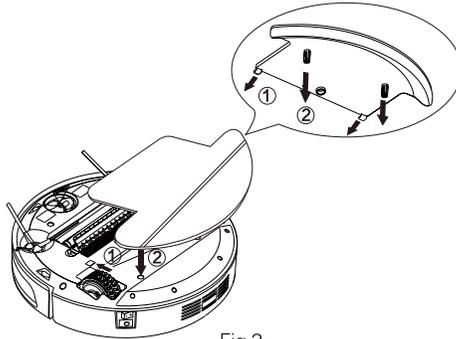


Fig.3



Attention

1. Before injecting water into the water tank, take the tank out rather than directly replenishing the water tank lest any water go into the unit and lead to short circuit.
2. When using the water tank, it is prohibited to turn over the unit, lest water get into the machine and cause damage.
3. After the water tank is refilled, clean it if there is water around the water tank.
4. The cleaner will make a voice prompt “inject water, please” if the water tank runs out of water (see page 8 for more).

Installation and removal of the ONE COVER ALL main brush assembly

1. Removal of the roller brush assembly:

1. As shown in Fig. 1, pick the U shaped clip each side of the sweeping bracket simultaneously with both index fingers to remove sweeping bracket.
2. As shown in Fig. 2, pull up the left end of the roller brush with a hand to take out .
3. As shown in Fig. 3, clean the hair off the brush, or wash it with water (do not replace it until it becomes dry after washing).

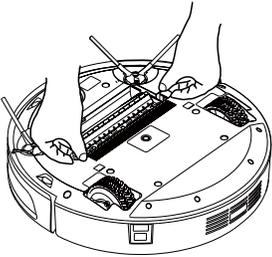


Fig.1

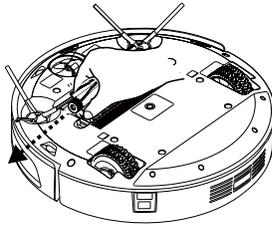


Fig.2

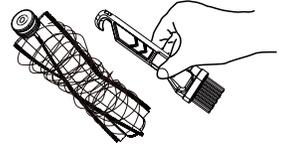


Fig.3

2. Installation of roller brush assembly

1. As shown in Fig. 1, an enlarged view of the upper right part, fit the right end of the assembly into the drive shaft of the cleaner and make sure the shaft of the ONE COVER ALL brush align with the drive shaft.
2. As shown in Fig. 2, an enlarged view of the upper right part, after installing the roller brush, make sure the brush left semicircular flexible plastic member is horizontally put in the slot.
3. As shown in Fig. 3, align the two snaps towards the two U-shaped recesses on the surface of the cleaner and press them down to fit.

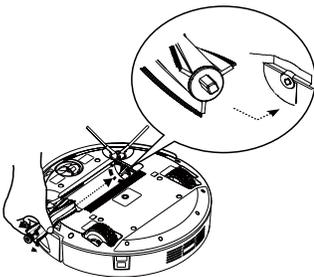


Fig.1

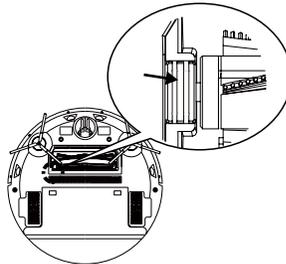


Fig.2

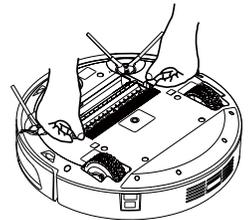


Fig.3

Common Failures and Troubleshooting



Attention

The cleaner will sound the alarm when it stops working or fails to start working in the following circumstances; users may follow the prompts to respond accordingly.

Failure Code	Cause	Failure Identification	Troubleshooting
E001	Failure of ground detection	The sensor head is blocked or the cleaner is stuck in stairs	Clean the cliff sensor ground detector or manually pick up the cleaner
E002	The suction inlet is blocked	The dust sensor head is covered with dust or the passage is blocked	Clean the foreign objects off the dust sensor head and the suction inlet
E003	The left and right wheels fail to work	The left and right drive wheels are entangled with wires	Clean the foreign objects on the left and right wheels to resume operation
E004	Failure of side brushes	The left or right side brushes are entangled with wires	Clean the foreign objects on the left or right side brushes to resume operation
E005	The left and right wheels are off the ground	The drive wheels are in the air	Place the cleaner back onto a flat ground to resume operation
E006	Failure of the roll brush	The roll brush is entangled with wires	Clean the foreign objects on the roll brush to resume operation
E007	Low battery	The cleaner won't work properly	Manually move the cleaner back to the docking station to charge
E008	The cleaner won't be recharged	The power switch of the cleaner is not turned on or the battery is not connected in place	Turn the power switch of the cleaner to ON or properly place the battery in place
E009	Wall detection failure	The sensor head for wall detection is blocked	Clean the transparent front collision member of the cleaner to resume operation
E010	Front bumper	The switch and the front bumper are blocked	Push heavily the front bumper, then check whether the front bumper bounces back
E011	Battery NTC	Check if the battery is properly installed	Unplug the battery terminals or replace the battery
E012	Low level of the water tank	Check whether there is water in the water tank	Take out the water tank and fill it with water



Remark

If failure persists after troubleshooting instructed above, please contact our after-sale service department.

Dimensions and Parameters

Technical specification for the cleaner

No.	Item	Index parameter	Remark
1	Rated voltage	DC 14.8V	
2	Rated power	30W	
3	Operating temperature range	-10°C ~45°C	
4	Input voltage/current	DC 24V/0.5A	
5	Infrared remote control	38KHZ	
6	Dimension	Φ350mmX87.5mm	
7	Weight	2.9KG	
8	Battery	Lithium-ion 3600 mAh	
9	2 in 1 dust bin and water tank	400ml-350ml	

Technical specification for the recharging bay

No.	Item	Index parameter	Remark
1	Dimension	L × W × H: 194X15X105 mm	
2	Input voltage/current	DC 24V/0.5A	
3	Operating temperature range	-10°C ~45°C	
4	Operating humidity range	≤ 85RH	

Technical specification for the remote controller

No.	Item	Index parameter	Remark
1	Dimension	L × W × H: 146X45X15 mm	
2	Battery	2 × AAA	
3	Remote control method	Infrared	
4	Emitting and receiving distance	≤ 5M	
5	Operating temperature range	-10°C ~45°C	
6	Operating humidity range	≤ 85RH	