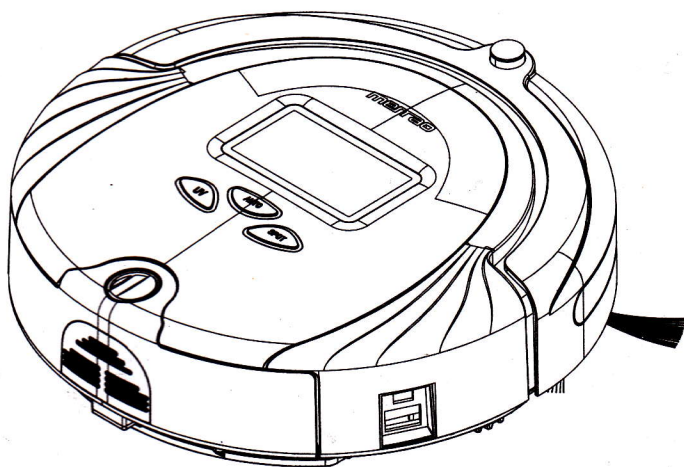


USER MANUAL

Intelligent Robot Vacuum Cleaner



Thank you for buying this product, and please read the user manual carefully before use.

Robot Vacuum Cleaner

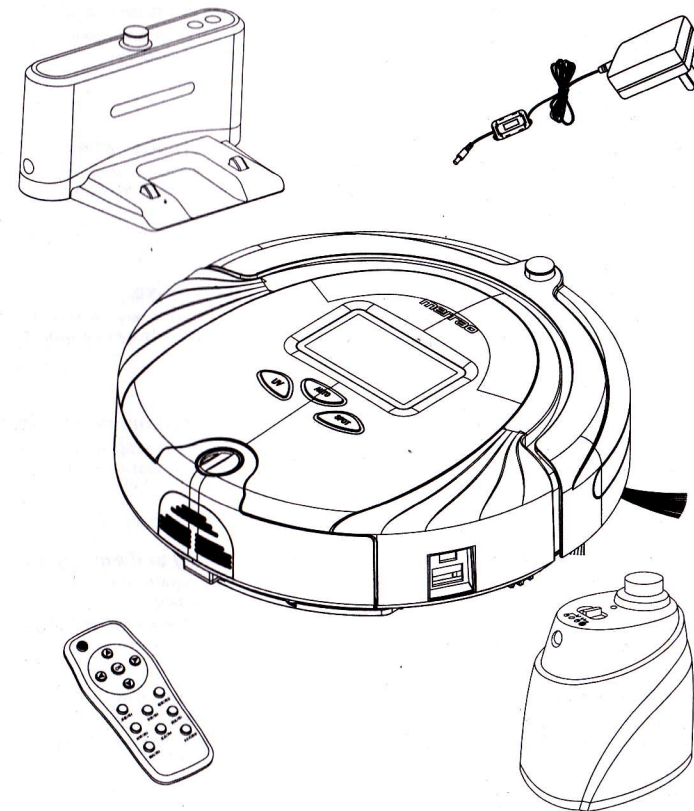
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Robot Vacuum Cleaner

Product Introduction

Thank you very much for using Intelligent Robot Vacuum Cleaner. Intelligent Robot Vacuum Cleaner is a high-tech intelligent and fully automatic vacuum cleaner. Your house can be cleaned easily and you can enjoy a comfortable, spotless home, even if you are not at home.



Robot Vacuum Cleaner

Function Introduction



Intelligent function:
Press the switch, it will clean the room automatically. The whole process of cleaning does not need human to control.



Navigation function:
Plan the clean lines automatically and clean tiny corner thoroughly.



Automatic charging:
When the battery is going to used up, the Robot Vacuum Cleaner will find the charging base to charge automatically.



Memory function:
After charging, it will continue to clean.



Automatic cleaning:
As long as you set the automatic cleaning function, Robot Vacuum Cleaner will continue its work immediately after charging.



Appointment cleaning:
It will work according to the appointment time.



Resistance and self-help:
If it runs into a barrier or stuck by object, it will start a self-help program automatically to get rid of obstacles.



Anti-drop function:
It can avoid dropping off from the table or stairs under normal circumstance.



Cyclonic brush:
Quadruple cyclonic brush, which owned the international patent has high efficiency.



Side sweeping brush:
The side brush is equipped in the right side of the fuselage, so that robot vacuum cleaner can clean the corners of the room conveniently.



Ultrathin fuselage:
It can drill down to the bottom of the bed and sofa to clean.



Soft rubber wheel:
The soft rubber wheel will not scratch the floor and even the carpet.



Low noise:
The noise is very low, which is much lower than the ordinary Vacuum Cleaner.



Environmental protection:
The filter is equipped, which can filter the dust and clean the air efficiently.



Safety and energy saving:
Voltage:14V
Power:24W
Run 2 hours a day, and the electricity is lower than 3 jiao.



Disinfection and sterilization:
The ultraviolet sterilization equipment can kill some bacteria on the ground.

Robot Vacuum Cleaner

Function Introduction

Interface Display	Menu Display
<p>1. Display of the appointment days of cleaning.</p> <p>2. Display of the wheel rotation speed.</p> <p>3. Display of the ultraviolet germicidal. (UV lamp display)</p> <p>4. Display of automatic cleaning.</p> <p>5. Display of fixed point cleaning.</p> <p>6. Display of current week.</p> <p>7. Display of fault maintenance.</p> <p>8. Display of charging and power.</p> <p>9. Display of time and fault code.</p>	<p>Touch-key: 1. UV Ultraviolet germicidal button (UV lamp button)</p> <p>2. AUTO Automatic cleaning button</p> <p>3. SPOT Fixed spot cleaning button</p>

Function Information of Menu Display

- Be sure that the Robot Vacuum Cleaner battery is installed correctly and has enough power. Switch on, the buzzer beeps once and the interface displays the following information at the same time.
 - Week** Displaying the current week automatically according to the date.
 - SETUP** Fault display. At the same time, the icon of time shows the fault code, which is expressed by E001...E005.
 - BATTERY** Power display. The full three grids electricity means the sufficient power, whereas the power reduces.
 - CHARGING** Charging display. The flashing icon means the battery is not full charged, otherwise is full charged.
 - BB:BB** Displaying the appointment time, the current time and the fault code.
 - B** The wheel rotation speed. It is slow at the running speed of 1, and fast at 2.
 - UV** UV lamp is lighting means the ultraviolet germicidal is work, otherwise it is not work.
 - AUTO** Spot mode.
 - SPOT** Auto mode.
- The following displayed functions can only be set and selected by the remote control:
- MON TUE WED THU FRI SAT SUN F-GO** Displaying the appointment days and the cleaning mode of each week.
 - BB:BB** Displaying the current and appointment time.
 - B** Displaying the wheel rotation adjusted.
 - Week** Displaying the current week.

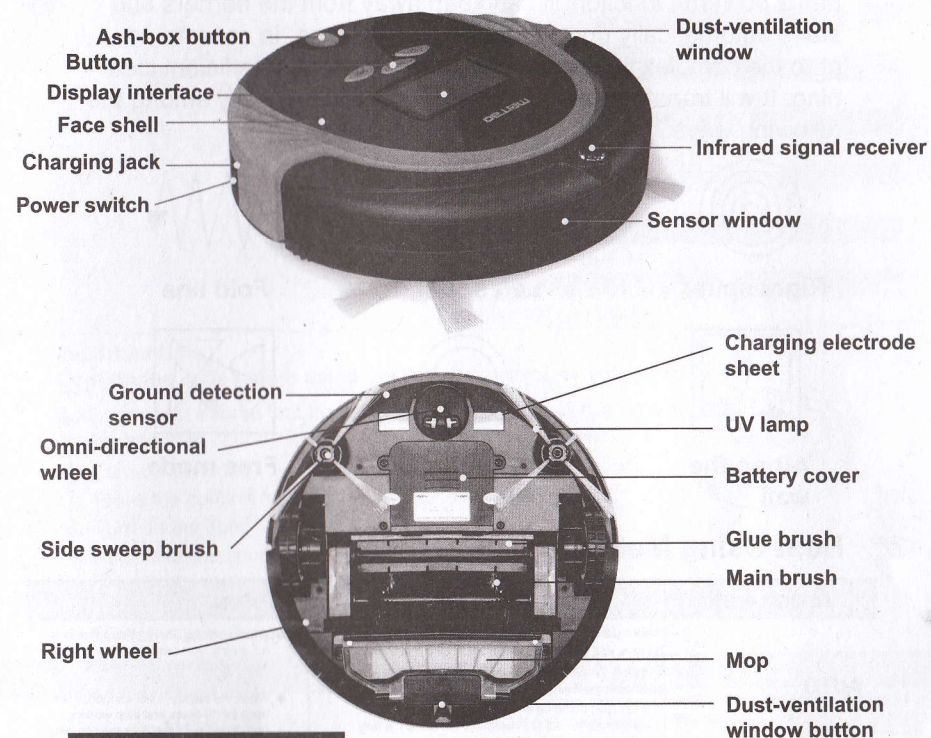
Robot Vacuum Cleaner

Product Parameter

No.	Item	Index parameter
1	Voltage	== 14.4V
2	Power	24W
3	Noise	< 55db
4	Diameter	33cm
5	Height	9.1cm
6	Battery capacity	2200mAh
7	Battery life	800 times
8	Once running time	110-140min
9	Remote control range	<30m
10	Initial charging time	8h
11	Normal charging time	4-5h
12	Ash-box capacity	500ml

Robot Vacuum Cleaner

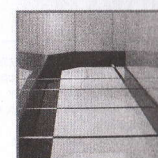
Structure Introduction



Using Method

Scope of Application

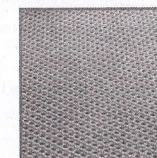
Ceramic tile ground, wood floor, oilcloth, short-haired carpet (carpet hair is shorter than 1.5cm):



Ceramic tile ground



Wood floor



Oilcloth



Short-haired carpet

Robot Vacuum Cleaner

Using Method

Cleaning Route Diagram

Robot Vacuum Cleaner uses intelligent controlling system and has a powerful function. It can keep away from the barriers and stairs automatically under normal circumstance. In order to adapt to the complex working situation and make high efficient cleaning, It will transform the running modes automatically among the following ways.



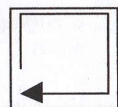
Right spiral



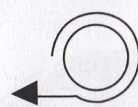
Left spiral



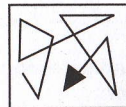
Fold line



Along the wall



Surround the column



Free mode

Host Using Method

Touch-key	Function	Notes
AUTO	Before using Robot Vacuum Cleaner, tidy up the small barriers and winding materials especially power line ; Pressing the AUTO key, Robot Vacuum Cleaner will begin to clean automatically, until the power is not enough. But it will find the recharging base to charge automatically; It will operate for 90-120 minutes if the battery is fully charged; Pressing the AUTO key again, it will stop cleaning.	<ul style="list-style-type: none"> When cleaning, the system defaults to run slowly, you can make it run fast or slow through the remote control. When the battery is not enough, it will beep for 10 times and stop working. And then it will search for the charging base to charge automatically.
SPOT	Pressing the SPOT key, the Robot Vacuum Cleaner will begin to do fixed-spot cleaning within the range of 1square meter and cleans for about 2-3minutes spirally. Pressing the SPOT key again, it will stop working.	<ul style="list-style-type: none"> Running fastly or slowly will influence the operation time, but will not influence the normal clean.
Germicidal (UV Lamp)	Press this key to turn on or turn off the UV lamp.	<ul style="list-style-type: none"> When the Robot Vacuum Cleaner operates, then press UV to lighten the icon, and then, the UV lamp starts to work. If you don't want to use UV lamp, press UV to turn off the icon. When Robot Vacuum Cleaner stops running, UV lamp will turn off automatically.

Robot Vacuum Cleaner

Using Method and Function Introduction

Overall Appearance	Description of Keys	
	1	AUTO/FRI Automatic cleaning key/Friday
	2	SPOT/SAT Fixed-point cleaning key/Saturday
	3	TIME/WED Time setting key/Wednesday
	4	CLOCK/TUE Automatic cleaning key/Friday
	5	UV/THU Ultraviolet germicidal key/Thursday
	6	DOCK/MON Automatic recharge key/Monday
	7	SPEED/SUN Speed selection key/Sunday
	8	Power key
	9	D MODE When the battery is full, it will work automatically
	10	OK Confirm key
	11	Forward key
	12	Backward key
	13	Left key
	14	Right key
Fourteen keys in total		

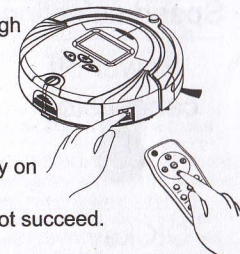
Important Note

Confirm the code before using the remote control, or you cannot use it!

Code process: Ensure that the host and remote control have enough power, and then operate it according to the following steps:

1. Turn off the host;
2. Press the confirm key for at least four seconds;
3. Turn on the host;
4. After hear the sound "beep" for twice, releasing the confirm key on the remote control. Then it is completed.

Note: If you haven't heard "beep" for twice, it means you are not succeed. Please repeat the procedures above.



Function Guidance	Function Information
AUTO	Pressing the AUTO key, Robot Vacuum Cleaner will do cleaning in automatic condition. The operation speed is based on the setting speed. Pressing the key again, it will stop working.
SPOT	Pressing the SPOT key, Robot Vacuum Cleaner will do cleaning in fixed-point condition. The operation speed is based on the setting speed. Pressing the key again, it will stop working.
WEEK AND TIME SETTING	<p>Week and time setting:</p> <ol style="list-style-type: none"> 1 Turn on the switch of the host. 2 Pressing time setting key on the remote control, the icon will be flashing. 3 Pressing the key among "MON, TUES, WED, THU, FRI, SAT and SUN" to set the week you need. While 1 in represents Sunday, 2 represents Monday...7 represents Saturday. 4 After setting the week, press the left and right key to the time setting. And this icon is flashing. 5 Pressing the forward and backward key to set the hour you need. 6 After the hour setting, press the left and right key to the minute setting. The icon is flashing. 7 Pressing the forward and backward to set the minute: you need. 8 After the whole setting, press the OK key to save the setting and exit the time setting interface.

Robot Vacuum Cleaner

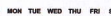

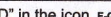








Using Method and Function Introduction

Appointment cleaning

MON TUE WED THU FRI SAT SUN F-GO

88:88

Making an appointment for the automatic cleaning time:

- 1 Turn it on.
- 2 Press the KLOCK/TUE key, and the icon  will be flashing.
- 3 If you want to appoint any day or everyday in the week to do automatic cleaning, press any key from Sunday to Saturday directly on the remote control. While 1 in the icon represents Monday, 2 represent Tuesday, and so on.  MON TUE WED THU FRI SAT SUN F-GO
- 4 If you want to appoint interval or consecutive automatic cleaning date, press any key of SUN, SAT, FRI, THU, WED, TUE, MON on the remote control as you need. The settled dates will flash.
- 5 Press "D-MODE" on the remote control, "D" in the icon  will be flashing. When the battery is full or the time is to the appointment time, it will work automatically.
- 6 In the setting of time, you can choose and cancel the appointment time by pressing the keys of SUN, SAT, FRI, THU, WED, TUE, MON, D-MODE repeatedly.
- 7 After setting the date, press the left  and right  keys to the appointment hour and minute setting.
- 8 Press the forward  and backward  keys to set the appointment hour 88: you need.
- 9 After setting the hour, press the left  and right  keys to the appointment :88 minute setting.
- 10 Press the forward  and backward  keys to set the appointment hour :88 you need.
- 11 After the whole setting, press the OK key on the remote control to save the setting and exit the time setting interface.

Speed selecting

Power off cancel/stop



Press this key repeatedly, you can choose the fast first-gear and slow second-gear. It will be saved automatically after your choosing.

- 1 Power on the host. And pressing this key when the interface display is normal it can make the Vacuum Cleaner work and stop.
- 2 Pressing this key can make it stop cleaning when Robot Vacuum Cleaner is working in any operation mode.
- 3 When setting the appointment, week, and time, if you make some mistakes or you want to stop setting, press this key to delete it and return to the original setting state.
- 4 Pressing the key for at least 5 seconds can delete all the settings and memories and come back to the original state.

OK key

- 1 After setting the appointment time, the confirm key must be pressed to save the setting.
- 2 After setting the appointment time, you must press the confirm key to save the setting and exit the setting interface.

UV key

When the host is in standby or in working, the UV lamp can be turned on or off by pressing this key. And the setting is automatically remembered.

DOCK key

Press this key when the host is in standby or in working, and the Vacuum Cleaner will search for the recharging base to charge automatically. Pressing this key again it will stop recharging.

▲ Forward key

Pressing the forward key can make Vacuum Cleaner run and clean forward. Pressing the power-off key. It will stop automatically when it runs into obstructions.

▼ Backward key

Long pressing the left key can make Vacuum Cleaner run and clean backward. It will stop going back after the release of the key.

◀ Left key

Long pressing the left key makes it run in anticlockwise in-situ running. Release this key at this time, and it will run according to your desired direction. Pressing the power-off key makes stop cleaning. It will stop automatically when it runs into obstructions.

▶ Right key

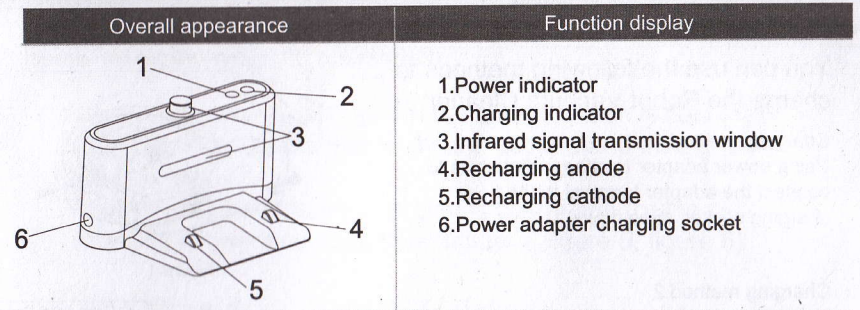
Long pressing the right key makes Vacuum Cleaner be in clockwise in-situ running. Release this key at this time, and it will run according to your desired direction. Pressing the power-off key makes stop cleaning. It will stop automatically when it runs into obstructions.

Warm tips:

1. When using the remote control, be sure within the range of 30m under wireless signal, or it will not work.
2. When you press the automatic recharge, it won't be succeed in searching the recharging base because of the complex obstructions and the using up of the battery.

Robot Vacuum Cleaner

Charging Base Display and Control Panel



Using Method and Function Condition of Charging Base

No.	Function guidance	Function information
1	Power indicator	Plug the power into the charge base, and the power indicator is on, otherwise is off.
2	Charging indicator	The indicator is flashing when the charging base is connected to the host for charging.
3	Signal transmission	Transmitting signal is the only path to guide the host to return to charging base. Therefore, keeping the signal transmission clean permanently and avoiding any articles to ensure the signal transmit efficiently.
4-5	Recharging base anode and cathode	Connect this electrode with the host electrode for charging. It cannot be covered with any shelter, or it will affect the charge.
6	Power adapter charging socket	Connection jack of the output of DC24V of power adapter. During charging, the charging base is the transfer station of the host and the power adapter. So when using charging base, it must be close to the edge of the wall. At the same time, power adapter connecting line should be far away from the charging base, and not put on the neither side of the charging base, so as to avoid crashing and entangling when Vacuum Cleaner is running.

Installation and Charging of Charging Base

Installation of charging base

1. Charging base should be installed securely on the flat ground and let its back against the wall firmly, which is perpendicular to the ground.
 2. No obstructions or sunken areas within the range of 3m in front of charging base and 0.5m in both sides. (See figure 1).
 3. If the infrared signal transmission on the charging base is covered, the vacuum cleaner will fail to search the charging base.
 4. Connect the output terminals of power adapter with the charging socket of charging base. (See figure 2).
 5. Reorganize the power cord of charging base, as shown in Figure 2.
- Don't put the cord on the ground, or it will impede the process of the Vacuum Cleaner recharging.

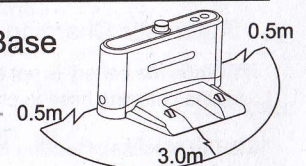


Figure 1



Figure 2

Robot Vacuum Cleaner

Charging Method

Artificial charge

You can use the following methods to charge the Robot Vacuum Cleaner:

Charging method 1

Using power adapter to charge directly is to connect the adapter terminal to the host charging socket. (See figure 1).

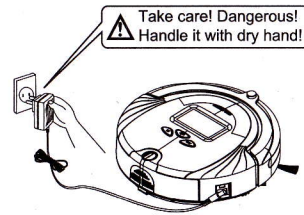


Figure 1

Charging method 2

Using charging base to charge.

Firstly, connect the power adapter to the charging base correctly.

And then, make the Vacuum Cleaner sit on the charging base and ensure the electrode of the host is connected to the charging base correctly. (See figure 2).

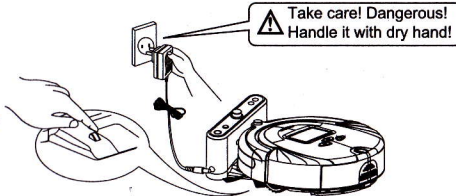


Figure 2

Charging method 3

Pressing the DOCK key on the remote control can make the Robot Vacuum Cleaner search for the charging base to charge within the valid range automatically. (See figure 2).

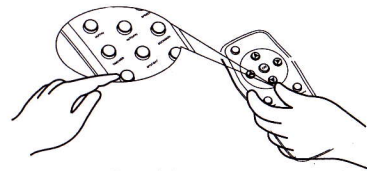


Figure 3

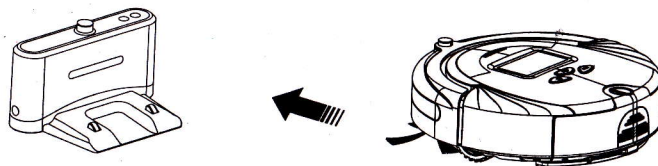
Note: If you press any key on the remote control or on the panel during the searching process, robot vacuum cleaner will stop searching charging base immediately.

Automatic Charging

1. When the battery is not enough during the cleaning, the vacuum cleaner will searching for the charging base to charge automatically.

2. The process of looking for recharging base by vacuum cleaner may be failed because of the obstructions, too complex conditions, or the battery of the host has run out. Therefore, the installation place of charging base should be as spacious as possible.

3. After cleaning, the battery temperature will be high that if you charge it at once, the charging time will be prolong.



Robot Vacuum Cleaner

Charging Method

Charging diagram description

When charging, the first grid in the charging icon is flashing. With the increasing of electricity, the second and third grid are flashing.

Flashing stopped means charging is completed (or the charging is disconnected). (See figure 4, figure 5, figure 6)

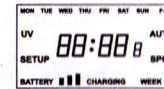


Figure 4

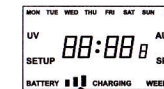


Figure 5



Figure 6

Function Introduction of Space Isolator










Space isolator, an accessory of the cleaner, can block area by sending special infrared signal so as to prevent the cleaner from entering some unnecessary areas.

Space Isolator Display and Control Panel

Overall Appearance	Information Introduction
	1. Toggle switch <ul style="list-style-type: none"> a. turn off b. low gear c. middle gear d. high gear
	2. Virtual wall transmitting signal head 3. Near-infrared transmitting head 2. Power indicator

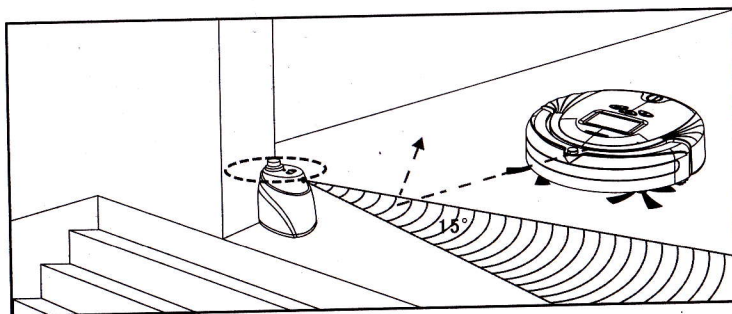
Robot Vacuum Cleaner

Using Method and Function Status of Space Isolator

No.	Name	Function Information
1	Toggle switch a Turn off b Low c Middle d High	<p>You can transform the functions by sliding this switch  repetitively: turn off, low, middle, high.</p> <p>You can transform the functions by sliding this switch  repetitively: turn off, low, middle, high.</p> <p>Slide the switch  to the position, then the power is on. And then you can select the distance within 2m as required by virtual wall.</p> <p>Slide the switch  to the position, then the power is on. And then you can select the distance within 5m as required by virtual wall. e position, then the power is on. And then you can select the distance within 2m as required by virtual wall.</p> <p>Slide the switch  to the position, then the power is on. And then you can select the distance within 7m as required by virtual wall.</p>
2	Virtual wall transmitting signal head	Transmitting infrared signal to form the virtual wall.
3	Near-infrared transmitting head	Transmitting infrared signal to make the vacuum cleaner run outside the space isolator scope of 50cm without any impact to it.
4	Power indicator	When slide the toggle switch  to  low,  middle,  high, the Robot Vacuum Cleaner works normally and the LED will flash every 8 seconds until the power is not enough.

Installation Method of Space Isolator

1. Open the battery cover before using to place two D size batteries into the box correctly. Pay attention to the polarity, or the space isolator will not work.
2. The battery consumption duration is related to the selected transmitting distance and working duration, please select proper transmitting distance and low transmitting power to save the battery, so do not forget to turn off the toggle switch while unused.
3. The space isolator is placed at the entrance to the stair, room and any other needed areas generally.
4. The space isolator should be placed at the same level of the ground where the cleaner is running. And try your best to remove obstacles from the blocked area to ensure the effect.
5. There will be some differences in the transmitting distance of space isolator in actual use due to the complex environment, movement of vacuum cleaner and battery power.
6. The distance between space isolator and charging base should be more than 0.5m, or there will be interferential.
7. Don't make the infrared transmitting head towards people's eyes.



Robot Vacuum Cleaner

Notes on Using

Except the specific maintenance technicians in our company, nobody can unload, maintain and remold this product. Or it may cause fire, electric shock and personal injury.

- Do not touch power adapter with wet hands, or it may cause electric shock.
- Do not let the clothes or any parts of your physical harm (hair, fingers, etc) involve into the brush or wheel of Robot Vacuum Cleaner. Or it may cause bodily harm.
- Limited to use the power adapter which is equipped with the machine. Do not use other power adapters, or it may cause product damage, and fire which is caused by the shock or high voltage.
- Do not bend the power cord excessively or place heavy objects on the power cord. Otherwise, the power cord may be damaged and cause a fire and electric shock.
- Do not approach the heat sources such as cigarettes, lighters and matches or close to flammable materials (for example, the use of gasoline to clean the product)
- When transporting or storing Robot Vacuum Cleaner for a long time, you should turn off the power. Otherwise, battery may be damaged.
- Plug the power cord of power adapter tightly, or it may cause electric shock, short circuit, smoking or fire.
- Before using, remove all the vulnerable object (luminous objects, fabrics, glasses, etc). Otherwise they may be damaged, or it may affect the use of Robot Vacuum Cleaner.
- Check whether the power adapter is connected to the outlet reliably, otherwise it may result in no charging or fire.
- In order to avoid children being frightened or hurt, please use Robot Vacuum Cleaner cautiously when children are present.
- Do not stand or sit on the Robot Vacuum Cleaner, so as not to cause damage to the machine or even yourself.
- Do not use Robot Vacuum Cleaner in narrow space (small tables, chairs), so as not to cause damage to it.
- Do not use Robot Vacuum Cleaner in places of business, or it may result in damage because of excessive use.
- Attention: Donnot let Robot Vacuum Cleaner inhale water and other liquids, so as not to cause damage.
- Avoid outdoor using, or it may cause damage to Robot Vacuum Cleaner.
- There are no movable wires which are longer than 150mm on the ground. In order to avoid entangling the hair brush.
- This product is not properly for the people with disabilities (the person of physical, perceived defects), children or the people who are not familiar with product usage manual.
- Appointment cleaning function and automatic cleaning function will charge and work only when using charging base to charge automatically. If you use the power adapter to charge directly, these two functions cannot be achieved.
- In order to ensure that Robot Vacuum Cleaner can charge automatically normally, please often wipe the charging contact head on the front shell of the machine and contact chips on the charging base with a dry cloth.
- Charging base should be installed in the space, which should be as wide as possible. There is no obstructions within 3 meters in front of charging base, or it will block the Robot Vacuum Cleaner to recharge.
- Must use the matching charging base, and power supply must conform to the requirement of charging base. Do not use any other charging base or battery, so as to avoid causing damage to the Vacuum Cleaner.
- In order to extend the battery life, the first charging time should be 8-9hours, it's the same when you use it again after not using for a long time. After the full charge-discharge cycles for 2-3 times, the battery will achieve the best results.
- If the Robot Vacuum Cleaner is not used for a long time, please make the battery full-charged and put it in the cool place. And then you should keep the Cleaner dry.

Robot Vacuum Cleaner

Notes on Using

1. All places where Robot Vacuum Cleaner would possibly go through cannot have filamentous articles, wires, towels and so on, to prevent being inhaled by the cleaner and entangled in brush.
2. Please don't let the Robot Vacuum Cleaner run on extremely smooth surface, or the surface with large fillet and bevel angle. Otherwise, it may be stuck or even fall down to cause damage. Please use space isolator or special supervision, if there are something of the kind of steps at home.
3. Don't make the Vacuum Cleaner run on the long-hair carpet, or the long-hair will be involved in it.
4. The light and small objects, such as flower vases, small cartons, should be removed because these objects may be hit by the vacuum cleaner when it is running.
5. Don't make the infrared transmitting head towards people's eyes, when you are using the remote control and space isolator.

Cleaning and Maintenance

Loading and Unloading of the Ash Box

• Unloading the Ash Box

Press the key on the ash box, and pull out the ash box backward.
(See figure 1, figure 2).

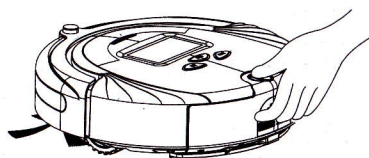


Figure 1

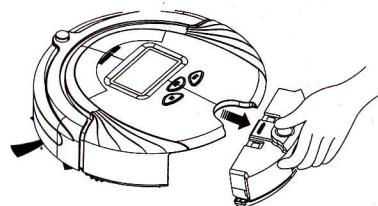


Figure 2

• Loading the Ash Box

Push the ash box into the host from the exit with the button upward.
(See figure 3, figure 4).

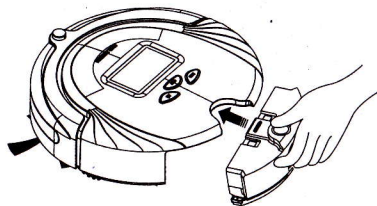


Figure 3

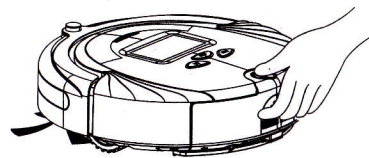


Figure 4

Robot Vacuum Cleaner

Cleaning and Maintenance

The Unloading of the Mop



Important Note: The mop in the above figures is not suitable for carpet or uneven ground.

Cleaning of the Ash Box

1. Take out dust box, and put the rubbish into the trash bin.

2. Clean the dust in the ash box with brush or cloth.

3. If you want to use the water to rinse the box, take the fan motor out firstly.

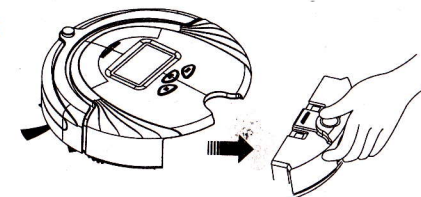


Figure 1

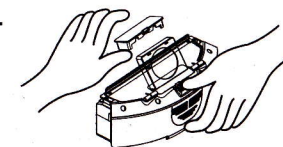


Figure 2

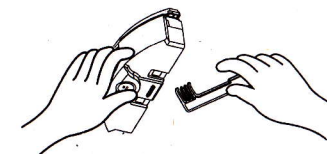


Figure 3

Robot Vacuum Cleaner

Cleaning and Maintenance

• Loading and Unloading of the Middle Brush and Glue Brush

1. Push forward the lock lever with your right hand thumb, and then lift the plate cover, squeeze the stem of middle sweep brush by left hand and move it up. (See figure 1 and figure 2)
2. Remove the middle sweep brush and glue brush. (See figure 3)
3. When you install it, aim middle sweep brush and glue brush at the mounting hole, and then close the plate cover.

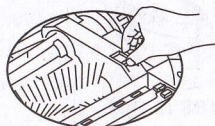


Figure 1

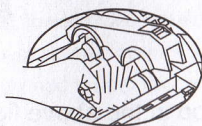


Figure 2

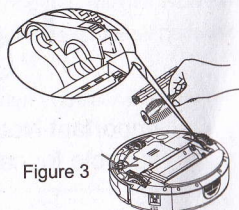
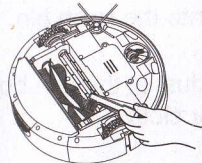
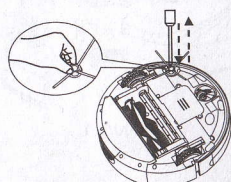


Figure 3

• Loading and Unloading of Side Sweep Brush

1. Firstly, remove the screw on the spindle of side sweep brush of the host.
2. Secondly, press side sweep brush into its spindle, and then lock screw again. (See the following figures)

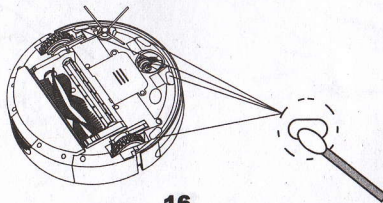


• Cleaning of Hair Brush and Glue Brush

1. Clear the hairs and large dust particles on the hair brush and glue brush periodically, and clean the entrance dust, and paper scraps and small particles by cleaning brush directly.
As to be involved hair, yarn and other objects, you should turn the brush carefully to pull them out with your hands, or use scissors to break them. To really achieve the high cleaning efficiency.
2. You can clean it according to the loading, unloading and cleaning of hair brush and glue brush.

• Cleaning of the Ground Sensor Window

1. Use the swab or soft cloth to clear the ground sensor window.
2. In order to make the Vacuum Cleaner work more sensitively, please keep the window clear.



Robot Vacuum Cleaner

Cleaning and Maintenance

Battery Replacement of the Host

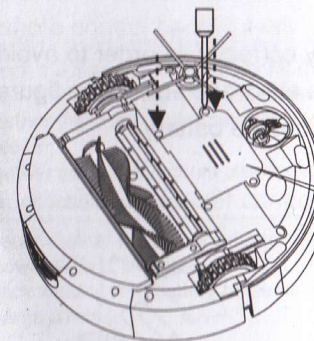


Figure 1

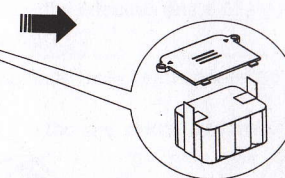


Figure 2

1. Loosen the screws with the screw drive and open the battery installation plate to take out the battery. (See figure 1 and figure 2)
2. Installing the battery correctly can prevent the damage because of the wrong installation of anode and cathode.
3. In order to extend the life of the battery in the case of no using for a long time, please charge the battery fully. When it is used again, charge it for 8 hours to achieve the best battery use.
4. Replace the battery with the original one, or it may cause accident and damage.
5. The warranty period is 1 year.

Robot Vacuum Cleaner

Cleaning and Maintenance

Battery Replacement of the Remote Control

1. Open the battery cover with your finger, and then replace the battery. (See figure 1)
2. Install the anode and cathode of the battery correctly, in order to avoid the damage of the remote control because of the electrode error. (See figure 3)
3. If it is not used for a long time, please take out the battery.

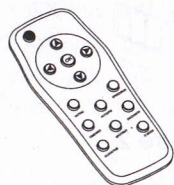


Figure 1

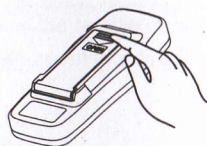


Figure 2

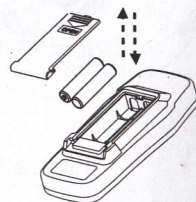


Figure 3

1. The battery must be recycled with safe disposal. Do not discard or throw it into the fire arbitrarily to prevent the explosion.
2. Do not exert external force to the battery or make it fall from the high position.
3. Check the battery of remote control regularly. If the leakage occurs, you should wipe it with a dry cloth immediately. Or the electrode piece will be corroded and oxidated, thereby, it will influence the effect of remote control.



Robot Vacuum Cleaner

Common Faults and Solutions

Robot vacuum cleaner cannot work or work weakly

1. Check whether the switch of the host is turn on;
2. Check whether the ash box, filter net, intake, etc, are cleaned;
3. Whether the battery voltage declines seriously.

Remote control cannot work

1. Check the sate of the remote control battery;
2. Check the sate of the Vacuum Cleaner battery;
3. Whether the code conformation of remote control and Robot Vacuum Cleaner has been carried on;
4. Whether the robot vacuum cleaner is using within the effective range of signal emission.

Robot vacuum cleaner cannot be charging

1. Check whether the power adapter and charging base have been connected correctly and the power LED is lit or not;
2. Check whether the battery power is too low, if it is too low, please use the power adapter to charge directly.

When cleaning, the noise increases lowly

1. Clear up the ash box and filter net;
2. Check whether the rush and side sweep brush is too dirty.

Robot vacuum cleaner stops work suddenly with the continuous beep.

1. Check whether the cleaning of the setted time has been finished;
2. Check whether there have been fault code on the LCD display interface.

The Fault Information Maybe Occur in the Use

Fault codes	Reasons	Solutions
E001	Cliff-detection system fault	Clear the dust or other obstacles on the ground sensor
E016	Middle brush system fault	Check whether the sundries, wires and hair entangle the main brush. And clean them up.
E018	Very low battery	Please use it after fully charged with the adapter.
E027	The left and right wheel fault	Please check the left and right wheels and clean them up.
E033	The ash box is not installed or has poor contact	Check the ash box, and install it again.

Robot Vacuum Cleaner

Answers to Common Problems

1.How to deal with the consecutively backward action of the Robot Vacuum Cleaner during the cleaning?

Answer:

- 1).Move the front shell of the Robot Vacuum Cleaner lightly with your hands, making the front shell move flexibly;
- 2).The ambient light may be too strong. You should make the cleaner avoid direct exposing to sunlight;
- 3).Please avoid using it on the black carpet, which may result in the cleaner running back.

2.How to deal with the Robot Vacuum Cleaner falling off from the stairs?

Answer:

Clearing up the ground sensor with a dry cloth can avoid this accident.

3.How to deal with the failure of the Robot Vacuum Cleaner to search the charging base?

Answer:

- 1).Wipe the robot vacuum cleaner and the charging electrodes of the charging base regularly with a dry cloth to keep them clean;
- 2).Maintain no obstructions within 3m of radius in front of the charging base;
- 3).Use the remote control to make the Robot Cleaner find the charging base.

4.How to deal with the increasing noise suddenly?

Answer:

- 1).Check whether there are sundries in the bottom of the host;
- 2).Deliver it to the maintenance station for maintenance, adding lubricant.

5.How to deal with? The Robot Vacuum Vleaner cannot charge automatically, after storing the Robot Vacuum Cleaner for a long-term.

Answer:

Use power adapter for artificial recharge.

6.How to deal with? If the Robot Vacuum Cleaner stops working with no fault code.

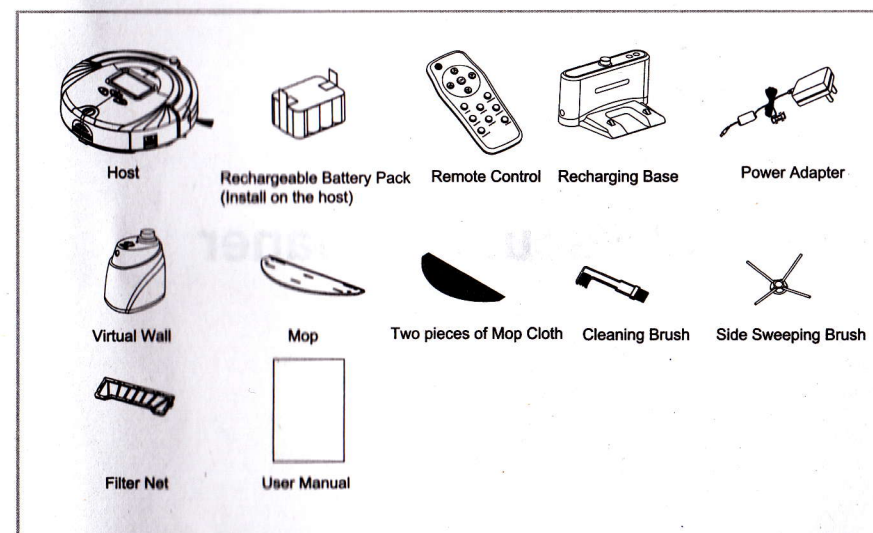
Answer:

Please contact the after-sales service maintenance point, donnot unload it to repair by yourself.

Robot Vacuum Cleaner

Packing List

Host	1	Rechargeable Battery Pack	1
Power Adapter	1	Virtual Wall	1
Recharging Base	1	Cleaning Brush	1
Remote Control	1	Side Sweeping Brush	4
User Manual	1	Mop	1
Warranty Card		Mop Cloth	2
Certificate		Filter Net	2



Please contact the after-sales service maintenance center or the professionals to repair it, and do not unload it to repair by yourself. Otherwise it is risk-prone.

Note: None informed of any change of our product design.