

CLEANING ROBOT

M5
USER



Multi-functional Vacuum cleaner
Enjoy Life

 100% recycled paper



Thank you for choosing A335
Please read carefully this manual before using







TABLE OF CONTENTS

| | |
|--|----|
| SAFETY PRECAUTIONS | 01 |
| PRODUCT FEATURES | 02 |
| PRODUCT PARTS | 03 |
| Main body and accessories | 03 |
| Robot structures | 04 |
| LCD directive sign | 05 |
| Remote control | 06 |
| Name of each part (Docking station & Virtual wall) | 07 |
| PRODUCT OPERATION | 08 |
| Battery storage and charging | 08 |
| Starting up | 09 |
| Scheduling | 10 |
| Cleaning mode | 11 |
| Virtual wall use | 11 |
| PRODUCT MAINTENANCE | 12 |
| Cleaning of side brush | 12 |
| Cleaning of mid-brush and rubber brush | 12 |
| Cleaning of the wheel | 13 |
| Cleaning of dustbin and filters | 14 |
| Cleaning of sensors | 15 |
| TROUBLESHOOTING | 16 |
| Replaceable modules | 16 |
| Battery removal | 17 |
| Error code sheet | 18 |
| TECHNICAL SPECIFICATIONS | 19 |
| FUNCTIONS OF ROBOT IN BRIEF | 20 |













SAFETY PRECAUTIONS

- * Please read this USER MANUAL carefully before operation and follow all guidelines before using this cleaning robot.
- * Please keep this Manual for future reference.

CAUTION

| | |
|---|--|
| No one else can disassemble, maintain or transform the product except the maintenance technicians designated by our company, or it may cause fire, electric shock or personal injury.  | Don't use another charger except for the one that comes with the cleaner, or it may cause damage to the product, electric shock or fire due to high voltage.  |
| Don't touch high-voltage power cord of the electric appliance with wet hands, or it may cause electric shock.  | Don't vigorously bend the power cord or place weight on it, or it may cause damage to the power cord, fire or electric shock.  |
| Don't twist your clothes or any part of your body into the brush or wheel of the cleaner, or it may cause personal injury.  | Don't vacuum up cigarettes, lighters, matches or any other heat objects or combustible materials such as petrol or gasoline.  |

ATTENTION

| | |
|--|---|
| Check whether the charger and socket is connected well, or it may cause charging failure or even fire.  | Insert the power cord of the charger well or it may cause electric shock, short circuit, smoking or fire.  |
| Please use the cleaner cautiously in the presence of children to avoid frightening or harming them.  | Don't forget to turn off the power while transporting or storing the cleaner for long, or the battery may be damaged.  |
| Don't allow the cleaner to suck up water or other liquids, or it may cause product damage.  | Don't stand or sit on the cleaner, or it may cause damage to the cleaner or personal injury.  |
| Don't use the cleaner outdoors, or it may cause product damage.  | Don't use the cleaner on small tables and chairs or other small spaces, otherwise the cleaner may become damaged.  |
| Don't leave movable thread, wire and other objects longer than 150mm on the ground or the brush may become entangled.  | Don't use the cleaner in commercial places, or the cleaner may become damaged by excessive use.  |
| Remove all easily damaged objects(including luminous objects, fabrics, glass bottles, etc) before using, or it may cause damage to these objects or affect the using of the cleaner.  | |
| This appliance is not intended for use by persons(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.  | |

PRODUCT FEATURES

Applicability

The product, mainly applicable to home, hotel rooms and small offices, is good for cleaning various short-haired carpet, wood floor, hard floor, ceramic tile, etc.

Cleaning function

Cleaning robot has good clean ability with the design of triple cleaning. They are dual brush cleaning, vacuum cleaning and mopping up. All dust on the floor can be removed effectively with the help of A335.

Considerate designs

Sensitive control and the working area control:

1. With the wireless remote control: control the robot within 10m to clean the specified area.
2. Virtual Wall is with two way launch, you can control the cleaner work in the given area effectively.

Various intelligent cleaning modes

Five cleaning modes are provided to meet your needs.

1. Auto

Press Auto key, It will clean by zigzag, spiral, follow the wall modes automatically and adjust its cleaning according to the floor situation.

2. Spot

The robot will turn into the spiral cleaning mode (partial cleaning), and will last about 2-3mins (without manual control)

3. Edge cleaning

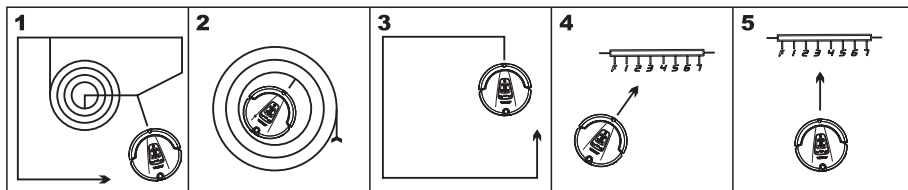
When the robot detects obstacles (for example wall, table, chair etc.) it will start cleaning follow the obstacles mode with side brush.

4. Full go mode

The cleaner will start cleaning automatically when the battery is charged (3-4h charging).

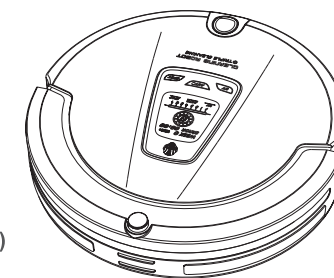
5. Scheduling mode

When certain time is scheduled, the robot will leave the charging docking station in the scheduled time.

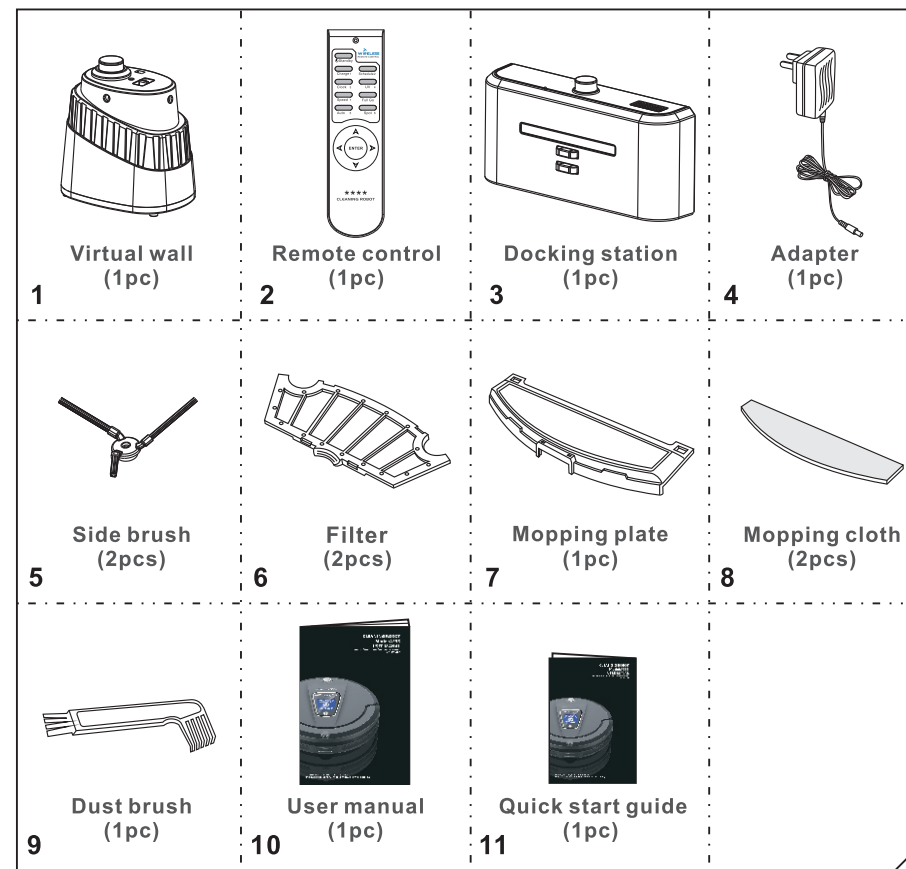


PRODUCT PARTS

Main body and accessories

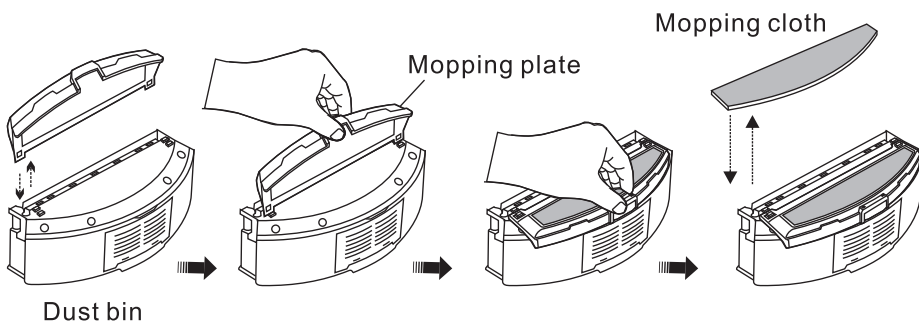
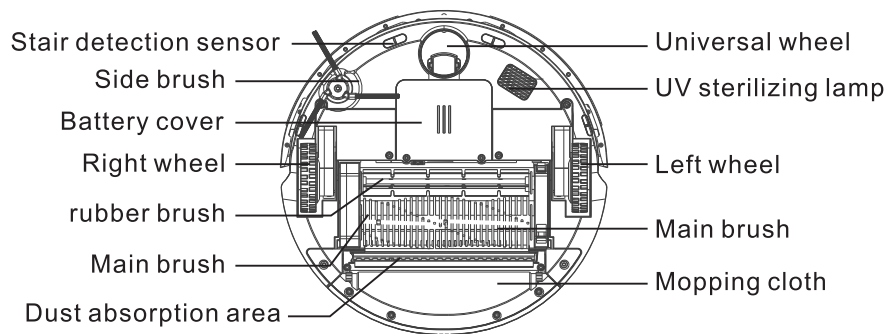
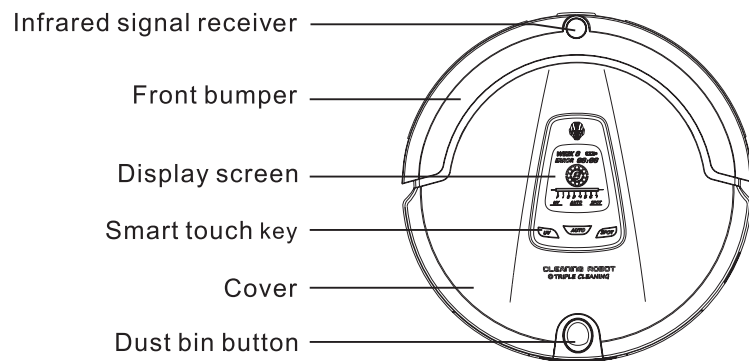


Main body (1pc)



PRODUCT PARTS

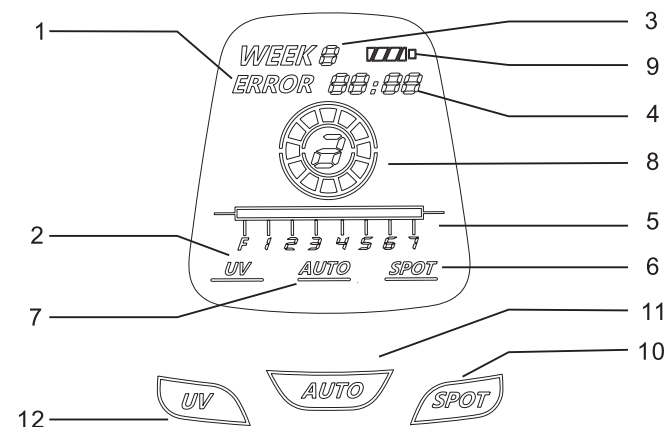
Robot structure



Note: The mopping plate (cloth) is only used for the hard floor.

PRODUCT PARTS

LCD directive sign

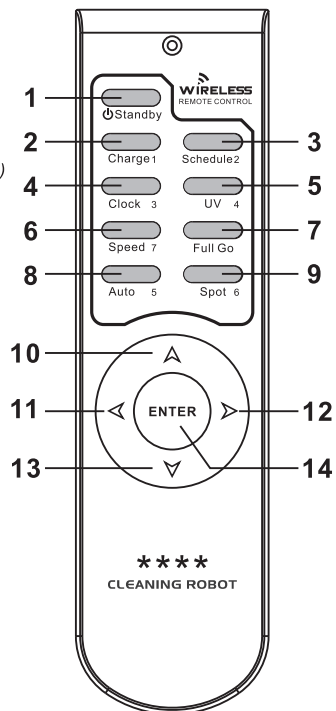


1. ERROR displays in case of malfunction, displays the error code from E001 to E005. (Please refer to page 18)
2. UV displays the UV lamp is on when the cleaner is working, when open the UV lamp, it can sterilize, or off when not working.
3. *WEEK* displays the current date per week automatically based on the date.
4. displays the current time per day and malfunction code.
5. means selecting the full charging cleaning or some days or everyday of one week. **F** means FULL GO. 1 means Monday, 2 means Tuesday, ... accordingly, 7 means Sunday. (Please refer to page 10.)
6. SPOT displays the cleaner is cleaning in the spot cleaning mode.
7. AUTO displays the cleaner is cleaning in the auto cleaning mode.
8. means running speed: fast speed on speed 1, or slow speed on speed 2.
9. displays the battery. Four grids mean full power, or decreased power with less grids.
10. SPOT cleaning key.
11. AUTO cleaning key.
12. UV lamp key.

PRODUCT PARTS

Remote control

1. Press this button to exchange from sleeping mode to selected mode, or from selected mode to sleeping mode.
2. Press this button to return robot to charging docking station. *(1 means Monday when setting cleaning time)*
3. Press this button to enter scheduling mode when in selected mode. including presetting the cleaning time and beginning to work when full charged. *(2 means Tuesday when setting cleaning time)*
4. Press this button to enter current time setting. *(3 means Wednesday when setting cleaning time)*
5. Press this button to open/close the UV light. *(4 means Thursday when setting cleaning time)*
6. Press this button to select the Speed. *(7 means Sunday when setting cleaning time)*
7. Full Go Button, When full charged, it will start to work itself (Please note that you should press Schedule mode first before press the full go button)
8. Press this button to start auto cleaning mode. *(5 means Friday when setting cleaning time)*
9. Press this button to start spiral cleaning mode. *(6 means Saturday when setting cleaning time)*



Directional buttons

10. ▲ Press this button to increase number in scheduling mode & clock mode.
Press this button to make robot move forward in selected mode.
11. ▼ Press this button to decrease number in scheduling mode & clock mode.
Press this button to make robot go backward in selected mode.
12. ◀ Press this button to switch from hour to minute in scheduling mode & clock mode.
Press this button to make robot turn left in selected mode.
13. ▶ Press this button to switch from minute to hour in scheduling mode & clock mode.
Press this button to make robot turn right in selected mode.
14. Press this button to confirm scheduling in scheduling mode.

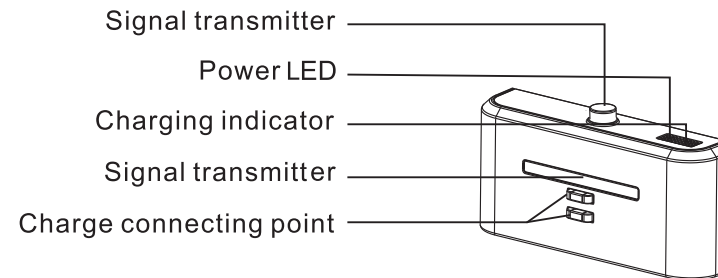
Note:

1. Install two AAA type batteries into remote control.
2. If not used for long time, please pull the batteries out.
3. Wireless remote control, no need to direct to the robot, the control distance is within 10 meters.

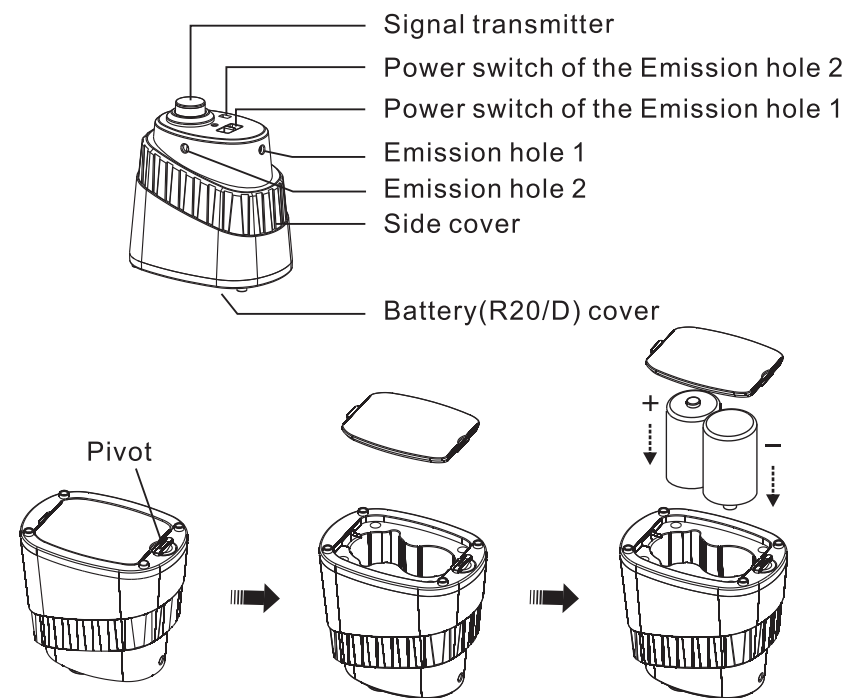
PRODUCT PARTS

Name of each part

Docking station



Virtual wall



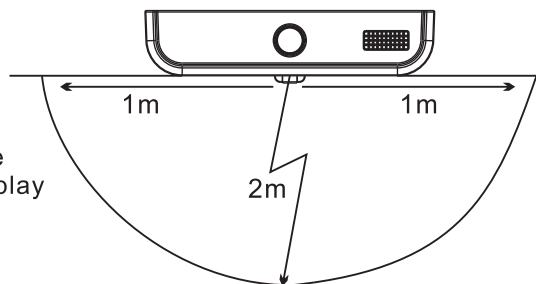
1. Spin the pivot and Lift the cover of the virtual wall;
 2. Install two R20/D type batteries into the virtual wall as shown by the figure.
 3. The right place of batteries by the figure.
- * Please take out the battery if it was unused for long time.

PRODUCT OPERATION

Battery storage and charging

Place charging docking station

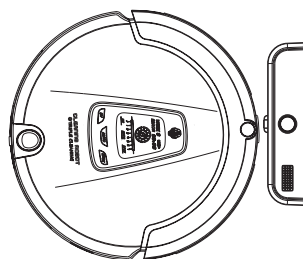
1. Put charging docking station against the wall and remove obstacles about 1 meter at two sides and about 2 meters forward.
2. Turn on the power switch at the right side of the robot, then display will flash.



Automatic recharging

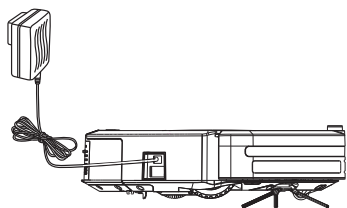
3. The cleaning robot will search the docking station for charging automatically in case of low battery during cleaning..
4. If you want to charge the robot manually, you can press the docking button on the remote control.

(If no command received, the robot will turn to SLEEPING mode after 3 minutes.)





Manual charging

5. You can use the adaptor of the cleaning robot to charge for the main body directly.
6. Connect the output terminal of the adaptor with DC socket of the main body while using the adaptor for charging.



Note:

- A. For the first time use, make sure the battery be fully charged for 12 hours to reach the best performance, after that, charging for 3 to 4 hours is enough.
- B. After battery used up, recharge the robot as soon as possible.
- C. When cleaning robot is charging,  display panel will show , and repeat from left to right.
- D. If the robot is not used for long time, please turn the power switch off.

PRODUCT OPERATION

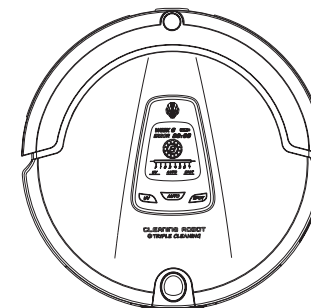
Starting up/Pause/Sleeping/Speed/UV

Starting up

Make sure the power switch is on;
Press AUTO button on main body or on remote control to start cleaning;

Note:

If robot is in sleeping mode, press AUTO button to wake the robot up from sleeping mode.
Then press AUTO for a second time, the robot starts cleaning automatically.



Pause/Sleeping

1. To exchange robot from AUTO mode to selected mode, Press either button among AUTO, SPOT on main body. Press standby or Spot, Auto on remote control.
2. To turn robot into sleeping mode from selected mode, press Standby on remote control.

Note: If not using the robot for a long time, please turn the power switch off.

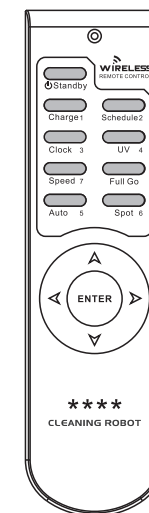
Speed

1. Normally, you can choose speed 1 (Quick), When much dirtier, you can choose Speed 2 (Slow).
2. To choose the working speed according to the ground condition.

UV

Press the UV button on main body or on remote control, If the UV lamp is unused, press the key to turn off, then the icon UV will be off.

This cleaning robot is supplied of a UV lamp which can disinfect the floor and it is especially suitable for people suffering allergy or for home with pets.



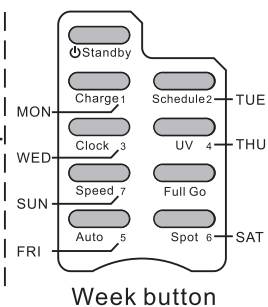
- * When the remote control does not work, check that the remote and cleaner have enough power, turn off the cleaner, press ENTER on the remote control for more than 4 seconds, and then turn on the cleaner without releasing ENTER. After the cleaner beeps twice, release ENTER, then the code check set is finished.
- * If you fail to hear a beep during the code check, just repeat the above process.

PRODUCT OPERATION

How to schedule the robot?

Week & Time setting (On remote control)

1. Press on the remote controller, the icon in the LCD screen of robot will flicker. Then press correct week button, there is display in icon , 1 means Monday, 2 means Tuesday...7 means Sunday.
2. After setting correct week, then you can set time. (No need to press "ENTER" after setting the week.)
3. Press to enter time setting. the icon in the lcd screen of the robot will flicker.
4. Press or to set the correct hour.
5. Press again will flicker.
6. Press or to set the correct minute.
7. After finishing week & time setting, press **ENTER** to save it.



Week button

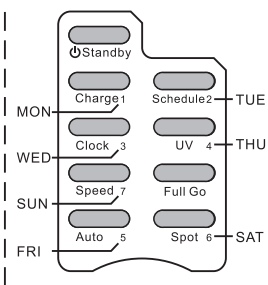
Timing cleaning setting (on remote control)

1. Press timing cleaning setting button , then the icon in the lcd screen of the robot will flicker.
2. Press any week button / some week buttons or all week buttons you want to set timing cleaning on any day or days or everyday of a week. then the selected date or dates will flicker in . 1 means Monday, 2 means Thursday, accordingly 7 means Sunday.
3. If you want to cancel any setting day or days, press the week button again. (No need to press "ENTER" after setting the week.)

After setting cleaning day of each week, it is possible to set the starting time of cleaning.

Cleaning time setting:

1. Press to enter cleaning time setting. the icon in the lcd screen of the cleaner will flicker.
2. Press or to set the timing cleaning hour.
3. Press again will flicker.
4. Press or to set the timing cleaning minute.
5. After finishing week&time setting. press **ENTER** to save it.



Week button

Full Go cleaning setting:

Press "Schedule" first, then press Full Go, of the LCD screen flicker, press ENTER to save it. the robot will start cleaning automatically when the battery is charged(3-4 hours charging).

When the cleaning robot is connected to the docking station. at the set time it will start cleaning automatically (when the battery is fully charged); when the cleaning is finished or the battery is low. the cleaning robot will go back to the docking station.

PRODUCT OPERATION

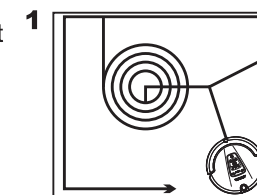
Cleaning mode

1. Auto cleaning

The robot will clean a room automatically and adjust its cleaning according to the floor situation. It will clean by spiral, linear, zigzag, follow the wall modes automatically.

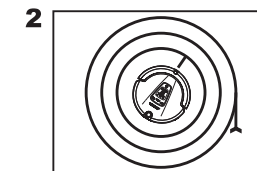
Note:

Clear up gadgets or obstacles in the room before cleaning.



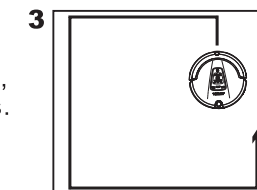
2. Spot cleaning

Press Spot cleaning key, it will enter into the area about 1m² and clean by the spiral mode. The cleaning time of Spot mode is about 2-3mins, and it will stop automatically after the cleaning.

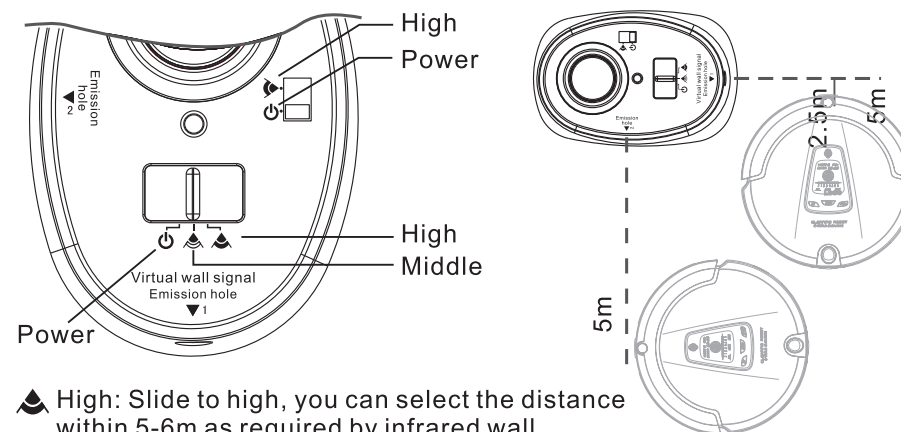


3. Edge cleaning

When the robot detects obstacles(wall for example), it may start cleaning the corner with its side brushes.



Virtual wall use



High: Slide to high, you can select the distance within 5-6m as required by infrared wall.

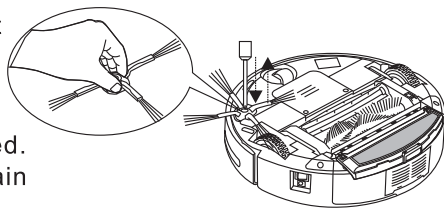
Middle: Slide to middle, you can select the distance within 2-3m as required by infrared wall.

Virtual Wall is with two way launch, you can control the cleaner work in the given area effectively.

PRODUCT MAINTENANCE

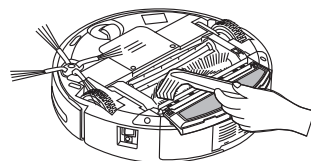
Assembly & Disassembly and Cleaning side brushes

1. Release the screw in the main shaft of the side brush before changing the side brush.
2. Clean the side brushes.
3. Replace side brushes if it's damaged.
4. Press the side brush against the main shaft and then fasten the screw.



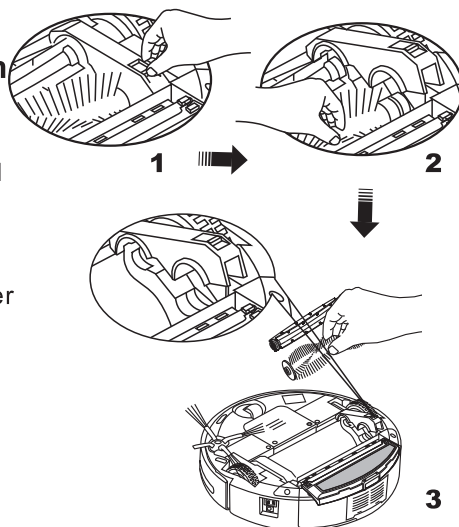
Cleaning Mid-brushes assembly

1. Clean the hair or big dust particles on the main brush and rubber brush regularly to improve the cleaning performance.
2. Clean the wastepaper or small particles by dust brush directly, rotate the brush carefully and cut by scissors or pull by hand the hair, yarn and other twisted objects.



Assembly & Disassembly and cleaning of main brush and rubber brush.

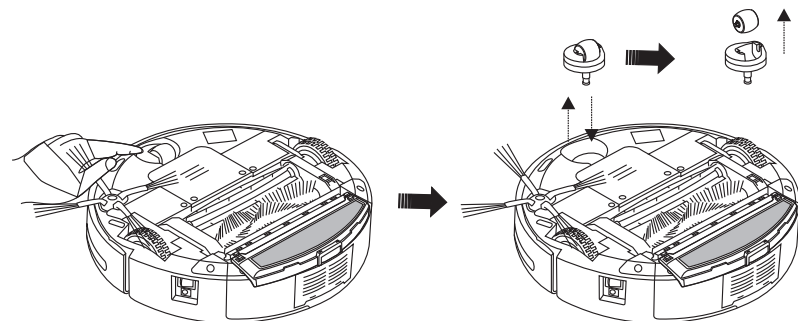
1. Force the locking bar forward and raise the cover by right thumb, and then raise rod of the Mid cleaning brush by your left hand. (Refer to Figure 1 and 2)
2. Take out the main brush and rubber brush (Refer to Figure 3)
3. Insert the main brush and rubber brush into the holes before closing the cover in assembly.



PRODUCT MAINTENANCE

Assembly & Disassembly and cleaning of Front wheel

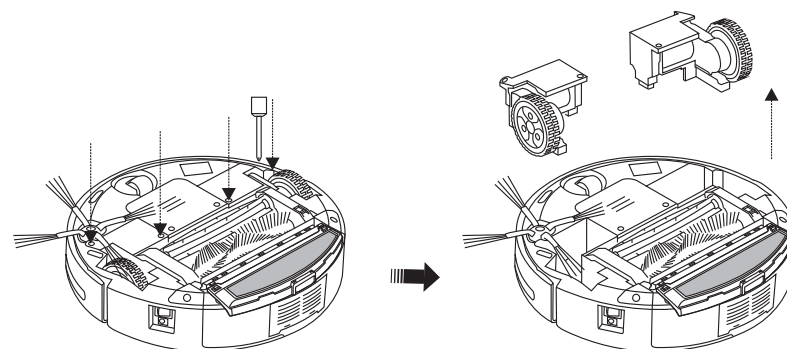
1. Pull out the front wheel with your finger and tools and then clean it. (Refer to the figure)
2. Insert and press the front wheel into the right position while assembling.



Assembly & Disassembly and cleaning of L/R wheel:

1. Release the screw of the left/right wheel by the screwdriver. (Refer to Figure 1)
2. Take out the left/right wheel and clean them with the brush. (Refer to Figure 2)
3. Place the left/right wheel in the original position, and tighten the screw while assembling.

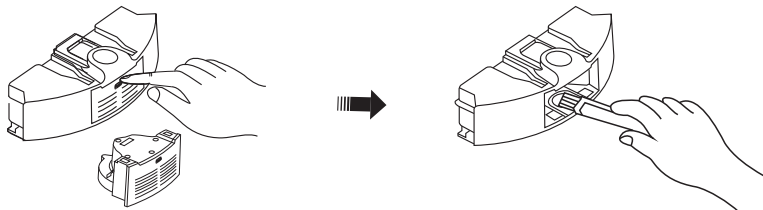
Note: Don't wash the wheel in water!



PRODUCT MAINTENANCE

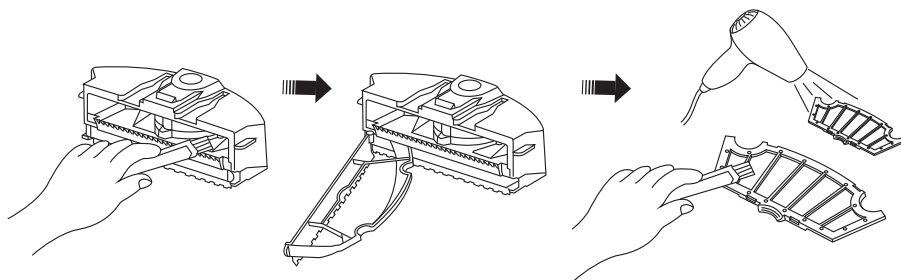
Cleaning dustbin and filter

1. Press the button on fan-assembly, and then the blower will pop up automatically.
 2. Clean them with Dust brush.
- Note: When taking out the fan assembly, Please put the dustbin in 30 degree slope.



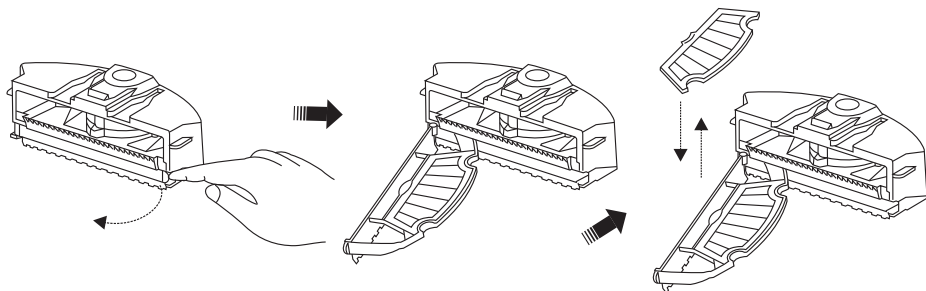
Clean the filter

1. Open the bracket and the filter will appear, take out the filter, and then clean the dustbin in water.
2. Clean the filter by hair dryer or dust brush.



Replace the filter

1. Change a new filter, press the semicircle bracket by one hand to release the fastener from the filter screen, and then change a new one.



PRODUCT MAINTENANCE

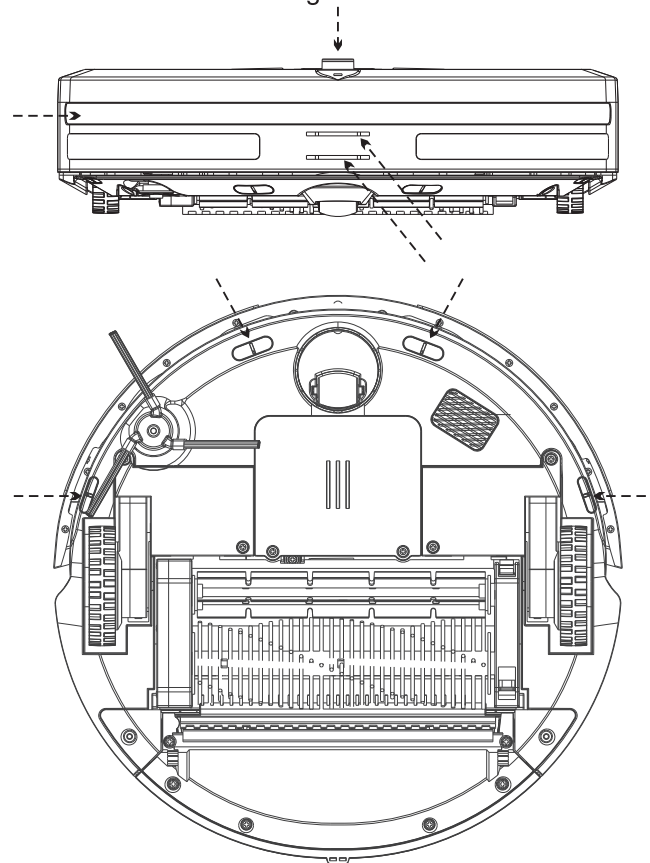
Cleaning sensors

1. Clean the sensor and infrared transparent window with the cotton swab or soft cloth.
2. The wall detection sensor is in front of the robot, while the ground detection sensor and infrared transparent window are at the bottom of the cleaner.

Note:

Charge connecting points on charging docking station need to clean if dirty. Never let water, thinner etc directly touch the sensor window.

If you want to pick up the robot cleaner while it is working, please use the remote control to make the cleaner step back about 20-30cm. Then pick up the machine after turning it off for fear of dust leakage from dust mouth.

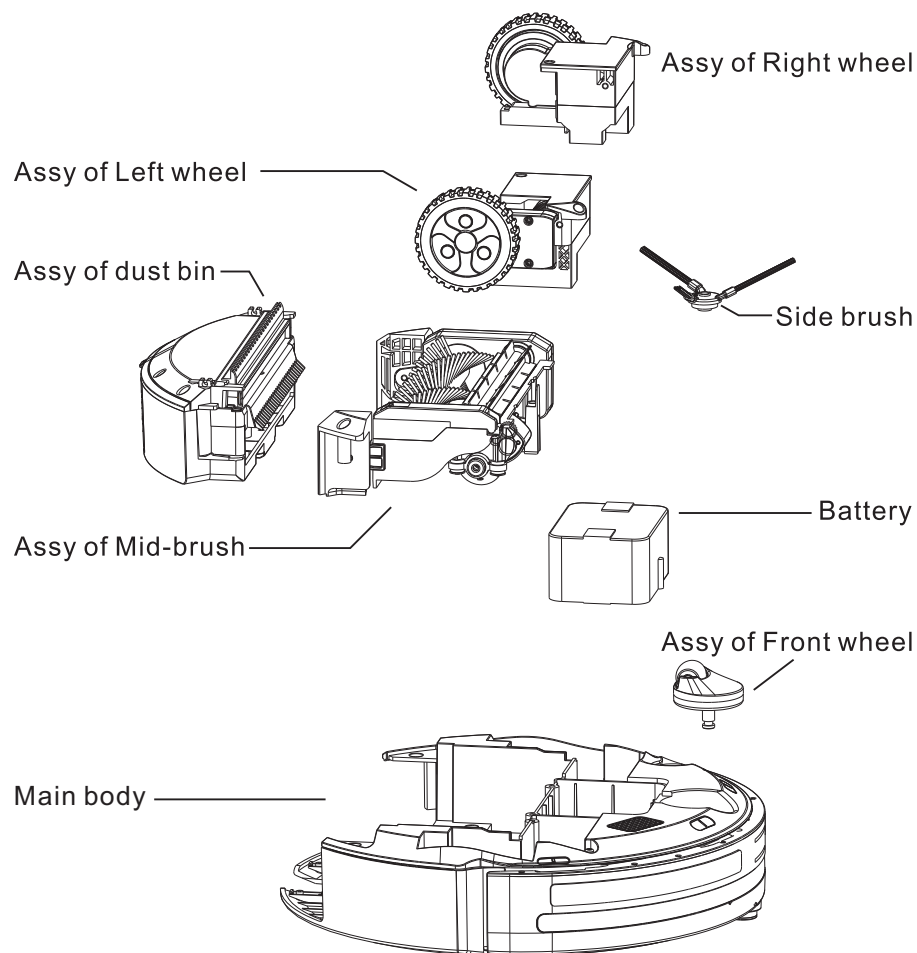


TROUBLESHOOTING

Replaceable modules

Split type design

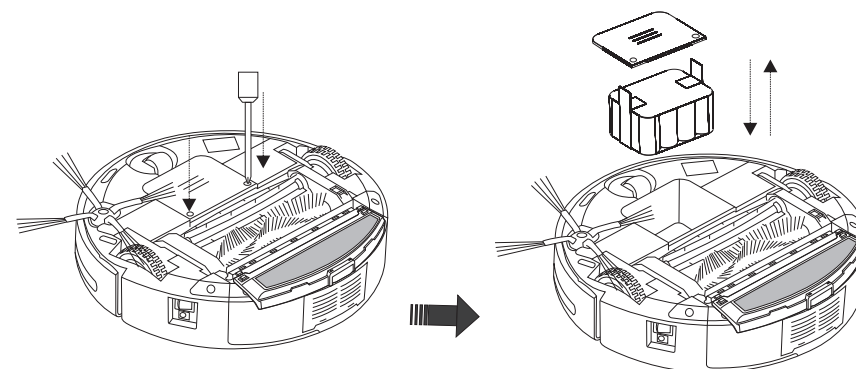
There are a number of modules that can be replaced.



TROUBLESHOOTING

Battery removal

1. Release the screw with a screwdriver, open its base plate and then take out the battery.
2. Place the battery in the right position to ensure the positive and negative electrodes are aligned correctly.



Note:

1. Use factory authorized battery only.
2. Please don't forget to take out the battery before discarding the robot.
3. Please remember to turn off the switch before taking out the battery from the robot.
4. Please don't place the battery in the high-temperature environment above 45°C or in the water.
5. Please don't exert external force to the battery or drop them from high place.
6. The battery should be recycled with safe disposal. Please don't discard it freely or throw it into fire for fear of explosion.
7. If the battery is lack of electricity while heating, it will go to docking station for recharging which will be finished within 1 hour, then the robot will leave from docking station to restart working under "full go" mode, but the robot can not work for more than 50 minutes after recharging for low battery electricity. If above phenomena happened, you need to power off the robot for more than 2 hours to cool the battery.
8. If you did not use the machine for a long time, please charge it every three months at least to avoid the battery short life or damaged.
9. The battery warranty period is 6 months.

TROUBLESHOOTING

Error code sheet

| Failure code | Failure cause | How to solve |
|--------------|--------------------------|---|
| E001 | Ground detection sensors | Clean the sensors at the front bottom of the robot. |
| E002 | Middle brush | Clean the rubbish such as hair, thread wrapped on the brush. |
| E003 | Power off | Use the adaptor to charge, after full charged, then use again. |
| E004 | Ground detection sensors | Check the left and right wheels, clean the rubbish on it. |
| E005 | Ground detection sensors | Please check whether the fan assembly is clean, if not, please clean it, then put inside to the dustbin and put back to the cleaner |

Note:

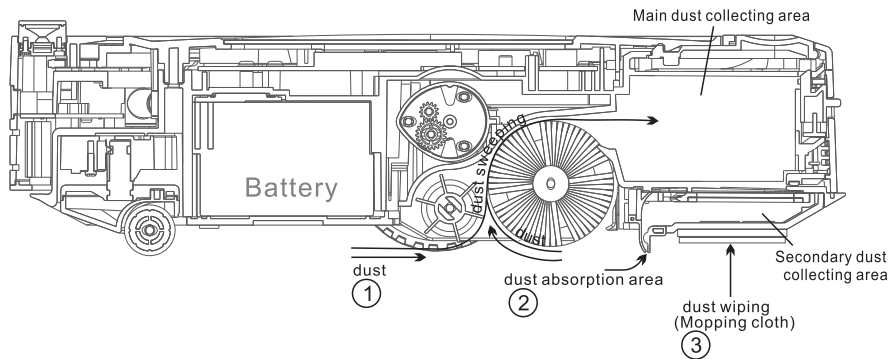
If the failure still exist after the above check, please contact the after sale service maintenance, professional maintenance staff or the technical center of the company, don't disassemble and maintain it by yourself.

TECHNICAL SPECIFICATIONS

| Classification | Item | Detail |
|--|------------------------|----------------------------------|
| Mechanical technical specifications | Diameter | 320mm |
| | Height | 87mm |
| | Weight | 3.2kg |
| | Remote control | Wireless |
| | Sterilization | UV |
| | Filter material | HEPA |
| | Button type | Touch |
| | Rated voltage | 14.4V |
| | Battery specifications | Ni-MH 2200mAh |
| Remote control technical Specifications | Transmitting distance | 10m |
| | Rated voltage | 3V |
| | Battery | 2*AAA batteries (not include) |
| | Specification | 152*42*24mm |
| | Weight | 62g |
| Docking station technical Specifications | Specification | 195*50*105mm |
| | Weight | 228g |
| | Rated voltage | 24V |
| Virtual wall technical Specifications | Specification | 102*71*106mm |
| | Weight | 142g |
| | Rated voltage | 3V |
| | Battery | 2 Batteries "D" 3V (not include) |
| | Emission hole | Double direction angle |

FUNCTIONS OF ROBOT IN BRIEF

- * Triple cleaning technique:
 - Both rubber brush and hair brush
 - Vacuum cleaning
 - Mopping



- * Two-way launch virtual wall, cleaning the given place effectively
- * UV lamp for sterilization
- * Wireless remote control
- * Anti-collision function
- * Anti-fall function
- * Presetting cleaning time
- * Three cleaning routes:
 - Zigzag cleaning,
 - Spiral cleaning,
 - Wall-Following cleaning
- * Return to charge automatically