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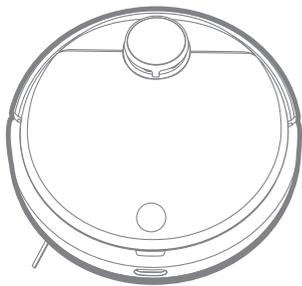
Use Instruction

Contents

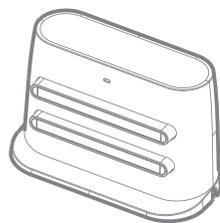
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1. Packing list

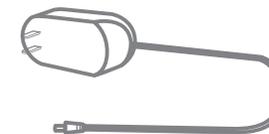
Before using this product, please check whether the product package contains all the following items, if lost, please contact customer service.



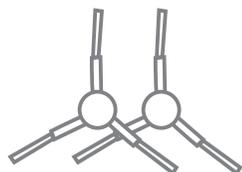
Main unit



Charging stand



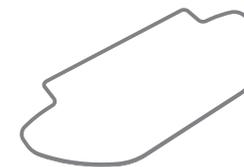
Power line



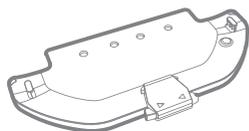
Side Brush (x2)



Cleaning Brush



Rag



Rag bracket



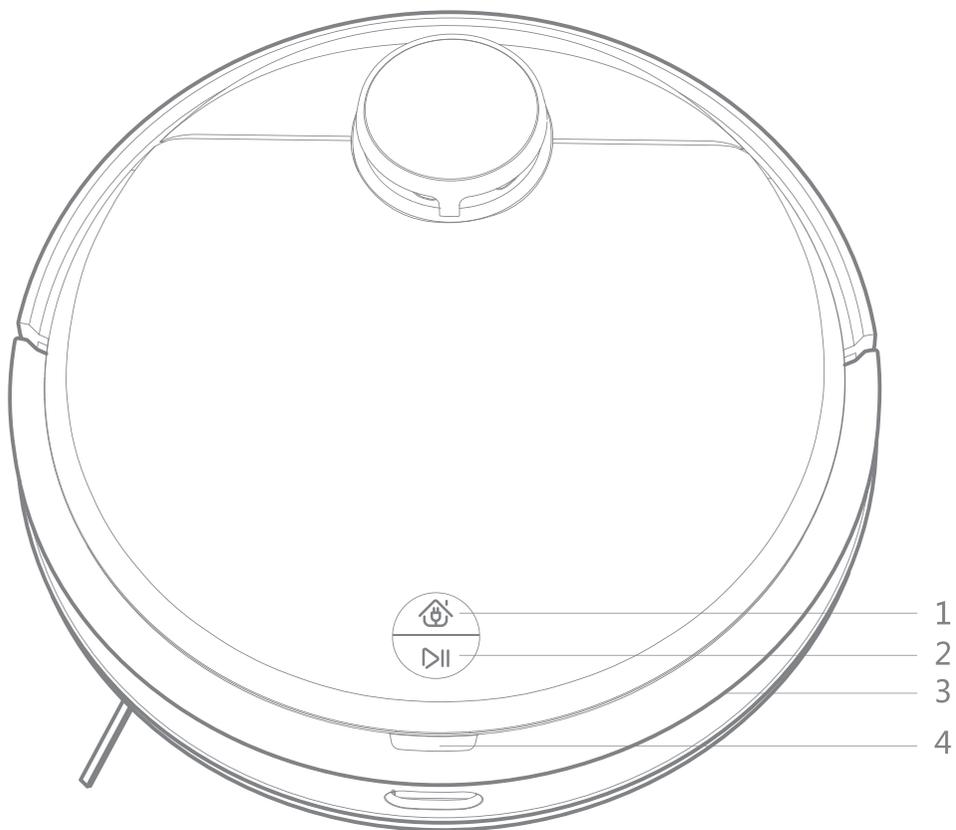
Filter



Two-in-one water tank

Printed documents: 《Quick Start Guide》, 《User Manual》, 《Certificate of quality》

2. Introduction to the product



Main unit

1. Intelligent recharging

Press short to start intelligent recharging.

2. ON/OFF/global cleaning

Press short to start/pause cleaning.
Press and hold for 3s to power on or off.

- The blue light is always on: Wi-Fi is connected/fully charged/working normally.
- · · The yellow light is flashing slowly: recharging.
- ~ The yellow light is breathing: charging.
- · · The blue light is flashing: network configuration status, Wi-Fi is not connected.
- The red light is flashing: fault/abnormal state.

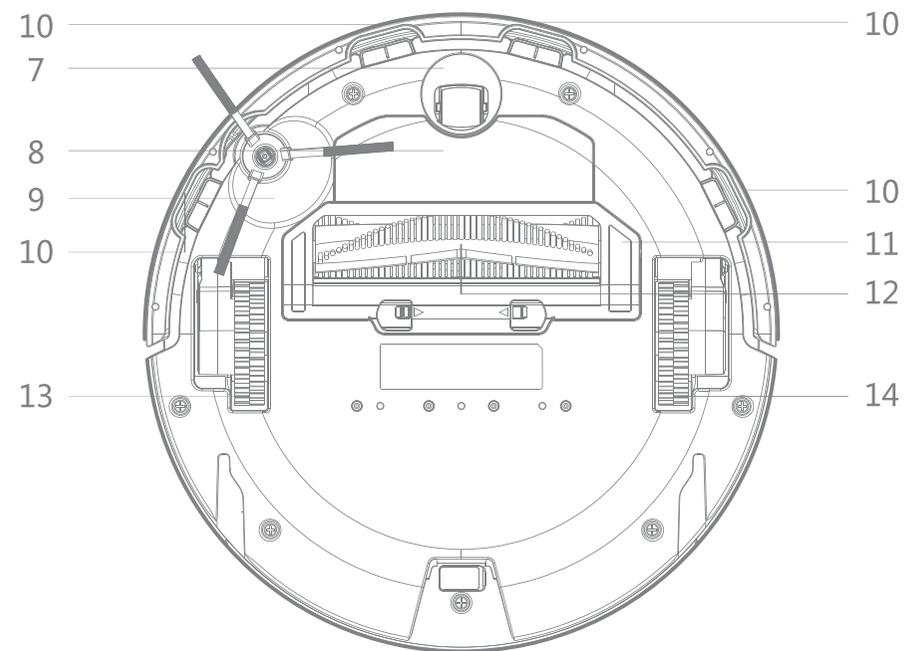
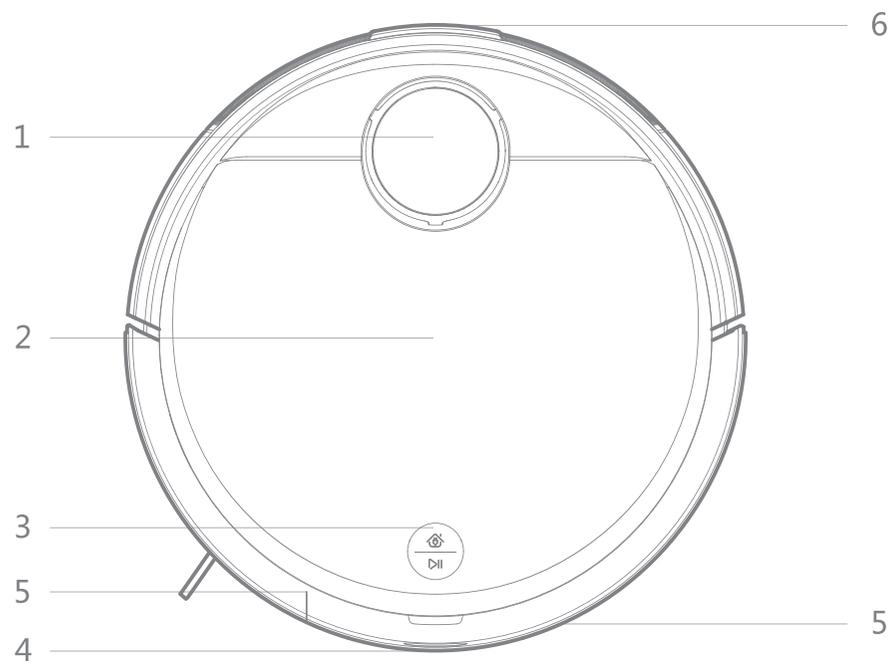
3. Network configuration

In the power-on state, press and hold the  key and the  key simultaneously for 3s to enter the network configuration.

4. Cover opening port

Tip: The cover can be opened here to take dust box out.

2. Introduction to the product



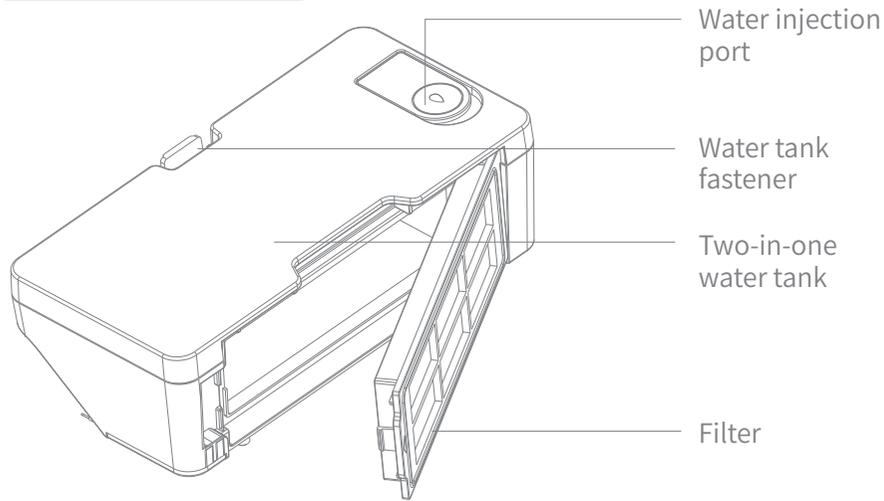
Main unit and sensor

- | | | | |
|---------------------|------------------------|---------|------------------------------|
| 1. Ladar | 2. Cover | 3. Keys | 4. Infrared receiving sensor |
| 5. Collision sensor | 6. Charging electrodes | | |

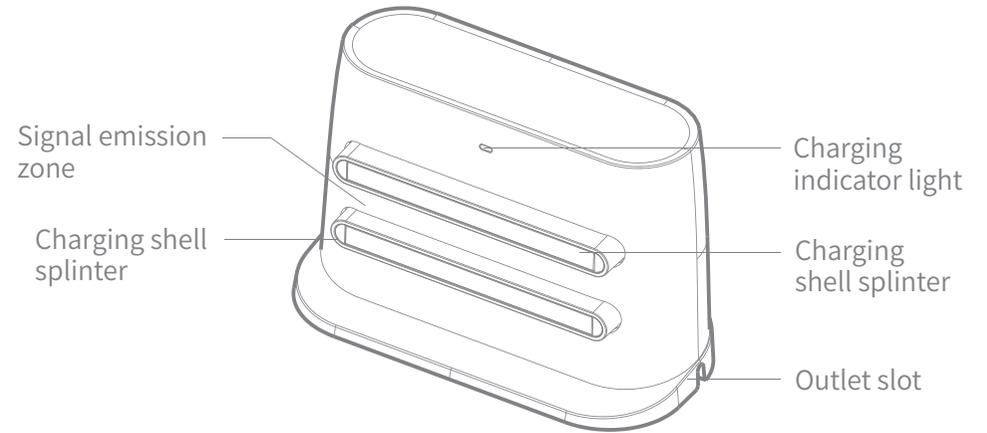
- | | | |
|---------------------|----------------------------|-----------------|
| 7. Universal wheel | 8. Battery pack | 9. Side brush |
| 10. Boundary sensor | 11. Main brush cover plate | |
| 12. Rolling brush | 13. Left wheel | 14. Right wheel |

2. Introduction to the product

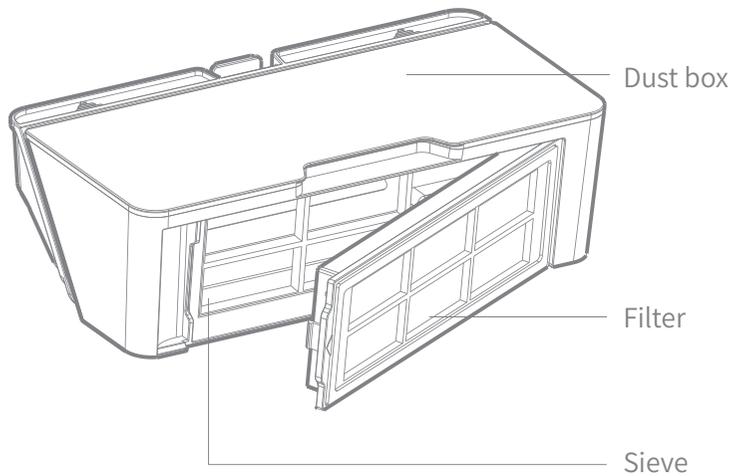
Two-in-one water tank



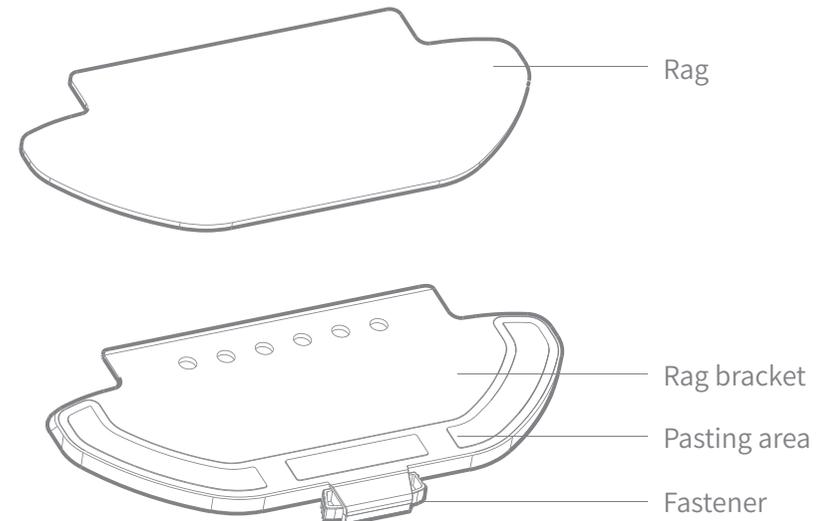
Charging stand



Dust box components

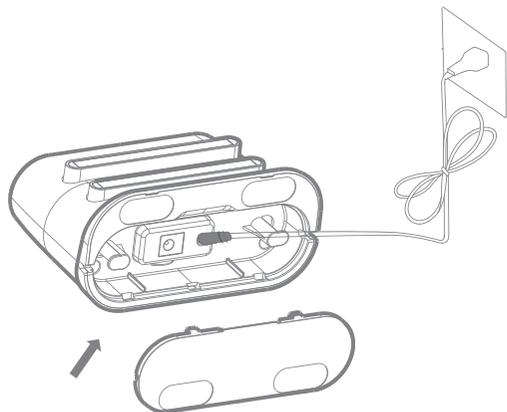


Rag components



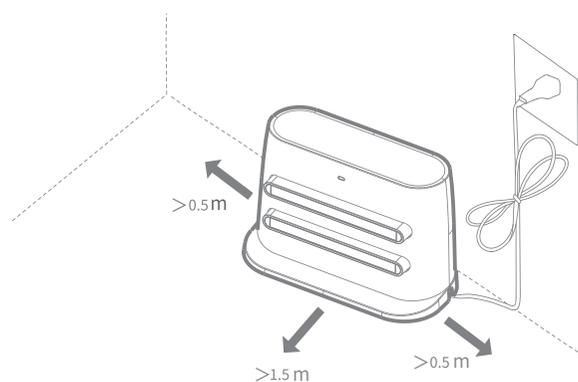
3. Installation description

1. Connect the power line and store excess lines



Please store the excess power lines in the slot at the bottom of the charging stand to prevent the charging stand from being cut off due to dragging.

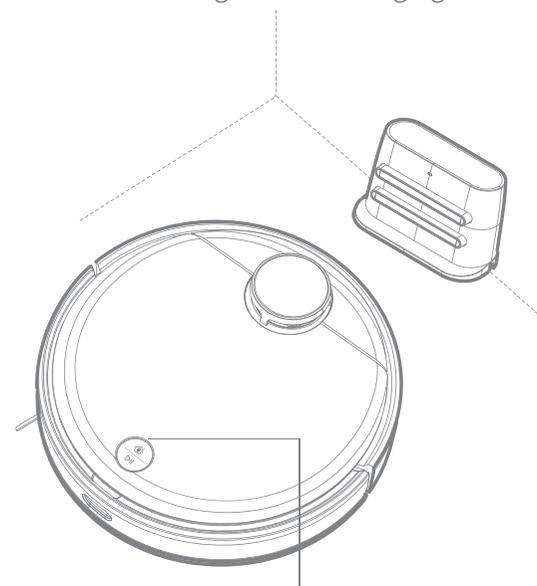
2. Place the charging stand against the wall and connect the power



Please make sure that there is more than 0.5m on the left and right sides of the charging stand and more than 1.5m in front. Do not place the charging stand in direct sunlight.

3. Power-on and charging

Press the  key for 3s. After the indicator light of the main unit is always on, put the main unit against the charging stand for charging.



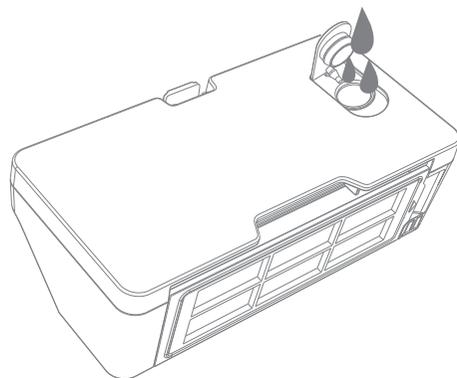
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- · · The yellow light is flashing slowly: recharging.
- ^ The yellow light is breathing: charging.
- · · The blue light is flashing: network configuration status, Wi-Fi is not connected.
- The red light is flashing: fault/abnormal state.

- It may not be able to switch on or off when the battery is low. Please put the main unit directly against the charging stand.
- The main unit will be automatically turned on once it is put against the charging stand.
- The main unit cannot be turned off on the charging stand.

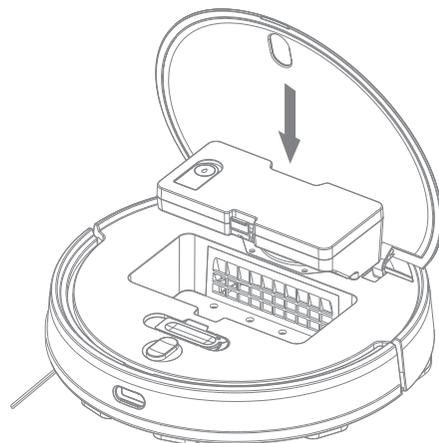
3. Installation description

4. Install two-in-one water tank

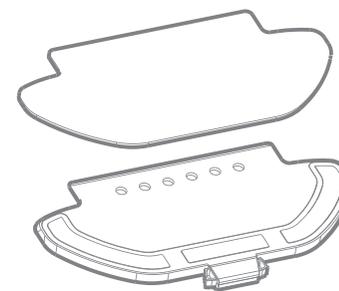
A. Open the rubber cover of the two-in-one water tank, fill it with water and fasten the rubber cover.



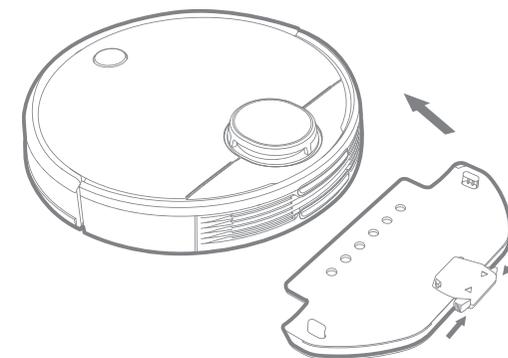
B. Install the two-in-one water tank into the main unit according to the direction shown in the figure and confirm that the fastener is installed in place.



C. Put the rag into the rag bracket and paste it on the magic tape.



D. Hold the fasteners on both sides of the rag bracket by hand and push it horizontally into the bottom of the main unit in the direction shown in the figure.



- Do not soak the two-in-one water tank in water.
- It is not recommended to use two-in-one water tank for cleaning for the first time.
- Do not use the two-in-one water tank when there is no one at home.
- Please remove the two-in-one water tank and rag bracket when charging or not in use.
- If there is carpet at home, please set up virtual wall in the APP.

4. Use instruction

1. Power-on/off

- A. When the main unit is put on the charging stand for charging, it will be automatically powered on.
- B. When the main unit is put on the charging stand for charging, it cannot be powered off.
- C. When the main unit is at rest, press and hold the power key to switch off, and there will be a voice prompt for power-off.
- D. Press the power key for a long time, the power indicator light is on, the main unit enters the power-on state, and there will be a music prompt after the power-on is completed.

3. Equipment recharging

- A. When the cleaning of the main unit is finished, there will be a voice prompt that “the cleaning is finished and enter the recharging mode”, and the main unit will be automatically recharged.
- B. When the power is too low during cleaning, the main unit will automatically be recharged; when the power is sufficient, it will automatically return to the break-point to continue cleaning.
- C. After the main unit is automatically powered off without power, the main unit can be manually put back into the charging stand for charging. Please ensure that the charging electrodes are in good contact.

2. Cleaning

- A. Under the power-on state, press short the ON key, and there is a voice prompt of “enter the global cleaning mode”.
- B. Press short the recharging key in the power-on state, and there is a voice prompt of “enter the recharging mode”.
- C. Enter the home page of the device through the APP, and click the “start” key to start the cleaning task.
There is a voice prompt of “enter the global cleaning mode”.
- D. Enter the home page of the device through the APP, and click the “recharging” key to start the recharging task.
There is a voice prompt of “enter the recharging mode”.
- When the power is too low, the cleaning function cannot be started.

4. Network distribution and firmware upgrade

- A. Scan the body QR code to download the APP, and use the mobile client to reset Wi-Fi according to the instructions of the APP. Please refer to the quick guide for details.
- B. The firmware of the device can be directly inquired and upgraded through the APP device. When upgrading, please ensure that the device is in a charged state and the power is not less than 30%. Refer to the instructions in APP for upgrading steps.
 - After it is downloaded successfully, configure the network according to the APP prompt. After the main unit is connected to the network, use the APP to remotely start the functions of cleaning and scheduled cleaning.
 - The main unit does not support 5.8G band Wi-Fi network for the time being.
 - Unbinding operation of APP: Press the recharging key for 5s, release the key after hearing the sound, and then press the recharging key for 5s. The voice prompts initialization start/initialization successful.

3. Use instruction

Pause

When the main unit is running, press any key to pause. Press the ▶|| key to continue cleaning and press the 🏠 key to return to the charging stand and end the cleaning.

Sleep

If there is no operation for more than 5 minutes, the main unit will automatically enter the sleep state. In the sleep state, the main unit can be woken up by pressing keys and APP.

- The main unit will not go to sleep when charging in the charging stand.
- The main unit is automatically powered off after sleeping for more than 12h.

Fault state

When there is an abnormality in the operation of the main unit, the key light flashes in red rapidly with voice prompt. Please refer to “Troubleshooting” for solutions.

- In the fault state, if there is no operation for 5 minutes, the main unit will automatically sleep.

Add water to the water tank or clean rags during the process

If it is needed to add water or clean rags during the cleaning process of the main unit, please press any key to stop and then remove the water tank. After adding water or cleaning mops, put back the water tank and rags, and press the ▶|| key to continue working.

Cleaning preference

Energy saving, standard and powerful modes can be selected by using APP on the mobile phone, and the default mode is standard mode.

Self-selected area

The APP on the mobile phone can be used to set the selected area, and the main unit will clean according to the area planned by the mobile phone.

Do-not-disturb mode

During the “Do Not Disturb” period, the main unit will not respond to breakpoint resume, scheduled cleaning and active voice broadcasting. The do-not-disturb mode is turned on by default when delivery, and the turning-on period is 22:00-07:00. The do-not-disturb mode can be turned off by using APP on the mobile phone.

Breakpoint resume

This device is capable of breakpoint resume. When the power is exhausted during cleaning, it will automatically find the charging stand to charge; after charging, it will return to breakpoints to continue cleaning (If cleaning is finished artificially during charging, the main unit will cancel the breakpoint resume).

Fixed-point cleaning

The target point on the map can be selected by using APP on the mobile phone, and the main unit will automatically plan the route to the designated place and clean it in a 2*2 square area.

Scheduled cleaning

The scheduled cleaning time can be set by using APP on the mobile phone and the main unit will automatically start cleaning at the specified time and automatically return to the charging stand after cleaning.

Virtual wall

The virtual wall (forbidden zone) can be set by using APP on the mobile phone, and the main unit is prohibited from entering the area that does not need to be cleaned.

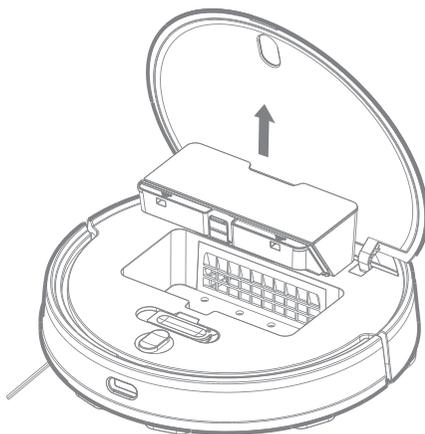
Map memory description

The memory map can be enabled in APP, and the main unit will save the updated map and virtual wall after completing cleaning and recharging.

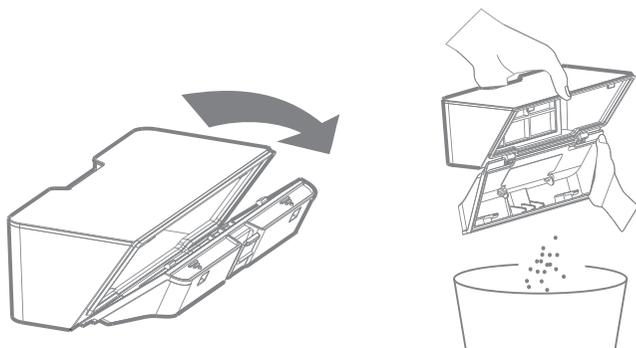
4. Daily maintenance

Dust box

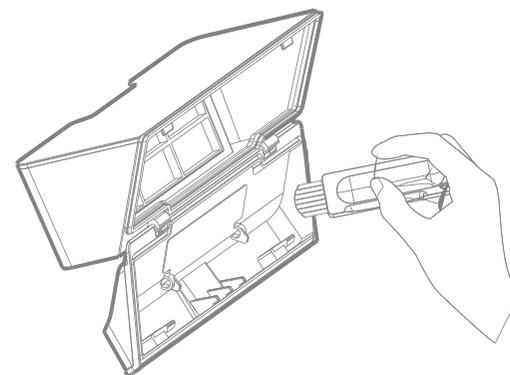
A. Open the cover as the figure shows and take out the dust box.



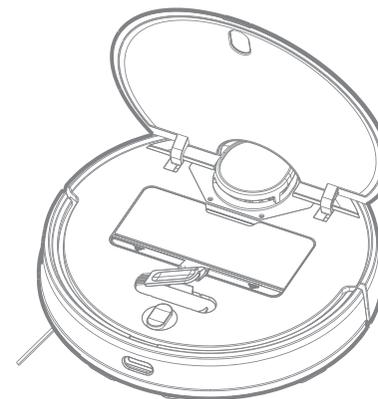
B. Pull open the top of the filter components firstly and take out the filter components to dump the dust box.



C. Please clean the dust box using a cleaning brush and install the filter components back.



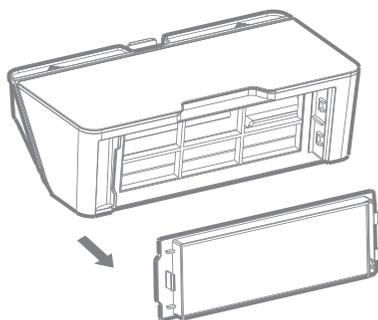
D. Install the dust box back to the main unit and fasten it and then cover it.



5. Daily maintenance

Filter components

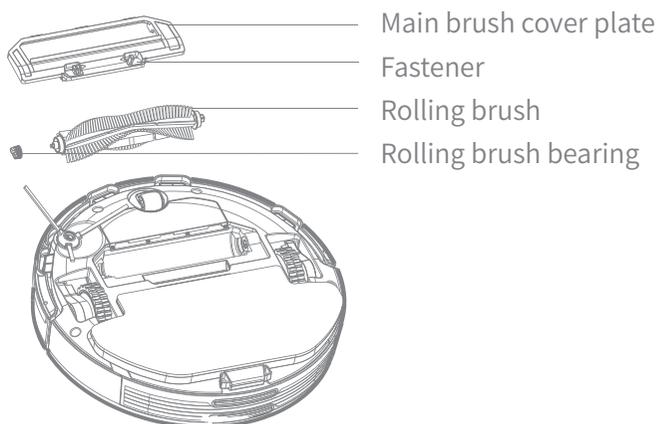
Take off filter components as the figure shows and clean them



Rolling brush

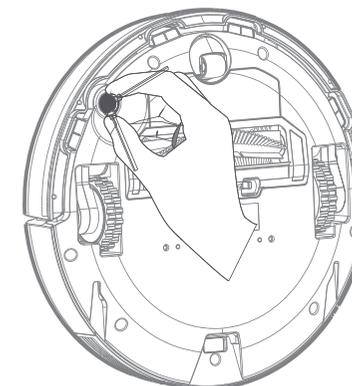
- Turn over the main unit, take off the fastener and remove the main brush cover plate.
- Take out the rolling brush upwards and clean the rolling brush bearing.
- Clean the rolling brush with a cleaning brush.
- Install the rolling brush back and press the fixing fastener of the main brush cover plate.

Note: It is recommended to replace the rolling brush every 6-12 months to ensure the cleaning effect.



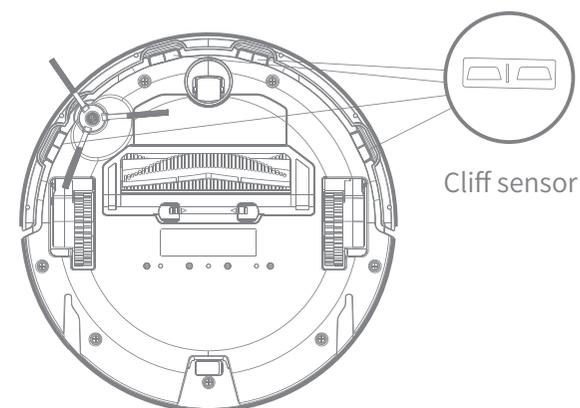
Side brush

Take off and clean side brush regularly



Cliff sensor

Clean cliff sensor with soft rags regularly



- Filter components cannot be washed, and it is recommended to replace them every 3 months.
- In order to avoid blocking of filter components, it is recommended to clean the filter components regularly with a cleaning brush.
- It is recommended to replace the side brush every 3 months to ensure the cleaning effect.

6. Basic parameters

Main unit

External dimensions	φ350mmx94.5
Product weight	About 3.3 kg
Rated voltage	14.8V
Rated power	33W
Battery capacity	3200mAh

Charging stand

External dimensions	153.9mmx74.6mmx99.5mm
Rated power	24W
Rated input	20V \approx 1.2A
Rated output	20V \approx 1.2A
Rated frequency	50/60HZ

Name and content of harmful substances in the product

	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr(VI))	Polybrominated biphenyl (Pbb)	Polybromide diphenylether (Pbde)
Metal	×	○	○	○	○	○
Printed circuit board	○	○	○	○	○	○
Plastic cement	○	○	○	○	○	○
Standard parts (screw/washer, etc.)	○	○	○	○	○	○
Other metal structures (motor and decoration)	○	○	○	○	○	○
Battery	○	○	○	○	○	○
Accessories (hair brush and main brush, etc.)	○	○	○	○	○	○

This table is compiled according to SJ/T11364-2014.

- : Indicate that the content of the harmful substance in all materials of the part is below the limit specified in gb/t 26572-2011.
- ×
- “ × ” : Indicate that the content of the harmful substance in at least one homogeneous material of the part exceeds the limit specified in gb/t 26572-2011.
- “ × ” : The part of “×” indicate that due to the limitation of technology and process level in the world at present, it is impossible to completely replace non-environmental protection substances or elements, and it will be gradually improved with the technical progress.
- * : Indicate that some models of the product recently contain this part.



Mark of restricted use of harmful substances

The above marks shall be carried out in accordance with China's measures for the administration of restricted use of harmful substances and its supporting standard SJ/T11364. Long-term use of this product will not cause harm to human body.

6. Basic parameters



Mark of restricted use of harmful substances

10-year environmental protection service life

It indicates that the harmful substances contained in this product will not leak or mutate, and the normal use of this product by users under the conditions described in the product use instruction will not pollute the environment or cause serious damage to their body and property.

Arrow cycle mark

It indicates that this product can be recycled. After the service period expires or it cannot be used normally after being repaired, it should not be discarded at will, but should be handled by regular recycling channels and enterprises qualified to handle used electrical and electronic products. For correct handling methods, please refer to the national or local regulations on the handling of used electrical and electronic products.

7. Troubleshooting

Fault prompt	Solutions
Error 1. Please make sure the laser ranging sensor is unblocked.	If the laser ranging sensor is blocked or stuck by foreign objects, please remove the blocking objects or foreign objects; If it cannot be cleaned, please move the main unit to a new place to start.
Error 2. Please wipe the cliff sensor and move to a new place to start.	The main unit is suspended, please move to a new place to start. The fault may also be caused by the dirty cliff sensor. Please wipe the cliff sensor to eliminate it.
Error 3. Strong magnetic field is detected. Please start away from the virtual wall.	When starting, the main unit is too close to the virtual wall. Please move to a new place to start.
Error 4. Please detect and remove foreign objects from the collision sensor.	Collision sensor is stuck, please tap repeatedly to remove foreign objects. If there is no foreign object, please move to a new place to start.
Error 5. The temperature of main unit is abnormal.	The temperature of the main unit is too high or too low, please wait for the temperature of the main unit to return to be normal before using.
Error 6. Charging is abnormal. Please try to clean the charging contact area.	Please wipe the charging contact piece of the main unit and the charging shell splinter of the charging stand with a dry cloth.

8. Common problems

Unable to start

The battery is low. Please charge it by the charging stand before using it. The environment is too low (below 0°C) or too high (above 50°C).

Unable to start cleaning

The battery is low. Please charge it by the charging stand before using it.

Unable to recharge

There are too many obstacles near the charging stand. Please put the charging stand in an open area.

The main unit is too far away from the charging stand. Please put the main unit near the charging stand to try again.

Abnormal behavior

Restart the device after powering off.

Abnormal noise during cleaning

Rolling brush, side brush or left/right wheel may be entangled with foreign objects. Please clean it after stopping the device.

Cleaning ability drops or ash drops

The dust box is full, please clean it.

Filter components have been blocked, please clean them.

The rolling brush is entangled with foreign objects, please clean the main brush.

Unable to connect Wi-Fi

Wi-Fi signal is not good, please make sure the main unit is in a good Wi-Fi signal coverage area.

Wi-Fi connection is abnormal, please reset Wi-Fi and download the latest APP to try to connect again.

Breakpoint resume

Please confirm that the main unit is not in do-not-disturb mode, and it will not be resumed in this mode.

Under the circumstance of manually recharging or placing the main unit back into the charging stand, it will not be resumed.

Unable to return to the charging stand after fixed-point cleaning or moving position

After fixed-point cleaning or long-distance moving, the main unit will reproduce the map. If the charging stand is far away, it may not be recharged automatically. Please manually put the main unit back to the charging stand for charging.

Unable to charge

Ensure that there is enough space around the charging stand and there is no dust or obstruction on the electrode surface of the charging stand.

Scheduled cleaning does not work

Confirm that the equipment is connected to the network. If the equipment is not connected to the network, the scheduled cleaning cannot be synchronized.

The main unit is always offline

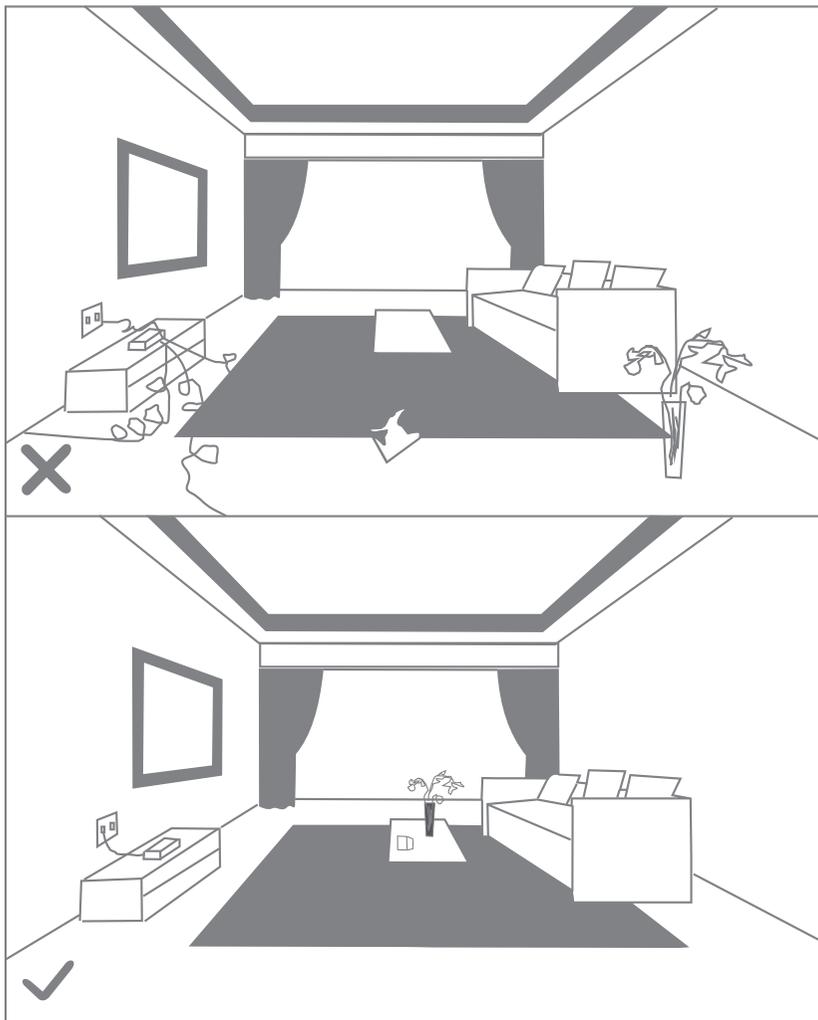
Ensure that network configuration of the device is successful and it is always within the coverage area of Wi-Fi.

The device is unable to be matched with the mobile phone

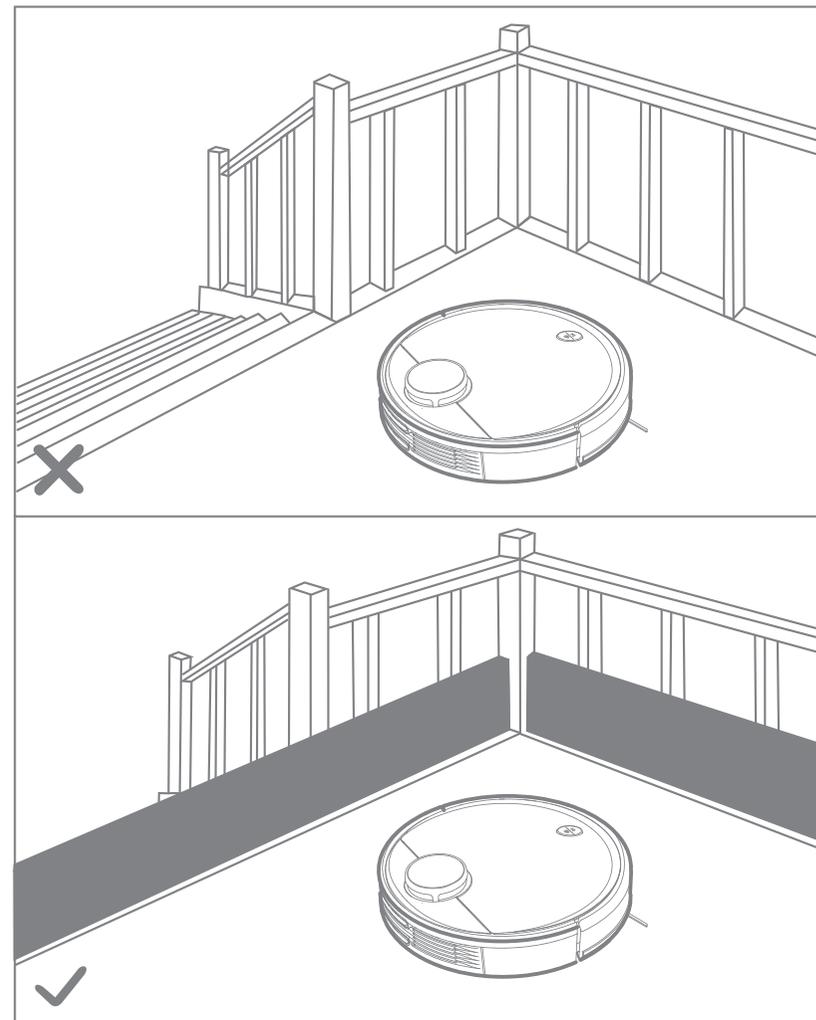
Ensure that the charging stand and the main unit are within the coverage of Wi-Fi and the models are good. Reset Wi-Fi according to the instructions in the manual before matching.

9. Special tips

Before starting the robot vacuum cleaner, please clean the cables and sundries scattered on the ground, and remove articles which are easy to fall, be fragile and valuable and may cause danger, so as to avoid personal or property damage caused by being entangled, stuck, dragged or knocked down by the main unit.



If the product is used in a suspended environment, be sure to use a firm physical barrier to prevent personal or property damage caused by accidental falling of the main unit.



10. Use restrictions

- A. This product is only used for floor cleaning in home environment, and it cannot be used in outdoor (such as open balcony), non-floor (such as sofa), commercial or industrial environment.
- B. Do not let people with physical, mental or perceptual disabilities (including children) use or operate this product.
- C. Do not let children treat the main unit as toys. Please supervise children and pets to keep them as far away as possible when the main unit works.
- D. Do not place any objects (including children and pets) on the stationary or running main unit.
- E. Do not use it to clean any burning objects (such as unlit cigarette butts).
- F. Do not let the main unit absorb hard objects or sharp objects (such as decoration waste, glass and nails).
- G. Do not use the lidar protective cover as a handle to carry the machine.
- H. Clean and maintain the main unit and charging stand in shutdown or power-off state.
- I. Do not spill any liquid into the product (the dust box can be dried and put back after being cleaned).
- J. Do not place the main unit upside down (lidar cannot be placed on the ground).
- K. Please use this product according to the instructions in the manual or quick guide, and any loss or injury caused by improper use shall be borne by the user.
- L. The lidar of this product meets the Class-1 laser safety standard of IEC60825-1:2014, which will not generate dangerous laser radiation to human body.

Battery and charging

- A. Do not use any third-party battery, power adapter or charging stand.
- B. Do not disassemble, repair or modify the battery or charging stand without permission.
- C. Do not wipe any position of the product with a wet cloth or any liquid.
- D. If the product needs to be transported, please make sure that the main unit is turned off, and it is recommended to use the original packaging box for packaging.
- E. If it is not used for a long time, please turn off the main unit after being fully charged and put it in a cool and dry place, and charge it at least once a month to avoid battery damage.
- F. Do not use non-rechargeable battery.
- G. Do not place the charging stand near the heat source (such as radiator, etc.).
- H. Do not throw discarded battery at will. It is recommended that they be disposed of by professional organizations.

Steps for taking out the battery:

- A. Open the battery box, unplug the power cable and take out the battery.
- B. Before abandoning the sweeper, take the battery out of the robot vacuum cleaner.
- C. When the battery is taken out, the robot vacuum cleaner must be powered off.

11.FCC Statemen

1.This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1)This device may not cause harmful interference,and
- (2)This device must accept any interference received, including interference that may cause undesired operation.

2.any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body .

Thank you for choosing TAB!

Since the founding of TAB, we have kept advancing with the times. We have a professional sweeping robot production line, sweeping&mopping integrated robot, and other machines. If you are interested in our product line, we are very welcomed to customize an exclusive sweeping robot according to your needs (only for bulk orders). We attach great importance to product quality, so we will manually inspect each product before leaving the factory. If you have any questions about the product, please contact us at any time via the following email address, a satisfactory reply will be given within 12 hours usually.

Email address: robotcleaner-tab@outlook.com

*If you can send us pictures of the product, we will give priority to your after-sales problems

*If you are satisfied with this shopping experience, we would be grateful if you would share it

Your Life Smart, My Smart Life

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