

# Robotic vacuum cleaner

**Instruction manual**

(Note: Please read this instruction carefully before use to avoid danger or damage to the product due to improper operation)



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## WIFI settings instructions

Scan the QR code in Figure 1 to download and install the "LIBOS HOME" APP, or search for "LIBOS HOME" in the App Store and Android application stores - download and install.



Figure1

Open the "LIBOS HOME" App to log in. There are three ways to log in: verification code login, third-party account login, and password login.

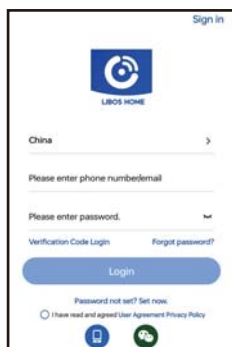


Figure2

After logging in, click the "+" in the upper right corner of Figure 3 to add a device. On the Add Device page, select "Laser Sweeper" (as shown in Figure 4). You can then select the network configuration method for the machine through the options in the upper right corner (Figure 6). For machines with Bluetooth function, you can select Bluetooth network configuration for quick network configuration. Press and hold the machine cleaning button to turn on the machine. After waiting for the power-on voice broadcast to finish, press and hold the recharge button (refer to the product composition for specific button information) until the wifi light flashes and the corresponding voice is heard, so that the machine enters the network configuration mode.

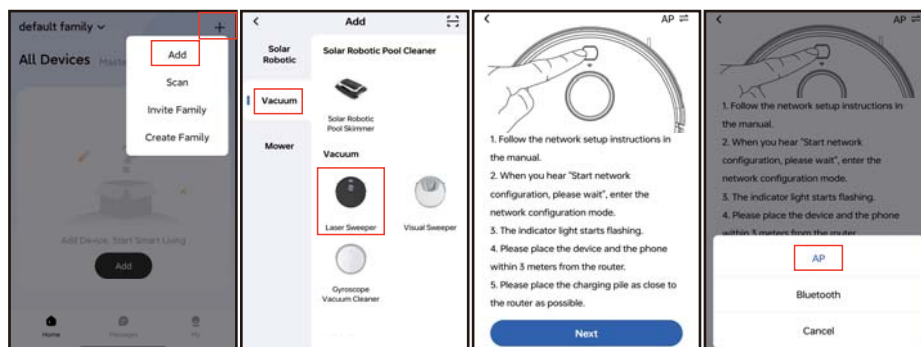


Figure3

Figure4

Figure5

Figure6

In order to improve the product, we reserve the right to update the APP and software.

## WIFI settings instructions

After selecting the network configuration method, click Next and the page in Figure 7 will be displayed. At this time, you need to select the robot's working Wi-Fi (only 2.4GhzWi-Fi is supported, and the Wi-Fi name does not support Chinese characters and full-width symbols), and enter the corresponding Wi-Fi password. Click Next to jump to the Wi-Fi interface. Click the Wi-Fi you need to connect to. The Wi-Fi name format is "Robot##Libos-xxx" or "Robot##xxx-xxx" (Figure 8). If you return to the app without connecting to the corresponding Wi-Fi, the phenomenon in Figure 9 will be displayed. At this time, click Manual Connection to return to the Wi-Fi interface. If you return to the app without connecting to Wi-Fi for a long time, it will display Binding Failure as shown in Figure 10, and you need to re-perform the network configuration operation.

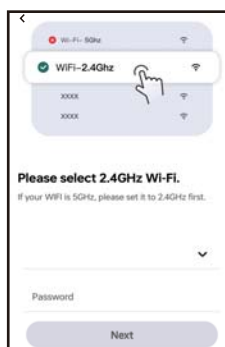


Figure7



Figure8

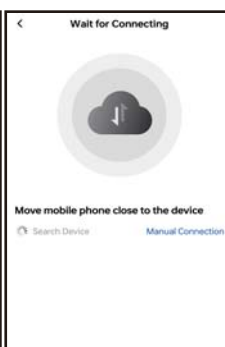


Figure9



After connecting to the specified wifi, return to the app and wait for the device to connect successfully, as shown in Figure 11. After the connection is successful, the interface in Figure 12 will be displayed. Click Finish to return to the home page. At this time, you can see the corresponding device, as shown in Figure 13



Figure11



Figure12



Figure13

Note: When selecting Bluetooth network configuration, you can enter the wifi name and password that the machine needs to connect to (as shown in Figure 7). After clicking Next, the machine will automatically connect to the device and complete the network configuration operation. The app interface will enter the waiting interface as shown in Figure 11. The above operations belong to the Android system. The interface display of the iOS app will be slightly different, but it is similar to the above process.

## Safety instructions

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

Please read this manual carefully Please keep this manual

Any operation inconsistent with this manual may cause damage to the product

## IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING ROBOTIC VACUUM CLEANER

### WARNING

– To reduce the risk of fire, electric shock, or injury:

01. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
02. Do not use outdoors or on wet surfaces
03. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
04. Use only as described in this manual. Use only manufacturer's recommended attachments.
05. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
06. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord round sharp edges or corners. Do not run appliance over cord. Keep cord away from heated Surfaces.
07. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
08. Do not handle plug or appliance with wet hands.
09. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
10. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
11. Turn off all controls before unplugging.
12. Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
13. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
14. Do not use without dust bag and/or filters in place.
15. For use only with \_\_H680JCB\_\_ Intelligent Sweeping Robot Dust Collector.
16. Place the cords from other appliances out of the area to be cleaned.
17. Do not operate the vacuum in a room where an infant or child is sleeping.
18. Do not operate the vacuum in an area where there are lit candles or fragile objects on the floor to be cleaned.
19. Do not operate the vacuum in a room that has lit candles on furniture that the vacuum may accidentally hit or bump into.
20. Do not allow children to sit on the vacuum.
21. Do not use the vacuum on a wet surface.

## Safety instructions

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**WARNING:** Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- 01.Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.
- 02.Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- 03.Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- 04.Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- 05.Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- 06.Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- 07.Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- 08.Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- 09.Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.
- 10.To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.
- 11.SERVICING OF DOUBLE-INSULATED APPLIANCES

## SAVE THESE INSTRUCTIONS

During storage:

Cleaning and drying: Before long-term storage, please wipe the surface and wires of the appliance clean with a soft cloth and ensure that they are completely dry.

- Properly wrap wires: Avoid wrapping wires too tightly, as this may cause damage to the internal wires. It is recommended to use loose curling or specialized cable managers to organize wires.
- Choose a suitable location: Find a place with moderate temperature, low humidity, and no direct sunlight to place the appliances. Avoid humid environments, as moisture may cause electrical components to rust; At the same time, stay away from sharp objects to prevent scratches.
- Proper packaging: If conditions permit, the equipment can be returned to its original packaging box or wrapped in a protective bag to prevent dust accumulation.

Instructions for wire care during use:

- Regular inspection: Regularly check the power cord for signs of wear, cracks, or other damage. Once a problem is discovered, immediately stop using the equipment and seek professional repair.
- Gentle handling: When moving devices with wires, be careful not to forcefully pull or twist the wires, as this can cause damage to the internal structure.

Safe placement: Ensure that wires are not pressed by furniture and do not let them come into contact with heat sources, such as near radiators. In addition, when plugging or unplugging the plug, one should grip the plug itself instead of pulling on the wire part.

Only use official accessories: Always use the manufacturer's original charging cable and other accessories, non certified products may pose safety hazards.

## Safety instructions

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# IMPORTANTES MESURES DE SÉCURITÉ

L'utilisation d'un appareil électrique demande certaines précautions, dont les suivantes:  
LIRE TOUTES LES INSTRUCTIONS AVANT D'UTILISER ASPIRATEUR ROBOTIQUE

**AVERTISSEMENT:** pour réduire le risque d'incendie, de choc électrique ou de blessure:

01. Ne pas laisser l'appareil sans surveillance lorsqu'il est branché. Le débrancher lorsqu'il n'est pas utilisé et avant le dépannage.
02. Ne pas utiliser à l'extérieur ou ne pas aspirer de déchets humides.
03. Ne pas laisser les enfants jouer avec l'appareil ou s'en servir sans surveillance. Redoubler d'attention s'il y a des enfants à proximité lorsqu'on utilise l'appareil.
04. Utiliser l'appareil en respectant les consignes de cette notice d'emploi et n'utiliser que les accessoires recommandés par le fabricant.
05. Ne pas utiliser l'appareil si le cordon ou la fiche est endommagé. Retourner l'appareil à un atelier de réparation s'il ne fonctionne pas normalement, s'il a été échappé, s'il est endommagé, s'il a été oublié à l'extérieur ou immergé.
06. Le cordon ne doit pas être utilisé comme une poignée ou pour tirer, traîner ou soulever l'appareil. Ne pas faire passer l'appareil sur le cordon ; ne pas coincer le cordon dans l'embrasure en refermant les portes ni tirer dessus à l'angle d'un mur ou d'une autre arête vive et le tenir à distance des surfaces chaudes.
07. Ne pas tirer sur le cordon pour débrancher l'appareil; tirer plutôt sur la fiche.
08. Ne pas toucher la fiche du cordon ou l'appareil avec les mains humides.
09. Ne pas insérer d'objet dans une ouverture quelconque de l'appareil. Ne pas utiliser l'appareil lorsqu'une ouverture est bloquée et enlever la poussière, la peluche, les cheveux, etc., qui peuvent gêner le débit d'air. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
10. Veiller à bien se garder – doigts, cheveux, vêtements amples – à distance des ouvertures et des pièces mobiles.
11. Mettre toutes les commandes en position d'arrêt avant de débrancher l'appareil.
12. Ne pas se servir de l'appareil pour aspirer des liquides combustibles ou inflammables comme de l'essence ou dans un endroit où il peut y avoir de tels liquides.
13. Doit être branché sur une prise de courant avec mise à la terre. Voir les instructions de mise à la terre.
14. Ne pas aspirer tout ce qui est en train de brûler ou de fumer, comme des cigarettes, allumettes, ou de cendres chaudes.
15. Ne pas utiliser l'appareil sans filtre ou sans sac à poussière.
16. pour une utilisation uniquement avec —H680JCB—capteur de poussière Intelligent de Robot de balayage.
17. Éloigner les cordons d'autres appareils de la zone à nettoyer.
18. Ne pas utiliser l'aspirateur dans une pièce où un nourrisson ou un enfant dort.
19. Ne pas utiliser l'aspirateur dans un endroit où il ya des bougies allumées ou des objets fragiles sur le plancher à nettoyer.
20. Ne pas utiliser l'aspirateur dans une pièce où il ya des bougies allumées sur les meubles que l'aspirateur peut heurter ou se cogner accidentellement.
21. Ne pas laisser les enfants s'asseoir sur l'aspirateur.
22. Ne pas utiliser l'aspirateur sur une surface mouillée.



## Safety instructions

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### AVERTISSEMENT:

Lire toutes les mises en garde et toutes les instructions. Le non-respect des mises en garde et des instructions peut causer des chocs électriques, des incendies et/ou des blessures graves.

- 01.Éviter une mise en marche accidentelle. S'assurer que l'interrupteur est à la position arrêt avant de raccorder la batterie, de lever ou de déplacer l'appareil. Transporter l'appareil en gardant un doigt sur l'interrupteur, ou mettre sous tension un appareil dont l'interrupteur est à la position marche peut causer un accident.
- 02.Recharger uniquement avec le chargeur prescrit par le fabricant. Un chargeur convenant à un type de batterie peut présenter un risque d'incendie lorsqu'il est utilisé avec une autre batterie.
- 03.Utiliser uniquement les batteries recommandées pour l'appareil. L'utilisation d'autres types de batteries peut présenter un risque de blessure ou d'incendie.
- 04.En condition d'usage abusif, du liquide peut s'échapper de la batterie ; éviter tout contact avec ce liquide. En cas de contact accidentel, rincer abondamment avec de l'eau. En cas de contact avec les yeux, consulter également un médecin. Le liquide projeté peut causer des irritations ou des brûlures.
- 05.Ne pas utiliser une batterie ou un appareil endommagé ou qui a été modifié. Des batteries endommagées ou modifiées peuvent avoir un comportement imprévisible pouvant causer un incendie, une explosion ou un risque de blessure.
- 06.Ne pas exposer une batterie ou un appareil à la flamme ou à des températures excessives. L'exposition à une flamme ou à des températures supérieures à 130 °C peut causer une explosion.
- 07.Respecter toutes les instructions de chargement et ne pas charger la batterie ou l'appareil à des températures qui ne sont pas incluses dans la gamme de températures indiquées dans la notice d'instructions. Un chargement mal effectué.
- 08.Confier les réparations à une personne qualifiée qui utilisera uniquement des pièces de remplacement identiques. Cette façon de faire garantira la sécurité du produit.
- 09.Ne pas modifier ni tenter de réparer l'appareil ou la batterie (selon le cas) sauf comme il est indiqué dans les instructions d'utilisation et d'entretien.
- 10.Pour réduire le risque de choc électrique, cet appareil est muni d'une fiche polarisée (une des lames est plus large que l'autre). Cette fiche ne peut être insérée dans une prise polarisée que si elle est orientée dans le bon sens. Si elle ne peut pas être insérée dans un sens, inverser la fiche dans l'autre sens. Si elle ne peut toujours pas être insérée dans la prise, faire installer la prise appropriée par un électricien compétent. Ne pas modifier la prise en aucune façon.
- 11.ENTRETIEN DES APPAREILS À ISOLATION DOUBLE

## CONSERVER CES INSTRUCTIONS

## Safety instructions

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### Warning

01. Do not disassemble, repair or modify the machine by yourself, otherwise the product will be damaged and dangerous.
02. Do not use this product in an environment where fire or explosion may occur.
03. This product can only use the original power cord, otherwise it may cause damage to the product and fire.
04. It is prohibited to stand or sit on this product, otherwise it may cause product damage or fall.
05. If there is dust around the metal part of the power plug, be sure to wipe it clean with a dry cloth.
06. The base station uses (USA 120V) (EU 230~240V) AC voltage, please insert the plug into the socket correctly to avoid children touching it.
07. It is forbidden to wash or soak the host and electronic components in water, otherwise it will cause short circuit damage.
08. Do not damage the processing power cord, do not put heavy objects on the power cord, heat the power cord or pull or bend the power cord.
09. When the product is running and cleaning, please pay Note to the safety of young children and the elderly to avoid tripping and danger. Do not touch the wheels and side brushes with your hands to avoid getting entangled and causing injuries. (Children should pay special Note).
10. This product is for indoor use only. Please do not use it outdoors.
11. Do not use metal or conductive materials to contact the battery contacts, otherwise a short circuit may occur.

### Note

01. Do not touch with wet hands, otherwise it may cause electric shock.
02. Do not place this product in a place where it may fall, such as on a high platform in a room with tables or chairs.
03. This product is a precision electronic device and should be avoided from prolonged exposure to sunlight.
04. Do not use this product in a humid environment, such as a bathroom.
05. Do not place this product near cigarette butts, lighters or other open flames.
06. Please clean this product after charging.
07. Please turn off the machine if it is not used for a long time.
08. Please check carefully whether the power cord is connected to the socket before use, otherwise the machine will not be able to charge.
09. Laser standard: IEC-60825; Grade: class I; Wavelength: 930-950nm, Laser radiation power: 120nJ.
10. This device is only for normal people over 8 years old. Users must not use or maintain the device without fully understanding the safe use of the device or if they lack physical sensory, mental or other abilities.
11. Before using this product, please remove all fragile items on the ground, such as glasses, lamps, and items that may get entangled in the side brush and suction channel, such as wires and curtains.
12. Do not use machines to clean construction waste.
13. The operating temperature range of this product is 0 degrees Celsius to 40 degrees Celsius. Do not use it in high or low temperature environments. (Battery storage temperature: -20~50 °C)
14. Please remove the battery from the product before scrapping. Make sure the product is not connected to the power supply when removing the battery. Please recycle the discarded battery safely and environmentally friendly.

## Safety instructions

### Safety precautions for rechargeable

#### ⚠ Dangerous

01. Be sure to use a dedicated battery adapter, otherwise it will cause leakage, heating or rupture.
02. Never short-circuit or disassemble the battery, otherwise it will cause leakage, heating or rupture.
03. Do not transport or store it together with metal objects such as necklaces and hairpins, otherwise it will cause a short circuit and cause leakage, heating or rupture.
04. Never throw the battery into fire or heat the battery, otherwise it will cause leakage, heating or rupture.

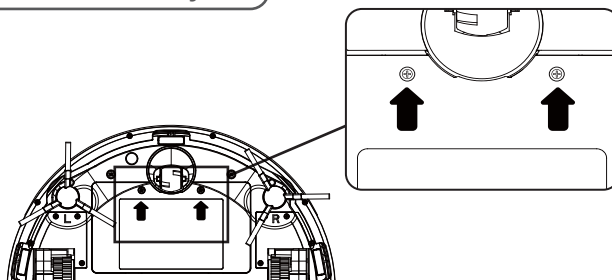
#### ⚠ Note

01. If you find abnormal overheating during charging, please stop using it immediately, otherwise it will cause leakage, heating or rupture.
02. To extend the battery life, please unplug the battery when not in use for a long time and place it in a cool and dry environment, otherwise it will cause leakage, heating or rupture.
03. Do not immerse in water or contact with liquid, otherwise it will leak, heat up or rupture.
04. Please stop using the product if any abnormality (such as discoloration or deformation) occurs, otherwise it may cause leakage, heating or rupture.
05. When recycling or disposing of the product, be sure to insulate the electrode using tape, etc.
06. If the battery leaks, please wipe it clean with a dry cloth and recycle or discard it in time.
07. If the battery leaks, please wipe it clean with a dry cloth and recycle or discard it in time.

#### ⚠ Warning

01. If battery leakage comes into contact with skin or clothes, be sure to rinse with clean water immediately. If left untreated, it may cause skin inflammation and other problems.
02. Do not use the rechargeable battery of this product on other devices. This battery is only suitable for smart sweeping robots.
03. If the battery box is deformed, expanded, and the electrolyte leaks out, it is forbidden to charge or continue to use it to avoid danger.
04. Do not hit the battery strongly or throw the battery, otherwise it will cause leakage, heating or rupture.
05. Do not disassemble the battery pack, otherwise it will cause the battery pack to rupture and the electrolyte to leak out, causing dangers such as fire and explosion.

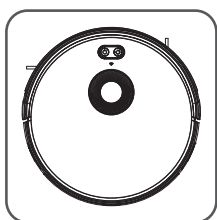
### How to remove the battery



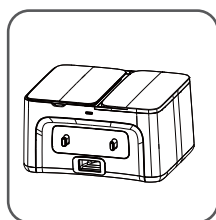
01. Use a screwdriver to remove the two screws on the battery cover.
02. Remove the battery cover.
03. Remove the battery, unplug the wires, and remove the battery.

## Product composition

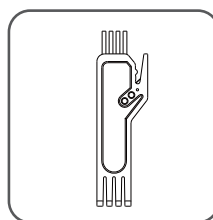
### 3.1Part name



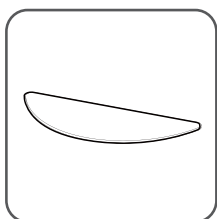
Main Body



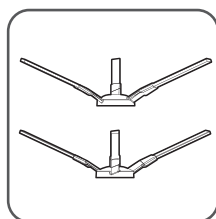
Dust Collector



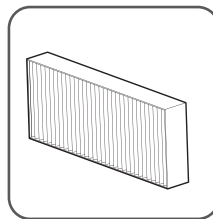
cleaning tools



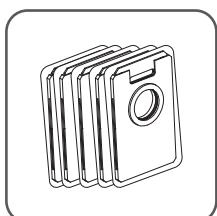
Mop



Side brush



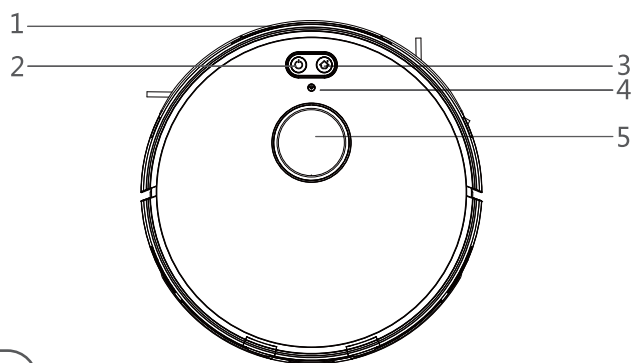
High efficiency filter



Dust bag

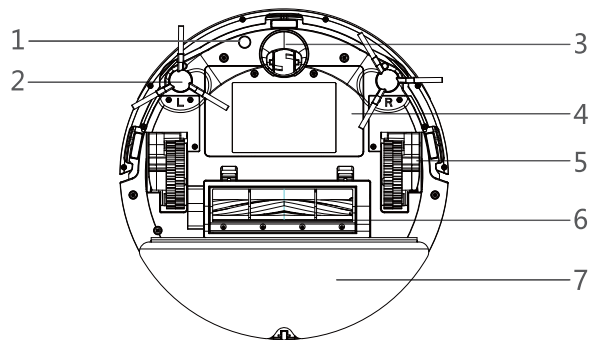
The accessories are slightly different. Please refer to the actual product received.

Product composition



Main Body

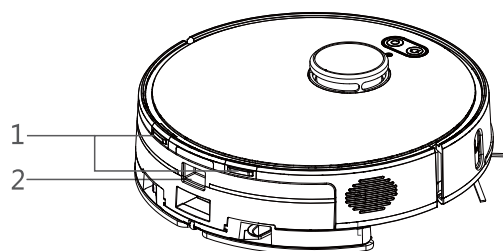
- |                  |                    |                   |
|------------------|--------------------|-------------------|
| 1.Bumper         | 2.Clean button     | 3.Recharge button |
| 4.WIFI indicator | 5.Laser components |                   |



Main Body

- |                              |                          |                          |                  |
|------------------------------|--------------------------|--------------------------|------------------|
| 1. Carpet recognition sensor | 2. Side brush            | 3. Universal wheel       | 4. Battery cover |
| 5. Side wheel                | 6. Roller brush assembly | 7. Two-in-one water tank |                  |

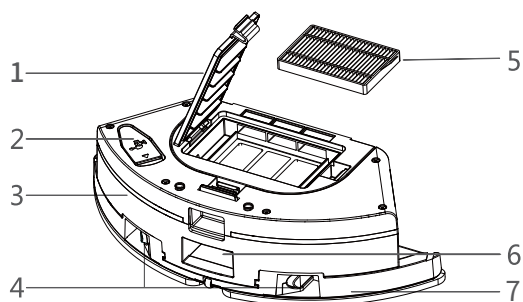
## Product composition



### Main Body

1. Charging electrode

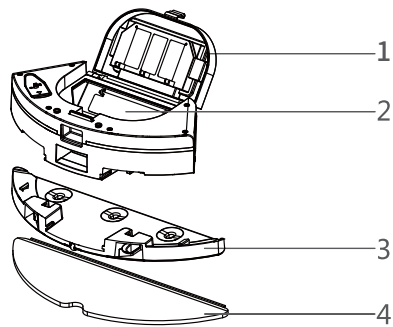
2. Two-in-one water tank release button



### Two-in-one water tank assembly

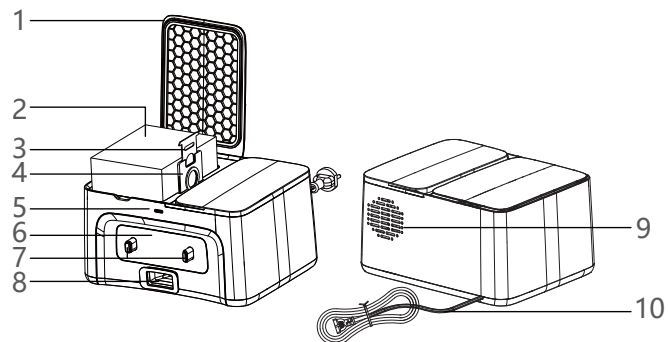
1. Dust box cover   2. Water tank sealing plug   3. Water storage tank   4. Tray release button  
5. HEPA   6. Dust box suction port   7. Tray assembly

## Product composition



### Two-in-one water tank assembly

1. Dust box cover    2. Dust box    3. Mop holder    4. Mop



### Dust Collector

1. Cover    2. Dust bag    3. Dust bag handle    4. Dust bag guide plate  
5. Status indicator    6. Infrared receiver    7. Charging terminal    8. Dust box suction port  
9. Dust collection outlet    10. Power cord

## Product composition

### 3.2 Product parameters

#### Structure

Diameter of the main body	330mm
Thickness of the main body	100mm
Net weigh of the main body	3.5kg

#### Electronic

Voltage	14.4V / 14.6V
Battery capacity1	2550mAh
Battery capacity2	2600mAh
Battery capacity3	5100mAh
Battery capacity4	5200mAh
Main body button type	LED button
Hardware version	V1.1

#### Accessory

Water tank capacity	350ml
Dust box capacity	250ml
Cleaning cloth (polyester cotton)	295X100X5mm

#### Process Parameters

Charging Type	Manual/Automatic
Operating Duration	Approx 160min
Charging duration	Approx 360min
Base station rated input	USA 120V~60Hz
Base station rated input	EU 230~240V~50/60Hz
Base station rated output	19V --- 1A
Software version	10083265

The software and hardware versions will be upgraded based on the optimization of the functions of the randomizer without affecting product certification. Please refer to the actual product version.



## Product composition

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Robotic vacuum cleaner		
	Frequency Range(MHz)	Maximum Conducted Output Power (dBm)
2.4G WIFI	2412-2462	23.6
BLE	2402-2480	7.2

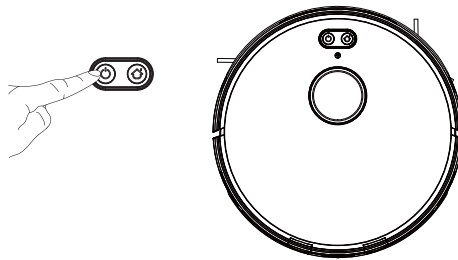
## Product composition

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### 3.3Product features

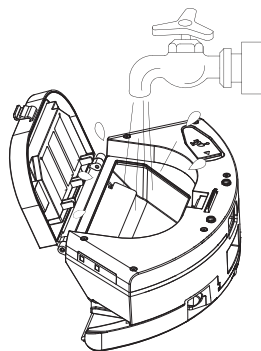
#### Intelligent cleaning adjustment

This product can adjust the cleaning mode through the APP according to different cleaning modes, which greatly improves the cleaning efficiency and saves 30% of electricity.



#### Humanized design

The operation is simple and easy to use. Just press the "Control" button to control the machine! Follow the prompts and let the machine start working for you!

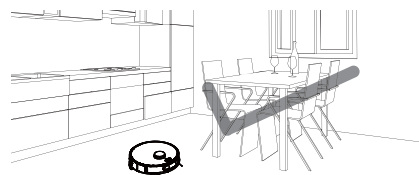
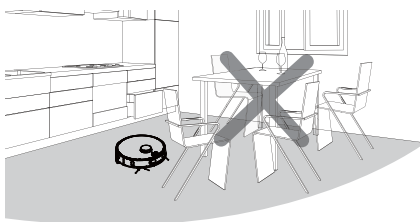


#### The trash box can be rinsed with water

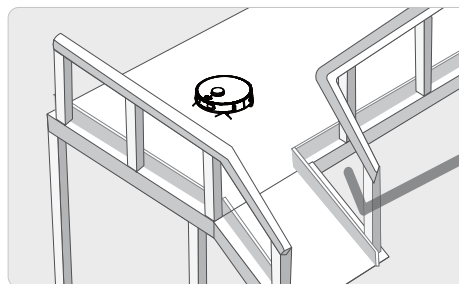
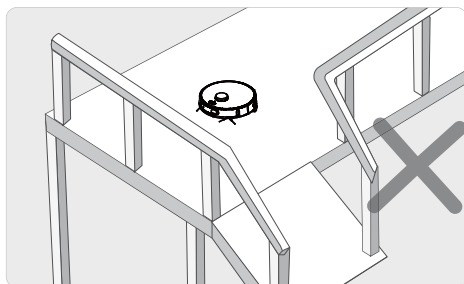
The trash box and primary filter can be directly washed with water without spending too much labor on you, and washing the trash box with water can prevent dust from flying!

## Instruction manual

### 4.1 Things to note



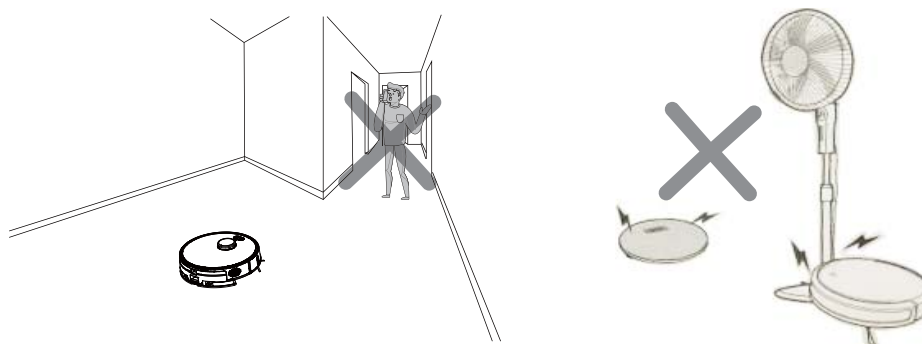
When it is working, please help to remove the unfriendly obstacles. Put the furniture and home appliances such as tables and chairs in the house neatly, the robot will clean up smoothly to give you a clean new home.



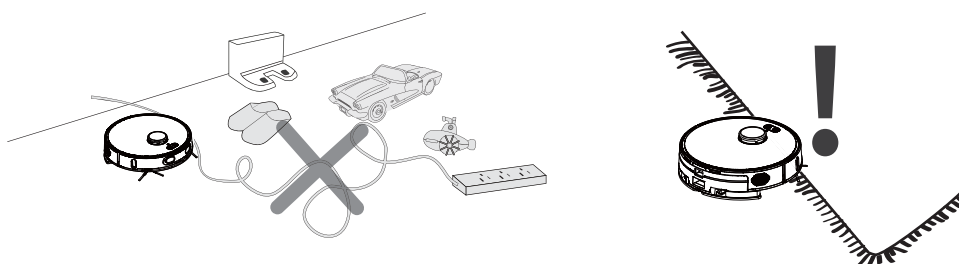
If the robot works at the stairway, the edge of the step, or the entrance to the narrow area among the furniture, slope etc, please place a fence to ensure it is safe and running smoothly.

## Instruction manual

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Please do not stand in narrow places such as thresholds and aisles to avoid missing sweeping. When the robot is working, please ensure that the object with the thickness less than 1.8 cm is not placed in the cleaning area to prevent the machine from climbing and jamming.

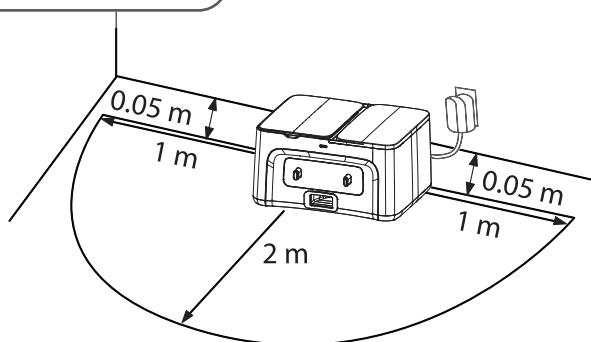


Power cords, toys and other debris scattered on the ground may trip or entangle the host, so be careful to remove the debris.  
Before cleaning the carpet, please remove the drag board assembly of the two-in-one water tank.

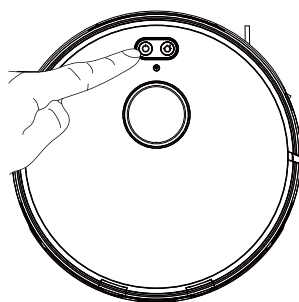
## Instruction manual

### 4.2 Operation Guide

#### Place the charging station



Place the charging stand flat against the wall. Do not place any objects within 1M to the left and right and 2M in front of it, and do not place objects with strong reflective surfaces such as mirrors. The excess length of the power cord should be tied with zip ties to prevent it from being too long and tripping people and animals, causing unnecessary injury or loss.

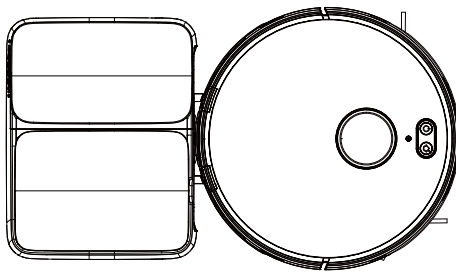


Press and hold the cleaning button for 3 seconds to turn on the device.

## Instruction manual

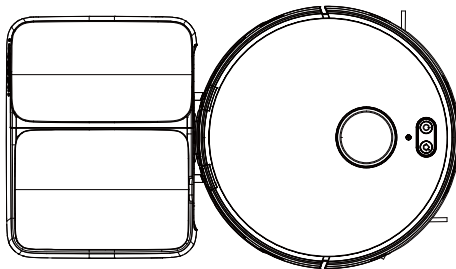
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### Power on and charge



In any mode, select the recharge button on the robot or APP to automatically recharge the device.

### Automatic charging



This product complies with the European ERP energy consumption standard.

When cleaning is complete or the battery is too low, the machine will automatically start looking for the dust collector to charge. Please keep the dust collector powered on, otherwise the machine will not be able to find the dust collector to charge.

## Instruction manual

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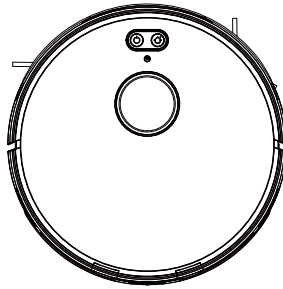
### Charging instruction

01. When using the machine for the first time, please let the machine run out of power.
02. Please fully charge the machine for 12 hours for the first time. When the machine is charging, the control button will flash in a cycle. When charging is complete, the control button light will stay on. When it enters sleep mode, the light will go out.
03. If you do not use the machine for a long time, please turn it off.
04. After the power is used up, please recharge the machine as soon as possible.
05. This product can only be charged with the dust collector provided by the factory.
06. The battery is repaired and replaced by the after-sales department.

## Instruction manual

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### Mode switching



#### Power on

01. Long press the "⏻" on the machine to turn on or turn off the machine.
02. Press the "⏻" control button on the machine or the cleaning button on the APP to start the machine working.

#### Pause

Pause means switching the machine from working state to selection mode. The following operations can be used to pause the machine:

01. Press the "⏻" control button on the machine to pause the machine.
02. Press the pause button on the APP to pause the machine.

Note: After the machine is paused, it can be operated again.

#### Network distribution mode

Long press the "🔗" control button on the machine to put the machine into network configuration mode.

#### Hibernation

Sleep mode means the machine is in a stopped state and the control button lights are off.

If the machine is not operated for 10 minutes, it will automatically enter sleep mode.

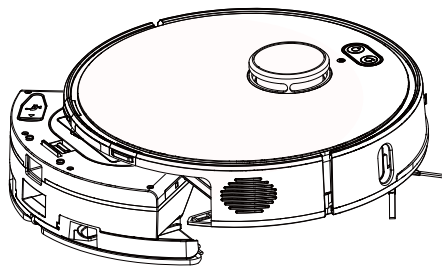
Note: If the machine is not used for a long time, please turn it off.



## Instruction manual

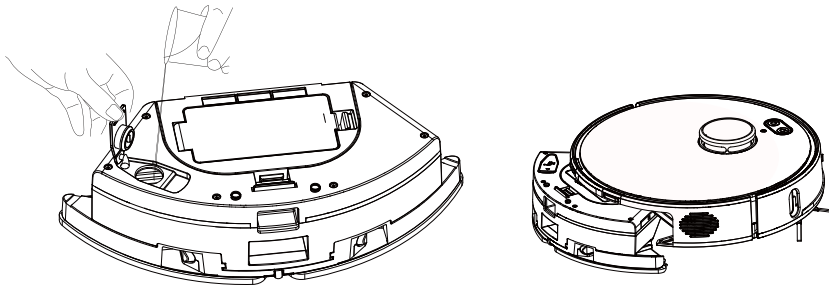
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### Water tank filling



#### Remove the water tank assembly

Press the two-in-one water tank release button at the rear of the host and take out the two-in-one water tank.



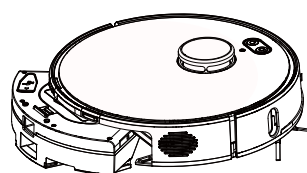
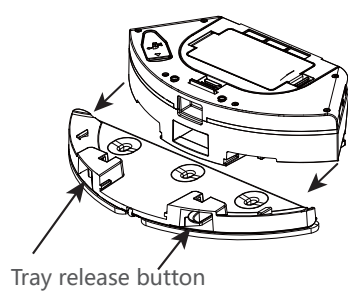
#### Add water

Open the water tank sealing plug and slowly pour water into the water tank. Close the water tank sealing plug tightly and then put it back into the machine.

## Instruction manual

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### Cleaning Carpets



#### Remove the carriage assembly

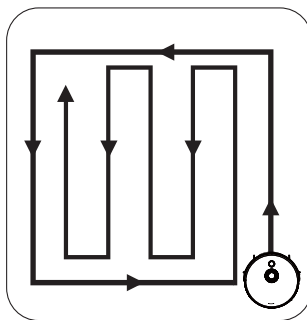
Press the two sides of the tray to release the tray and pull out the tray.  
Before cleaning the carpet, please remove the tray assembly of the two-in-one water tank and then reinstall it into the machine.

## Instruction manual

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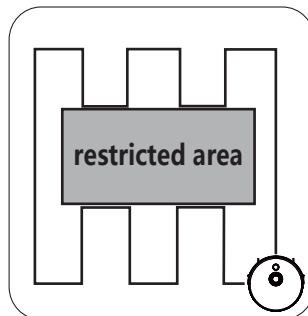
### Cleaning mode

#### Plan Cleaning



The robot will perform the plan will clean along the cleaning in S shape according to the room environment.

#### Setting Forbidden Area

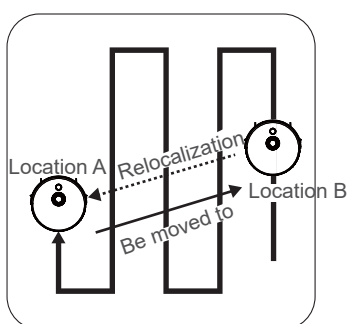


Only available by App control, After setting the forbidden area, the robot will not enter the forbidden area of the room.

## Instruction manual

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### Laser relocation

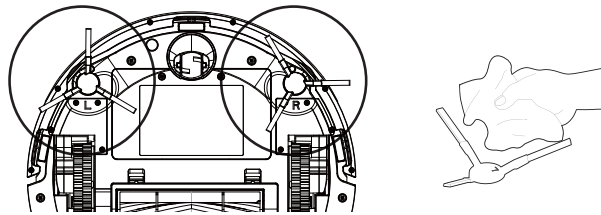


In the process of cleaning, if you move the sweeper to a new place after suspension, and restart it, it seeks to relocate. If the relocation is successful, the sweeper continues to clean. If it fails, the previous cleaning map will be lost, it will restart a new cleaning.

## Product maintenance

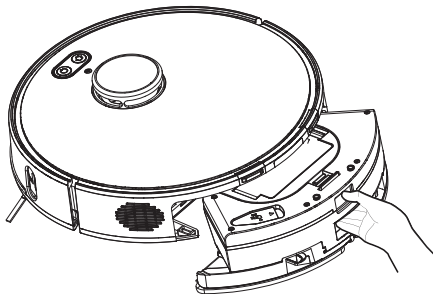
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### 5.1 Side brush cleaning and replacement



Check the condition of the side brush from time to time to see if it is damaged or entangled with foreign objects. Clean the side brush with a cleaning tool or rag. When the side brush is damaged and cannot be used, please replace it in time. L and R correspond to each other.

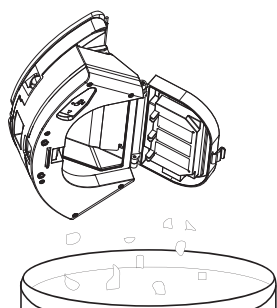
### 5.2 Two-in-one water tank maintenance



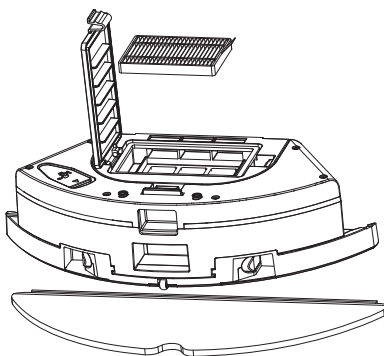
Press the two-in-one water tank release button to take out the two-in-one water tank.

## Product maintenance

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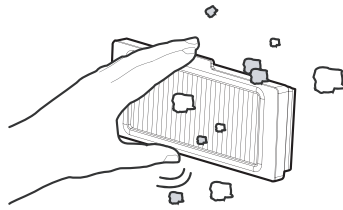
Open the dust box cover and dump the garbage.



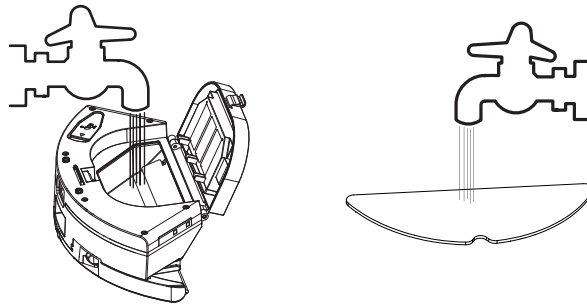
Open the dust box cover, take out the high-efficiency filter, and remove the mop.

## Product maintenance

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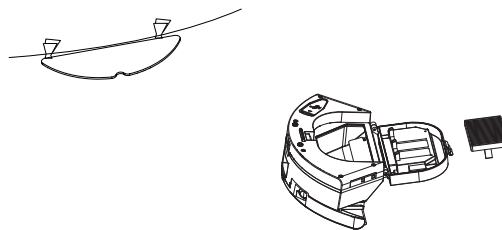
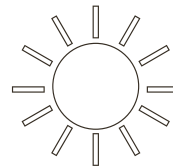


It is not recommended to wash the high-efficiency filter with water. Please tap it gently to remove dust.

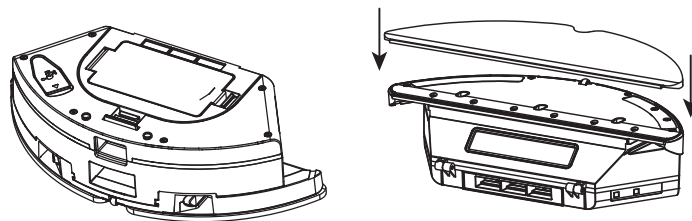


Rinse the dust box and mop clean.

## Product maintenance



Dry the dust box and filter components to ensure their service life.  
It is recommended to wash the two-in-one water tank after 15-30 days of use.  
The maximum service life of the high-efficiency filter is 3 months.

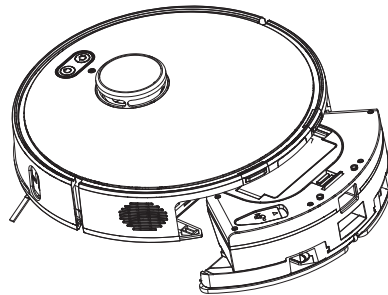


Put the primary high-efficiency filter and sponge back into the two-in one water tank, and then stick the mop to the tray.  
Before installation, make sure the dust box, high-efficiency filter, sponge and mop are dry.



## Product maintenance

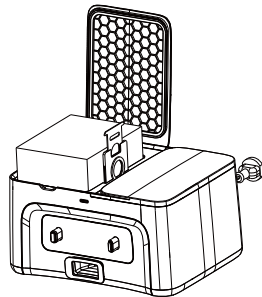
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Install the two-in-one water tank onto the host.

### 5.3Dust collector maintenance

#### Place dust bag

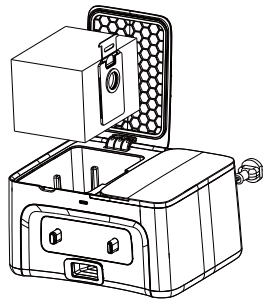


Open the dust collector cover, insert the dust bag guide plate into the dust bag position of the dust collector, and fully insert the dust bag handle into the dust bag guide plate. Close the cover.

## Product maintenance

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### Replace dust bag



Open the dust collector cover, pinch the dust bag handle and pull it upwards to separate the dust bag from the dust collector.

Then follow the steps for placing the dust bag and replace it with a new one.

### Indicator light description

The fast flashing red light indicates that the dust bag is not installed properly. Please check whether the dust bag is installed or installed properly.

The slow flashing red light indicates that the dust bag is full. Please replace the dust bag in time.

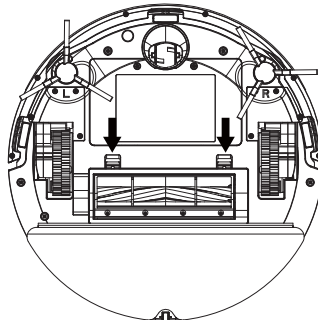
The constant white light indicates that dust collection is in progress.

The slow flashing white light indicates that the dust collector is idle or charging the robot.

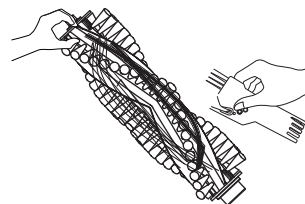
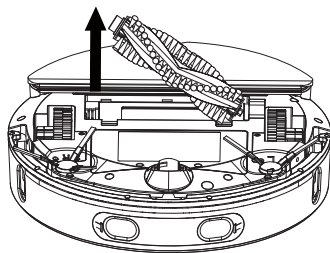
The fast flashing white light indicates that dust collection is completed.

## Product maintenance

### 5.4 Roller brush assembly



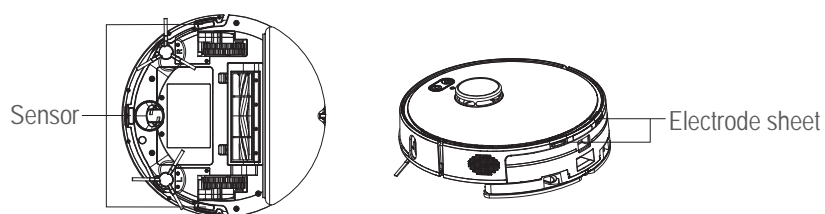
Open the brush cover assembly



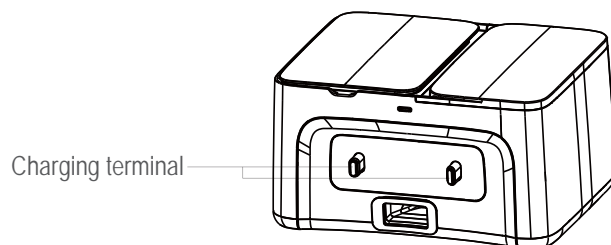
Take out the roller brush shaft and clean the debris and hair on it.

## Product maintenance

### 5.5 Other component



Use cleaning tools or dry soft cloth to gently wipe the charging electrode sheet and sensor window on the chassis of the machine from time to time.



Disconnect the power supply and clean the charging cradle terminals with a dry cleaning tool or soft cloth.

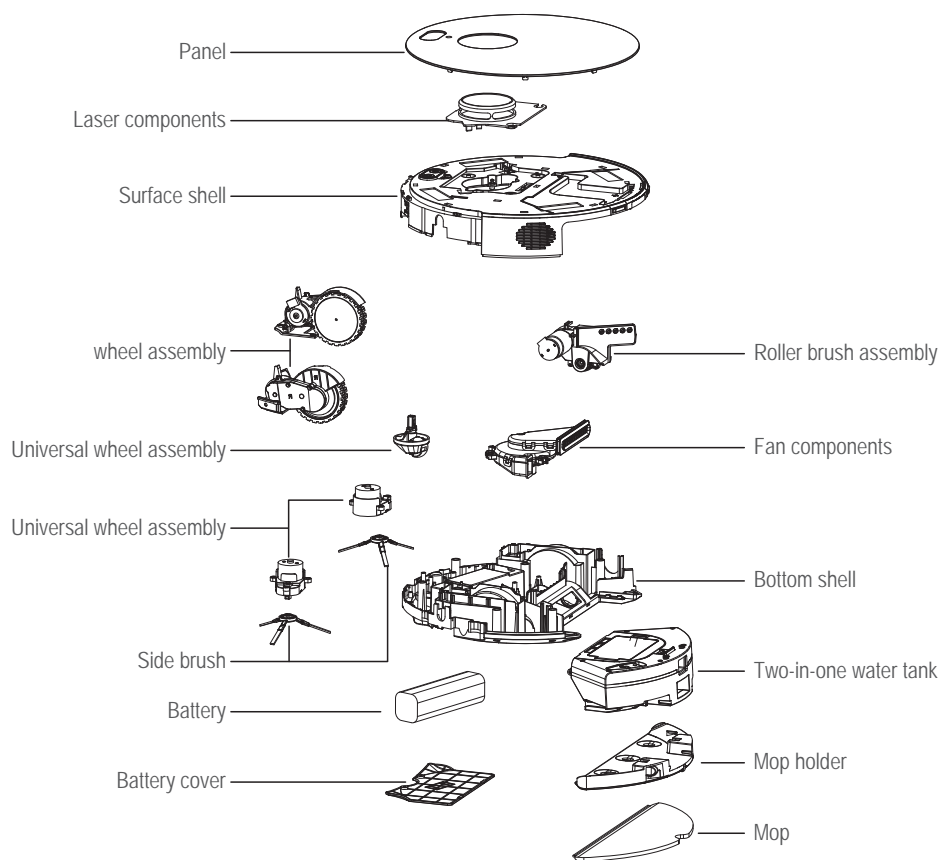
## Common malfunctions

### 6.1 Fault description

Fault conditions	Possible causes	Solution
Host cannot be charged	The charging electrodes of the main unit and the dust collector are not in full contact.	Make sure the host is fully connected to the charging electrode of the dust collector.
	The power of the dust collector is turned off, but the host is turned on, resulting in power consumption.	When the host is not working, it is recommended to keep it charged so that it can work better next time.
Host cannot be charged	The host is entangled and blocked by scattered wires, drooping curtains or carpet edges on the ground.	The Host will try various methods to get out of trouble autonomously. If it fails to get out of trouble, it is recommended to help manually.
The cleaning is not completed, the Host returns to charge	The Host can sense low battery during operation and automatically return to charge.	Charge the host.
	The host's working speed and duration are different for wooden floors, tiles and other flat floors.	The Host's working time varies depending on the complexity of the room, the amount of garbage, and the cleaning mode.
Host does not automatically clean according to the scheduled time	The Host is not turned on. The Host cannot work on its own at the agreed time when it is turned off.	Press and hold the cleaning button on the machine to turn on the Host.
	The host is low on power.	When the Host is in standby mode, it should be kept on the charging dock to ensure that it has sufficient power to work at any time.
	The host components are clogged and entangled with garbage.	Turn off the power, clean the dust box, and turn the bottom of the Host upwards. Clean each component separately.
	The host is in Do Not Disturb mode	Check whether the Do Not Disturb mode switch is turned on in the smart cleaning settings of the app.
When the Host is working, there are problems such as missed sweeps, disordered routes, deviations, and irregular and untidy display of the cleaning map on the APP.	The drive wheel may slip on the ground when the host climbs small steps, thresholds, and door strips, thus affecting the host's judgment of the whole house working environment.	It is recommended to close the door of the area and clean the area separately. The Host has the function of self-identifying a single room and will return to the starting point after cleaning. Please feel free to use it.
	Working on a newly waxed, polished floor or smooth floor tiles will reduce the friction between the drive wheel and the ground	It is recommended that you wait until the floor wax is dry before cleaning.
	Objects such as wires and slippers placed on the ground will affect the normal operation of the host	Before the host starts working, please tidy up the scattered wires, slippers and other objects on the ground to reduce the scattered items on the ground as much as possible.

## Common malfunctions

### 6.2 Replaceable modules



#### Scope of application

This product is suitable for cleaning homes, hotel rooms, and small offices. It has a good cleaning effect on various short and long carpets (carpet hair less than 1.5 cm), wooden floors, hard floors, and tiles.

#### FCC compliance statement

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.

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

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 and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

