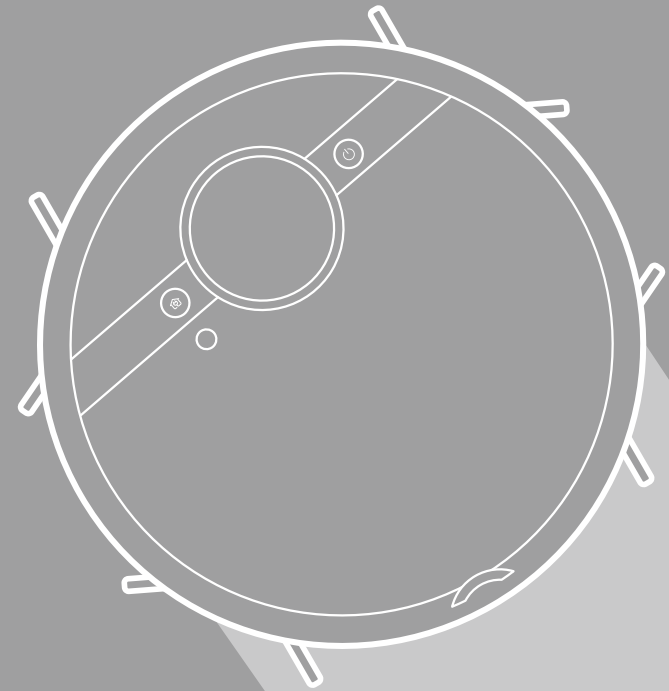




ROBOT VACUUM CLEANER

# M7/M7 Pro



ROBOT VACUUM CLEANER

Please review this instruction manual before operating and keep it properly.

# CONTENTS

## STRUCTURE OF THE PRODUCT 01

---

Assembly and parts description	01
Parts list	01

## SAFETY INSTRUCTIONS 03

---

Technical data	03
Warning	03
Safety Instructions	03

## PRODUCT OPERATION 06

---

Function Of Buttons	06
Start/Pause/Shut Down	06
Start/Pause/Shut Down	06
Recharge	06
Reset	06
Installing the Side Brushes	07
Charging Robot Vacuum	07
Cleaning	08
Mopping	09
Using APP	10
M-smartLife App Quick Guide	11

## MAINTENANCE 12

---

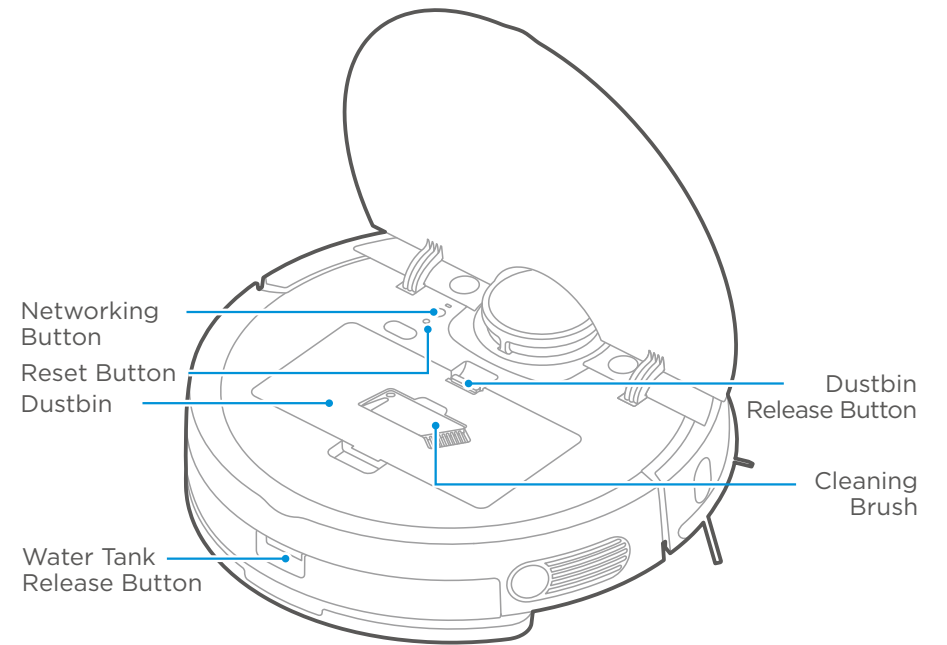
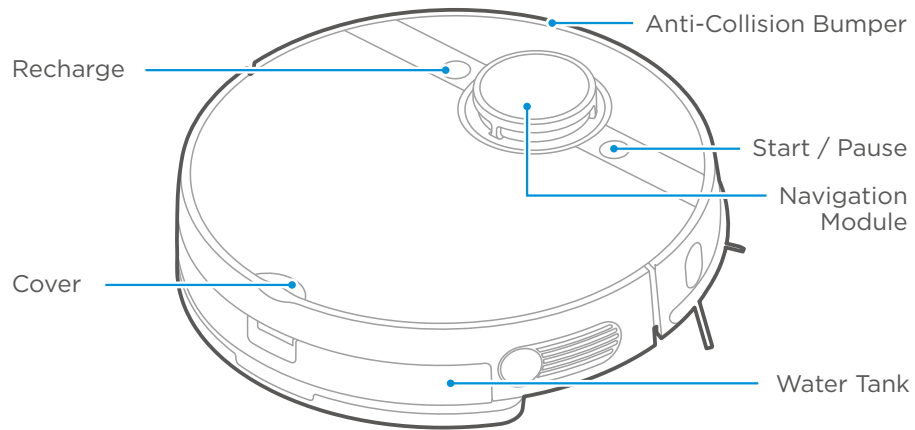
Cleaning the Side Brush	12
Cleaning the Dustbin, Sponge and Filter	12
Cleaning the Water Tank	13
Cleaning the Sensor and Wheel	14
Cleaning the Charge Terminal	14
Cleaning the Brushroll	15

## FAQs 16

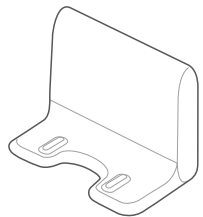
---

# STRUCTURE OF THE PRODUCT

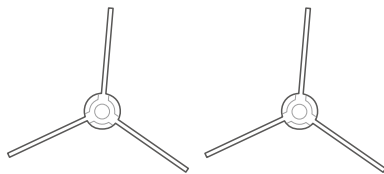
## Assembly and parts description



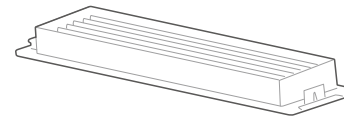
## Parts list



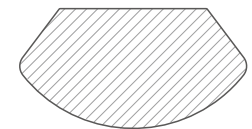
Charging Base x1



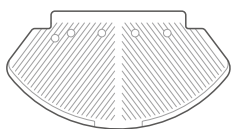
Side Brush x2 Pairs



HEPA Filter x1



Mop Cloth x1



Mop Cloth Holder x1



Power Cable x1



Cleaning Brush x1



Manual x1



Vibration Mopping Assembly x1

only for M7 Pro

# SAFETY INSTRUCTIONS

## Technical data

- 1 Charging Base Model: M7-DS
- 2 Charging Base Input: 100-240V~,50-60Hz,38W
- 3 Charging Base Output: 16.9V  $\approx$ 2A
- 4 Battery Model:BP14452A 4ICR 19/65-2
- 5 Battery Rated Voltage: 14.4V $\approx$
- 6 Battery Capacity: 5200mAh 74.88Wh

## Warning

- 1 Charging Base is only applicable to the product M7/M7 Pro
- 2 Children shall not play with the appliance
- 3 Cleaning and user maintenance shall not be made by children without supervision
- 4 Before charging, read the instructions.
- 5 For indoor use only, do not expose to water.
- 6 During charging, the appliance must be placed in a well-ventilated area.
- 7 If the cable is damaged, it should be replaced by the manufacturer, its service agent or qualified persons.
- 8 The battery charger is designed for charging the rechargeable battery provided by manufacturer.
- 9 Do not operate the appliance which has a damaged output cord or parts or plug.
- 10 Do not exceed the manufacturer's specifications when in use.
- 11 Always unplug the appliance when not in use for a long time.
- 12 No objects filled with liquids, such as vases, shall be placed on the appliance.

## Safety instructions

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

**READ ALL THE INSTRUCTIONS BEFORE USING.**

Failure to follow the warnings and instructions may result in electric shock, fire and/ or serious injury.

**WARNING-** To reduce the risk of fire, electric shock, or injury:

1. Do not use outdoors or on wet surfaces.
2. Do not allow to be used as a toy. Close attention is necessary when used by or near children, pets or plants.
3. Use only as described in this manual. Use only manufacturer's recommended attachments.
4. Do not use with damaged cord or plug. If appliance or charging base is not working as it should have been, been dropped, damaged, left outdoors, or dropped into water, please go to service center for solutions.

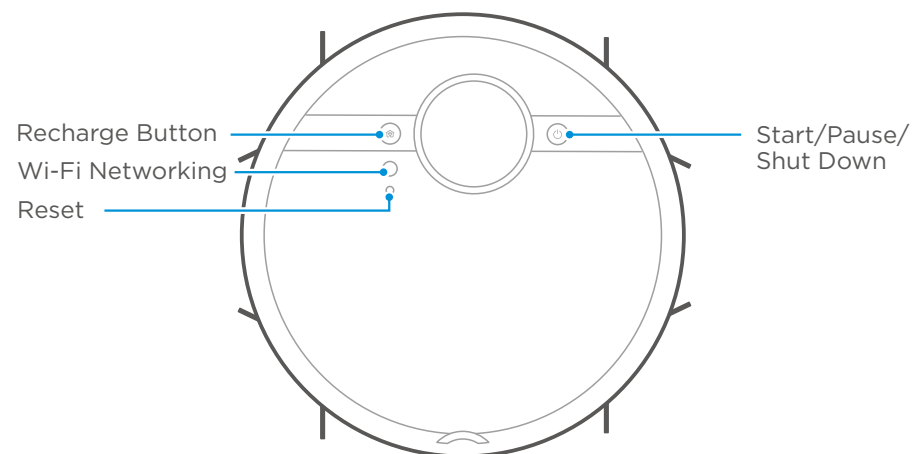
5. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
6. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
7. Do not handle charger, including charger plug, and charger terminals with wet hands.
8. Do not put any objects into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
9. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
10. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
11. Do not use without dustbin and /or filters in place.
12. Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally. Only qualified and authorized service center can disassemble the appliance for battery.
13. 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 connecting with another battery pack.
14. Use appliance only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
15. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
16. 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.
17. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified battery may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
18. Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
19. Do not use and store in extremely hot or cold environments (below 4°C or above 40°C). Please charge the robot in temperature above 4°C and below 40°C.
20. Follow all charging instructions and do not charge the battery pack or appliance outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
21. Having service performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
22. Do not modify or attempt to repair the appliance or the battery pack except as indicated in the instructions for use and care.
23. Place the cords out of the areas to be cleaned.
24. Do not operate the vacuum in a room where an infant or child is sleeping.

25. Do not operate the vacuum in an area where there are lit candles or fragile objects on the floor to be cleaned.
26. Do not operate the vacuum in a room that has lit candles on furniture that the vacuum may accidentally hit or bump into.
27. Do not allow children to sit on the vacuum.
28. Do not use the vacuum on a wet surface.
29. Do not use the Charging base if it is damaged.
30. Turn off the power switch before cleaning or maintaining the appliance.
31. The plug must be removed from the receptacle before cleaning or maintaining the Charging base.
32. Remove the appliance from the Charging base and turn off the power switch before removing the battery for disposal of the appliance.
33. If the robot will not be used for a long time, fully charge the robot and power OFF for storage and unplug the charger.
34. For use only with M7 and M7 Pro Charging base.
35. 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. Cleaning and user maintenance shall not be made by children without supervision.
36. Do not pour water or liquid on the appliance. It could increase the risk of Breaking apart or fire.
37. Do not use the appliance near a heater or combustible materials. Do not use the appliance near fire or flame such as a movable heater, a candlelight, a desk lamp, a fireplace etc. or in a place where combustible materials such as gasoline, alcohol, thinner etc. exist.
38. Make sure there are no dangerous objects around the the appliance's cleaning area to prevent collision and unplug any electric heaters or fans.
39. Do not use robot on black colored floors, the robot may not be able to operate normally.



## PRODUCT OPERATION

### Function of Buttons



#### Start/Pause/Shut Down

**Start:** Press and hold for 3s to hear a startup voice then the machine turns on.

**Pause:** Press one time and the machine will stop. Press again, the machine will start work again.

**Shut Down:** Please help to remove the machine from the charging base then press and hold for 3s to hear a shutdown voice and the machine will turn off.

#### Wi-Fi networking

Press for 3 seconds for Wi-Fi matching. Robot is in matching status if light is flickering.

#### Recharge

Short press for recharging.

#### Reset

Press "Reset" to restart the robot when it is out of work.

## Installing the Side Brushes

- 1 Turn the unit over.
- 2 With unit upside down, align side brush over brush post. Please keep the color of side brushes' same as each brush post's.
- 3 Press down side brush until it snaps in place.
- 4 Ensure side brushes can rotate freely.
- 5 Reference to fig1

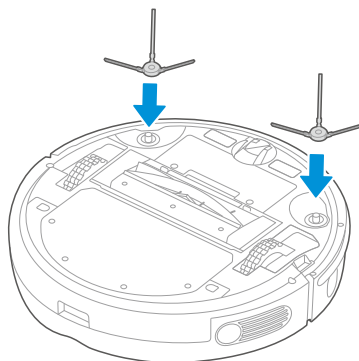


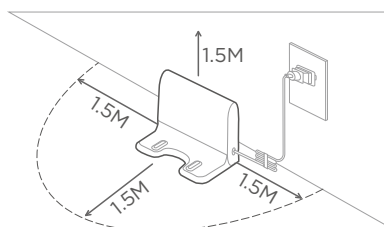
fig1

## Charging Robot Vacuum

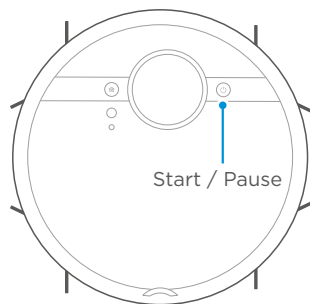
- 1 Put the charging base well:

Place the charging base against a wall and remove all of obstructions around the charging base, as shown in the figure below.

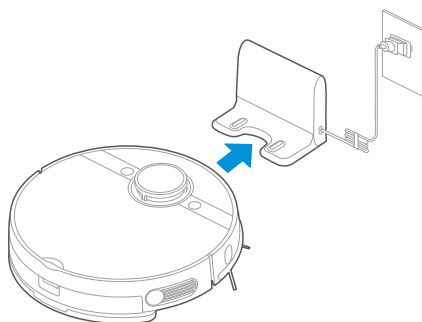
Please do not place the charging base on a carpet and keep the area dry. Also help to remove the mopping holder when it is charging.



- 2 Turn the power switch on.



- 3 Place vacuum on the charging base, ensuring the charging contacts are touching. A white light will start flashing, indicating the robot is charging. Charge for 12 hours before first use.



### NOTE

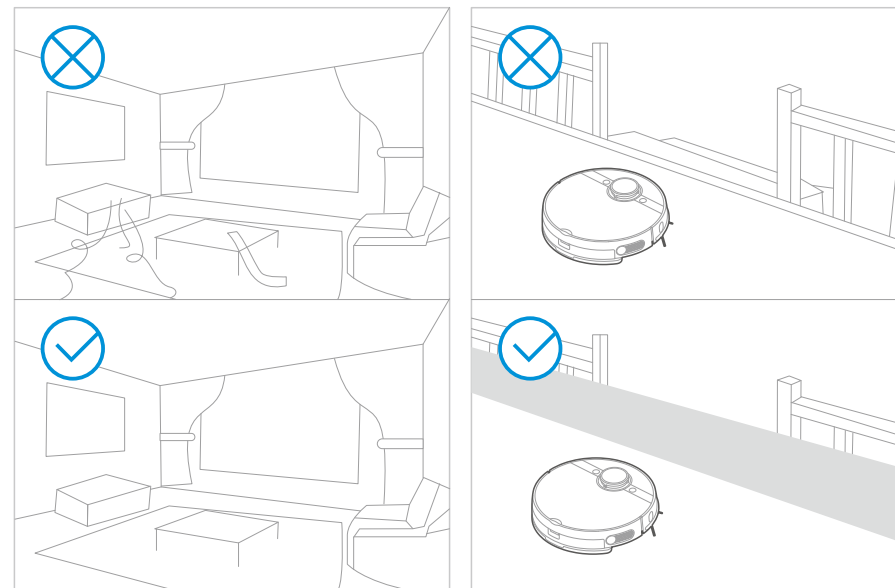
To effectively extend battery life, you should:

- 1 Please charge before first use;
- 2 When the battery is low power, please charge it as soon as possible;
- 3 If you do not use the appliance for an extended period of time, fully charge the battery and put it in a ventilated and dry place;
- 4 Charge the robot every 3 months if it is not used for a long time to protect battery;
- 5 This machine has automatic recharge function. In some special cases (such as battery is dead, the machine is stuck, etc.), the main unit may not be able to automatically recharge.

## Cleaning

Please clean up the wires and sundries scattered on the ground and remove valuable, fragile items that are easy to fall before cleaning.

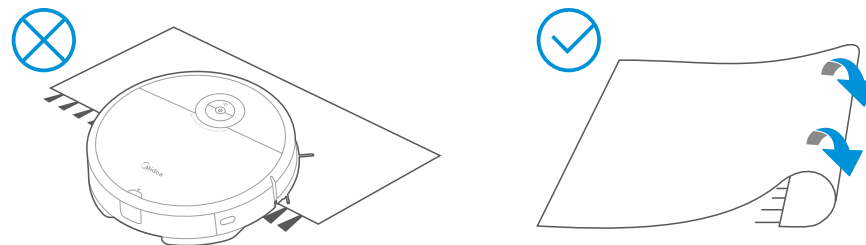
If there is a suspended environment in the clean area, please use objects to fix and block to avoid any potential harm.



It is recommended to follow the sweeping robot to find some possible problems during the first cleaning process. The robot can clean much more smoothly after that. If certain special areas do not need to be cleaned or the robot may be trapped, you can add a restricted area or virtual wall on the map in the APP to prevent the robot from entering the above special area.

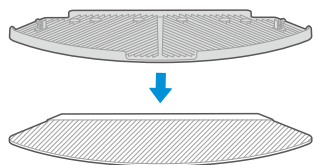
### NOTE

- 1 Do not use your robot on wet surfaces or surfaces with standing water. Before using the product on a rug with tasseled edges, please fold the rug edges under.

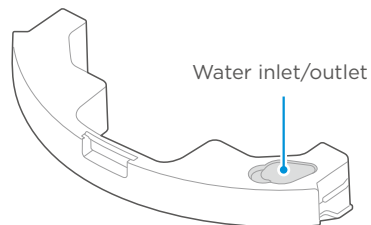


## Mopping

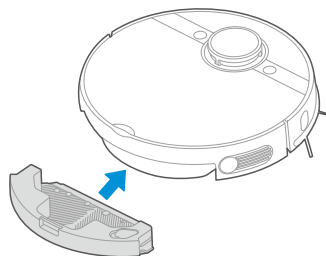
- 1 Attach mopping cloth to the mopping holder.



- 3 Fill the Water.



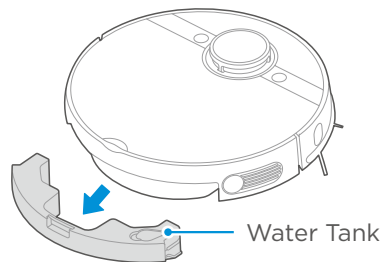
- 5 Re-insert the water tank assembly into the vacuum.



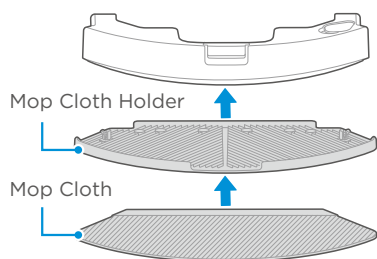
### NOTE

- Please do not fill the water more than the "Max" level.
- It is recommended to use clean water in the water tank. Do not use any detergent in the water.
- Please clean the mopping cloth after cleaning.
- You will hear a click sound when the water tank is installed properly.
- Move the mopping holder when the robot is under charging.
- Please set virtual wall by APP or roll up the carpet if you don't want the robot go on your carpet operating mopping.
- Please adjust water flow by APP according to your requirement.

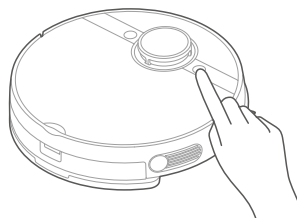
- 2 Press the button on tank and pull to remove.



- 4 Attach mopping holder to the water tank.



- 6 Press " ⏻ " to start mopping.



## Using APP

### NOTE

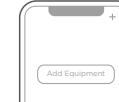
If your home WiFi name or password is changed, you will need to re-establish connection with your robot vacuum.

- ▶ App supports iOS 9.0 and above, Android 6.0 and above phone system versions, but Pad device is not accepted; generally the phone system version may be checked by clicking "Settings>About Mobile Phone" in the mobile phone.
- ▶ This model does not support WEP encrypted router;
- ▶ The network accessing configuration of the cleaner requires WiFi network of 2.4GHz frequency range, 5GHz frequency range is not currently compatible;
- ▶ Do not configure network accessing under the charging state;
- ▶ WiFi is mandatory for network accessing configuration of the cleaner; once the network accessing is configured successfully, App may be operated in WiFi/2G/3G/4G network environment and the cleaner may be controlled remotely;
- ▶ If your home WiFi password is changed, the cleaner will be displayed off-line on App; Without any changes of App account number, one just needs to configure network accessing for the cleaner once again;
- ▶ If others want to use App to operate same cleaner, they need be invited on App by the device owner by sharing the device to the new user's account (on the condition that the invitee has downloaded App and registered an account);
- ▶ The device will be removed from the former device owner's device list if a new account owner connect the device successfully;
- ▶ Once the cleaner is configured successfully network accessing, the following operations will result in clearance of WiFi settings and secondary network accessing configuration is required; Long press the network accessing configuration key on the device over 3 seconds and after a tick sound is heard, all Wi-Fi information will be cleared;

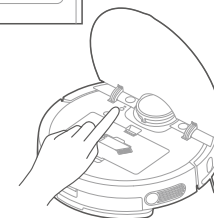
- 1 Ensure mobile phone is connected to your home WiFi.
- 2 Download the MSmartLife app and register your vacuum:
  - a. Scan the QR code or search for the MSmartLife app in the Apple or Google Play store. Download the app.
  - b. Open the app and create your personal account. Follow instructions on the screen.



- 3 Add your robot vacuum to your app  
Press the "+" button on the main screen of the app and select VCR09B from the available list of products.



- 4 Connect your robot to your WiFi  
After assembling and powering on the robot, press and hold down the "WiFi" button for 3 seconds until a beep is heard. The WiFi indicator light should start to flicker. Follow instructions on app for next steps.



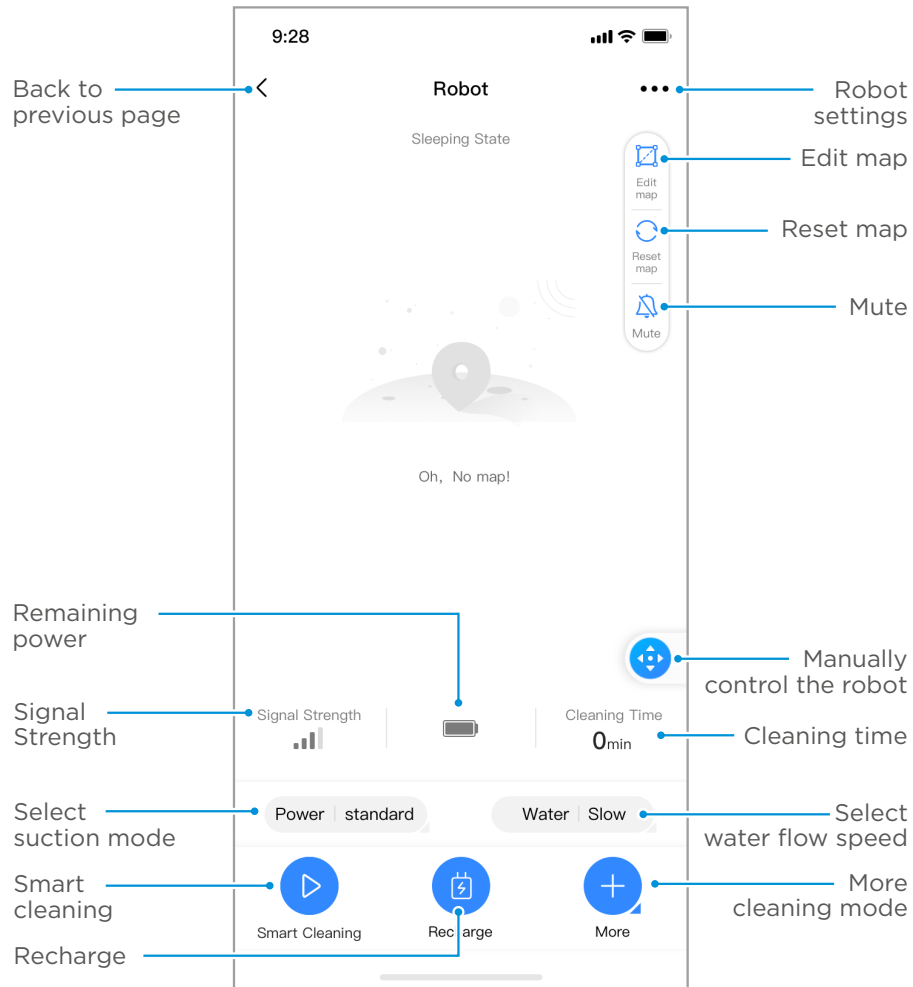
### NOTE

Once the network access is configured successfully, you will be the owner of this cleaner and can operate your intelligent cleaner by accessing to cleaner operating interface.

## M-smartLife App Quick Guide

### NOTE

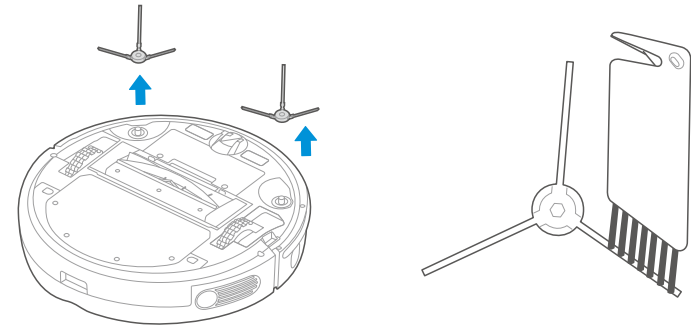
If the Wi-Fi in your home is unstable, it may cause a certain delay in the related operations of the M-Smart App. (The content of the MSmartLife App is subject to change with the product technology update. Please refer to the MSmartLife interface for details).



## MAINTENANCE

### Cleaning the Side Brush

- 1 Regularly check the side brush for hair wrapping.
- 2 Clean the side brush with the cleaning tool or a rag.
- 3 If the side brush has deformed from hair wrap, remove the side brush by pulling it off the vacuum and place it in warm water for 5 seconds.
- 4 If the side brush is permanently damaged, replace with the spare set of brushes.

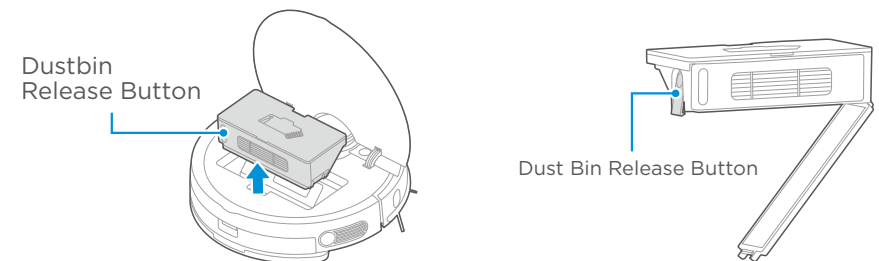


### Cleaning the Dustbin, Sponge and Filter

#### NOTE

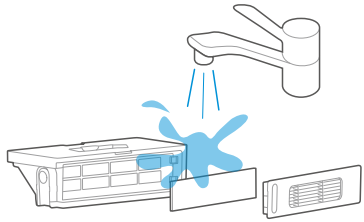
Empty the dustbin after each use.

- 1 Press dust cup release button to remove dust cup from robot.
- 2 Press dustbin release button to empty into a trash bin.

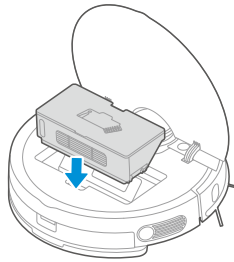




3 HEPA filter is on the side of dust cup. Please keep HEPA and sponge totally dry before using.

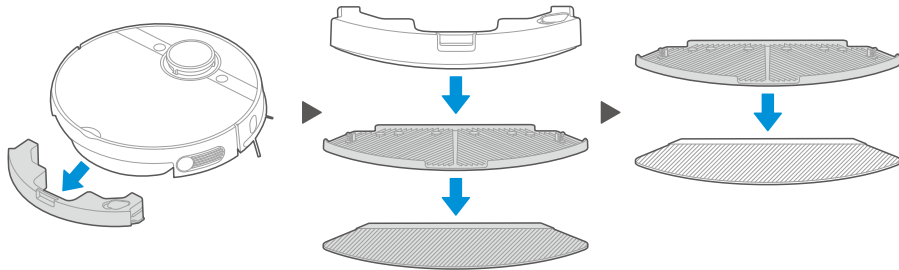


4 Have dust cup inserted back to robot.

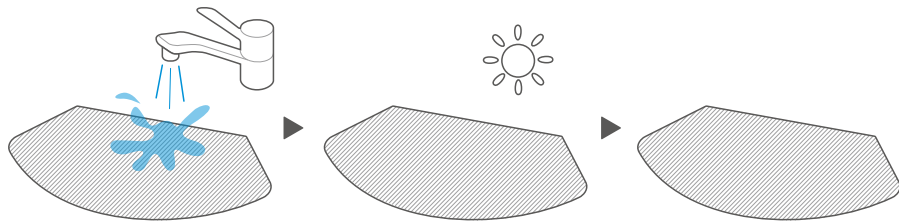


## Cleaning the Water Tank

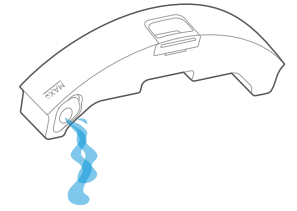
1 Once finished mopping, press the water tank release button and pull to remove the water tank. Detach the mop holder by pulling them apart.



2 Wash the mopping pad and dry THOROUGHLY



3 Open the cover and pour out the remaining water in the water tank.

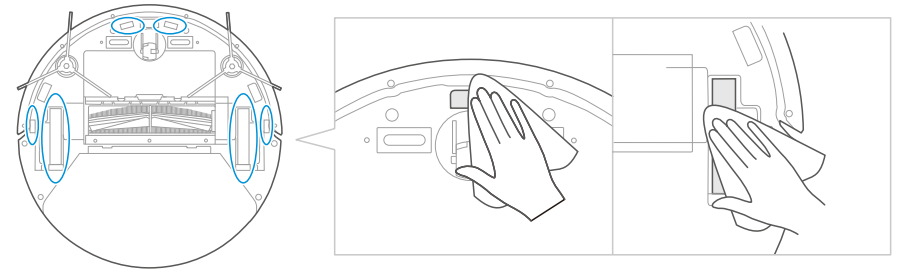


4 Wipe dry the water tank. Exposure to sunlight is not recommended.



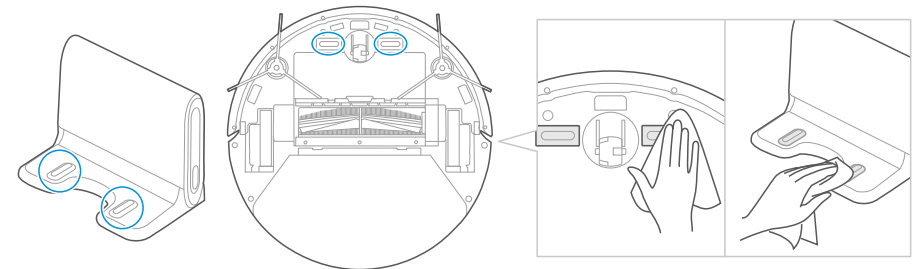
## Cleaning the Sensor and Wheel

Wipe the sensor and wheels gently with a soft cloth, as shown in the right figure.



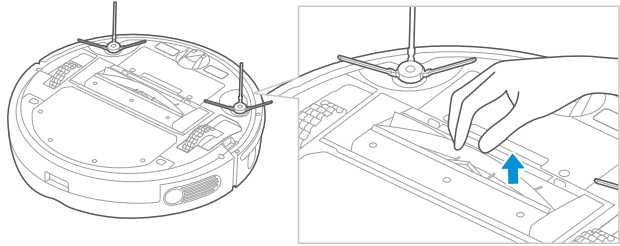
## Cleaning the Charge Terminal

Wipe the charging terminals on both the robot and charging dock with a soft cloth, as shown in the right figure.

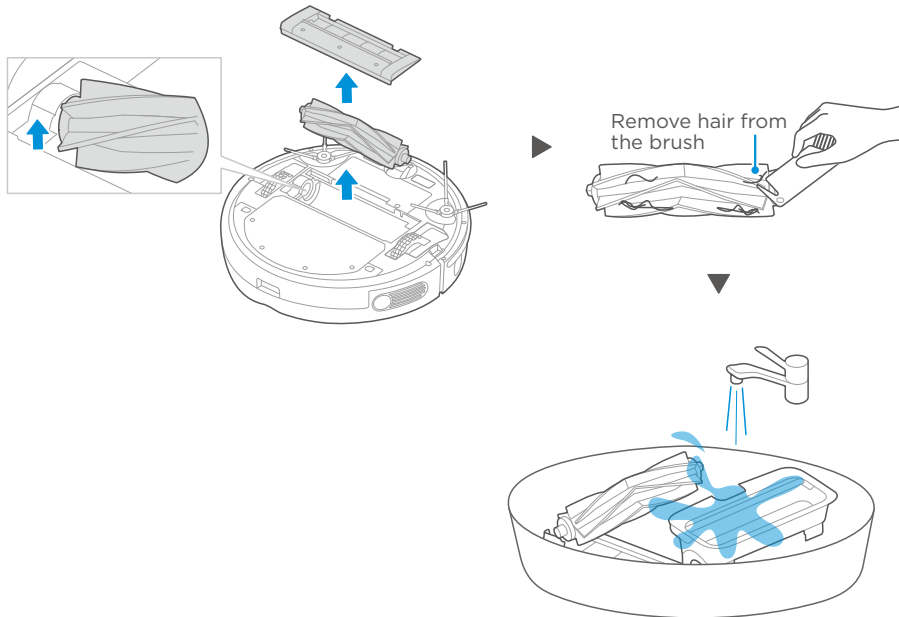


## Cleaning the Brushroll

1 Pull the middle area of brush roll to take part it.



2 Brush roll can be apart by pulling its middle part. Then you can clean threads or hair wrapped around the brush roll by scissors or included brush cleaner.



### NOTE

If side brushes are curled, you can remove them and place in warm water for 30 seconds and then let it thoroughly dry. Also regularly use the brush cleaner to remove dust, debris and hair from the side brushes. Brushroll frame can also be removed and cleaned but lifting out. When put it back, make sure the side with the rubber flap is on the closest side to the dustbin.

Every time when you empty your dust cup, please clean your filter at the same time.

## FAQs

In case of malfunction, please refer to the following table.

Problem	Possible reason	Solution
The appliance will not be charged	<ul style="list-style-type: none"> <li>▶ The power switch is not turned on while charging.</li> <li>▶ The appliance and charging terminals are not in full contact.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Power on the appliance.</li> <li>▶ Make sure the appliance is fully in contact with the charging terminal.</li> </ul>
The appliance gets stuck	<ul style="list-style-type: none"> <li>▶ The appliance is covered by wires on the ground, drooping curtain fabric or blankets are twined.</li> <li>▶ Side brush and brushroll, etc. get stuck, and the appliance cannot run normally.</li> </ul>	<ul style="list-style-type: none"> <li>▶ The appliance will automatically start the escape mode. If it is not out of trouble, it needs manual help.</li> <li>▶ Clean the windings on the side brush and restart it. If not, contact the post-sales department.</li> </ul>
Not cleaned completely, and recharge it	<ul style="list-style-type: none"> <li>▶ The appliance does not have enough battery power.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Charge the appliance.</li> </ul>
No cleaning according to the preset time	<ul style="list-style-type: none"> <li>▶ The power switch is not on.</li> <li>▶ Scheduled appointment is cancelled.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Turn on the power switch of appliance.</li> <li>▶ Reset and make appointment.</li> </ul>
After the mop holder is installed, the appliance is impermeable	<ul style="list-style-type: none"> <li>▶ The mop holder magnet falls off.</li> <li>▶ There's no water in water tank.</li> <li>▶ The appliance base outlet hole is blocked.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Contact the aftersales service center.</li> <li>▶ Add water.</li> <li>▶ Clear water outlet and tank filter.</li> </ul>
The appliance has missed sweeps, there is no plan for cleaning, and the map in app shows irregularly	<ul style="list-style-type: none"> <li>▶ The ground is slippery.</li> <li>▶ Wires, shoes and other objects placed on the ground, affecting the normal operation of the appliance.</li> <li>▶ Cleaning is interrupted halfway.</li> </ul>	<ul style="list-style-type: none"> <li>▶ If the floor is waxed, dry it before use.</li> <li>▶ Minimize ground items as much as possible.</li> <li>▶ Do not move or block the appliance during work.</li> </ul>
Appliance does not work	<ul style="list-style-type: none"> <li>▶ The power switch is not turned on.</li> <li>▶ Low battery.</li> <li>▶ Wheels are dropped and the three groups of drop sensors are in a falling state.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Turn on the power switch.</li> <li>▶ Charge the appliance.</li> <li>▶ Place the appliance close to the ground.</li> <li>▶ Contact post-sales service center.</li> </ul>
Appliance retreats	<ul style="list-style-type: none"> <li>▶ There is a obstacle ahead.</li> <li>▶ Bumper rail is clamped.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Clear the front obstacles.</li> <li>▶ Tap the bumper rail to check for if there is foreign matter stuck.</li> </ul>

In case of malfunction, please refer to the following table.

Problem	Cause	Troubleshooting	Solution
App displays disconnection	Disconnection between the mobile phone and the appliance	<ul style="list-style-type: none"> <li>Judge if the mobile phone is accessed to network;</li> <li>Judge if the router works normally;</li> <li>The cleaner is required to be powered;</li> <li>The WiFi configurations of the equipment are cleared;</li> <li>The WiFi password or network is changed.</li> </ul>	<ul style="list-style-type: none"> <li>The mobile phone shall be accessed to network once again;</li> <li>Re-start the router;</li> <li>Power on the cleaner once again;</li> <li>Add new appliances into App;</li> <li>After system start-up, long press "WiFi" 3 seconds and release it after a tick sound is heard; clear all WiFi configurations of the cleaner and add household electrical appliances once again for operation.</li> </ul>
Slow App operation	Network connection is not so smooth	<ul style="list-style-type: none"> <li>Network busy;</li> <li>Poor WiFi signal reception of the mobile phone;</li> <li>The network bandwidth is not so adequate.</li> </ul>	<ul style="list-style-type: none"> <li>Re-start the router and reduce the number of access users;</li> <li>Check the settings of the mobile phone itself;</li> <li>Broaden network bandwidth.</li> </ul>
The QR code of the mobile phone itself cannot be scanned by App.	The hardware configurations of the mobile phone are very low, the camera has no focus function.	<ul style="list-style-type: none"> <li>Change mobile phones for confirmation;</li> </ul>	<ul style="list-style-type: none"> <li>Change mobile phones and scan;</li> <li>Add appliance by product category.</li> </ul>

2400-2483.5MHz, WIFI MAX RF POWER: 20 dBm,  
BLUETOOTH MAX RF POWER: 10 dBm

**Correct Disposal of this product**



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

**Declaration of Conformity (DoC)**

Unique identification of this DoC:       M7-001      

We       JiangsuMideaCleaningAppliancesCo.,Ltd.      

      No.39CaohuAvenue,XiangchengEconomicDevelopmentZone,Suzhou,Jiangsu,China      

**responsibility that the product:**

product name : Robot Vacuum Cleaner

tradename: Midea

type or model: M7/M7 Pro

**towhichthisdeclarationrelatesisinconformitywiththeessentialrequirementsand other relevant requirements of the Directive:**

**2014/53/EU 2011/65/EU (EC) No 1907/2006**

**The product is in conformity with the following standards and/or other normative documents:**

      2014/53/EU:EN60335-2-2:2010+A11:2012+A1:2013      

      EN60335-1:2012+A11:2014+AC:2014+A13:2017+A1:2019+A14:2019+A2:2019      

      EN62311:2008 EN62233:2008      

      EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN 55014-1:2017 EN 55014-2:2015      

      ENIEC61000-3-2:2019 EN61000-3-3:2013+A1:2019 EN300328V2.2.2      

      2011/65/EU:EN62321-1:2013 EN62321-2:2014 EN62321-3-1:2014      

      EN62321-4:2014EN62321-5:2014 EN62321-6:2015 EN62321-7-1:2015      

      EN62321-7-2:2017 EN62321-8:2017      

      EN62321-7-2:2017 EN62321-8:2017      

**Supplementary information:**

Technical file held by: JiangsuMideaCleaningAppliancesCo.,Ltd.

Place and date of issue (of this DoC): CHINA 2021-3-1

Signed by or for the manufacturer *Shawn*

(Signature of authorized person)

Name (in print): Shawn.yan

Title: Quality Manager

