

# MR7 Pro User manual

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# 1. Safety Instructions

## Warning

- Power robot OFF and remove it from a power source when you are not using it and before conducting maintenance. Robot is not intended for use by persons (including children) with reduced physical or mental capabilities, or lack of experience and knowledge, unless under the close supervision of a person responsible for their safety.
- Leaks from the battery cells can occur under extreme usage or temperature conditions. If the liquid gets on the skin, wash quickly with water. If the liquid gets into the eyes, flush them immediately with clean water for a minimum of 10 minutes, and seek medical attention.
- Robot is composed of electronic components that in rare and unintended cases can cause hazards of heating, fire, and other malfunctions. Furthermore, because robot is capable of autonomous movement, its use poses the risk of collision with property, pets, and persons. Unintended removal of articles—such as small valuables, jewelry, or hair of persons or pets lying on the floor—may also occur.
- If robot or its charging station has been damaged in any way, do not operate them. Contact our support team for further assistance.

## Cautions

- Do not handle robot or its charging station with wet hands; use only on dry surfaces.
- Do not pull or carry the charging station by the cord, close a door on the cord, or pull the cord around sharp edges or corners. Keep the cord away from heated surfaces. To unplug the cord, grasp the plug, not the cord.
- Make sure dustbin, filter, dust bag, side brush, mop attachments, main brush are installed in place before cleaning.
- Do not expose robot's SLAM LiDAR to direct sun light or infrared light.
- Do not let robot drop. The impact from a drop can damage the SLAM LiDAR.

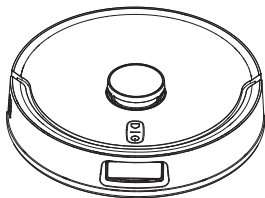
- Do not let robot drop. The impact from a drop can damage the SLAM LiDAR.
- Do not look directly into the rotating transmitting part (laser) of the SLAM LiDAR.
- For your safety, do not insert tools, fingers, or other items into the rotating part of the SLAM LiDAR.
- Do not attempt to open the charging station. Repairs on the station should only be carried out by our qualified technicians.
- With the exception of the wet mop attachment do not immerse any part of robot into water or other liquids.
- Do not mutilate or incinerate the battery, as it will explode at high temperatures.
- Do not use robot outdoors.
- Do not store robot in a car.
- Do not expose robot or it's charging station to temperatures higher than 113° F(45° C),moisture, or humidity.
- Do not dispose of your battery in fire. Old batteries should be recycled safely through your local recycler.
- Do not let robot pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- The product is a house-ware. Please do not use it outdoors.

## Notes for battery

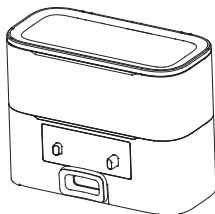
- Always use a dedicated battery pack and docking station to avoid leakage,heating or explosion.
- Do not short-circuit the battery or remove the battery; doing so may cause leakage, heating or explosion.
- Do not transport or preserve with necklaces, hairpins, and other metal objects; doing so may lead to short circuit, resulting in leakage, heating or explosion.
- Do not burn or heat the battery; doing so may cause leakage, heating or explosion.

## 2. Product overview

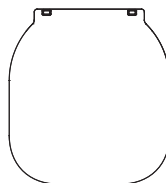
### Box content



Robot



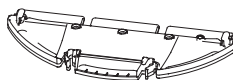
Dust collection station



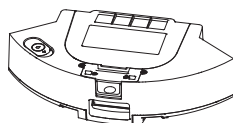
Docking pad



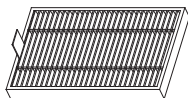
Mop



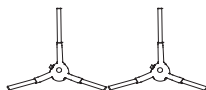
Mop attachment



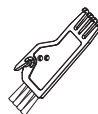
Dustbin



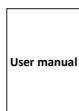
Filter



Side brush x 2

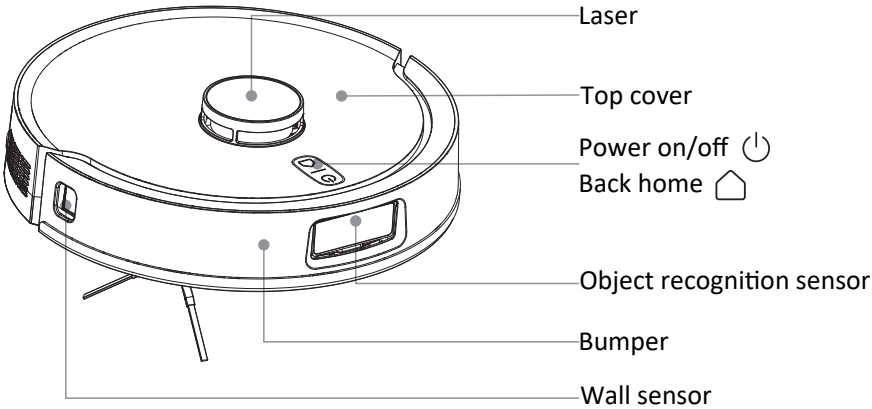


Cleaning brush

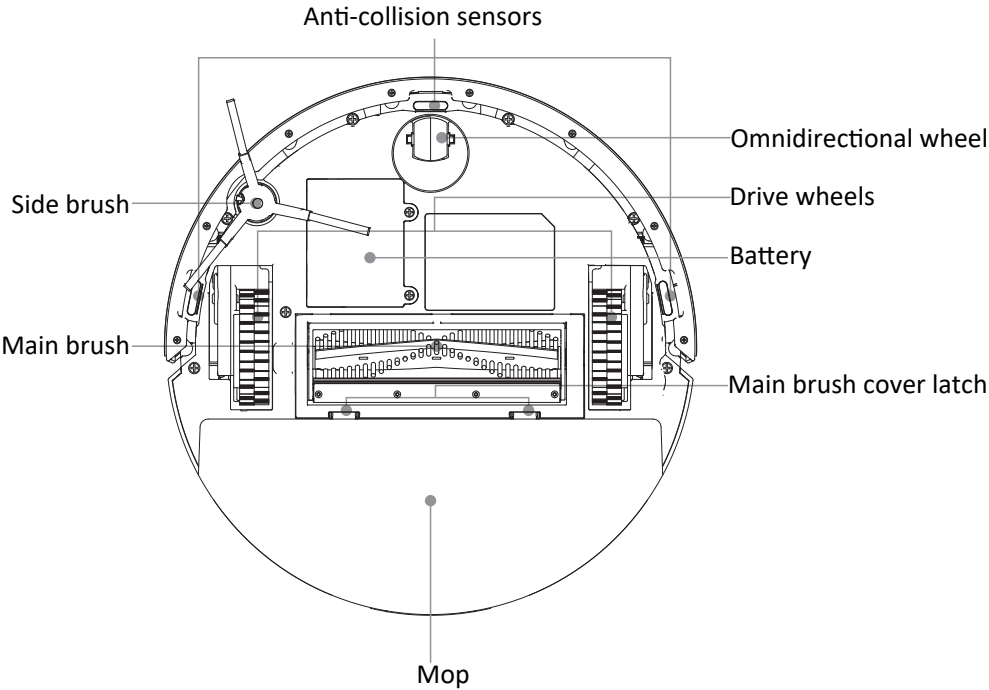


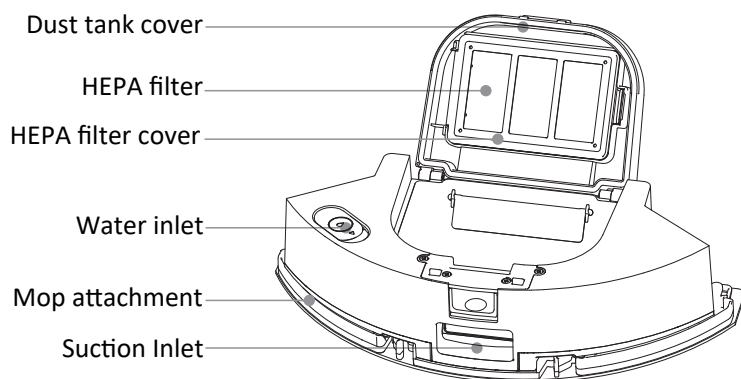
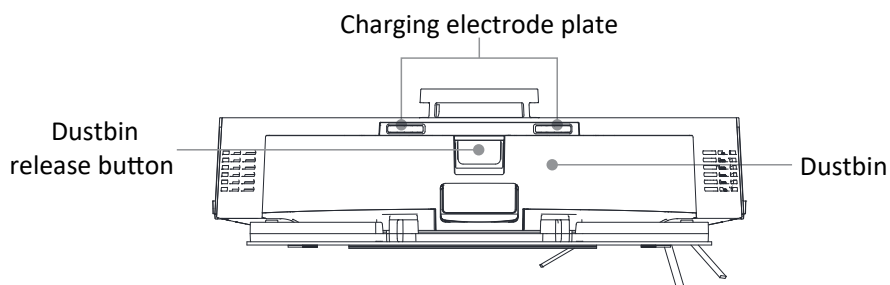
User manual

Anatomy  
Robot (Top View)



Robot (Bottom View)

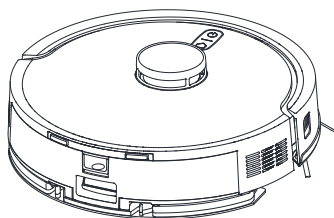
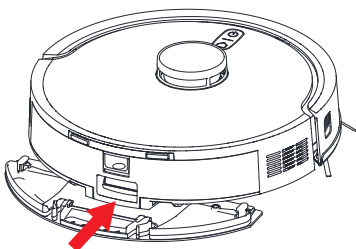
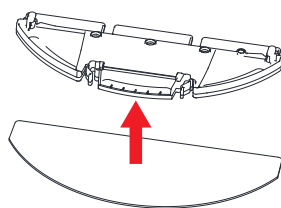
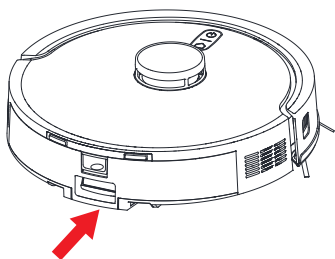
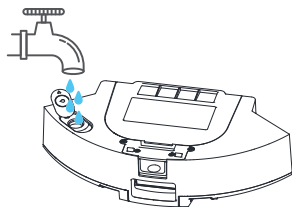
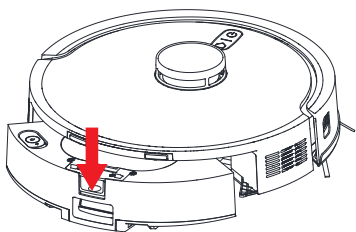




### 3. Installation

#### Flat mop installation

1. Remove the dustbin and open the tab and fill the reservoir with water.
2. Reinstall the water tank.
3. Stick the mop cloth on the mount in position and firmly.
4. Align and install the mop pad on the robot in place until you hear a click.

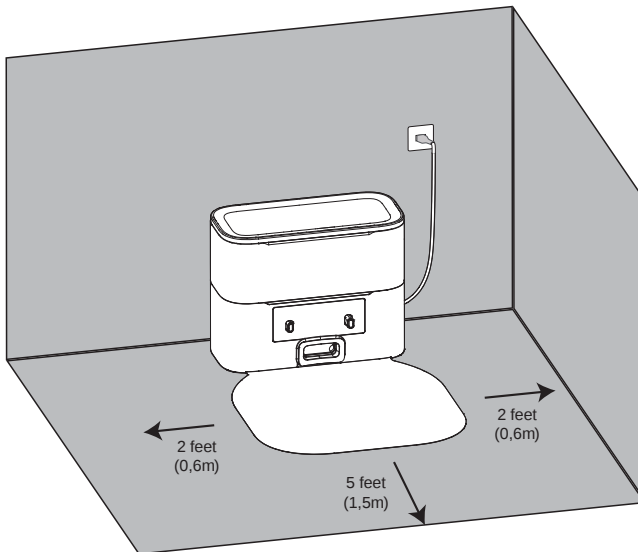


## Self-empty charging station installation

1. Reserve a space of at least 0.6m in width at both left&right side and 1.5m in depth. Make sure that the location has good WiFi access for a better experience with the mobile app. Plug in and make sure that the status indicator light is on.

Note:

- Place the dock against a wall on a hard, flat floor (wood/tile etc.).
- Tidy cords, hard or sharp objects (such as nails and glass), and loose items from the ground and move any unstable, fragile, precious, or dangerous items which may block or slow down the operation of the robot vacuum cleaner.
- When using the robot in a raised area, always use a physical security barrier to prevent accidental falls that may result in personal injury or property damage.



## 4. APP download

Download App for your iOS or Android device. Create your account and connect your robot.



## 5. Operation

### Turning On/Off

Press and hold  to turn on/off the robot. The power indicator light will come on when robot is turned on.

Note:

To ensure all functions operate properly and achieve the best cleaning results:

- \*Fully charge the robot before first use.

- \*Fill the clean water tank with water prior to initial operation.

### Pause

When the robot is running, press any button to pause it, press  to resume cleaning. Press  to send it back to the dock.

Note: Placing a paused robot on the dock manually will end the current cleanup.

### Charging

After cleaning, the robot will automatically return to the dock to charge. In Pause mode, press  the button to send the robot back to the dock.

### Start cleaning

Press the button  to start cleaning. The robot will plan its cleaning route according to its scan of the room. It splits a room into zones, first draws out zone edges, and then fills the zone in a zigzag pattern. In so doing, the robot cleans all zones one by one, efficiently cleaning the house. cloths have been properly installed.

Notes:

- To allow the robot to automatically vacuum and return to the dock, start the robot from the dock. Do not move the dock during cleaning.
- Cleaning cannot start if the battery level is too low. Allow the robot to charge before starting the cleanup.
- Before cleaning, tidy cords (including the power cord of the dock) and valuables from the floor. Loose items may be dragged by the robot, resulting in the disconnection of electrical appliances or damage of cords and property.
- If the battery runs low during a cleaning cycle, the robot will automatically return to the dock. After charging, the robot will resume where it left off.
- Before starting each cleaning task, make sure that the mop cloths have been properly installed.

### **Customized suction power and mopping water volume:**

Switch on 'Customize mode' button on the app and then selecting the mode:

Five suction power levels: Closed, Quiet, Standard, Strong, Max.

Four water volume mode: Closed, Low, Middle, High

### **Manual mode**

The robot vacuum cleaner can be moved manually by selecting manual mode in the app and using the arrow keys.

### **Restricted Area mode**

Mark out specific areas on the map that you do not want the robot vacuum cleaner to clean.

### **Selected zone cleaning**

Mark out specific areas on the map that you want the robot vacuum cleaner to clean.

## Sleep mode

If no operation is performed beyond 10 minutes, robot will enter the sleep mode automatically, and the power indicator will be off. In sleep mode, users can press any button to wake up the robot.

If no operation is performed beyond 13 hours, robot will powers off automatically.

## Do not Disturb(DND) mode

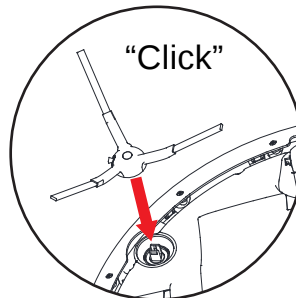
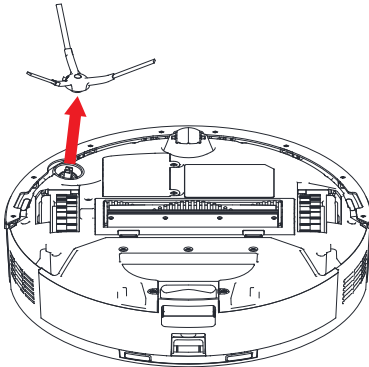
It can be modified or canceled from the app. When DND is on, the robot will not automatically resume cleanup and will not perform dust collection after cleaning, the power indicator light and voice will be off.

For more details about robot use, please try out.

# 6. Maintenance

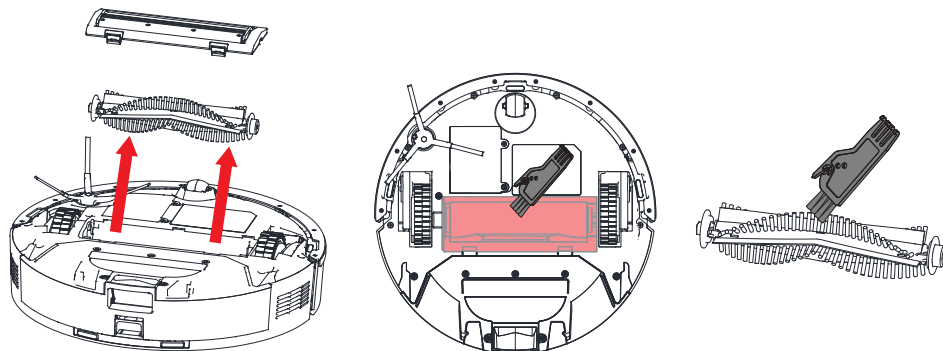
## Side brush

1. Pull up to remove the side brush.
2. Remove debris from the brush and brush sockets.
3. Reinstall the side brush



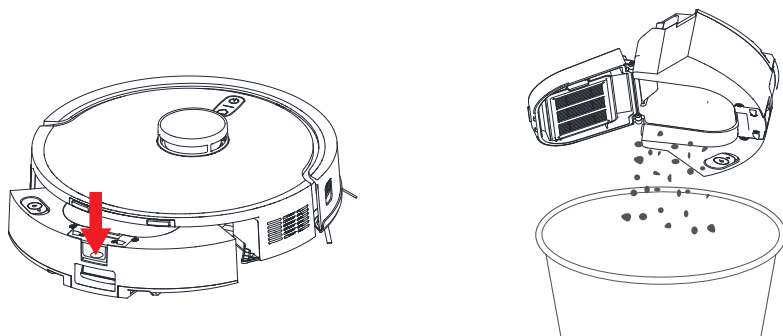
## Main brush

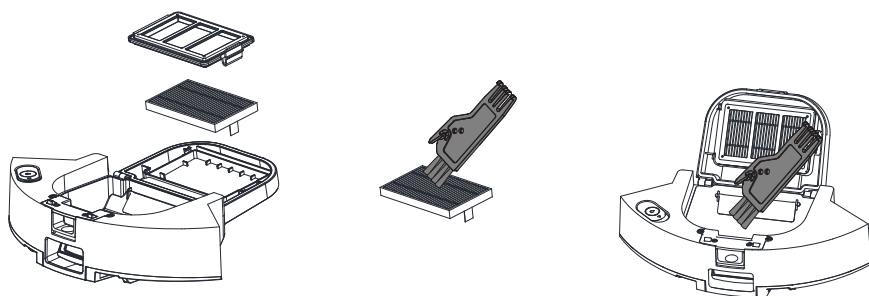
1. Softly press the main brush cover's two latches inwards to remove the main brush cover.
2. Pull out the main brushes and remove any entangled hair or dirt on brush or fixed end of the main brush.
3. Reinstall the main brush and it's cover.



## Dustbin and filter

1. Remove the dustbin.
2. Open the dustbin and dump its contents.
3. Use the self-cleaning brush to clean the inside of the mixed tank.
4. Remove the filter and tap it to remove as much dirt as possible, and then reinstall it.
5. Reinstall the dust tank on the robot vacuum cleaner.



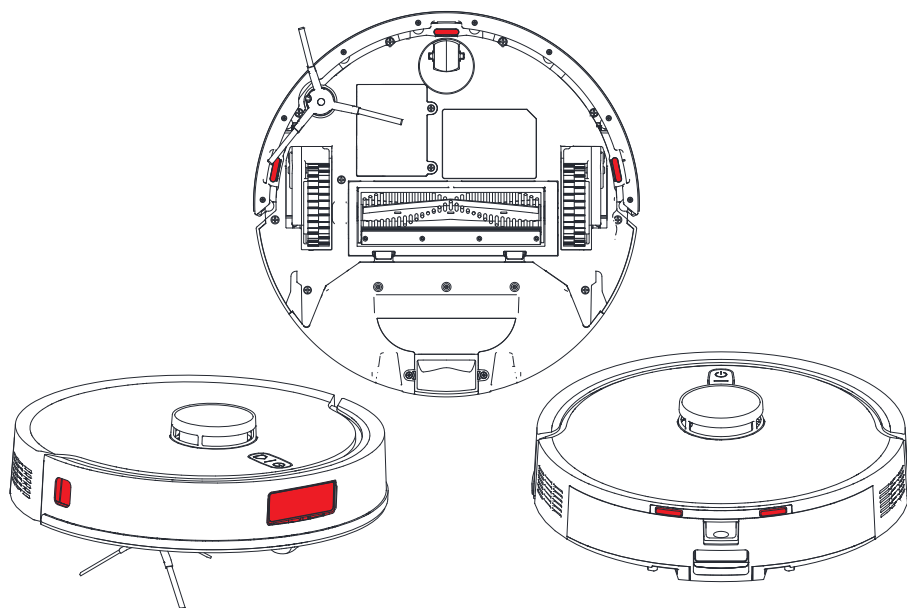


**Note:** Do not touch the surface of the filter with hands, brush, or hard objects to avoid potential damage.

## Sensors

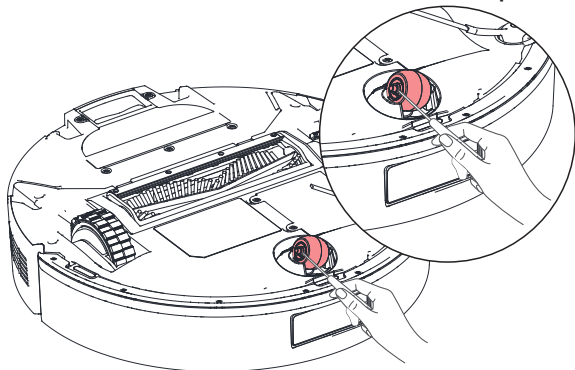
Use a soft, dry cloth to wipe and clean all sensors.

**Note:** Robot's LiDAR is a sensitive sensor. Do not apply force, insert objects, or adjust the LiDAR. Do not sit or place items on top of robot.



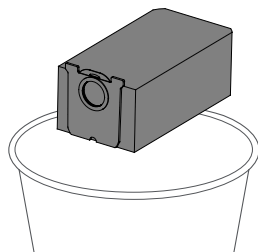
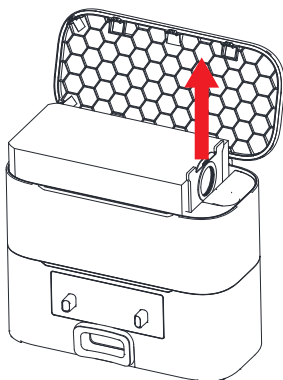
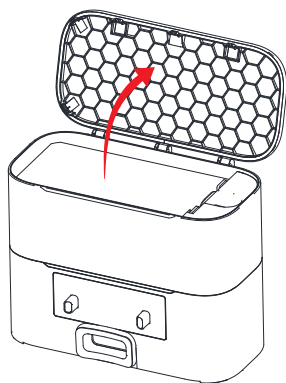
## Front wheel

1. Using a flat head screwdriver for leverage, grip the wheel firmly and pull.
2. Clean the wheel and all its components, including the assembly and wheel socket.
3. Push down the wheel to lock it into place.



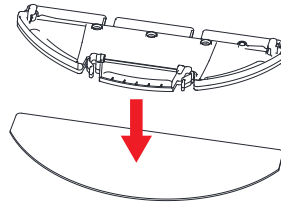
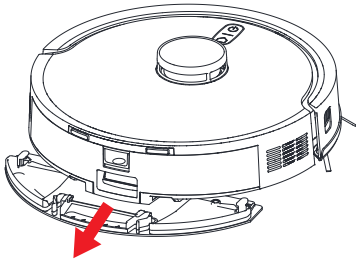
## Replacing the Disposable Dust Bag

To change the dirt-disposal bag, open the base cover, pull the handle, remove the bag and discard it.



## Wet Mop Attachment Maintenance

1. Remove the mop attachment.
2. Pull open the tab and empty the reservoir.
3. Tap any debris that may have collected inside the attachment.
4. Wash the mopping cloth. Air-dry all parts when done.



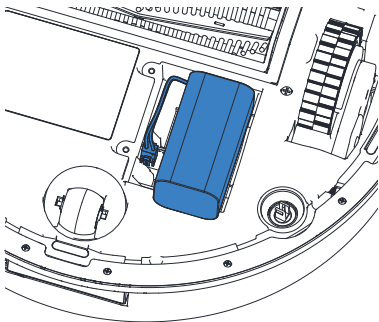
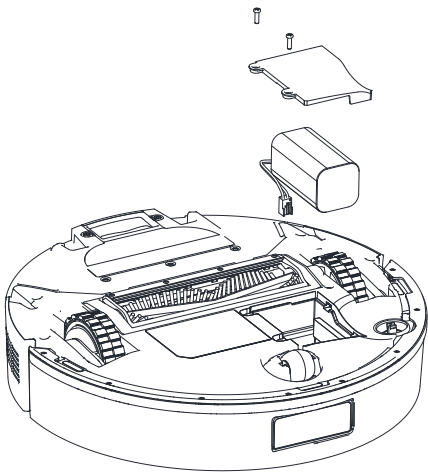
Note: The reservoir should be drained after use to avoid possible water damage.

## Charging and replacing the battery

1. Use a Phillips head screwdriver to open the battery compartment.
2. Unplug the old battery and plugin your new one and refasten the battery cover.

Note:

- To extend battery life, leave the robot vacuum cleaner charging on the self-emptying base whenever not in use.
- Remove the battery and store it in a safe, dry place if the robot vacuum cleaner will not be used for a long period of time.
- Do not use the rechargeable battery of this product in other devices.



## Recommend maintenance frequency

| Part        | Maintenance Frequency | Replacement Frequency |
|-------------|-----------------------|-----------------------|
| Dustbin     | Daily                 |                       |
| Filter      | Weekly                | Every 3~6 months      |
| Side Brush  | Weekly                | Every 3~6 months      |
| Main Brush  | Weekly                | Every 3~6 months      |
| Sensors     | Weekly                |                       |
| Front wheel | Weekly                |                       |
| Battery     |                       | Every 12-24 months    |

## 7. Common Issues

| Trouble                                    | Solution                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unable to power on                         | <ul style="list-style-type: none"> <li>• Battery low. Put the robot on the charging dock and charge it before use.</li> <li>• Battery temperature too low or too high. Only use the robot within the range of 0-40°C.</li> </ul>                                                                                                                                                                   |
| Unable to charge.                          | <ul style="list-style-type: none"> <li>• Dock not connected to power. Check whether both ends of the power cord are properly connected.</li> <li>• Poor contact. Clean the charging contacts of the dock and the robot.</li> <li>• Confirm that the dock indicator light is on.</li> </ul>                                                                                                         |
| Unable to dock.                            | <ul style="list-style-type: none"> <li>• Too many obstacles near the dock. Move it to an open area.</li> <li>• The robot is too far from the charging dock. Place it closer and retry.</li> <li>• The dock locator may be dirty. Wipe them with a dry cloth.</li> </ul>                                                                                                                            |
| Unable to connect to WiFi.                 | <ul style="list-style-type: none"> <li>• WiFi disabled. Reset the WiFi and try again.</li> <li>• Poor WiFi signal. Move the robot to an area with good WiFi reception.</li> <li>• Abnormal WiFi connection. Reset the WiFi, download the latest mobile app and retry.</li> <li>• The Wi-Fi connection is unstable. Reset the router, check if there are any App updates, and try again.</li> </ul> |
| Noise during cleaning.                     | <ul style="list-style-type: none"> <li>• The main brush, side brush, drive wheels or front wheel may be jammed. Turn off the robot and clean them.</li> </ul>                                                                                                                                                                                                                                      |
| Cleaning does not resume after recharging. | <ul style="list-style-type: none"> <li>• Make sure that the robot is not in Do not Disturb mode.</li> <li>• Carpet ignorance is switched on in app. Check in-App setting.</li> </ul>                                                                                                                                                                                                               |
| Schedules are not effective.               | <ul style="list-style-type: none"> <li>• Make sure that the robot is not in Do not Disturb mode.</li> <li>• Schedules will only take effect when the battery is higher than 20%.</li> </ul>                                                                                                                                                                                                        |
| Unable to auto-empty.                      | <ul style="list-style-type: none"> <li>• Auto-emptying is disabled. Check in-app settings</li> <li>• Dust bad is not installed correctly. Check and install.</li> <li>• Auto-emptying will not be triggered if the robot returns to the dock without cleaning.</li> </ul>                                                                                                                          |

| Trouble                                                      | Solution                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unable to auto-empty.                                        | <ul style="list-style-type: none"> <li>• The robot will not auto-emptying after returning to the dock in the Do Not Disturb (DND) mode. Adjust cleaning or DND duration, or start emptying manually</li> </ul>                                                      |
| Reduced emptying performance or unusual noise when emptying. | <ul style="list-style-type: none"> <li>• The main brush or main brush cover is not properly installed. Check and install in place.</li> <li>• The filter, air duct, suction inlet, air inlet, dustbin or dust bag is blocked. Clean to remove blockages.</li> </ul> |
| Wet mopping is not effective                                 | <ul style="list-style-type: none"> <li>• Check water volume adjustment setting in app.</li> <li>• Check that robot water tank has been refilled as required.</li> </ul>                                                                                             |

## 8. Technical specification

Product: MR7 Pro

Voltage: 14.4 V DC

Rechargeable Li-ion battery

Rated capacity: 14.4 V = 2600 mAh

Wi-Fi connection: Wi-Fi IEEE802.11b/g/n/ax 2.4Ghz/ Bluetooth

Self-empty station

Input: 100 - 120 V ~ 50/60 Hz

Output: 19 V = 0.6A

Power: 1000 W

NOTE:

The graphics in this manual are schematic representations and may not exactly match the device.

## FCC Statement

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.

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 complies with FCC&ISED 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.

Cet équipement est conforme aux limites d'exposition aux rayonnements FCC&ISED définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

.....

- The device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
  - (1) This device may not cause interference.
  - (2) This device must accept any interference, including interference that may cause undesired operation of the device.
- L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
  - 1. L'appareil ne doit pas produire de brouillage;
  - 2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.