



tapo RV10 V1 Robot Vacuum and Mop Smart Auto-Empty Dock Installation Guide

[Home](#) » [tapo](#) » tapo RV10 V1 Robot Vacuum and Mop Smart Auto-Empty Dock Installation Guide 

Contents

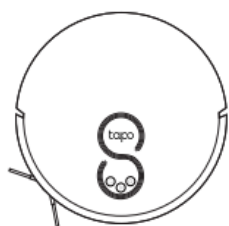
- [1 tapo RV10 V1 Robot Vacuum and Mop Smart Auto-Empty Dock](#)
- [2 Package Contents](#)
- [3 Overview](#)
- [4 Position the Dock](#)
- [5 Remove Protective Strip](#)
- [6 Remove Protective Film](#)
- [7 Power On and Charge](#)
- [8 Download the Tapo App and Connect to Wi-Fi](#)
- [9 Cleaning](#)
- [10 Care and Maintenance](#)
- [11 Empty the Bin](#)
- [12 Clean the Filter](#)
- [13 Clean the Main Brush](#)
- [14 Clean the Side Brush](#)
- [15 Clean the Caster Wheel](#)
- [16 Clean Main Wheels](#)
- [17 Clean the Sensors](#)
- [18 Clean the Charging Contacts](#)
- [19 Troubleshooting](#)
- [20 Safety Information](#)
- [21 Documents / Resources](#)
 - [21.1 References](#)
- [22 Related Posts](#)





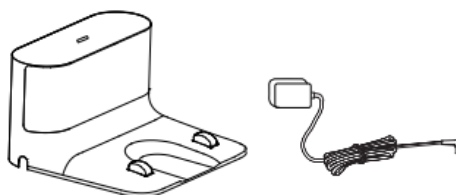
Images may differ from actual products.
©2022 TP-Link 7106509864 REV1.0.0

Package Contents

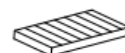


Robot Vacuum*

*One side brush and HEPA filter installed



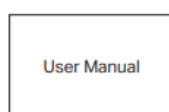
Charging Dock ×1 + Power Adapter ×1



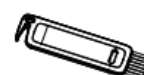
HEPA Filter ×1



Side Brush ×1



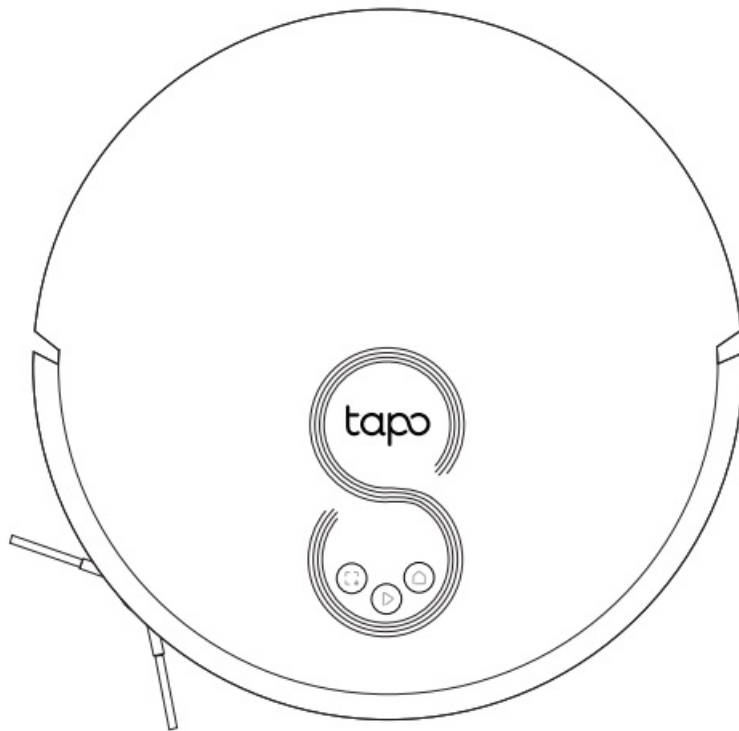
User Manual ×1






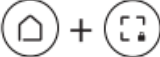

Cleaning Brush ×1

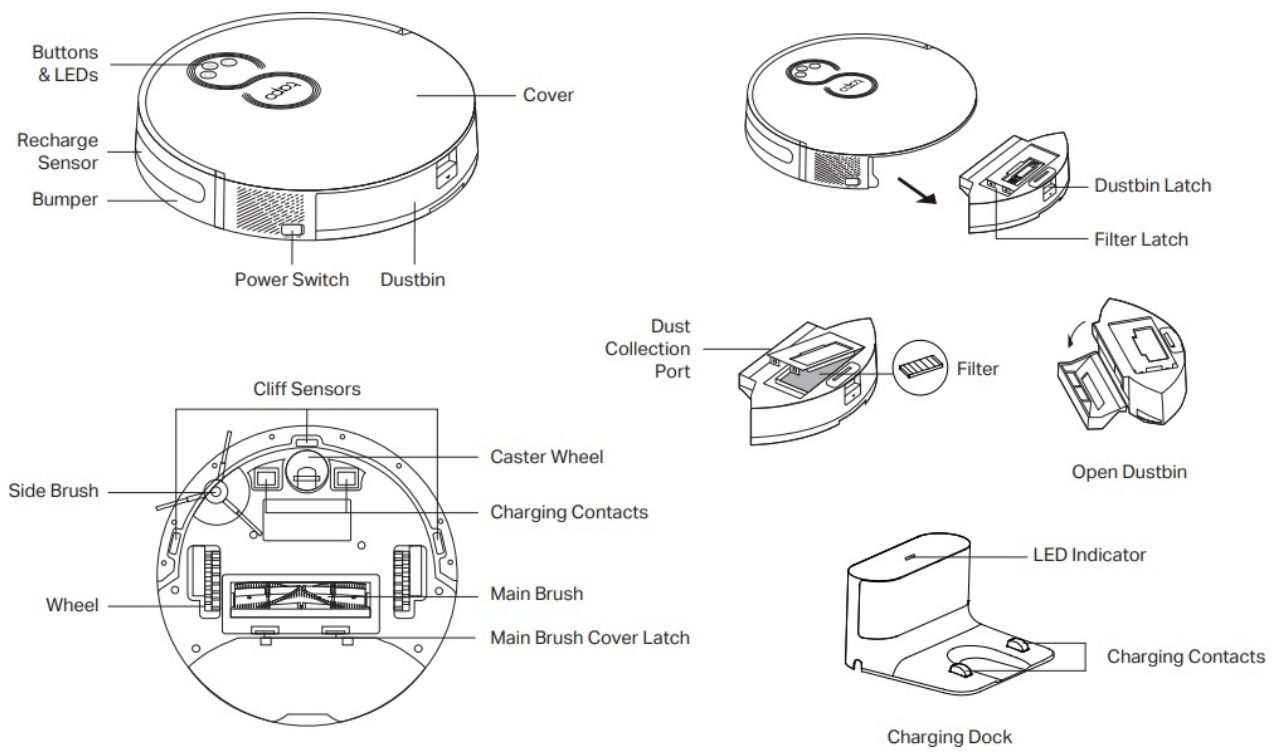
Overview

Robot Vacuum



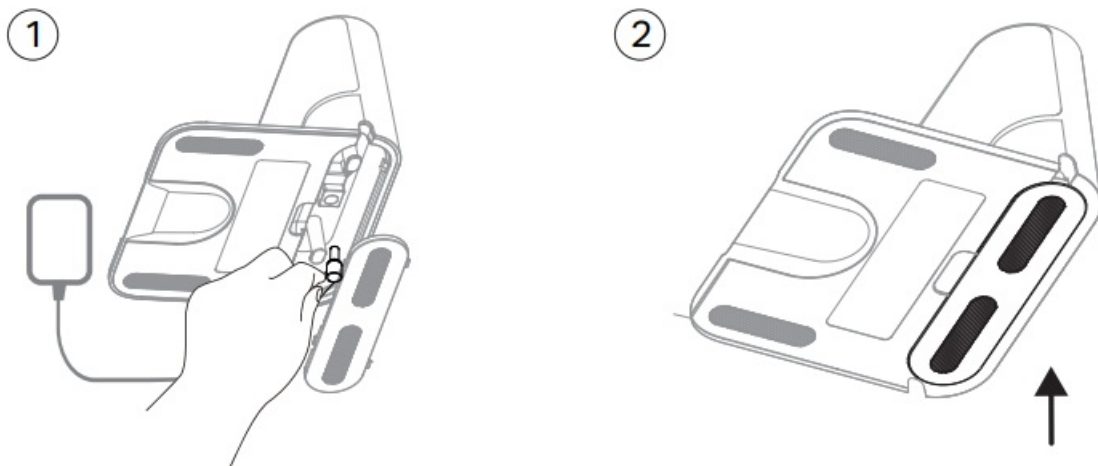
-  **Power/Clean**
 - Press once: Start/pause cleaning.
 - Press and hold for 5 seconds: Turn on/off the robot vacuum.
*For the first use, slide the power switch from OFF to ON to turn on.
-  **Dock**

Return to the dock to charge.
-  **Spot Cleaning/Child Lock**
 - Press once: Start spot cleaning.
 - Press and hold for 5 seconds: Turn on/off the child lock.
-  **Combination Button**
 - Press and hold simultaneously for 5 seconds: Enter setup mode to configure network.
 - Press and hold simultaneously for 10 seconds: Restore to factory default settings.
-  **LED**
 - **Red:** Battery level 20%; Error
 - **Orange:** Battery level between 20% and 80%
 - **Green:** Battery level 80%

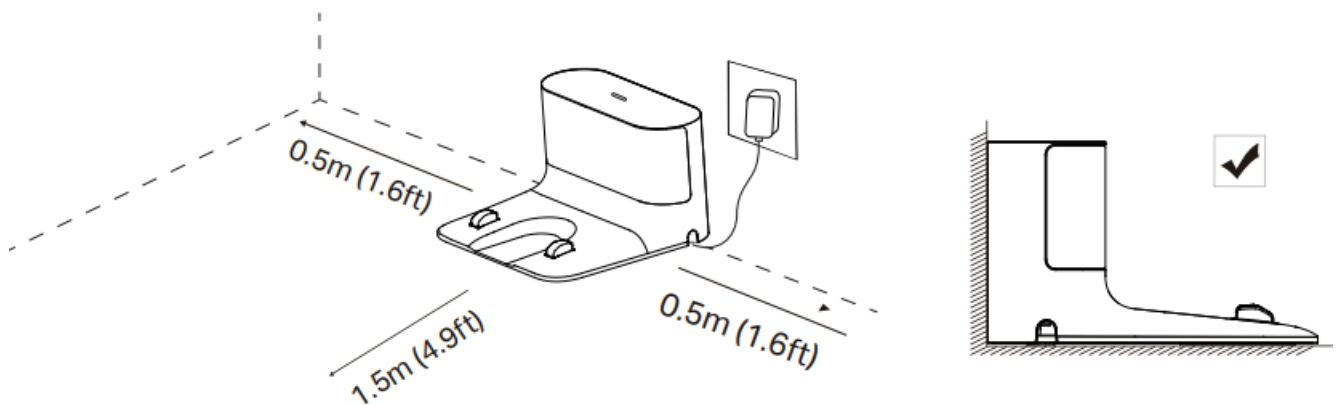


Position the Dock

1. Remove the bottom cover of the dock, connect the power cord to the dock, and then replace the cover.



2. Place the dock on a level surface, flat against a wall, without obstacles within 1.5m (4.9ft) in front and 0.5m (1.6ft) on left and right.

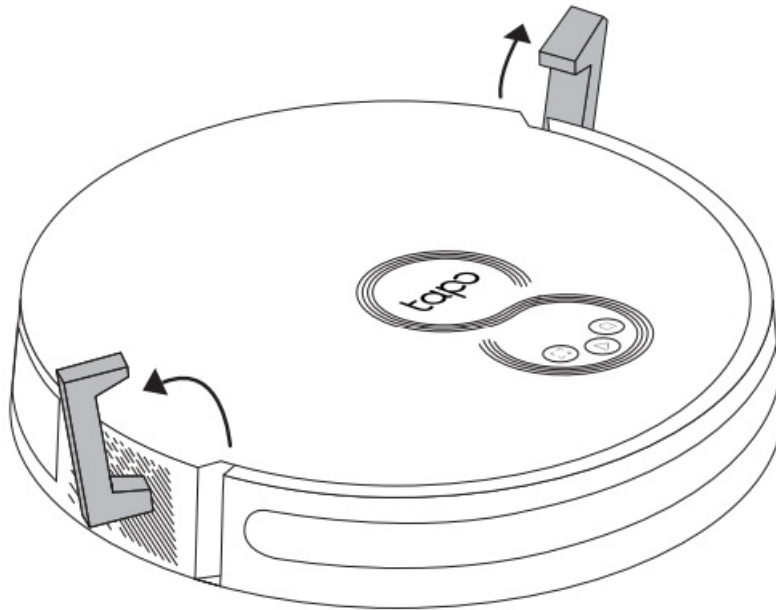


Notes

- To ensure a better user experience, make sure the area is with good Wi-Fi signal.
- Do not place it in direct sunlight. Ensure the area around the dock is free of clutter to improve docking performance.
- To prevent the risk of your robot falling downstairs, ensure that the dock is placed at least 1.2m (4 ft) away from stairs.
- Always keep the dock powered on, otherwise the robot vacuum will not automatically return. And do not move the dock frequently.

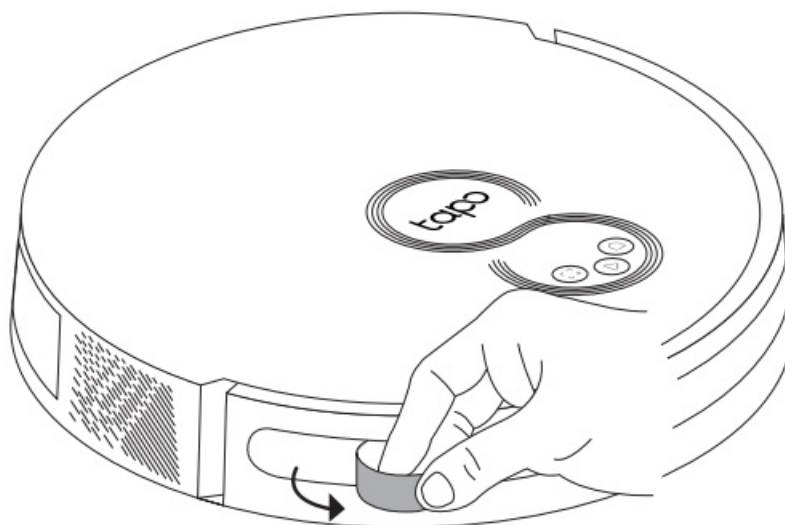
Remove Protective Strip

Before use, remove the protective strips on both sides of the front bumper.



Remove Protective Film

Remove the pre the protective film on the front bumper

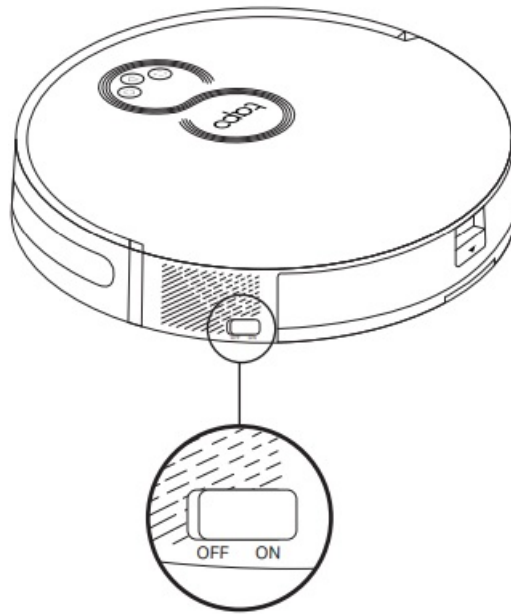


Power On and Charge

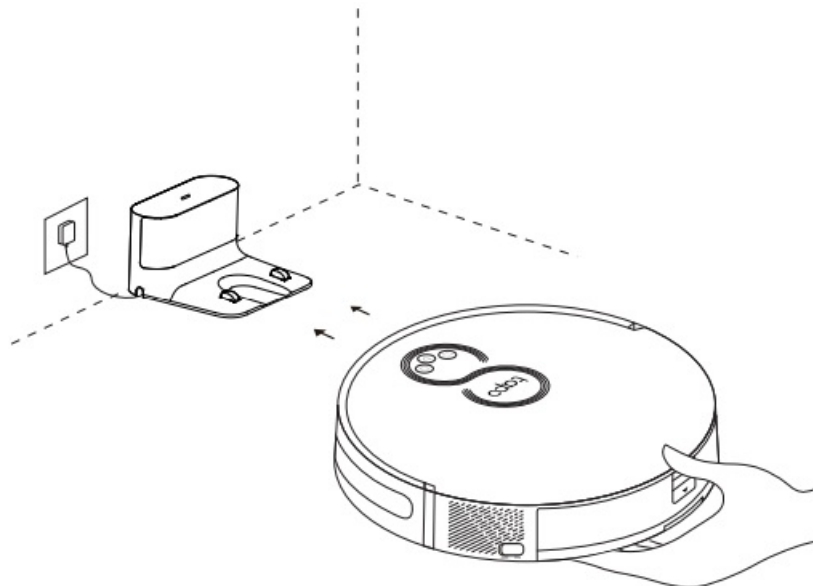
Slide the power switch from OFF to ON to turn on your robot vacuum.

Notes

- If the power switch is in the ON position, you can also press and hold the button for 5 seconds to turn on/off your robot vacuum.
- If the power switch is in the OFF position, the robot vacuum will automatically turn on when it is charged on the dock, and turn off when it leaves the charging dock.



Place the robot vacuum on the charging dock or tap to send it back to the dock to charge. It will return to the dock at the end of a cleaning job and whenever it needs to recharge.



Notes

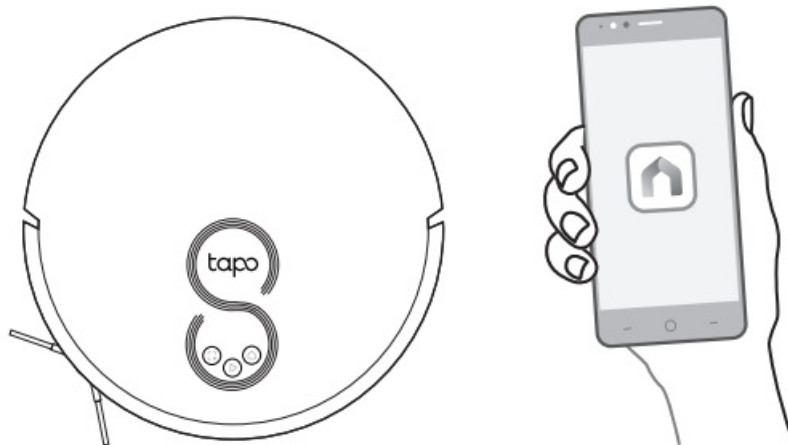
- When the LED of the charging dock flashes 3 times and then goes out, the charging will begin.
- We recommend that you charge the robot vacuum fully for about 4 hours prior to starting the first cleaning job.

Download the Tapo App and Connect to Wi-Fi

1. Download the Tapo app from the App Store or Google Play, then log in.



2. Open the Tapo app, tap + icon, and select your model. Follow the step-by-step instructions to easily set up your robot vacuum.



In the Tapo app, you can enjoy the following functions.

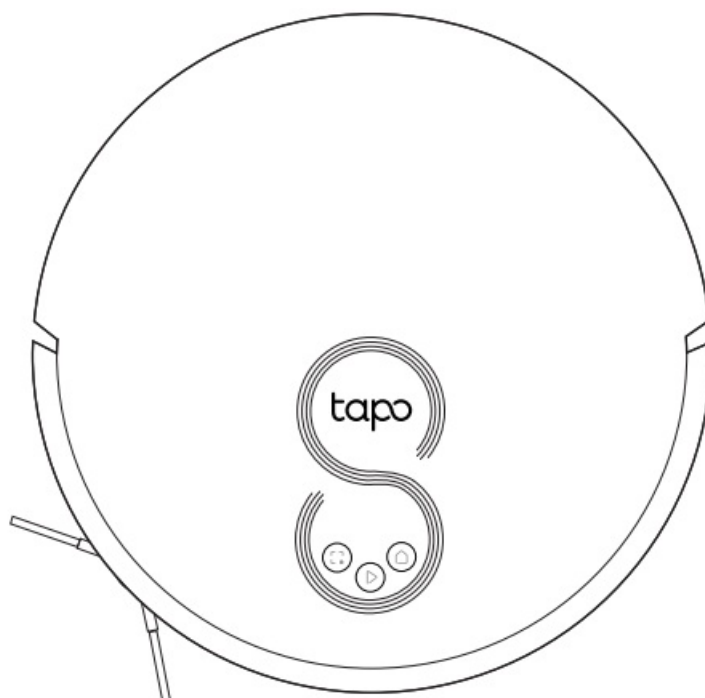
- **Cleaning Modes & Preferences**



Customize vacuum power, cleaning times, and other advanced settings.

- **Scheduled Cleaning**

Set an automatic cleaning schedule, then the robot vacuum will clean automatically at the set time and return to the dock after cleaning.

Cleaning

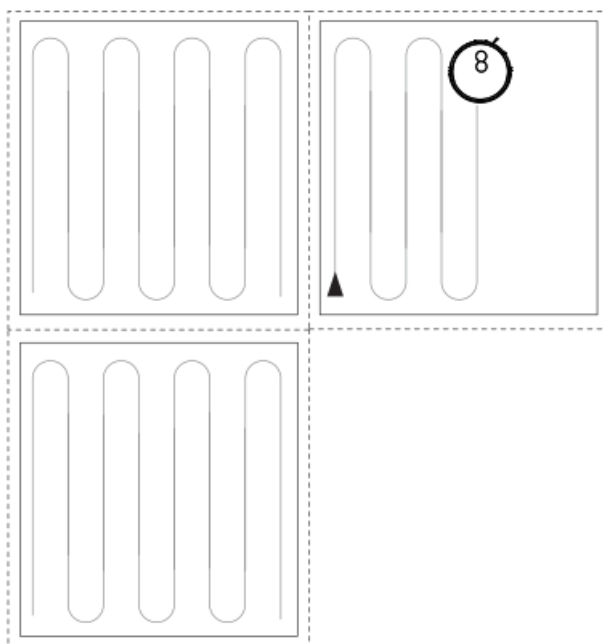


-  **Press Once**
Start/pause cleaning.
-  **Press Once**
Start spot cleaning.

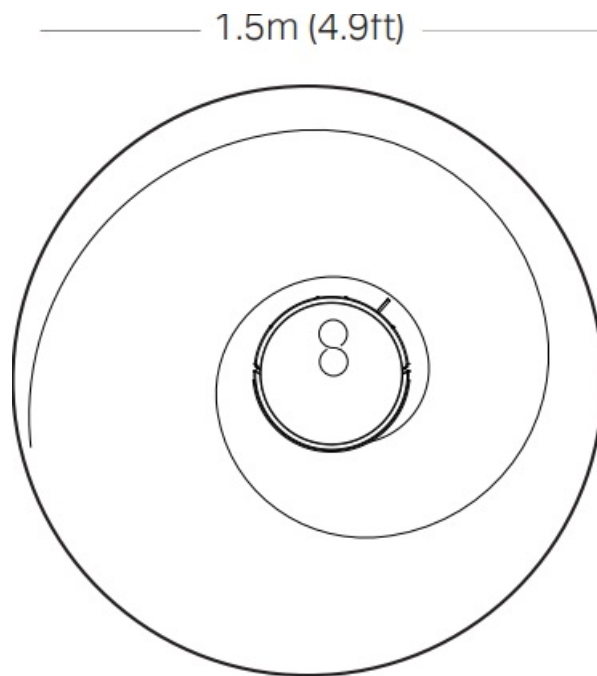
Notes

- Cleaning cannot start if the battery is too low. Charge your robot vacuum first.
- Pick up obstacles like wires, clothing, and plastic bags. Loose wires and objects may get caught in the robot vacuum, resulting in disconnection or damage to wires and property.
- Put away high pile carpeting before cleaning.
- Do not pick up the robot vacuum during cleaning.
- If the cleaning area is too small, the area may be cleaned twice.
- If the robot vacuum is paused for 10 minutes, it will automatically enter sleep mode and the cleaning job will be canceled.

The robot vacuum will automatically explore and clean your home in neat rows. It will return to the charging station at the end of a cleaning job and whenever it needs to recharge.



In Spot Cleaning mode, it will sweep the circular area with a diameter of 1.5m (4.9ft) calculated from its own position.



Care and Maintenance

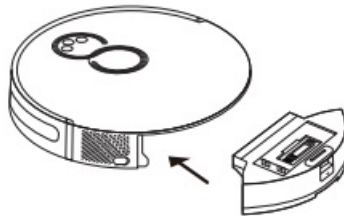
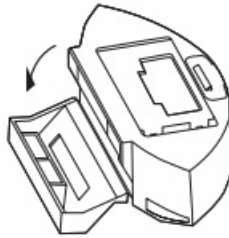
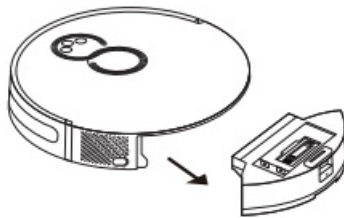
To maintain optimal performance, maintain the robot vacuum according to the following guidelines.

Part	Maintenance Frequency	Replacement Frequency*
Dustbin	Clean/wash as needed	/
Filter	Once a week	3-6 months
Main Brush	Every 2 weeks	6-12 months
Side Brush	Once a month	3-6 months
Caster Wheel	Clean as needed	/
Main Wheels	Once a month	/
Sensors	Once a month	/
Charging Contacts	Once a month	/

*Replacement frequency may vary depending on the actual situation. Parts should be replaced if visible wear appears

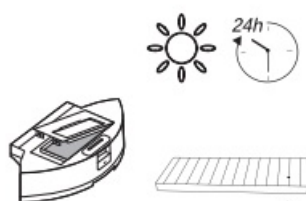
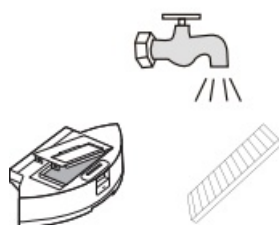
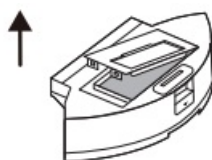
Empty the Bin

1. Remove the dustbin.
2. Open the dustbin door to empty the dustbin.
3. Place the dustbin back inside the robot vacuum.



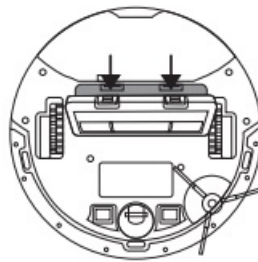
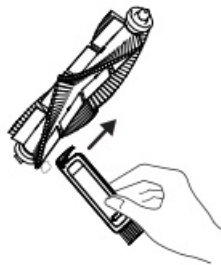
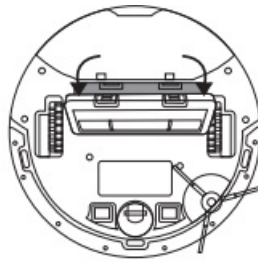
Clean the Filter

1. Remove the dustbin and open the lid.
2. Remove the filter.
3. Clean the filter with a cleaning brush.
4. Wash the dustbin and filter. Do not wash with hot water or detergents.
5. Air-dry the dustbin and filter thoroughly, then install the filter in the previous orientation.



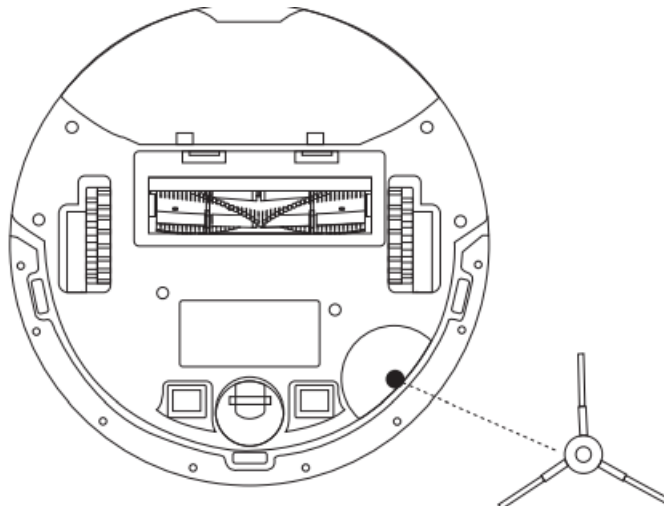
Clean the Main Brush

1. Turn the robot vacuum over, then unlatch and remove the main brush cover.
2. Remove the brush and its end cap.
3. Remove any hair or debris with the cleaning brush.
4. Re-install the cap and main brush. Press on the main brush cover to lock it in place.



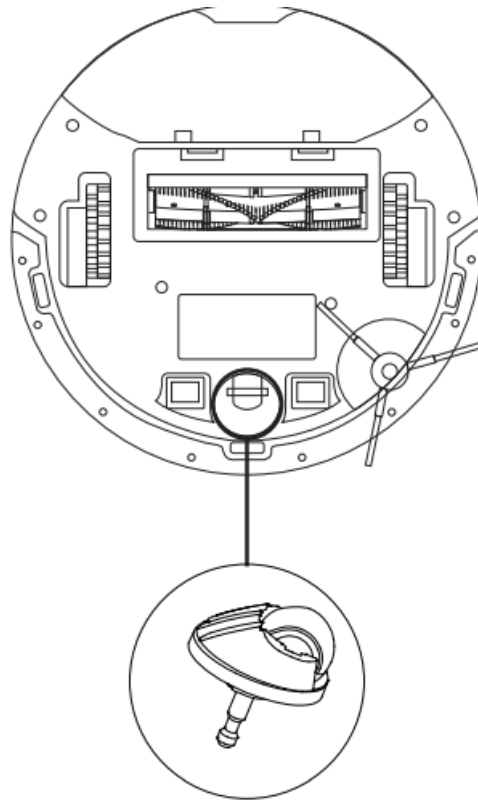
Clean the Side Brush

1. Pull firmly to remove the side brush and remove any entangled debris. Wipe with a damp cloth if needed.
2. Re-install the side brush and press it tightly to ensure it is installed in place.



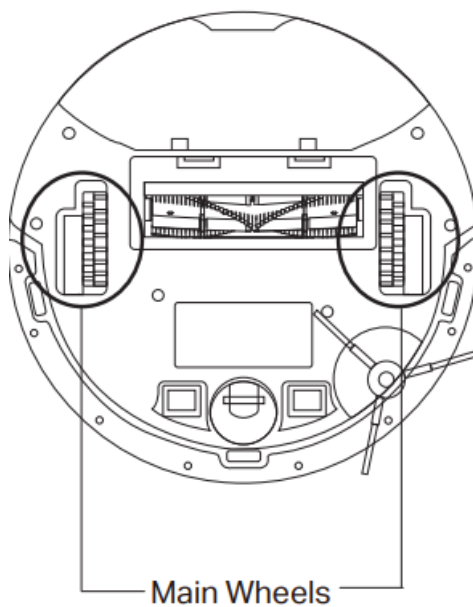
Clean the Caster Wheel

1. Pull firmly to remove the caster wheel and remove hair or dirt.
2. Re-install the caster wheel and press it firmly in place.



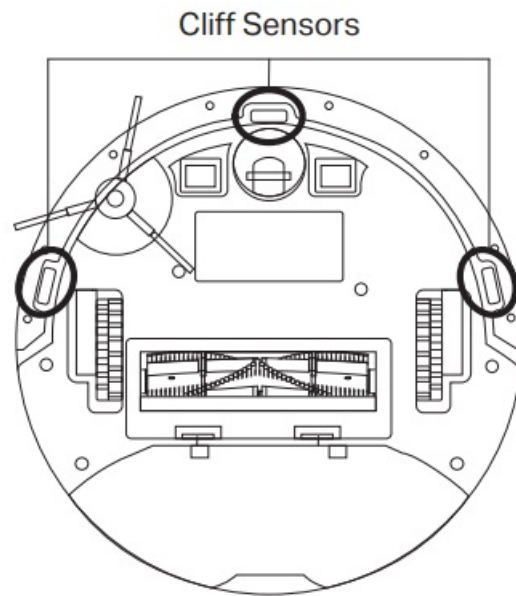
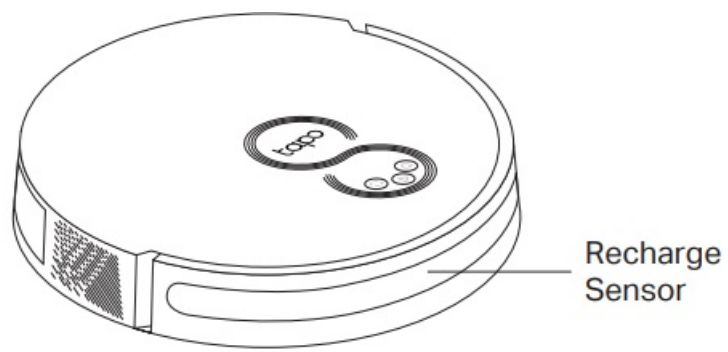
Clean Main Wheels

Wipe main wheels with a clean, dry cloth.



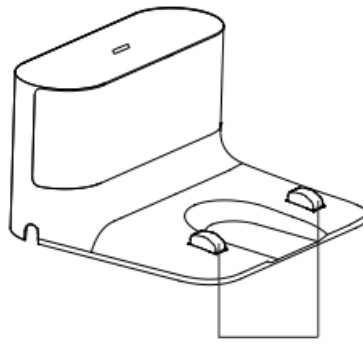
Clean the Sensors

Wipe the sensors with a clean, dry cloth.

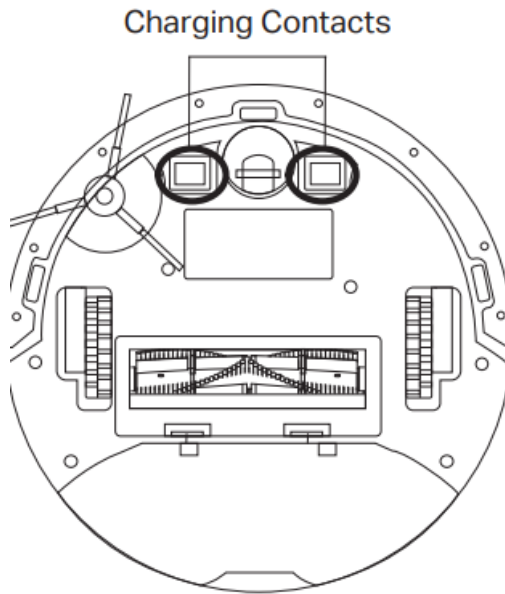


Clean the Charging Contacts

Wipe charging contacts with a clean, dry cloth.



Charging Contacts



Charging Contacts

Troubleshooting

Issues	Solution
Setup failure	<ol style="list-style-type: none"> 1. Check if the power switch on the left side of the robot vacuum is toggled to “ON”. 2. The battery level is low. Please place the robot vacuum on the dock to charge and it will start automatically when it is ready. 3. Check your internet connection or check if you have configured Allow List or Firewall settings on your router.
Charging failure	<ol style="list-style-type: none"> 1. Please remove the robot vacuum and check whether the indicator light of the dock is on, and make sure that both ends of the power adapter of the dock are plugged in. 2. Poor contact. Please clean up the spring contacts on the dock and the charging contacts on the robot vacuum.
Recharge failure	<ol style="list-style-type: none"> 1. There are many obstacles near the dock. Please place the dock in an open area and try again. 2. The robot vacuum is far from the dock. Please place the robot vacuum near the dock and try again. 3. Please clean up the spring contacts on the dock and the recharge sensor/charging contacts on the robot vacuum.
Abnormal operation	Shut down and try again.
Abnormal noise during cleaning	There may be foreign matter entangled in the main brush, side brush or wheels. Please clean up after shutdown.
Decreased cleaning ability or dust leakage	<ol style="list-style-type: none"> 1. The dust box is full. Please clean the dust box. 2. The filter is clogged. Please clean or replace the filter. 3. The main brush is entangled by foreign matter. Please clean the main brush.

Issues	Solution
Failure to connect to Wi-Fi	<ol style="list-style-type: none"> 1. The Wi-Fi signal is poor. Please make sure the robot vacuum is in an area with good Wi-Fi signals. 2. Wi-Fi connection is abnormal. Please reset the Wi-Fi and download the latest app and try again. 3. The password is entered incorrectly. Please check. 4. The robot vacuum only supports the 2.4 GHz frequency band. Please connect to a 2.4 GHz Wi-Fi.
Scheduled cleaning doesn't work	<ol style="list-style-type: none"> 1. The battery level is low. The scheduled cleaning will work when the battery level is above 20%. 2. The cleaning is already in progress when the schedule starts. 3. Do Not Disturb is set in the app. Make sure the schedule is not within the set Do Not Disturb period. 4. There is no internet access for your Wi-Fi network and your robot vacuum has restarted.
Whether the robot vacuum consumes power when it is placed on the dock	The power consumption is very low when the robot vacuum is placed on the dock, which helps the battery to maintain optimal performance.
Whether the robot vacuum needs to be charged for 16 hours for the first three times	Lithium battery has no memory effect when in use, and there is no need to wait when it is fully charged.

If the corresponding issues cannot be solved by referring to the above methods, please contact our Technical Support.

**READ ALL INSTRUCTIONS.
BEFORE USING (THIS APPLIANCE) IMPORTANT SAFETY INSTRUCTIONS**

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

- Do not leave the appliance when plugged in. Unplug from the outlet when not in use and before servicing.
- Do not use it outdoors or on wet surfaces.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only the manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If the appliance is not working as it should, has been dropped,

damaged, left outdoors, or dropped into water, return it to a service center.

- Do not handle plug or appliances with wet hands.
- Do not put any object into openings. Do not use any opening blocked; keep free of dust.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Turn off all controls before unplugging.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without dust bag and/or filters in place.
- 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.
- 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.
- Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- 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.
- 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.
- Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause an explosion.
- 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.
- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- Do not modify or attempt to repair the appliance except as indicated in the instructions for use and care.
- Place the cords from other appliances out of the area to be cleaned.
- Do not operate the vacuum in a room where an infant or child is sleeping.
- Do not operate the vacuum in an area where there are lit candles or fragile objects on the floor to be cleaned.
- Do not operate the vacuum in a room that has lit candles on furniture that the vacuum may accidentally hit or bump into.
- Do not allow children to sit on the vacuum.
- Do not use the vacuum on a wet surface.

SAVE THESE INSTRUCTIONS

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 2011 /65/EU and (EU) 2015/863. The original EU declaration of conformity may be found at <https://www.tapo.com/en/support/ce/TP-Link> hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017. The original UK declaration of conformity may be found at <https://www.tapo.com/support/ukca/>

Safety Information

Keep the device away from water, fire, humidity or hot environments.
Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.

Warning


- Avoid replacement of a battery with an incorrect type that can defeat a safeguard.
- Avoid the disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, which can result in an explosion.
- Do not leave a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; Do not leave a battery subjected to the extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

The instructions shall state the substance of the following:

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The appliance is only to be used with the power supply unit provided with the appliance.
- **WARNING:** For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance.
- The appliance contains a 2600mAh lithium-ion battery.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge
- if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- **For the EU/UK Region**

Operating Frequency: 2400MHz~2483.5MHz / 20dBm 2402~2480MHz / 10dBm

Documents / Resources

	tapo RV10 V1 Robot Vacuum and Mop Smart Auto-Empty Dock [pdf] Installation Guide RV10 V1 Robot Vacuum and Mop Smart Auto-Empty Dock, RV10 V1, Robot Vacuum and Mop Smart Auto-Empty Dock, Vacuum and Mop Smart Auto-Empty Dock, Mop Smart Auto-Empty D ock, Smart Auto-Empty Dock
---	--

References

- [tapo Support | Tapo](#)
- [tapo Regulatory Compliance | Tapo](#)
- [tapo UKCA | Tapo](#)