



Robot vacuum cleaner

User manual

SR10J50*** Series

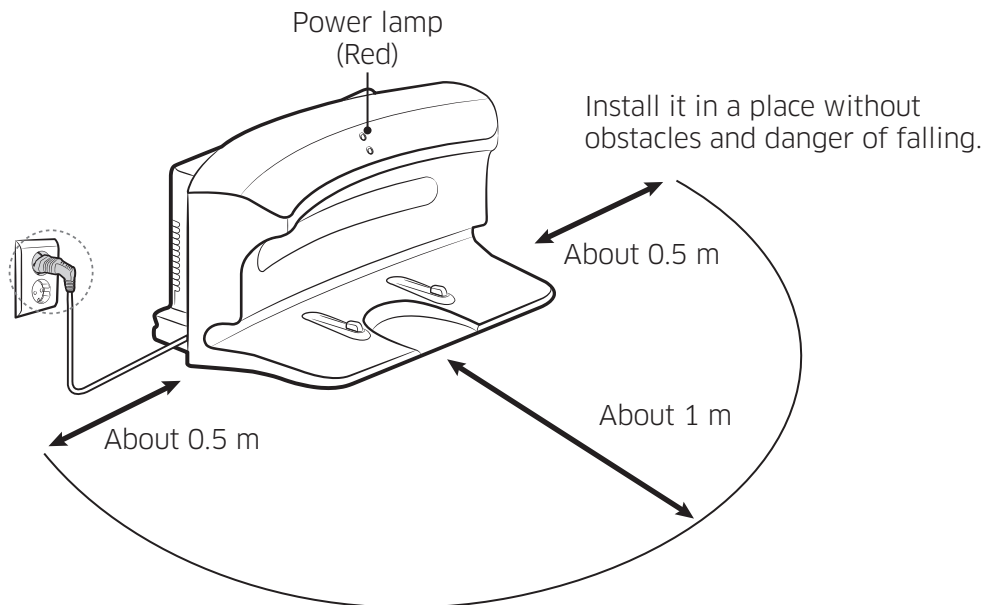
- Before operating this unit, please read the instructions carefully.
- For indoor use only.



SAMSUNG

Installation

Power of the charger must be on at all times.



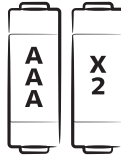
NOTE

- Install the charger in a place where the floor and wall are level.
- Install the charger along the grain of wooden floors.
- If the power switch is off, the robot vacuum cleaner will not charge even if it is docked on the charger.
- Always turn on the power of the charger.
 - If power is not supplied to the charger, the robot vacuum cleaner cannot find it and cannot automatically recharge.
 - If the robot vacuum cleaner is left detached from the charger, the battery will drain naturally.
- If the robot vacuum cleaner is in energy-saving mode, power will not come on even if the power switch is turned off and then on. Press and hold the Start/Stop button on the robot vacuum cleaner.

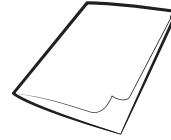
Accessories



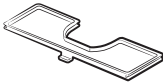
Remote control (Option)



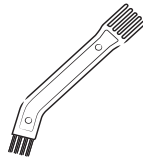
Batteries
[AAA type (Option)]



User manual



Spare filter (Option)



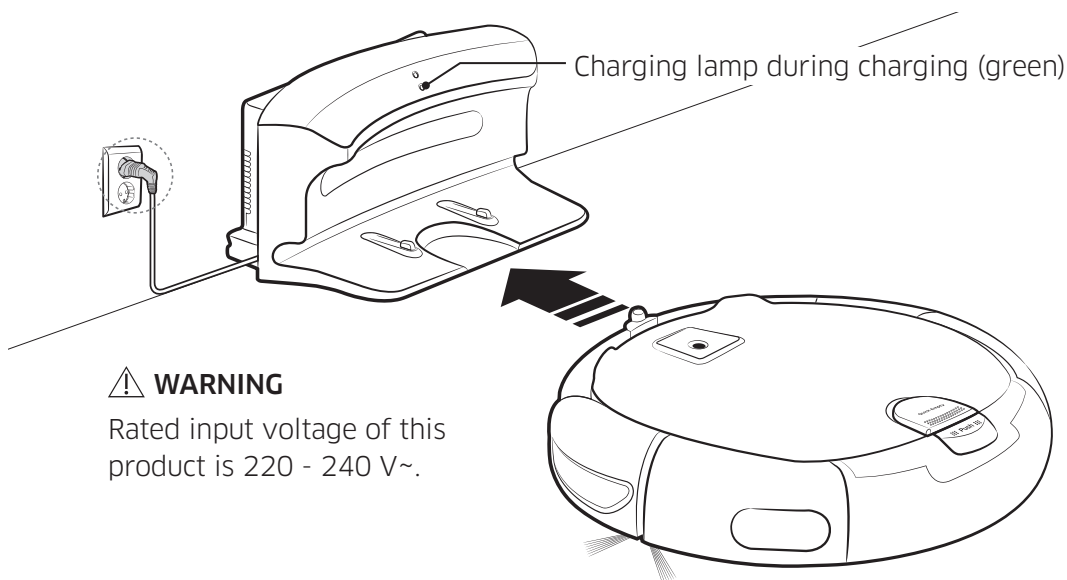
Cleaning brush



Virtual guard (Option)

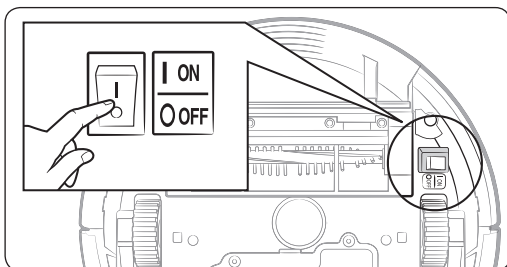
Charging

It takes approximately 120 minutes to completely charge when charging for the first time after purchase and can be used for approximately 90 minutes.



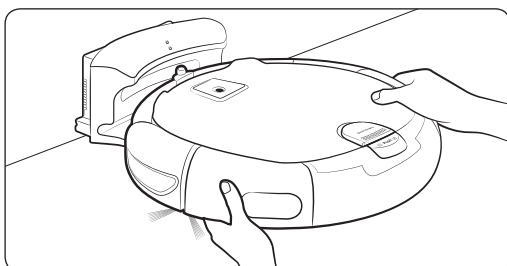
⚠ WARNING

Rated input voltage of this product is 220 - 240 V~.



1 Turn on the power switch on the bottom.

You must turn on the power switch to turn on the robot vacuum cleaner.



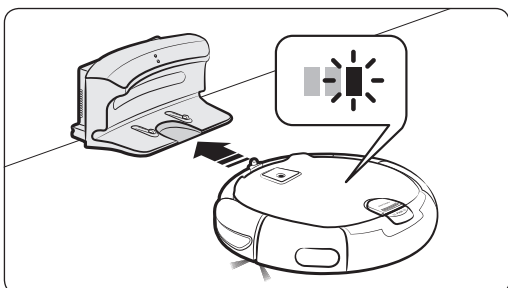
2 Manually charge the robot vacuum cleaner by placing it on the charger.

Make sure the charge pins of the robot vacuum cleaner and the charger is aligned.



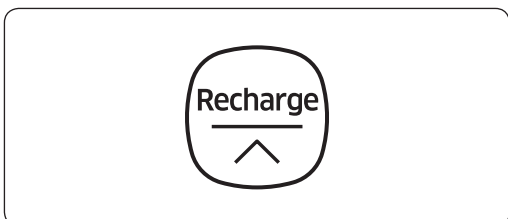
3 Check the charging status.

"88:88" will turn on according to charging progress and "FULL" will turn on when charging is complete.



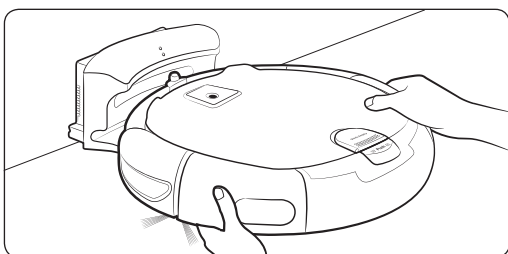
Automatic charging

When the battery indicator blinks during cleaning, the robot vacuum cleaner will return to the charger to charge itself automatically.



Recharge

You can command the robot vacuum cleaner to recharge at the charger while it is in cleaning process.



Low battery (Lo)

Manually charge the robot vacuum cleaner by placing it on the charger.

✓ Steps to take if recharging is not being executed.

Check the installation status of the charger when:

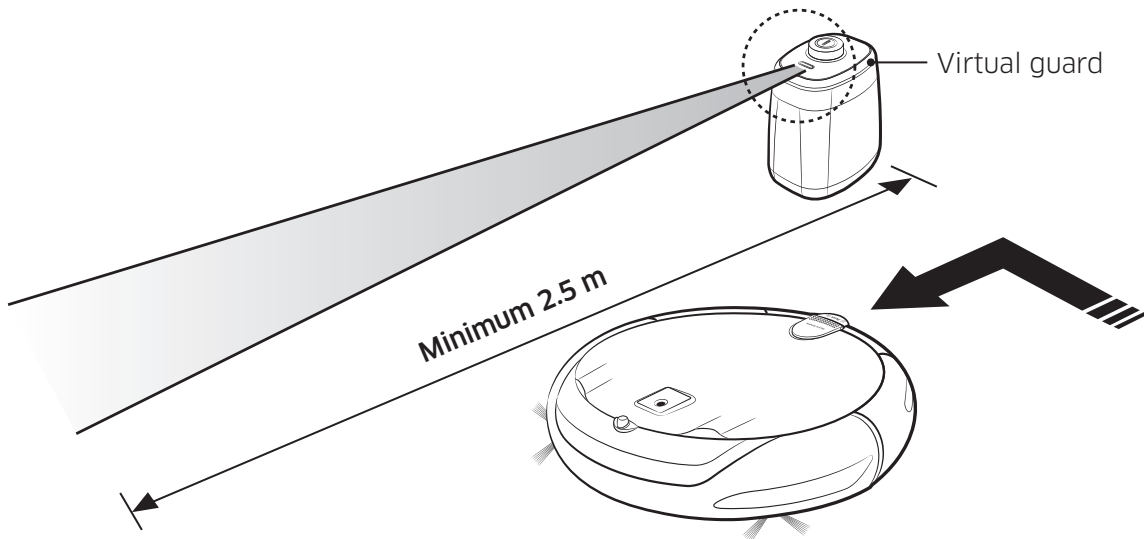
- the charger is located in a place where the robot vacuum cleaner cannot easily access.
- distance between the charger and robot vacuum cleaner is over 5 m apart.
 - It may take a long time for the robot vacuum cleaner to return to the charger for recharging.

Manually charge the robot vacuum cleaner when:

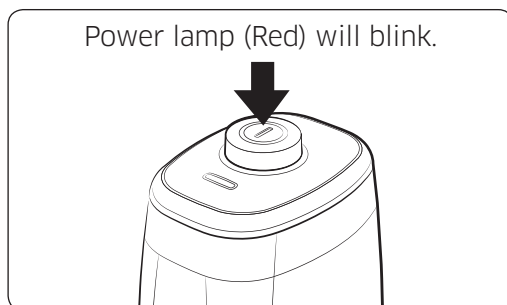
- the charger is located in a corner.
- battery is fully exhausted.
- the robot vacuum cleaner is stuck by obstacles (furniture etc.).
- the robot vacuum cleaner can't climb threshold near charge. (Height of the threshold that the robot vacuum cleaner can climb: about 1.5 cm and below)
- when the battery indicator blinks and "Lo" is displayed.
- when the robot vacuum cleaner is set on Spot clean or Manual clean mode.

Installing the virtual guard (Optional)

Infrared ray from the Virtual guard will restrict the robot vacuum cleaner from approaching certain areas.



The distance of virtual wall is 2.5 m at minimum and may differ depending on surroundings and movement status of the robot vacuum cleaner.

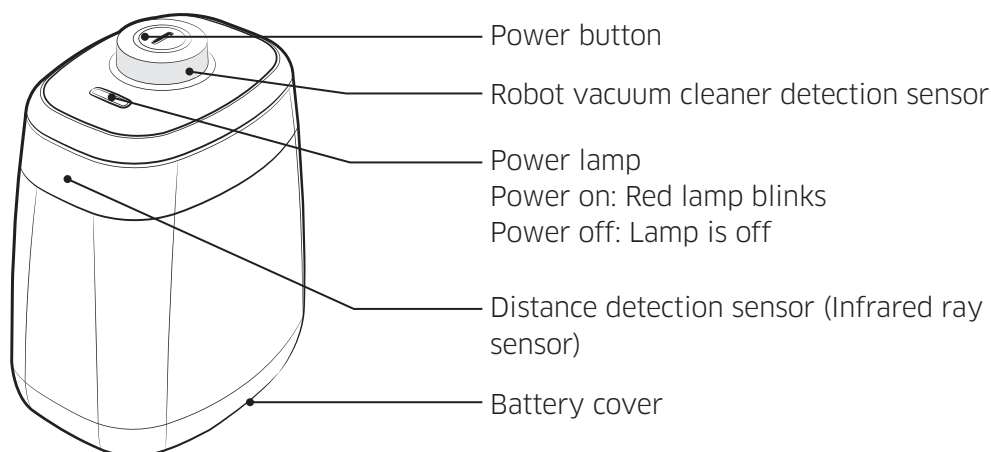


1 Press the Power button to turn it on.

2 Install the Virtual guard where you want to restrict the robot vacuum cleaner's entrance.

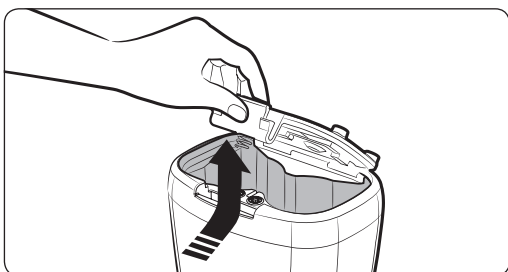
Make sure that the distance sensor is facing in the desired direction you want to create a invisible barrier (which will restrict the robot vacuum cleaner's approach).

Part name of the virtual guard

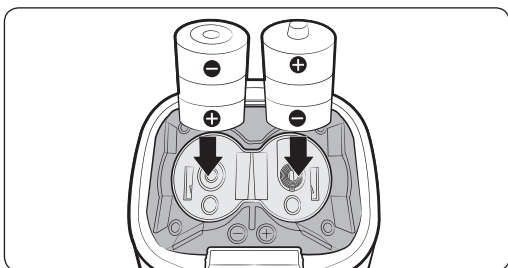


Inserting batteries

Batteries for the Virtual guard must be purchased separately.



- 1 Open the battery cover of the Virtual guard by pressing the locking tab and lift it up.



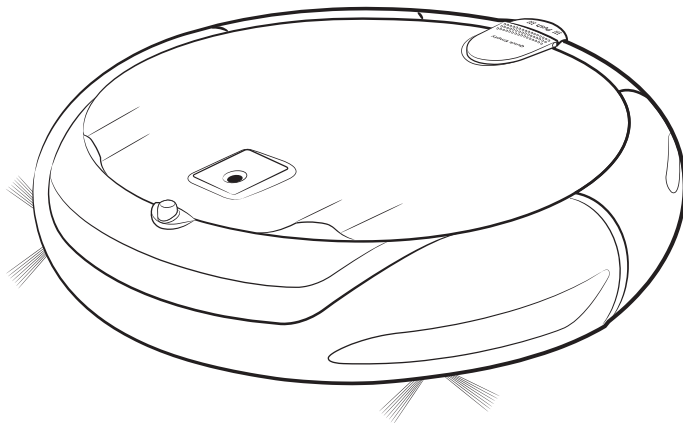
- 2 Insert the batteries (D type) as shown in the illustration (check the +, - polarity).



- 3 Insert the tip of the cover into the slot and push the other end to close the battery cover.

Using the robot vacuum cleaner

You must turn on the power switch before using the robot vacuum cleaner.



Turning the power on/off

Turn on/off the power switch on the bottom of the robot vacuum cleaner.

⚠ WARNING

- When the robot vacuum cleaner is not used for 10 minutes, power will turn off automatically.

Start
Stop

Using auto clean mode

The robot vacuum cleaner moves and cleans automatically until it cleans an entire space once.

✱ Stop cleaning: Press the  button shortly

Mode
↓ → Start
Stop

Using the cleaning modes

You can select the desired cleaning mode.

Recharge
↑

Recharge

You can command the robot vacuum cleaner to recharge at the charger automatically while it is in cleaning process.

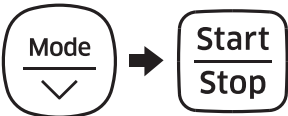

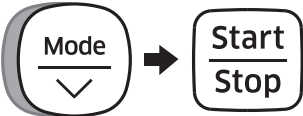

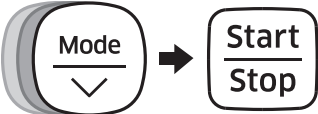
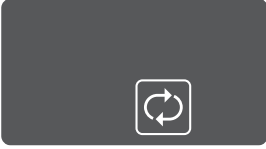
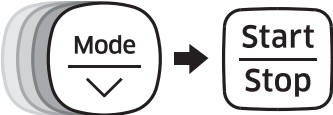

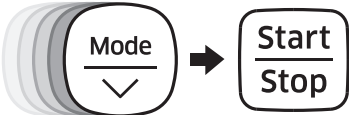
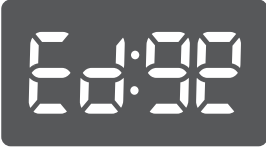
Schedule
OK

Setting schedule

You can set or cancel on-time or daily schedule.

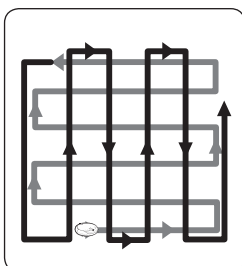
✱ Refer to “Setting the schedule”.

Selecting cleaning mode

Cleaning mode	How to select	Displayed icon
Auto clean	Press once 	
Spot clean	Press twice 	
Max clean	Press 3 times 	
Manual clean	Press 4 times  <p>* Direction control can be done only by the remote control.</p>	
Edge clean	Press 5 times 	

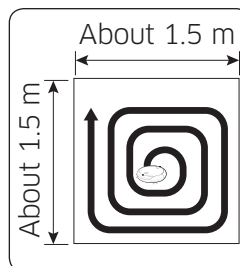
* When the robot vacuum cleaner is being charged, you can only select the Auto clean, Max clean or Edge clean mode.

Cleaning method for each mode



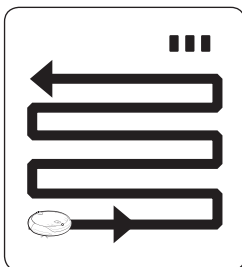
Auto clean

Cleans automatically until an entire space is cleaned once.



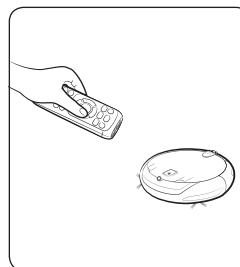
Spot clean

Cleans a localized area intensely. It can be used to clean bread or cookie crumbs.



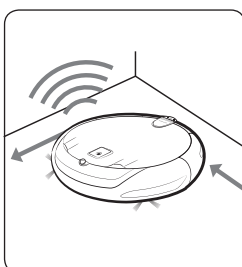
Max clean

Cleans until the battery is depleted.



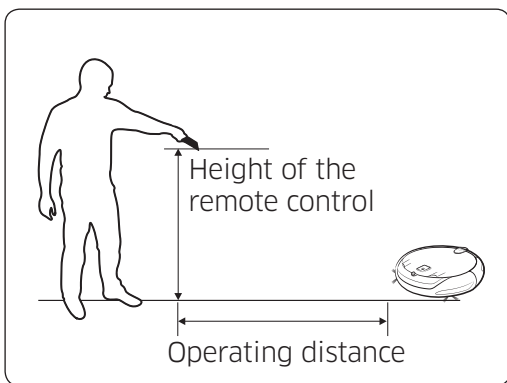
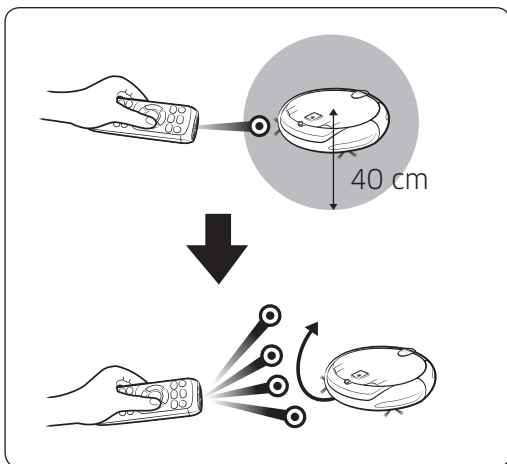
Manual clean

You can move the robot vacuum cleaner with the remote control to clean the desired spot.



Edge clean

Cleans the corners by reaching to them as close as possible.



05 Point cleaning

Only available with A type remote control

You can use the remote control to point and clean the desired spot while the robot vacuum cleaner is in cleaning process.

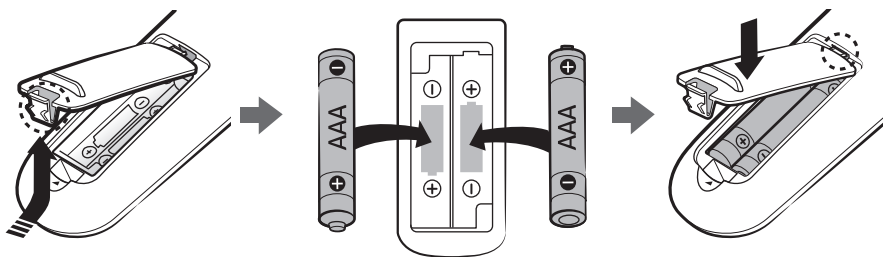
- Point the red light on the floor within 40 cm around the robot vacuum cleaner's location.
- Press and hold the Point cleaning button to move the red light to the desired spot. The robot vacuum cleaner will follow the light while cleaning.

Operating distance of the remote control

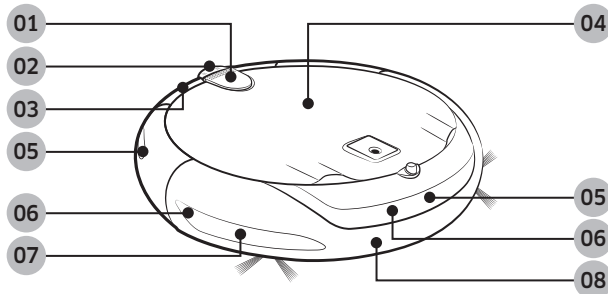
Height of the remote control	0.5 m	1 m	1.5 m
Operating distance	About 1.5 m	About 2 m	About 2.5 m

✓ Inserting batteries

Open the battery cover by lifting it up while pressing the locking tab and insert the batteries as shown in the illustration. Then, close the cover until it clicks into place.

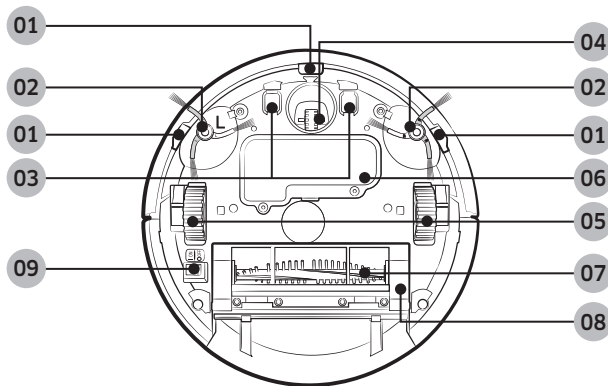


Name of each part



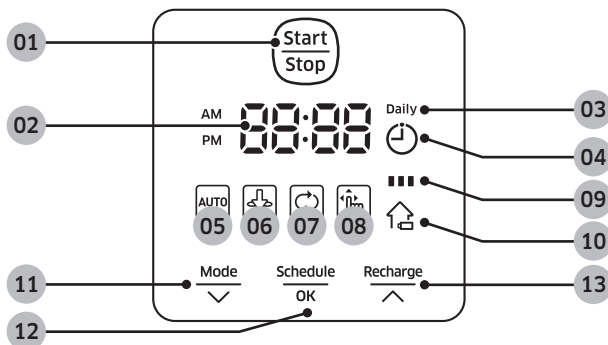
Top

- 01 Quick Empty cover (Option)
- 02 Dustbin button
- 03 Dustbin
- 04 Display panel
- 05 Remote control sensor
- 06 Obstacle sensor
- 07 Virtual guard sensor (Option)
- 08 Bumper sensor



Bottom

- 01 Cliff sensor
- 02 Side brush
- 03 Charge pin
- 04 Roller
- 05 Driving wheel
- 06 Battery cover
- 07 Power brush
- 08 Power brush cover
- 09 Power switch



Display panel

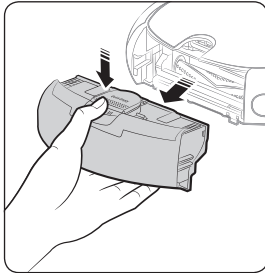
- 01 Start/Stop button
- 02 Number display
- 03 Daily schedule
- 04 One-time schedule
- 05 Auto clean
- 06 Spot clean
- 07 Max clean
- 08 Manual clean
- 09 Battery indicator
- 10 Recharging
- 11 Cleaning mode button
- 12 Schedule button
- 13 Recharge button

Cleaning and maintaining

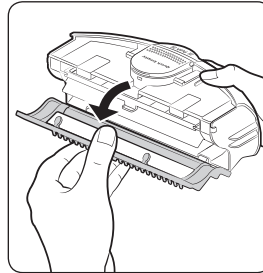
You must turn off the power switch before cleaning the robot vacuum cleaner.

Cleaning the dustbin

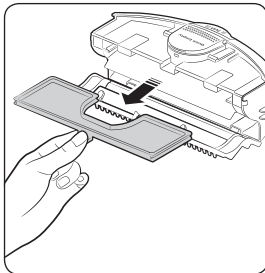
Clean the dustbin if there's too much dust in the dustbin.



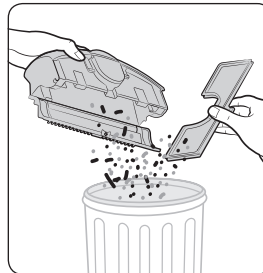
1 Remove the dustbin



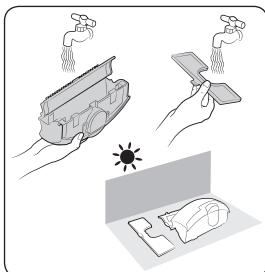
2 Open the dustbin cover



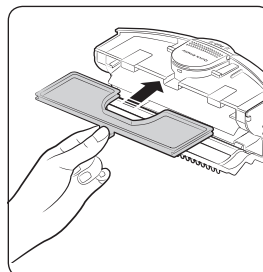
3 Remove the filter from the dustbin



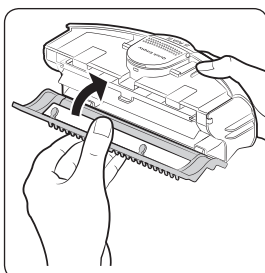
4 Remove dust in the dustbin and the filter



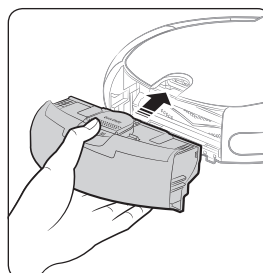
5 Wash the dustbin and the filter



6 Reassemble the filter into the dustbin



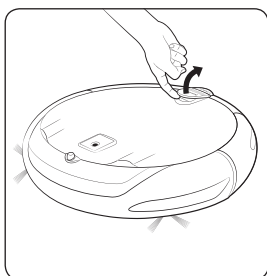
7 Close the dustbin cover



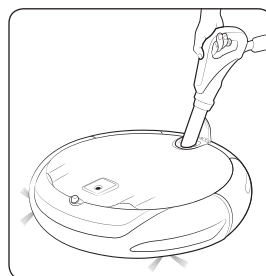
8 Reinsert the dustbin into the robot vacuum cleaner

Emptying the dustbin (Quick Empty)

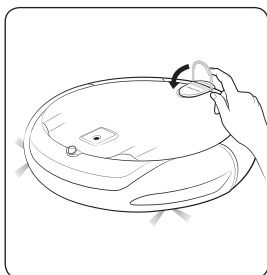
Use the Quick Empty cover for emptying the dustbin easily.



1 Open the Quick Empty cover

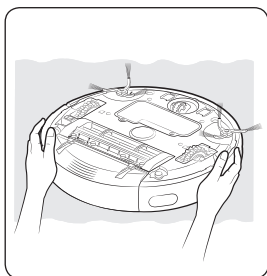


2 Remove dust in the dustbin with a vacuum cleaner

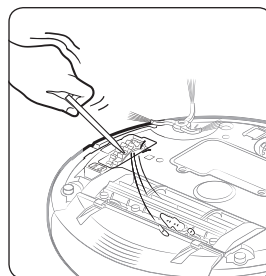


3 Close the Quick Empty cover

Cleaning the driving wheel



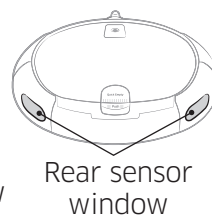
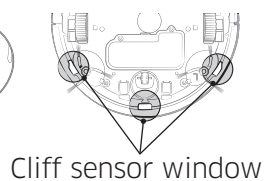
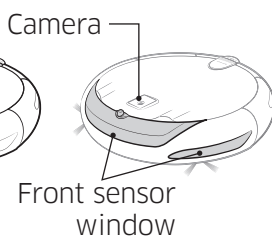
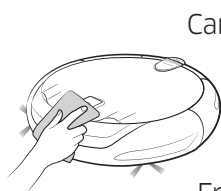
1 Put a soft cloth on the floor and place the robot vacuum cleaner upside-down



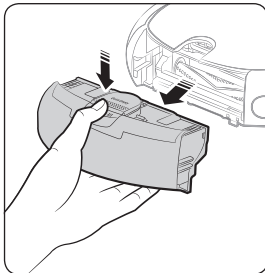
2 Use a blunt rod or tweezers to remove the foreign matters

Cleaning the sensors and the camera

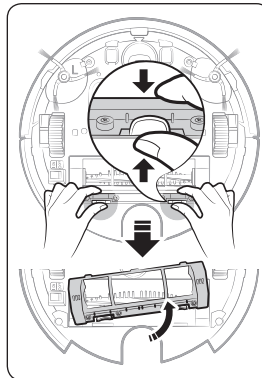
Lightly wipe with soft cloth.



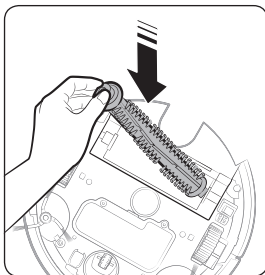
Cleaning the power brush



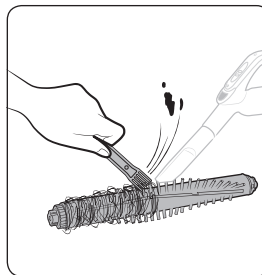
1 Remove the dustbin



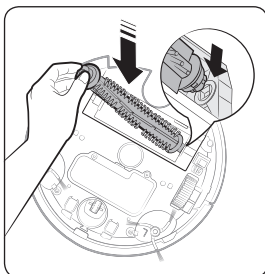
2 Remove the power brush cover



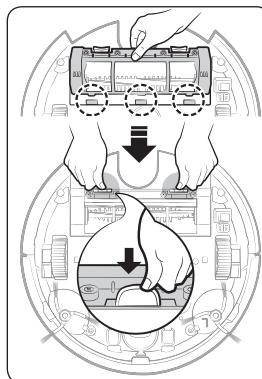
3 Remove the power brush



4 Clean the power brush



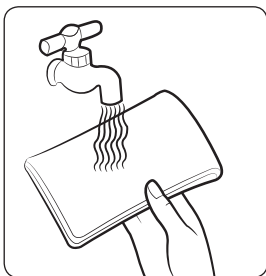
5 Reassemble the power brush



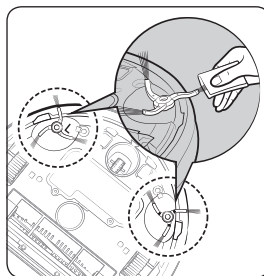
6 Reassemble the power brush cover

Cleaning the side brush

Clean the side brush if there's foreign matter on the brush.

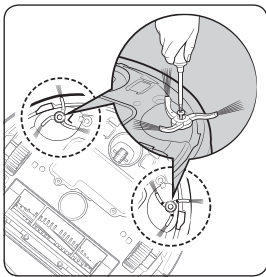


- 1** Dip soft cloth into warm water

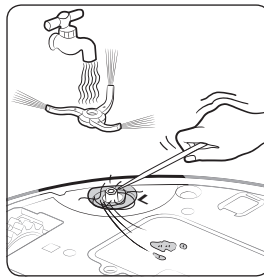


- 2** Wrap the side brushes with the cloth for about 10 seconds and then wipe it

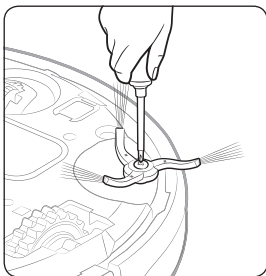
If hair or string is caught between the main unit and the side brush, follow the below steps.



- 1** Remove the side brushes



- 2** Clean the side brushes



- 3** Reassemble the side brushes