

User Manual

Model: NG-RV2100

Version: 1.0

English

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Important Notes

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

READ ALL INSTRUCTIONS BEFORE USING (THIS APPLIANCE)

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

- 1) Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
- 2) Do not use in outdoors or on wet surfaces.
- 3) Do not allow to be used as a toy. Close attention is necessary when it is used by or near children.
- 4) Use only as directed by this manual. Use only the attachments that the manufacturer recommends.
- 5) Do not use with damaged cord or plug. Return the appliance to a service center if it has been dropped, damaged, left outdoors, or dropped into the water but is still networking as it should.
- 6) Avoid using wet hands to handle plugs or appliances.
- 7) Do not insert anything into openings. Keep all openings clear of dust, lint, hair, and other obstructions that can restrict airflow; do not use with any openings blocked.
- 8) Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- 9) Turn off all controls before unplugging.
- 10) Use extra care when cleaning on stairs.
- 11) Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- 12) Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- 13) Do not use without dust bag and/or filters in place.
- 14) 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.
- 15) 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.
- 16) Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- 17) Avoid contact when liquid may be ejected from the battery under abusive circumstance. 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.

Important Notes

- 18) 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.
- 19) Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- 20) 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.
- 21) Allow a qualified repair person to service using only identical replacement parts. This will ensure that the product's safety is maintained.
- 22) Do not modify or attempt to repair the appliance except as indicated in the instructions for use and care.
- 23) This product is used for household, not for commercial use.
- 24) For use only with CMICR18650F8M7-452P (or provided by manufacturer) battery pack. For use only with NLC090200W1U1558 (or provided by manufacturer) charger.
- 25) 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.
- 26) Children should be supervised to ensure that they do not play with the appliance.
- 27) The appliance is only to be used with the power supply unit provided with the appliance.
- 28) Batteries in this appliance can only be changed by qualified persons.

SAVE THESE INSTRUCTIONS

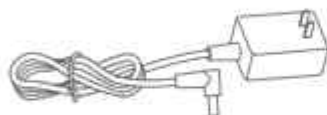
What's in the Box



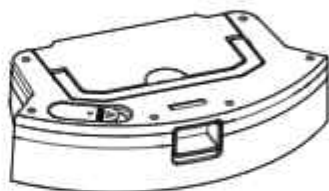
Robot Vacuum X1



Charger X1



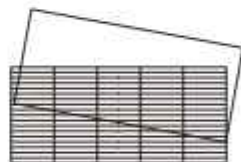
Adapter X1



Two-in-one Water Pump Tank X1



Brush in left X2
Brush in right X2



HEPA and Filter Sponge X1



Quick Start Guide X1



Cleaning Brush X 1

Product Overview

1.Top view



Recharge Key/Pause

· Short press to Start/Pause recharging.



ON/OFF/Clean/Pause

- Press and hold it for 3s to turn on/off the machine.
- Short press to Start/Pause cleaning.
- Under abnormal circumstances, press and hold it for 15s to force the shutdown.

Reset WiFi

- Press two buttons simultaneously and hold it for 3s.

2.Side View

Laser Ranging Sensor

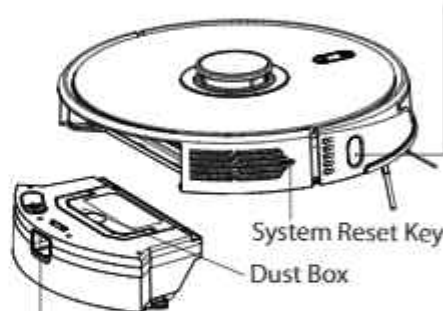
Anti-collision Sensor

Recharge Sensor

Linear Laser Sensor

Left Recharge Sensor

Linear Laser Wall Sensor



System Reset Key

Dust Box

Dustbin Push Button

3.Bottom View

Right Side Brush

Battery Cover

Right Driving Wheel

Charging Contact

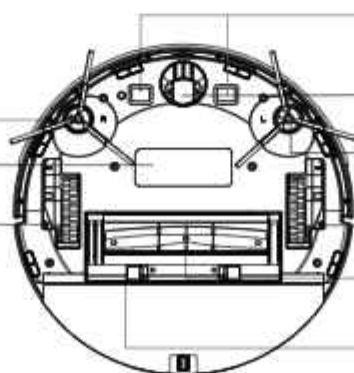
Universal Wheel

Left Side Brush

Left Driving Wheel

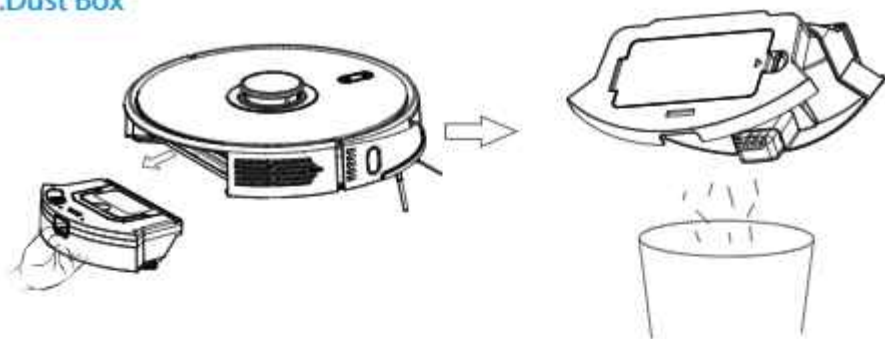
Rolling Brush

Rolling Brush Cover Buckle

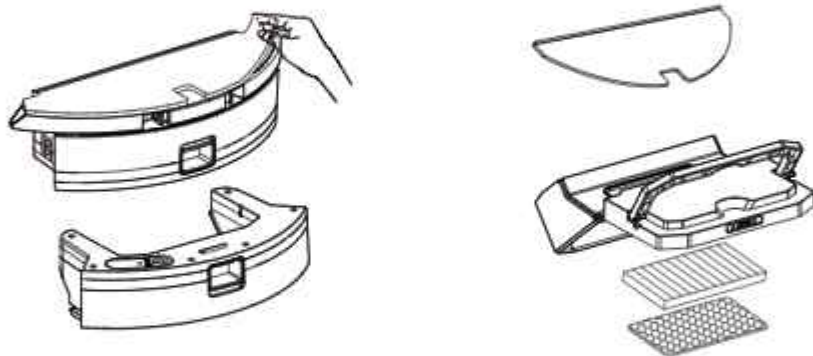


Other Accessories

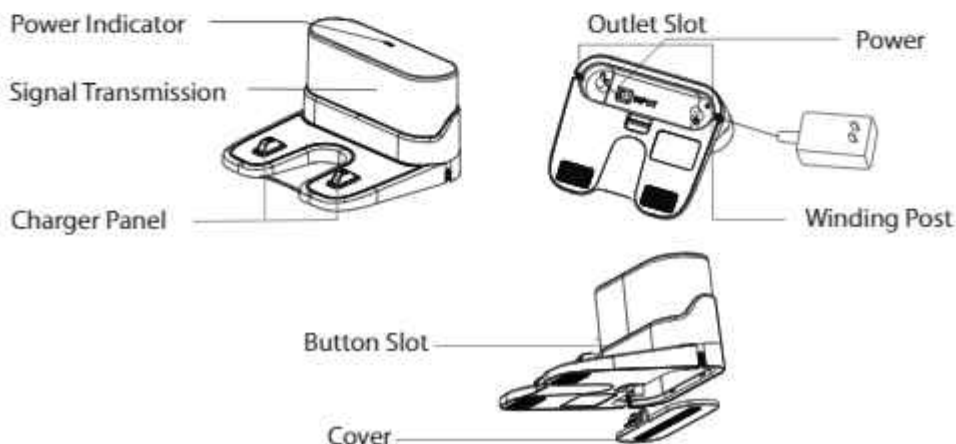
1.Dust Box




2.Two-in-one Water Pump Tank



3.Charger



Keys and Indicators

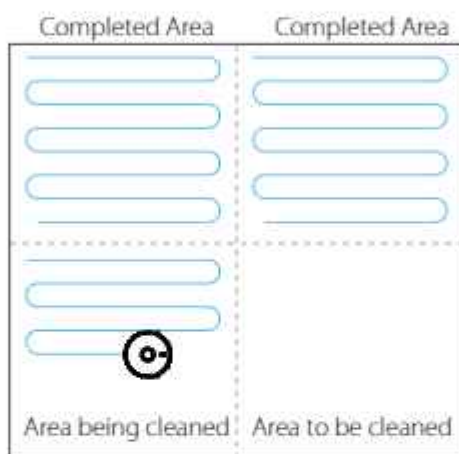
Graphic	Machine State	Network State	Recharging Key	Power Button	Remarks
<div>Recharging Key</div>  <div>Power Key</div>	Machine Boot	No distribution network	The orange light flashes slowly until it goes out	The orange indicator blinks slowly until steady on	
		Has distribution network	The blue light blinks slowly until it goes out	The blue indicator blinks slowly until steady on	
	Machine Cleaning	No distribution network	lights out	Orange light on	electricity > 20%
		Has distribution network	lights out	Blue light on	
	The machine works on low electricity	No distribution network	lights out	The orange indicator blinks slowly	electricity < 20% to 15%
		Has distribution network	lights out	The blue light blinks slowly	
	The machine is recharging	No distribution network	Orange light on	lights out	electricity > 20%
		Has distribution network	Blue light on	lights out	
	Low power recharging of the machine	No distribution network	The orange indicator blinks slowly	lights out	electricity < 20% to 15%
		Has distribution network	The blue light blinks slowly	lights out	
	The machine is in standby	No distribution network	lights out	Orange light on	
		Has distribution network	lights out	Blue light on	
	Machine in sleep	No distribution network	lights out	lights out	
		Has distribution network	lights out	lights out	

Cleaning Mode

Automatic Total Cleaning

You can use Mobile APP or the button  on the robot to enter this mode.

The machine will automatically scan the room and generate a map, and divide the map into several zones. In each zone, robot will start edge cleaning firstly and then would be planning to clean the whole area in a zig-zag path. The machine will complete the cleaning in each partition one by one, orderly and efficiently, full coverage and without omission. After completing the whole cleaning, the machine will automatically return to the charging station.



Note:

Do not move the robot casually and frequently while it is cleaning. After moving, please put the robot near the original position and then re-start it, and the robot will try to reposition itself. If positioning is successful, the robot will follow the planned path and continue to work. If the positioning failed, the robot will abort all previous mission, and then scan the room map and start a new cleaning. When it completes the cleaning it may not find the charging station.

Spot Cleaning

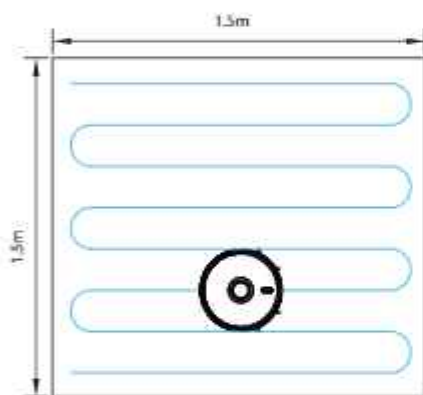
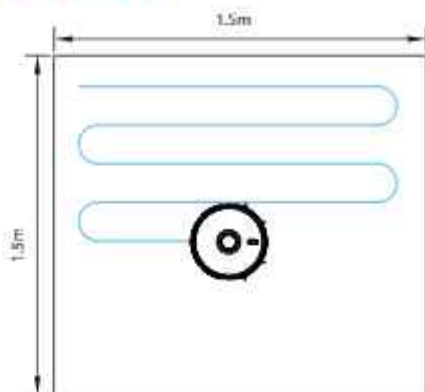
You can use the mobile APP to enter this mode.

The robot will take the point of its placement as the center, start an auto cleaning in a square area of 1.5m*1.5m. It will clean along the edge firstly, after the edge path is closed the robot will start a zig-zag cleaning in this area for two times with the 3rd gear suction, and finally complete a # shape path. After completion of the cleaning, the machine will automatically return to the charging station.

Cleaning Mode

User-defined Area Cleaning

You can use Mobile APP to set the size and location of an area where you want to clean and custom region: region merge, region split, region name, region customization (set suction and water volume of the region), and region cleaning sequence. You can set one or more areas. The robot will clean these areas according to your set.



Local Cleaning

You can use mobile APP or remote controller or long press the button on the robot for 3s to enter this mode. The robot will take the point of its placement as the center and start an auto cleaning in a square area of 1.5m*1.5m. It will clean along the edge firstly, after the edge path is closed robot will start a zig-zag cleaning in this area for two times, and finally complete a # shape path. After completion of the cleaning, the machine will automatically return to the charging station.

Electoral District Cleaning

- You can use the mobile APP setting to select the divided area and perform cleaning, which can support multiple selection.
- Before using this function, you must complete a planned cleaning task, and clean the map area according to different colors.
- After the cleaning starts, the host may enter outside the selected area. Please pay attention to clear the ground obstacles around the selected area. This area does not provide safe isolation.

Cleaning Mode

Clean Exclusion Area / Virtual Wall / Floor Area

Use the mobile phone APP to set up cleaning forbidden area / virtual wall / mopping forbidden area. After the setting, the sweeping robot will not enter the forbidden area and the virtual wall isolation area during cleaning and mopping. And the set mopping forbidden area will only enter the sweeping mode after the installation of the mop bracket.

Note:

- The machine may enter the restricted area due to wrong positioning, abnormal sensors and other reasons. The permanent restricted area fail due to large changes in the location of charging seat and furniture, so don't try in the equipment work, moving or obvious changes in the home environment may lead to the failure of the map and the loss of the virtual wall / restricted area.
- Use this function to open the map and edit the saved map in the APP to facilitate the next cleaning.
- This function is only used to divide sweeping areas and is prohibited to block hazardous areas.

Carpet Cleaning Preferences

- Carpet supercharged switch
- Adaptive: When adjusting the carpet, automatically adjust the suction and water outlet.
- Avoid: When the carpet is recognised, it will not clean the carpet area.
- Ignore: While identifying the carpet, ignore the carpet area, clean the carpet and then wet the carpet.

Schedule Cleaning

- You can schedule a cleaning task via mobile APP or remote control.
- The robot will start a total cleaning automatically at the appointed time and return to the charging station after finishing the task.
- Mobile APP also support suction setting, water amount setting, cleaning area setting, cycle timing setting, and cleaning times for a schedule cleaning task.

Do not Disturb Mode

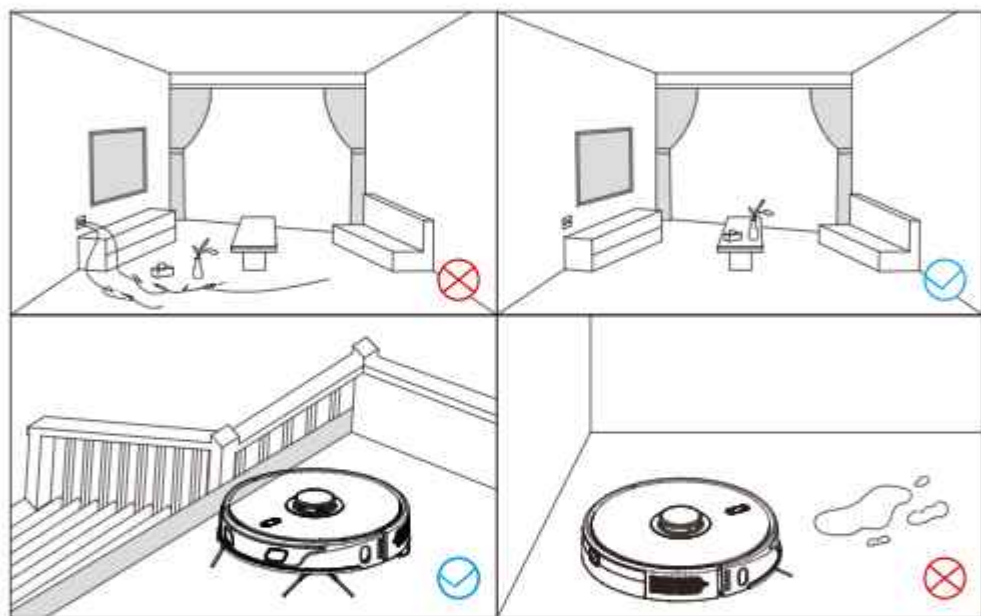
During the silent time period, the sweeper will turn off the voice, close the breakpoint needs to sweep, and you can use the mobile phone APP to turn on or off the silent mode.

Note: Do not move the equipment arbitrarily and frequently at work.

Installation Steps

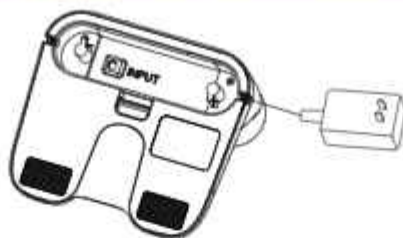
Special Tips

1. Please clear the scattered wire and debris on the ground before starting, and remove the easy, fragile, valuable and potentially dangerous items. Avoid personal or property damage caused by winding, getting stuck, dragging or falling down by the main engine.
2. If the product is used in suspended environments, make sure to use a strong physical barrier to prevent personal or property damage caused by an accidental fall of the host machine.



Installation Steps

1. Connect the power cord, and then put the excess wire into the wire box.



2. Place the charging stand against a wall on a flat floor, and then connect to power.

Note:

- Make sure there is a space of more than 0.5 meters on both sides and more than 1.5 meters on the front.
- While installing, try to keep the power cord in the air; if it is close to the ground, it may be dragged by the host, causing the charging stand to lose power.
- The charging indicator light is always on when the power is on.

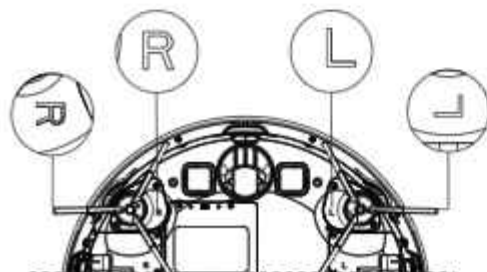


3. Please keep the charging station out of direct sunlight and don't move it around unnecessarily.

Note:

- Direct sunlight will interfere with recharging signal and consequently the robot may be unable to return to the charging station.

4. Installation of the Side Brush



Make sure that the left side brush and the right side brush correspond to L and R on the bottom casing, press L and R side brushes after installation, and tighten the fixing with the screws.

Installation Steps

5. Starting up or Charging

- Long press the button  for 3s to start up the robot.



Note:

If there is insufficient power, set the host on the charging stand and the device will turn on automatically, because the device can only work correctly when the power is at least 20%. (as the picture shows).

The front end of the machine is facing the charging stand, so that the charging contacts on the main unit are in contact with the charging shrapnel and the distance between the front end of the machine and the charging stand is about 0 to 2cm.

Mopping Components

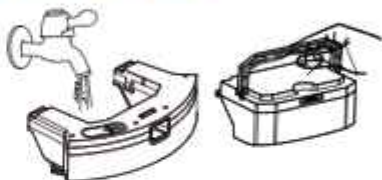
1. Install the rag: Smoothly stick the wiping cloth to the bottom of the mopping bracket.



Note: Please wash and clean the wiping cloth after each use and keep the cloth clean to ensure the cleaning effect.

2. Fill in the water tank: Remove the cap from the water tank's cover and fill it with water. Fasten the cap again on the water tank cover.

Note: Please remove the dust box from the 2-in-1 water tank before filling it with water to prevent water falling into the dust box. Lift the handle of the dust box and take the dust box out of the 2-in-1 water tank. Then fill the water tank with water and fasten the lid.

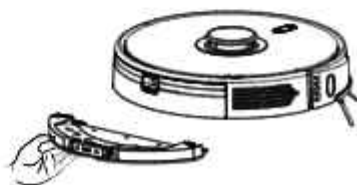


3. Install the water tank: Put the dust box into the water tank, and put the hand flat.



Press the button in the middle of the water tank and push it horizontally along the rear part of the host machine. The water tank is installed in place when you can hear a "click" sound.

Push the mopping bracket, horizontally along the rear part of the host machine. The mopping bracket is installed in a place when you can hear a "click" sound.



Mopping Components

4. Remove the water tank:



When the host completes the work, press and hold the buttons on both sides in the middle of the mop bracket. Remove the mop bracket backward, and clean the cloth (Do not move or flip the host during work).

After removing the mopping bracket, press the button in the middle of the water tank and pull out the 2-in-1 water tank horizontally along the rear part of the host machine. Remove the dust box and clean up the garbage, wash and clean its HEPA filters. Pour out the residual water in the water tank. (Do not turn over the host machine during removal)





5. Instructions for using water tank:

- 1) When the water tank is not in use, please do not use it.
- 2) When the water tank is being filled or left unused, please remove it for safety reasons.
- 3) Please do not mop the carpet. The robot can be prevented from entering the carpet area by setting restricted area through APP.
- 4) The mopping bracket should be installed/used after the floor has been swept three times for a better mopping effect.
- 5) If you need to add water or clean the wiping cloth while the robot is working, please pause it first, then follow the preceding instructions to prevent losing the map and failing to position it.
- 6) This robot's mopping function is designed for wiping and is suitable for deep cleaning. It is unable to adequately remove stubborn stains and replace the workforce.


Instructions for Use

On/Off button

1. Long press the button  for 3s until the indicator lights is steady on, the robot voice prompt "Power On". Robot is turned on successfully.
2. While the machine is in standby state, long press the button  for 3s until the indicator light turn off, robot voice prompt "Power off".

Note: Robot cannot be shut down when it is in charging.

Start/Pause cleaning

After the robot turned on, short press the button  on the host machine or use mobile APP to start/pause cleaning. (Press any key in APP to pause cleaning)

Note:

- The robot vacuum cleaner cannot be used to remove liquids.
- If the battery level is less than 15%, the robot cannot work, then please charge it.
- The machine will return to the charging base automatically if the battery level is less than 15% in use and will be powered off and start cleaning automatically after the battery level reaches 80%.
- Please clear various wires (including power line of charging station) on the ground before use so as to avoid outage and damage of the objects or wires when wires are dragged by the robot.

Dormancy

After more than 10 minutes without operation, the sweeping robot will automatically enter the dormant state, when the cleaning indicator light goes off. Press the cleaning button to wake up the robot.

- The robot will not enter dormancy while charging on the charging seat.
- The sweeping robot automatically shuts down when the dormant time is less than 5%.

Charging

Automatic Recharge:

The robot will return to the charging station automatically after completing cleaning.

Manual Mode:

1. Short press the button  on the robot to start recharging.
2. Press the home key on APP to start recharging.

Note:

- Orange and blue indicator light is under breathing status while charging. Indicator light will be steady on when charging is full.
- If the robot fails to locate the charging station, it will return to the place around original position automatically. Please put the robot back to the charging station manually.

Instructions for Use

Fault Condition

When an abnormality occurs in the operation of the sweeping robot, the cleaning key indicator light flashes slowly and gives voice prompts. See "Troubleshooting" for the solution.

- No operation for 10 minutes, and the sweeping robot sleeps automatically.
- The sweeping machine is charged on the charging seat, and will end the cleaning task.

Resetting WiFi

When the router changes the configuration, forgets the password or other reasons for the sweeping robot, please hold the cleaning and recharge keys at the same time until hear the voice prompt "Reset WiFi to enter the distribution network", release the button, and wait for the button indicator orange slow flash, indicating that the sweeping robot has entered the distribution network mode.

- After the robot is waiting for more than 1 hour, the WiFi function will be automatically turned off. If you want to connect again, please reset WiFi before operation.

Suction Adjustment

You can adjust the suction power to quiet level, standard level, powerful level, super level by mobile APP or remote control (standard level by default).

Water Regulation (only for 2-in-1 E-water tank)

You can regulate the water flow to lower level, middle level, high level or shut off the water by mobile APP or remote control (middle level by default).

Silent Mode

You can open the silent mode via mobile APP, the robot will turn off its voice prompt.

Connecting to NGTeco Home App

Step 1: Download the App and Register Your Account.

Search for the NGTeco Home App in Apple App Store or Google Play Store and download the App to your mobile phone. Open the NGTeco Home App and log in with your account. If you do not have an account, create an account with your phone number or Email ID.



Step 2: Adding Equipment.

Before initiating the connection, ensure that the unit is in standby mode. Press both the Home button and On button simultaneously for more than 3 seconds until the robot starts flashing and voice prompts "WiFi lost, please follow the App instruction for re-connection". Ensure your phone is connected to the same WiFi network you wish to connect your robot to.




Open app and press "+" to add device, or use the add device button.

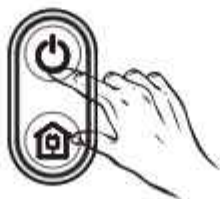
Firmware Upgrade

After entering the firmware upgrade function through the mobile phone APP and detecting the new firmware, follow the prompts to guide the upgrade. Firmware upgrade requires power $\geq 50\%$. It is recommended to place the device on the charging stand to upgrade.

Reset the Wifi

When the router's configuration, password or other reasons cause the phone to fail to connect to the machine, please do the same:

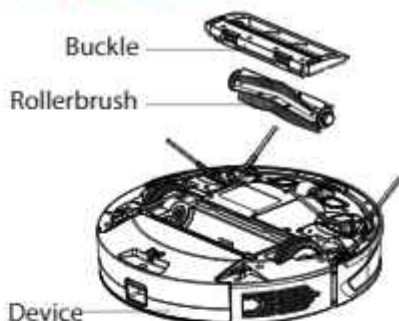
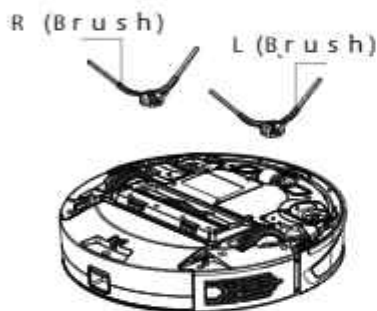
Press  And  for 3 seconds, until hearing "WiFi resetting" and WiFi indicator  turns white and flashes quickly, indicating that the reset is successful.



Routing Maintenance

Rolling Brush (Clean it regularly)

1. Turn over the host machine and press the buckle on the main brush cover to take out the roller brush.
2. Use the configured cleaning tool to clean the dust outside the roller brush and inside the roller brush cavity, and then remove the entanglements on the roller brush.
3. Re-assemble the roller brush, and press the main brush cover tightly to fix the buckle.

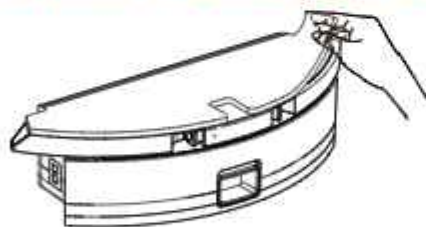


Side Brush (Clean it regularly)

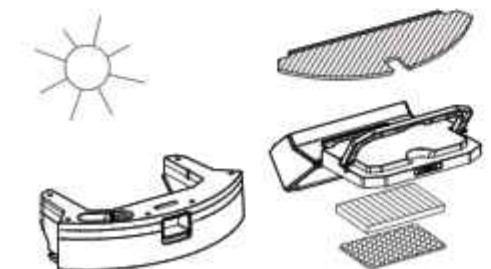
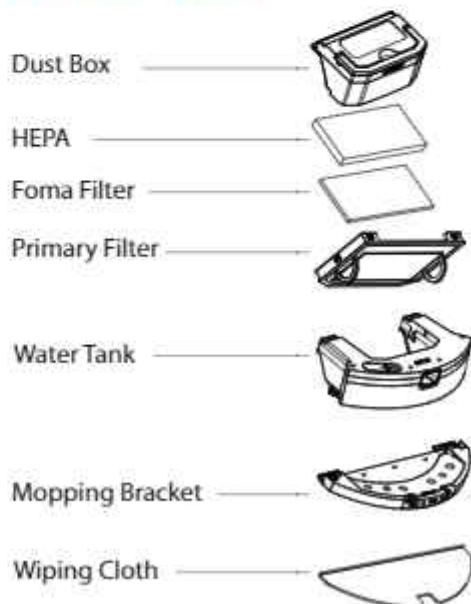
1. Flip the machine, remove the screws and then remove the edge brush.
2. Clean up the wound hair and dirt and pack it back.
3. Correspond the left brush (L) and right brush (R) to the letters L and R on the bottom shell, and tighten the loading tool down.

Note: Please replace the side brush every 3 to 6 months so as to ensure the good cleaning effect.

2-in-1 Electric-controlled Water Tank (Clean it every time)



1. Remove the rag and drain the water from the tank.



2. Clean the dishcloth, dry the water tank and dishcloth, and wait for next use.

Routing Maintenance

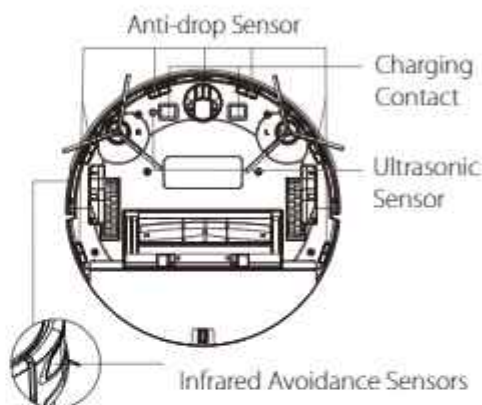
Li-ion Battery

- The host machine is furnished with high-performance lithium-ion batteries. To maintain a good performance for battery, please keep the robot charging in the charging station.
- If the robot is left unused for a long time, please shut down the power switch and keep it properly, and charge it at least every 3 months in order to avoid damaging batteries due to excessive discharge.

Sensor (Clean it regularly)

Please clean the sensor by soft mop:

1. Recharge sensor on the left side of the machine.
2. Six anti-drop sensors at the bottom of the machine.
3. Two line laser sensors in front of the machine and one line laser sensor on the right side of the machine.
4. Lidar sensors directly above the machine.
5. Charging contact at the bottom of the machine, charging seat and charging shrapnel (please power off before cleaning).
6. Signal transmitting area of charging base.



Basic Information

Device

Name	Robot Vacuum
Type	NG-RV2100
Size	350*350*98mm
Weight	3.6kg
Battery	5200mAh-LiN
Rated Voltage	14.4V
Rated power	50W

Charging Base

Type	NG-RV2
Size	160*145*90mm
Rated voltage	18W
Rated power	18W

FAQ

Questions	Solution
Can not boot	The battery is low, please place the device on the charging stand and align it to the charging pads, and the device will automatically turn on (when it is completely dead, it will take a while to automatically turn on). When the ambient temperature is lower than 0°C or higher than 40°C, please use it in the environment of 0 to 40°C.
Can't charge	Please remove the device, and check whether the indicator light of the charging stand is on, to make sure that both ends of the power adapter of the charging stand are plugged in, the front of the machine is facing the charging stand, and the distance between the front of the machine and the charging stand is about 2 cm.
Can't recharge	The main unit is too far from the charging cradle, please try to place the main unit near the charging cradle.
Abnormal behavior	Restart
Abnormal noise when cleaning	The main brush, side brush or wheels may be entangled with foreign objects. Please clean it after stopping the machine.
Decreased cleaning ability or dust drop	The dust box is full, please clean the dust box. The filter is clogged, please clean or replace the filter. The roller brush is entangled with foreign objects, please clean the roller brush.
Not connected to Wi-Fi	The Wi-Fi signal is not good, please make sure that the host is in a good Wi-Fi signal coverage area. The Wi-Fi connection is abnormal, please reset the Wi-Fi and download the latest mobile client to try to connect again. Incorrect password. This sweeping robot supports 2.4G and 5G frequency band.
Reservation for cleaning does not take effect	When the battery is low, the scheduled cleaning will be started only when the remaining Battery is $\geq 20\%$.
The machine running out of power when it is on the charging	Power consumption is extremely low when the console is always in the charging cradle, which helps to keep the battery at peak performance.
Do you need to charge for 16 hours for the first three uses?	Lithium battery can be used and charged with no memory effect, and it can be used immediately after being fully charged without waiting.

Troubleshoot

Fault Tone	Solution
Mistake 1: Dustbin removed, please check and restart	The cleaning is triggered when the dust box is taken out, please put the dust box back in.
Mistake 2: Water tanks removed	The cleaning is triggered when the water tank is removed, please put the water tank back in.
Mistake 3: Please restart in new position	Pick up the device; or the device would be suspended in the air, please move the device to a level ground and start it again.
Mistake 4: Clean the bottom sensor and restart in new position	If the cliff sensor is blocked or placed at a high place, please wipe the cliff sensor window with a soft dry cloth, move the device to a flat ground and then start it again.
Mistake 5: Clean the front sensor and restart in new position	The infrared anti-collision sensor is dirty or blocked, please wipe the front infrared anti-collision sensor window with a soft dry cloth.
Mistake 6: Clean the right side sensor and restart in new position	The sensor along the wall is dirty or blocked, please wipe the sensor window along the wall with a soft dry cloth.
Mistake 7: Robot inclined, restart in level surface	The machine is tilted, please straighten up the machine, and then start the machine.
Mistake 8: Bumper may be stuck please check	The edge or collision sensor is stuck, please push the collision plate left and right to confirm that there is no stuck.
Mistake 9: Please clean the dust bin and filters	Clean the dust box and filter, or replace the filter.
Mistake 10: Dust bin out, please clean the filter gently	Clean the dust box and filter, or replace the filter.
Mistake 11: Robot blocked, restart in new position	Please move the device to a level ground and then restart.
Mistake 12: Main wheel may be stuck please check	The main wheel is stuck or entangled, please check the main wheel and clean up the foreign objects.
Mistake 13: Brush bar may be stuck, please check	The roller brush is entangled or stuck, please check the roller brush and clean up foreign objects.
Mistake 14: Side brush may be stuck, please check	The side brush is entangled or stuck, check the side brush and clean up the foreign objects.
Mistake 15: Charge station not found	If the charging station is not found during recharging, or the charging station is not plugged in, please check whether the indicator light of the charging station is always on, or move the machine back to the charging station.
Mistake 16: Something went wrong, please restart	Exception caused by an unknown fault, it is recommended to restart the machine.
Mistake 17: Error, shutting down	Restart after shutdown, if it is still invalid, send it to after sales maintenance.
Mistake 18: Battery is low, please charge	Put the host on the charging stand to charge.
Mistake 19: Remove from charged station for power off	While the charging stand is charging, it cannot be turned off, please move it away from the charging stand and press and hold the power button to turn it off.

Product Hazardous Substance Content and Name

Name	Harmful Substances					
	(Pb)	(Hg)	(Cd)	(Cr(VI))	(PBB)	(PBDE)
Circuit Board Assembly	×	○	○	○	○	○
Battery	×	○	○	○	○	○
Charger	×	○	○	○	○	○
Power Cable	×	○	○	○	○	○
Metallic Parts	×	○	○	○	○	○
Motor	○	○	○	○	○	○
Shell	○	○	○	○	○	○
Other Accessories	○	○	○	○	○	○

This form is prepared according to the provisions of SJ/T 11364

O: Indicates that the content of this hazardous substance in all homogeneous materials of this part is below the limit requirement specified in GBT/T 26572

X: Indicates that the content of the hazardous substance in at least one homogeneous material of the part exceeds the limit requirement specified in GBT/T 26572

FCC Statement

1. 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, in accordance to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Statement (Cont.)

IC warning:

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure Statement:

This equipment complies with FCC/IC 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.

Declaration of Conformity (DoC):

Hereby, NGTECO CO., LIMITED, declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Type of Wireless	Operating Frequency (MHZ)	Maximum RF Power
WLAN	2412 to 2472	18.711 dBm
	5150 to 5350 5470 to 5725	19.082 dBm
	5725 to 5825	12.610 dBm

Operations in the 5.15 to 5.35GHz band are restricted to indoor use only.



1600 Union Hill Road Alpharetta, GA 30005
E-mail: service.ng@ngteco.com
www.ngteco.com

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