



CHUANGO®
Safe Home. Easy Security.



User Manual

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Robot Vacuum Cleaner
RV-500



Safety Instructions

This appliance can be used by children aged from 13 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.

The Robot must be used in accordance with the instructions in this user Manual. We will not be held liable or responsible for any damages or injuries caused by improper use.

To reduce the risk of injury or damage, keep these safety precautions in mind when setting up, using and maintaining your Robot:

- Read all safety and operating instructions before operating your Robot.
- Retain the safety and operating instructions for future reference.
- Read all warnings on your Robot, battery, Charging Dock and in the user manual.
- Follow all operating and use instructions.

The symbol on the product or its packaging indicates:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local authority for information regarding the collection systems available, if electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. Please contact your local or regional waste authority for more information on collection, reuse and recycling programs.

Use Restrictions

- Your Robot is for indoor use only. Do not use the Robot outdoor, commercial or industrial environments.
- Before using this device, pick up objects like clothing, loose papers, pull cords for. If the device passes over a power cord and drags it, there is a chance an object (table or shelf etc.) could be pulled.
- Do not sit or stand on this device. Small children and pets should be supervised when your Robot is operating.
- Store and operate your Robot in room temperature environments only.
- Do not use this device to pick up anything that is burning or smoking.
- Do not use this device to pick up spills of bleach, paint, or other chemicals, or anything wet.
- If the room to be cleaned contains a balcony, a physical barrier should be used to prevent access to the balcony and ensure safe operation.

- 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 they do not play with the Robot. Cleaning and maintenance shall not be performed by children without supervision.
- Do not place anything on top of your Robot.
- Be aware that the Robot moves on its own. Take care when walking in the area that the Robot is operating in to avoid stepping on it.
- Do not operate the Robot in areas with exposed electrical outlets in the floor.

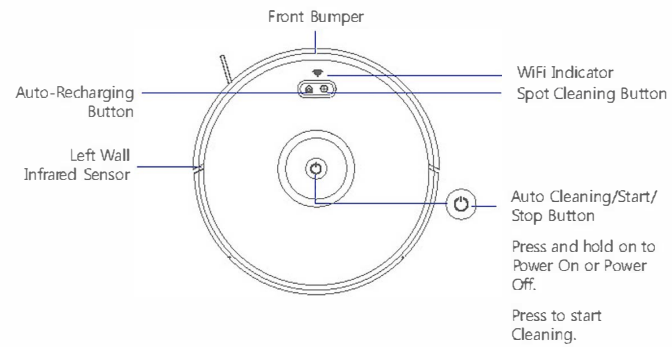
Battery and Charging

- Use only rechargeable battery packs with the correct specification approved by.
- Charge using a standard outlet only. Product may not be used with any type of power converter. Use of other power converters will immediately void the warranty.
- Do not use a Charging Dock with a damaged cord or plug. If the cord or plug is damaged, it must be serviced by the manufacturer or similarly qualified persons.
- Always charge and remove the battery from your Robot and accessories before long-term storage or transportation.
- Charge indoors only.
- Your Robot's Charging Dock may be protected with a surge protector in the event of severe electrical storms.
- Never handle the Charging Dock with wet hands.
- Always disconnect your Robot from the Charging Dock before cleaning or maintaining it.
- Please ensure voltage rating for enclosed Charging Dock matches standard outlet voltage.
- Used battery packs should be placed in a sealed plastic bag and disposed of safely according to local environmental regulations.
- Before every use, check the battery pack for any sign of damage or leakage. Do not charge damaged or leaking battery packs.
- If the battery pack is leaking, contact Customer Service for disposal.
- The battery pack must be removed from the Robot before disposal.
- Do not crush or dismantle battery packs. Do not heat or place the battery pack near any heat source.
- Do not incinerate the battery pack. Do not short-circuit the battery pack.
- Do not immerse the battery pack in any liquid.



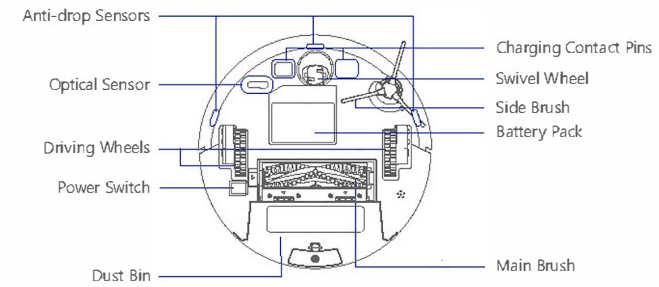
Product Overview

Robot

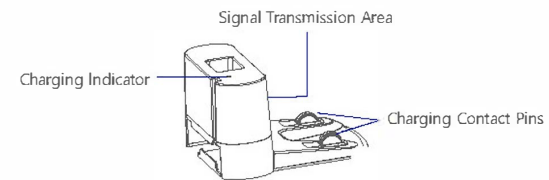


Status	Button Circular Indicator Light
Sleeping	Off
Stand by/Cleaning Returning to Charge Dock While Power Is Available	Solid Blue
Charging	Flashing Purple

Status	WiFi Indicator Light
Sleeping	Off
Connecting	Flashing Blue
Connected	Solid Blue



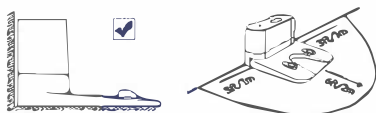
Charging Dock



Get Started

Place the Charging Dock

Place the Charging Dock on a hard, level surface and against a wall.



Charge the Dock

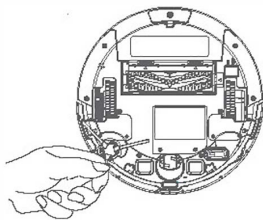
Connect the round connector of the adapter into the power socket on the Charging Dock and the other end into a wall outlet.



Please charge this device for 5-6 hours before use.

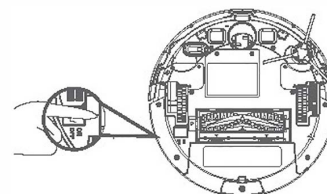
Install Side Brush

Attach the side brush to the bottom of Robot by pressing a brush into slot.



Turn On/Off the Robot

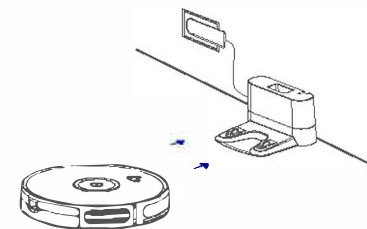
Turn on/off the power switch on the bottom of the device.



Activate the Robot

Place the Robot onto Charging Dock, and make sure the Charging Contact Pins on the Charging Dock match up with those underneath the Robot.

If successful you will hear a series of tones. Once the [⦿] button illuminates, the Robot is ready for use.



Start Cleaning

- Press the [⦿] button once to wake up the Robot.
- Press the [⦿] button again to start a cleaning cycle.

If the Charging Dock is inaccessible, Robot will not be able to recharge.

Press [🏠] button or manually place the Robot on the charging dock for charging.



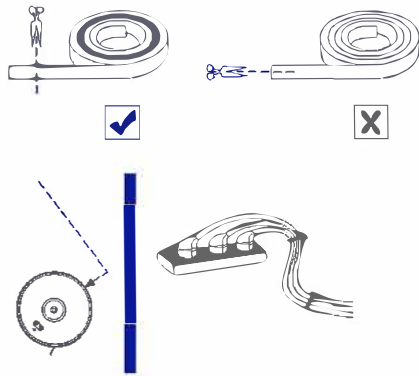
Boundary Strip

With the Boundary Strip, you can keep Robot away from any area or item you do not want Robot to clean. Robot will recognize the Boundary Strip and will not cross into the blocked-off area.

Identify the area or item you do not want Robot to get close to.

If necessary, use scissors to cut the Boundary Strip to a shorter length. Be sure to correctly measure the length before cutting.

Apply adhesive tape to lay the Boundary Strip flat on the floor. Make sure the strip is placed FLAT on the floor.



Note: If the Boundary Strip is rolled up, remove and then re-apply on the floor with adhesive tape. Otherwise the Boundary Strip may not work well.

Be careful not to damage the floor when using adhesive tape. It is not recommended for use on carpets. Keep the Boundary Strip away from objects that emit excessive heat.

App Download

Search for "DreamCatcher Life" in App Store/Google Play, then create an account and follow the in-app instruction to add the robot vacuum cleaner on your smart phone.



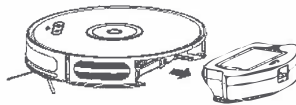
Care and Maintenance

To keep Robot running at peak performance, perform the following care procedures. If you notice Robot picking up less debris from your floor, then empty the bin, clean the filter and main brush. Recommended cleaning / replacement frequency:

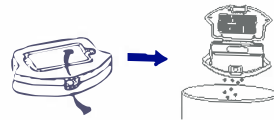
Robot Part	Cleaning	Replacement Frequency
Dust Bin	After each use	
Filters	Once every week	Every 2 month
Main Brush	Once every week	Every 6-12 months
Side Brush	Once every month	Every 3-6 months(or when visibly worn)
Sensors	Once every month	
Charging Pins	Once every month	
Swivel Wheel	Once every month	

Empty Dust Bin

Press bin release button to remove the bin.

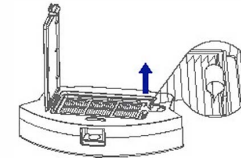


Open bin's door to empty it.



Clean Filter

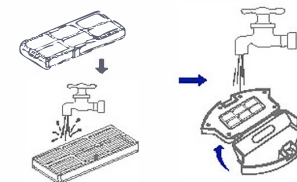
Remove filter by grasping the white tab.



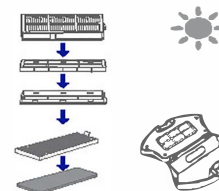
Shake off debris by tapping the filter against your trash container.



Rinse filter with water.

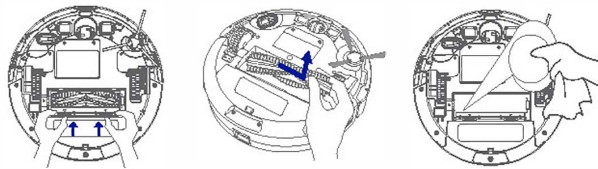


Air-dry the filters completely before use.

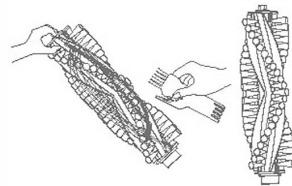


Clean main brush, side brush, swivel wheel and sensors

Take out the Main Brush, clean the vacuuming aisle by a cloth.



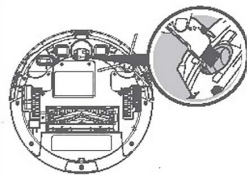
Clean the Main Brush. Cut down the hair winded in the Main Brush with the provided cleaning tool's knife.



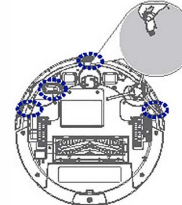
Remove the Side Brush, use a cloth to remove the dust from the brush.



Pull out the Swivel Wheel, then clean the Swivel Wheel with the cleaning tool.



Dust off the Anti-Drop Sensors and Optical Sensor maintain the best performance.



Troubleshooting

Any error that occurs during operation will be notified by the Robot through light status and beeps, the instruction as below:

Indication	Beeps	Error	Solution
Flashing red light	1	Gyroscope error	Keep the Robot at a stable place to restart and do not move the Robot.
	2	Bumper error	Check the bumper and remove any object that could be blocking it.
	3	Anti-Drop Sensor error	Check if the sensor dirty and clean sensor.
	4	Low power or charging error	Robot power is too low and needs manually charging.

Solid red light	1	Driving Wheel error	Check if the Driving Wheel is blocked.
	2	Side Brush error	Check if the Side Brush is blocked and clean the Side Brush.
	3	Fan error	Clean up the garbage and air ducts channel.
	4	Main Brush error	Check if the Main Brush is entangled and clean the Main Brush.

Tips

If the above method can not solve the problem, please try the following: Turn off the Power Switch at the bottom of the Robot and restart.



Frequently Asked questions

Problems	Solutions
Robot cannot be activated.	• Make sure the main Power Switch is in the ON position. • Make sure the battery is fully charged. • If you still have trouble, turn off the main Power Switch and then turn it back on.
Robot stops working suddenly.	• Check if Robot is trapped or stuck on an obstacle. • Check if the battery level is too low. • If you still have trouble, turn off the main Power Switch, wait for 2 seconds, and then turn it back on.
You can't schedule cleaning.	• Make sure the main Power Switch on the bottom of Robot is turned on. • Make sure the time, time of day (AM/PM), and the scheduled time have been set correctly. • Check if Robot's power is too low to start cleaning.
Suction power is weak.	• Check if any obstructions are blocking the suction inlet. • Empty the Dust Bin. • Clean the filters with a vacuum cleaner or a cleaning brush. • Check if the filters are wet due to water or other liquid on the floor. Air-dry the filters completely before use.
Robot can't be charged.	• Check if the indicator on the Charging Dock lights up. If not, repair or replace the Charging Dock. • Dust off the charging contact pins with a dry cloth. • Check if you can hear a beep when robot returns to the Charging Dock. If not, repair or replace the Charging Dock.
Robot can't return to the Charging Dock.	• Remove objects within 3 ft/1 m to the left and right side and within 6 ft/2 m of the front of the Charging Dock. • When robot is in the vicinity of the Charging Dock, it will return more quickly. However, if the Charging Dock is located far away, Robot will need more time to return. Please be patient as it works its way back. • Clean the charging contact pins.
The Main brush doesn't rotate.	• Clean the Main Brush. • Check if the Main Brush and brush guard have been installed properly.
Robot movements or travel path are abnormal.	• Clean the sensors carefully with a dry cloth. • Restart Robot by turning the power switch off and on.

Specifications

Product Model	RV-500
Input	19V = 0.6A
Battery Voltage	DC 14.4 V
Power Consumption	28 W
Battery Type	DC 14.4 V Li-ion 2600 mAh
Dust Collector Capacity	0.55 L
Cleaning Time	Max. 120 mins
Charging Time	300 - 360 mins

