



# GET STARTED

**CoreDy R500 Cleaning-Sweeping Vacuuming Wet/Dry Mopping Robot**

# Table of Contents

<b>1</b>	<b>Important Safety Information</b>	<b>01</b>
1.1	Use Restrictions .....	01
1.2	Battery and Charging .....	02
<b>2</b>	<b>Product Diagram</b>	<b>04</b>
2.1	Robot .....	04
2.2	Accessories .....	06
2.3	Charging Dock .....	07
2.4	Remote Control .....	08
<b>3</b>	<b>Operating and Programming</b>	<b>09</b>
3.1	Notes Before Cleaning .....	09
3.2	Quick Start .....	10
3.3	How Coredy R500 Clean Your Home .....	12
3.4	Cleaning Schedule .....	14
<b>4</b>	<b>Regular Robot Care</b>	<b>16</b>
4.1	Emptying Robot's Bin .....	17
4.2	Cleaning Robot's Filter .....	17
4.3	Cleaning Robot's Side Brush .....	18
4.4	Cleaning Robot's Cliff Sensors and Charging Contacts .....	18
4.5	Cleaning Robot's Floor Tracking Sensor .....	19
4.6	Cleaning Robot's Extractors .....	19
4.7	Battery and Charging Information .....	20
<b>5</b>	<b>Troubleshooting</b>	<b>22</b>

# 1 Important Safety Information

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.

The robot must be used in accordance with the directions in this Instruction Manual. Coredy inc cannot 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.
- Heed all warnings on your robot, battery, charging Dock and in the owner's 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.

## 1.1 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 blinds or curtains, power cords, and any fragile objects. If the device passes over a power cord and drags it, there is a chance an object could be pulled or a table or shelf.

- Your robot is not a toy. 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.

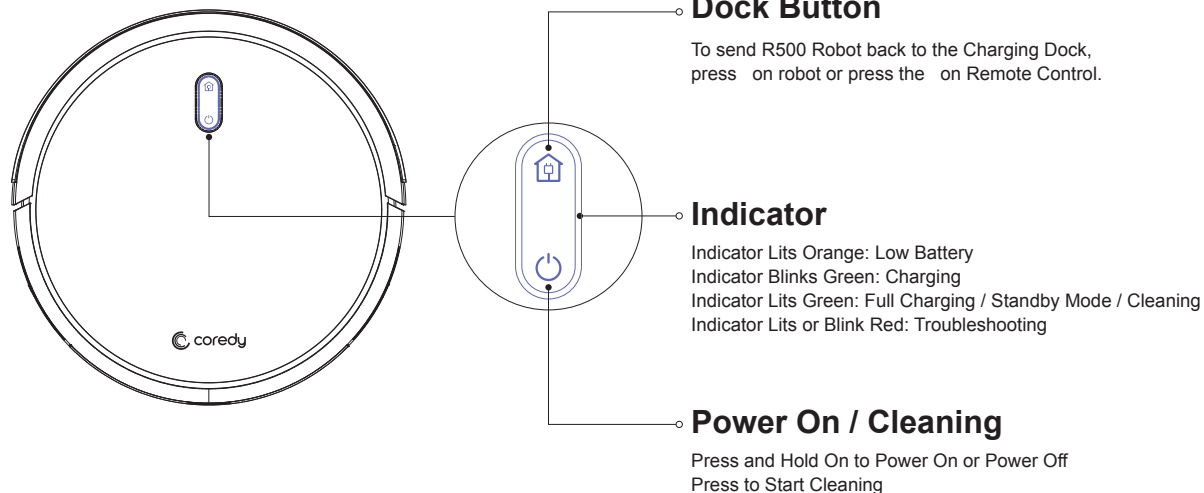
## **1.2 Battery and Charging**

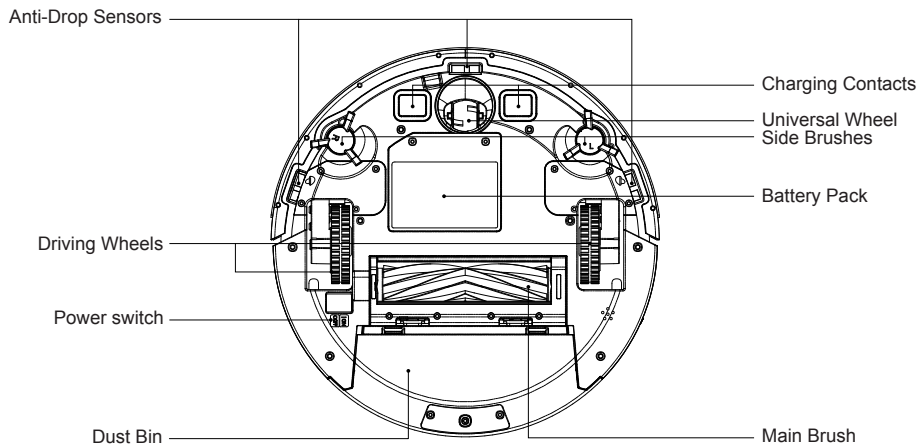
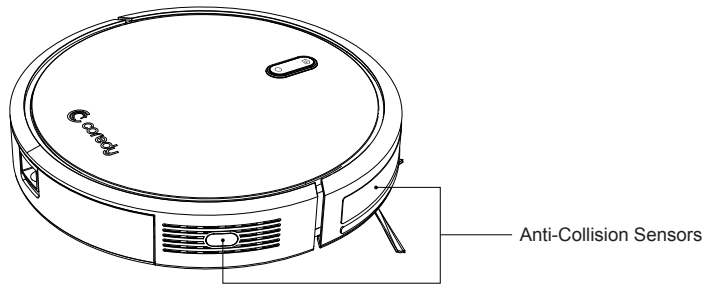
- Use only rechargeable battery packs with the correct specification approved by CoreDy.
- Charge using a standard outlet only. Product may not be used with any type of power converter. Use of other power converters will immediately void the warranty.
- Do not use a Charging Dock with a damaged cord 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 Coredy 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.

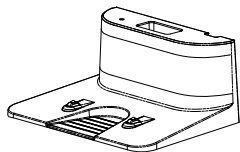
## 2 Product Diagram

### 2.1 Robot

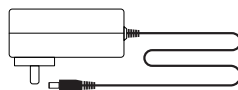




## 2.2 Accessories



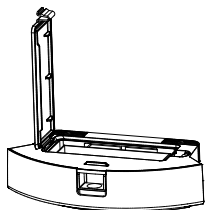
Charging Dock



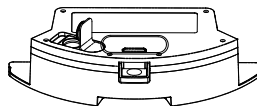
Adapter



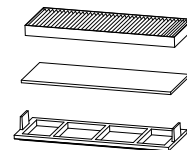
Remote Control  
(with batteries)



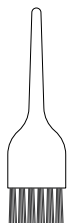
Dust Bin



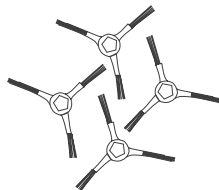
Water Tank



Sponge Filter and  
High Efficiency Filter



Brush

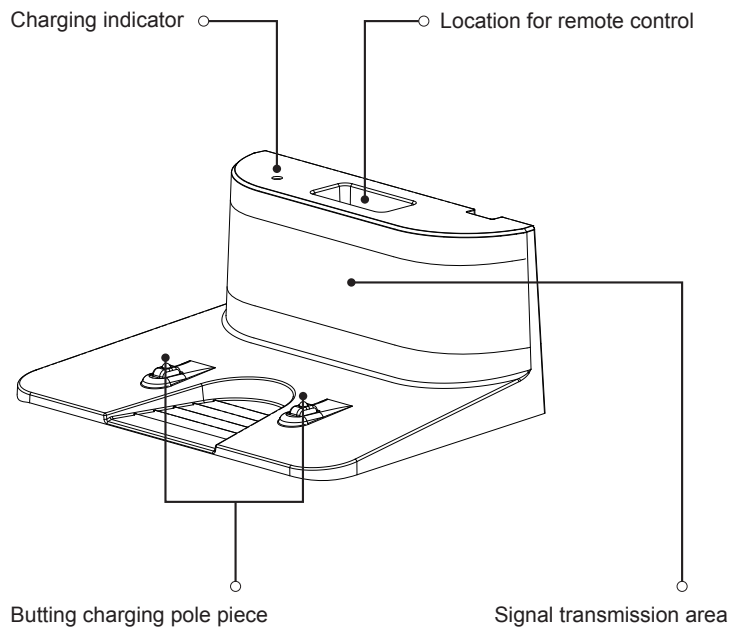


4 x Side Brushes

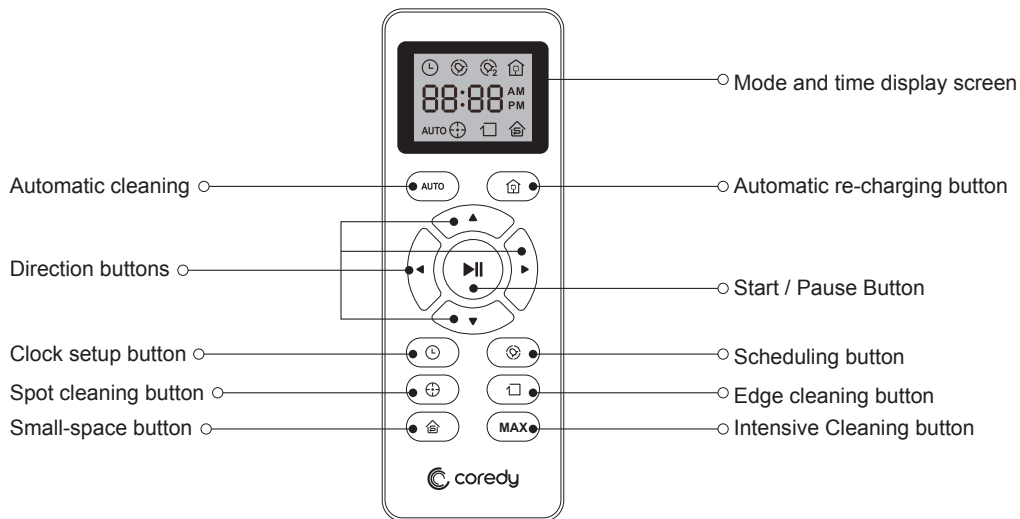


2 x Cleaning Cloths

## 2.3 Charging Dock

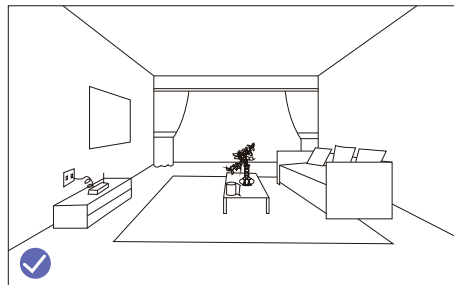
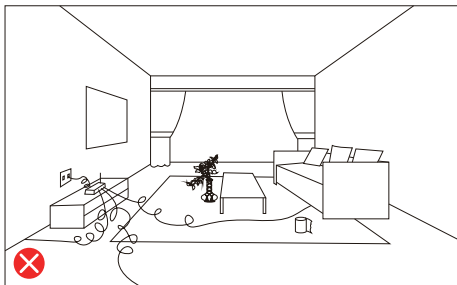


## 2.4 Remote Control

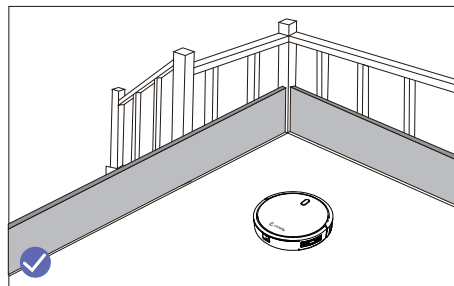
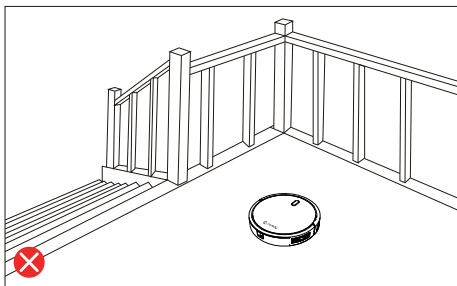


## 3 Operating and Programming

### 3.1 Notes Before Cleaning



Before using Robot, pick up objects like clothing, loose papers, pull cords for blinds or curtains, power cords, and any fragile objects. If the Robot passes over a power cord and drags it, there is a chance an object could be pulled off a table or shelf.

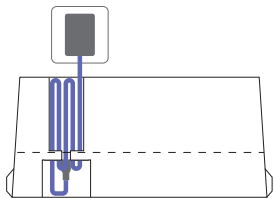


If the room to be cleaned contains a balcony, a physical barrier should be used to prevent access to the balcony and ensure safe operation.

## 3.2 Quick Start

1. Plug in the Charging Dock, and take the rest wire into the trunking at the bottom of Charging Dock.

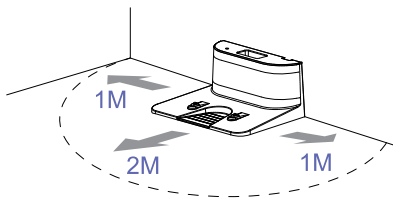
✓ **Note:** Didn't put the rest wire into the trunking may stuck the Robot while Charging or Cleaning.



2. Charging Dock Position

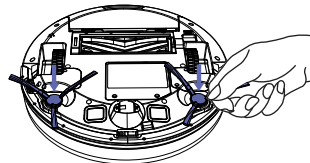
Place the Charging Dock again the wall & make sure the place is open & uncluttered area leaving at least:

- 2 meters (6.5 feet) in front of the Charging Dock.
- 1 meters (2.3 feet) on both sides of the Charging Dock.



3. Install Side Brushes


Attach Side Brushes to the bottom of Coredy R500 by pressing a brush into each slot with the matching color until it clicks.

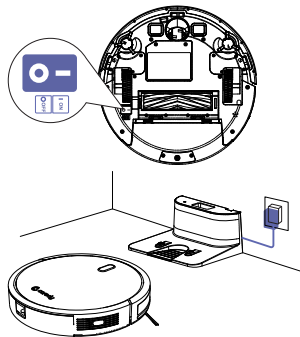


4. Activate the Robot




Place Coredy R500 onto the Charging Dock, making sure the metal charging contacts on the Charging Dock match up with those underneath the robot.

✓ **Note:** Initial Use, Switch on the Power Button on the Bottom

If successful, you will hear a series of tones. Once the  Power button illuminates, Coredy R500 is ready for use.



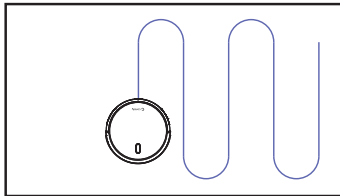
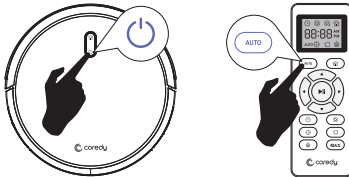
## 5. Start Cleaning Cycle

- Press the  power button once to wake up the robot.
- Press the  power button again to start a cleaning cycle (or press the  button on Remote Control).





If its battery gets low before finishing a cleaning cycle, robot returns to the Charging Dock to recharge. After its battery has been recharged, robot automatically resumes, completes the cleaning cycle, and returns to the Charging Dock.

If the Charging Dock is inaccessible, Robot will not be able to recharge. It will return to its starting location and the cleaning cycle will end, please place the robot manually on Charging Dock for charging. **(Refer Activate the Robot)**

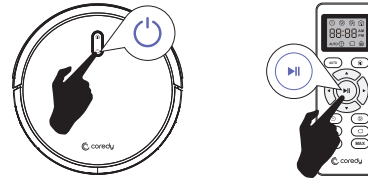
- ✓ **Note:**  
Please refer to section 3.3 for more Cleaning Mode.




## 6. Pause

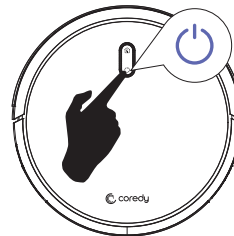
- To pause the robot during a cleaning cycle press the  button on robot or press the  button on the Remote Control.
- To resume the cleaning cycle, press  button again.
- To send robot back to the Charging Dock, press  button.

- ✓ **Note:**  
The actions listed above can also be managed from the Remote Control.



## 7. Power OFF

- To end the cleaning cycle and put robot in standby mode, press and hold  button until robot's indicators turn off.

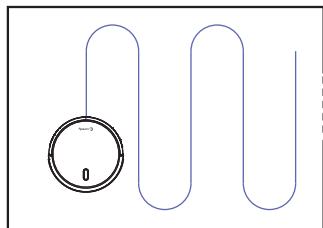


### 3.3 How Coredy R500 Clean Your Home

Coredy R500 is designed to intelligently navigate and clean an entire level of your home, a multifunctional function robot with cleaning- Sweeping, Vacuuming, Wet/Dry Mopping for your home.

#### 1. Auto Cleaning

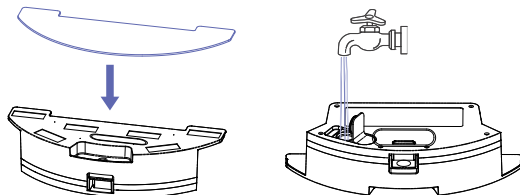
- At the start of a cleaning cycle, Coredy R500 will map out your home and cleaning them efficiently.
- At various times throughout the cleaning cycle, Coredy R500 touches up around the edges of the room, as well as chair legs and other furniture.
- Coredy R500 continues this process until it has cleaned an entire level of your home. If its battery gets low before finishing a cleaning cycle, Coredy R500 returns to the Charging Dock to recharge. After its battery has been recharged, Robot automatically resumes and completes the cleaning cycle.
- Once Coredy R500 finishes its cleaning cycle, Coredy R500 returns to the Charging Dock to recharge.



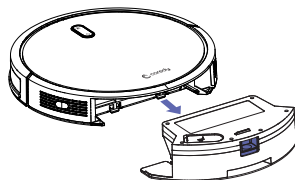
#### 2. Floor Mopping Cleaning

Coredy R500 supply a water tank that the robot can floor mops cleaning for your home.

1. Attach the cloth and fill the water tank with water.



2. Remove the dust bin




3. Put back the water tank to robot and start the Robot.

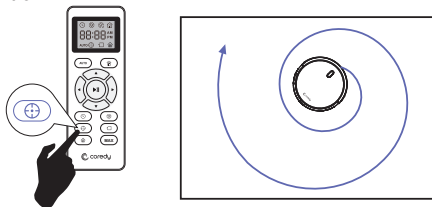
#### ✓ Note:

If you are using a Dry Sweeping Cleaning, skip to fill water in water tank.


## Cleaning Preferences

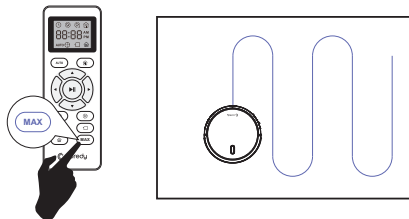
### 3. Spot Cleaning

When you select Spot Cleaning, robot intensely cleans a localized area by spiraling outward about 3 feet (1 meter) in diameter and then spiraling inward to where it started. When Spot Cleaning, robot boosts its vacuum power to provide the best cleaning possible where you need it. To use Spot Cleaning, place robot on top of the localized debris and press  (Spot) on the Remote Control.




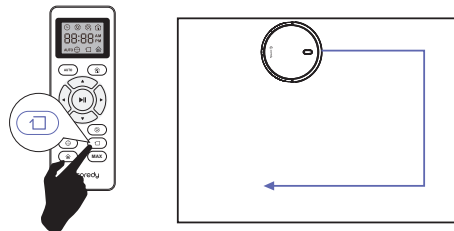
### 4. Max Vacuuming Cleaning

Robot increases its vacuum power to provide a deeper clean when press the  button on Remote Control, Max Vacuuming Cleaning if Off by default.



### 5. Edge Cleaning

After robot finishes cleaning the open areas of your floor, it uses Edge Clean to ensure that it has cleaned along walls and around furniture legs. If you prefer a quicker edge cleaning, press the  button on Remote Control.



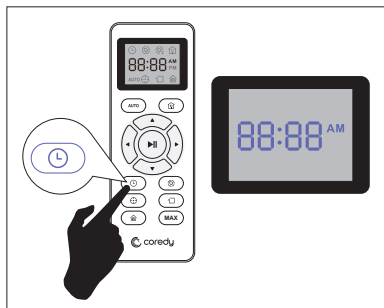
## 3.4 Cleaning Schedule


Coredy R500 has cleaning schedule settings which allow you to customize when Robot cleans your home. These settings are available only through the Remote Control.

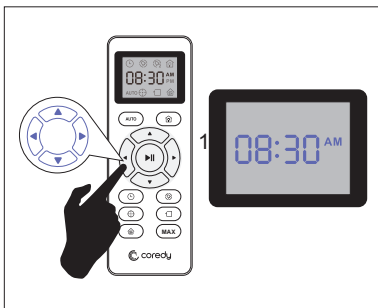
**✓ Note:**





Please make sure the Remote Control is near the Robot while setting the Clock or Schedule.

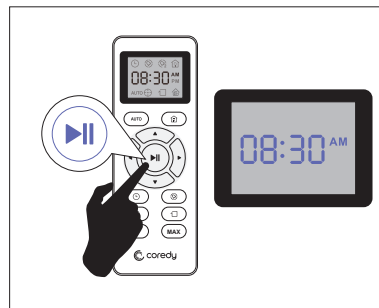
### 1. Set the Remote Control's Clock



Press  button on Remote Control, and then the hour section begins to flash in the clock display setting window.

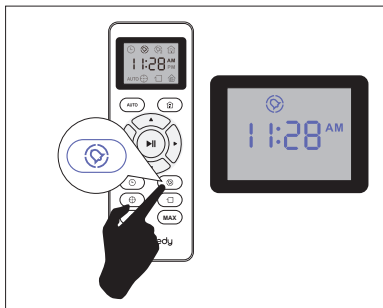



Press  or  button to select the desired figures. Press the  or  button to select the minute or hour section.

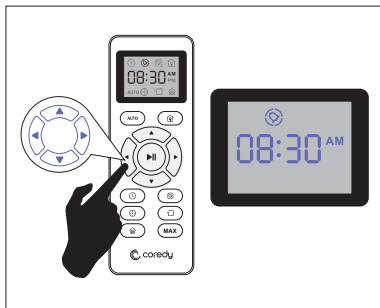






And then press the  button, the Robot will "BEEP" when the clock setting completed.

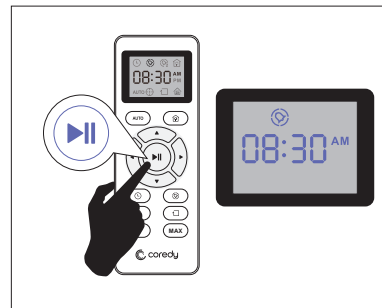
## 2. Setting Cleaning Schedule




Press  button on Remote Control, and then the hour section begins to flash in the Cleaning Schedule display setting window.




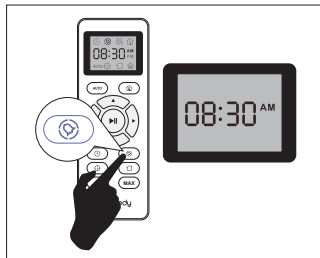
Press  or  button to select the desired figures. Press the  or  button to select the minute or hour section.



And then press the  button, the Robot will "BEEP" when the Cleaning Schedule setting completed.

## 3. Cancel the Cleaning Schedule

Press and hold  button approximately 4 seconds on Remote Control, the Robot will "BEEP" when the Cleaning Schedule process cancel completed.



## 4 Regular Robot Care

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 clean the extractors.

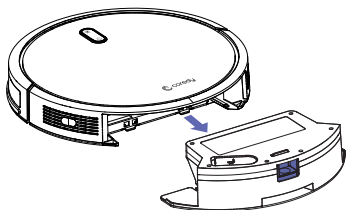
Robot Part	Care Frequency	Replacement Frequency
Dust Bin	After each use	—
Filter	Once per week (twice per week in homes with pets)	Every 2 months
Water Tank	After each use	—
Cleaning Cloth	After each use	Every 2-4 months
Front Caster Wheel Side Brush Cliff Sensors Charging Contacts Floor Tracking Sensor	Once per month	—
Extractors	Once every 4 months (once every 3 months in homes with pets)	Every 6-12 months

 **Note:**

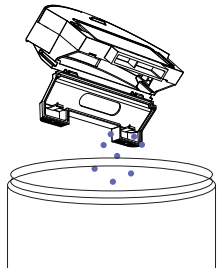
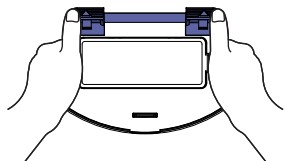
**Coredy manufactures various replacement parts and assemblies. If you think you need a replacement part, please contact Coredy Customer Care for more information.**

## 4.1 Emptying Robot's Bin

1. Press bin release button to remove bin.

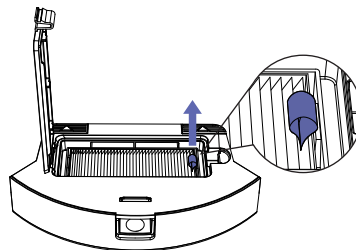


2. Open bin door to empty bin.

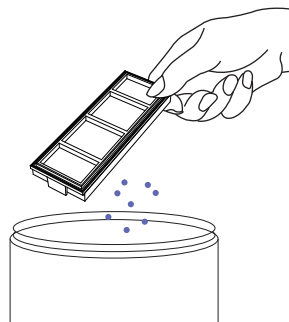


## 4.2 Cleaning Robot's Filter

1. Remove filter by grasping the white tab.

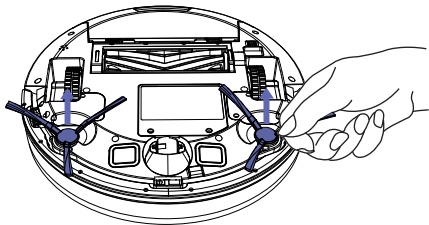


2. Shake off debris by tapping the filter against your trash container.



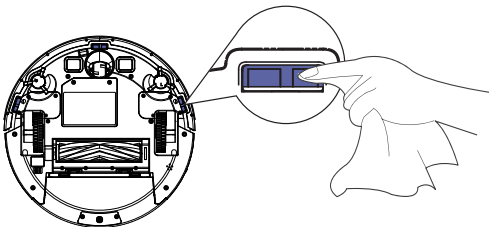
## 4.3 Cleaning Robot's Side Brush

1. Remove the brush
2. Clean the brush and the brush post, and reinstall the brush.

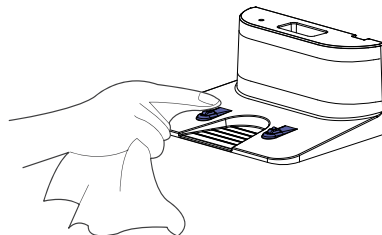
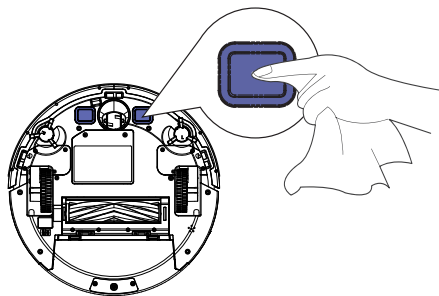


## 4.4 Cleaning Robot's Cliff Sensors and Charging Contacts:

1. Wipe Robot's Cliff Sensors with a clean, dry cloth.



2. Wipe the charging contacts on Robot and the Charging Base with a clean, dry cloth.



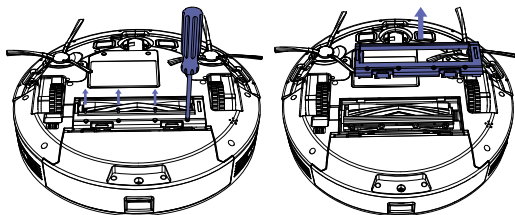
## 4.5 Cleaning Robot's Floor Tracking Sensor

Use a clean, dry microfiber or soft cotton cloth to wipe any debris that has accumulated in the round sensor opening on the right side of the bottom surface. Do not spray cleaning solution directly into the sensor opening.



## 4.6 Cleaning Robot's Extractors

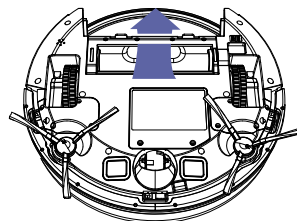
1. Use a coin or small screwdriver to remove the screw, remove the extractor frame and any obstructions.



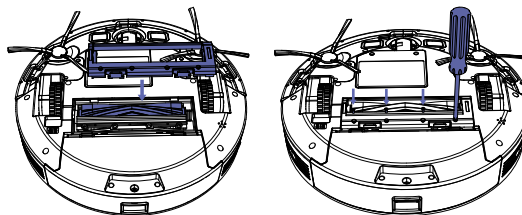
2. Remove the extractors. Remove any hair or debris that has collected underneath the caps and around the axles.



3. Clear Robot's Vacuum Path.



4. Reinstall the extractors. Match the color and shape of the extractor pegs with the color and shape of the extractor icons on the cleaning head module.



## 4.7 Battery and Charging Information

Remove the extractors. Remove any hair or debris that has collected underneath the caps and around the axles.

### Lithium Ion Battery

**Important:** Lithium ion batteries and products that contain lithium ion batteries are subject to stringent transportation regulations. If you need to ship this product (with the battery included) for service, travel or any other reason, you **MUST** comply with the following shipping instructions:

- Remove the lithium ion battery from the product
- Place a piece of tape over the battery's metal charging contacts
- Reinstall the battery (with the tape on it) in the product and secure the battery door
- Package the product in its original packaging or in your own packaging that prevents any movement during transportation
- Ship via ground transportation only (no air shipping)

### Battery Charging

To extend battery life, always keep robot charged on the Home Base when not in use.

### Battery Storage

If storing robot off of the Charging Dock, remove the battery first. Then store robot and the battery in a cool, dry place.

### Battery Disposal

Contact your local waste management authority for battery recycling and disposal regulations in your area.

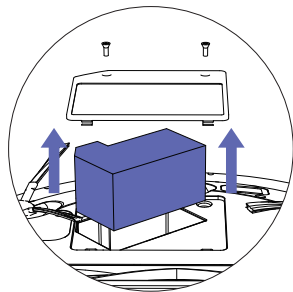
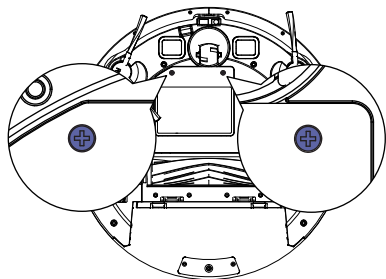
### Battery Replacement

You can visit Coredy's website [www.coredy.com](http://www.coredy.com) to purchase the battery or other accessories for the robot.

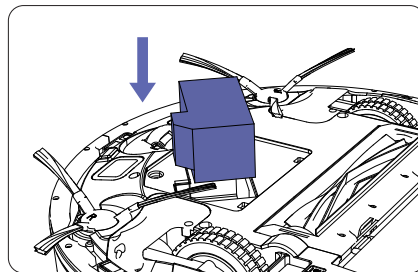
## Battery Removal

Follow these instructions to remove and reinstall robot's battery:

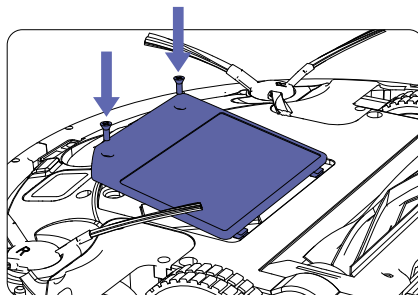
1. Unscrew the two screws on the battery door, then remove the door and battery.




2. Reinstall the battery with the battery label and tabs facing up.



3. Reinstall the battery door and the two screws. Take care not to pinch the side brush in the battery door when re-installing the battery.



## 5 Troubleshooting

Robot will tell you something is wrong with a two-tone distress sound followed by a spoken message. The indicator  will also blink or lit red. Refer to the chart as below to resolve Robot's problem. If the problem is not resolved, please contact our COST FREE customer service team for more assistance.

### Rebooting Instructions

For some errors, rebooting Robot may resolve the problem. To reboot Robot, press the power button on the bottom on Robot, you will hear an audible tone signifying a successful reboot.

Robot Blinks and Says		Likely Cause	What to Do
Indicator Lit Red	BEEP Once	Front caster wheel is stuck	Clean the front caster wheel and press the power button to restart the Robot.
	BEEP Twice	Robot's side brush may stuck	Clean the side brush and press the power button to restart the Robot.
	BEEP Triple	Robot's vacuum fan is stuck or its filter is clogged.	Remove and empty Robot's bin. Clean Robot's filter. Then, briskly tap the bin to loosen any remaining trapped debris.
	BEEP Quartic	Robot's main extractors can't turn.	Remove and clean Robot's extractors and caps.
Indicator Blink Red	BEEP Twice	Robot is stuck.	If Robot is stuck, free it and start in a new location. Clean Robot's side wheels of hair and debris. Push the wheels in and out, and check that they both turn freely.
	BEEP Triple	Robot's cliff sensors are dirty, it is hanging over a drop, or it is stuck on a dark surface.	If Robot is hanging over a drop, or on a dark surface, start in a new location. Otherwise, wipe its cliff sensors with a dry cloth.

<b>Robot Blinks and Says</b>		<b>Likely Cause</b>	<b>What to Do</b>
Indicator Lit Red	BEEP Quartic	Robot cannot return to its Charging Dock or starting position.	Ensure there are no obstacles in front of the Charging Dock or starting position. Wipe the Charging contacts on both the Charging Dock and robot with a clean, dry cloth.

# Coredy R500 Cleaning-Sweeping Vacuuming Wet/Dry Mopping Robot

**MODEL: R500**

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