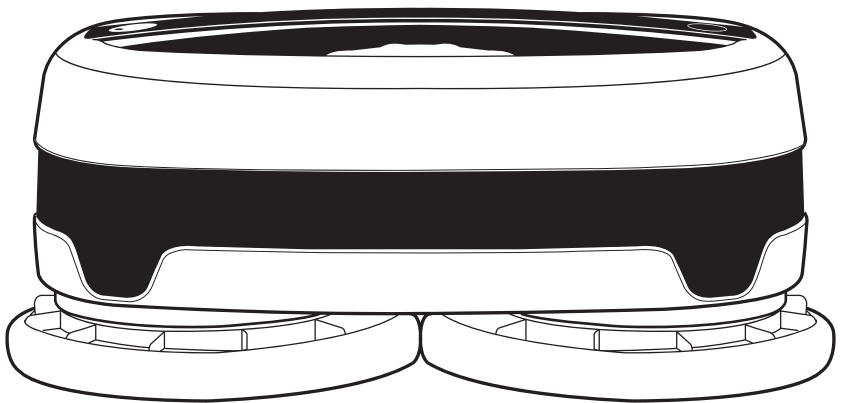


# EVER4BOT EDGE



reddot design award  
winner 2019

## User Manual

Please carefully read this manual before operate the machine. This manual includes Warranty card so please keep it well after reviewing. This machine is only allowed for home use. Please do not use for industrial or commercial purpose. Please fully charge the battery before of first operation. EVERYBOT Inc. assumes no responsibility for technical or editorial errors or omissions contained herein, nor for any incidental or consequential damages and failures of appliance caused by not following the precautions and instructions.

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# Safety Information

This contents below are important notifications that contain for using the machine correctly and preventing unpredictable damage or danger for users.

EVERYBOT Inc. assumes no responsibility for technical or editorial errors or omissions contained herein, nor for any incidental or consequential damages and failures of appliance caused by not following the precautions and instructions.

## Warnings

- Please use power source and socket with correct voltage and current.
- Do not use unauthorized power adaptor or multiple plugs in a single socket.
- Do not use damaged power cord or plug.
- Make sure the power cord is not bent or crushed by heavy objects.
- When plugging in or removing the power plug, always plug it in or remove it by holding the plug, not the cable.
- Do not use a damaged power cord! To repair or replace a damaged power cord, contact a qualified service agent to ensure safety.
- Do not touch the plug or wall socket with wet hands.
- Do not use the robot cleaner in a place where it can be exposed to direct sunlight or where the temperature is too low or too high. (Lower than -5°C and higher than 40°C)
- Do not use the robot cleaner in a place where children, seniors physically/psychologically challenged people, or pets are residing alone.
- The robot cleaner is not intended for use by children, or by persons with limited physical, sensory or mental capabilities.
- Ensure clothes or any part of the body (hair, finger, foot, etc.) not to get entangled in the rotating plate of the robot cleaner.
- Do not use or store the robot cleaner near flammable materials (alcohol, gasoline, kerosene, thinner, etc.) or heating sources. (cigarettes, candles, stove, etc.)
- If you notice smoke or a burning smell or an unusual sound from the robot cleaner, turn the system power switch off immediately and contact your service center.
- Do not disassemble or try to fix the robot cleaner except for assigned repairing center or engineer.

## **Cautions**

- Before using the robot cleaner, remove objects. (fragile objects, valuables, pet litter, cables, long strings, etc.) from the floor.
- Do not soak the robot cleaner in water or spray oil on it.
- Do not kick the robot cleaner or apply strong impact.
- Do not use the robot cleaner on a table or other high places.
- If there are some shoes or any objects right below of low threshold, the robot cleaner may fall down because the robot cannot sense it as a cliff.
- If the robot cleaner attached wet mop stays long time on the floor, the floor may be discolored or polluted. Thus, please separate the water supply mop kits after using.
- If there is any sharp and hard object on the cleaning area, it may damage the robot cleaner or floor. Please pay attention with it.
- Make sure that children or pets do not step or sit on the robot cleaner while operating.
- Do not let the robot cleaner pass over or sweep up liquid, oil, pet droppings, etc.
- Do not insert chopsticks or pins in the robot cleaner.
- The robot cleaner is made to be used in home environments. Do not use it outdoor or in any other places.
- Please discard the life-end battery according to the disposal regulation of each country.
- Please turn off the power when you clean or maintain the robot cleaner.
- Please keep clean the sensor windows and water supply mop kits.

## **Note**

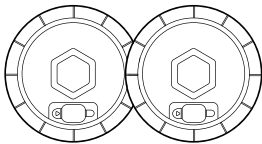
- Do not use the robot cleaner on a floor with a slope more than 10°.
- Before cleaning, check that battery is good enough, or otherwise, recharge the robot cleaner.
- Make sure to close the door of the room that is not to be cleaned.
- Remove obstacles (chair, etc.) for quick and thorough cleaning.
- If there is dust or foreign substances at the bottom of the robot cleaner, remove it.
- After using the water supply mop kit and wet mop, clean them thoroughly.

# Parts Name & Product Component

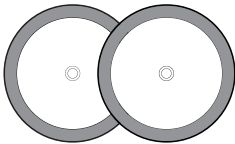
## Components



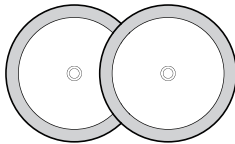
**Main Unit**



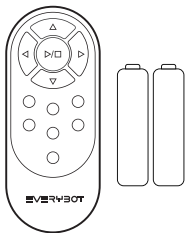
**Water Supply Mop Kit**



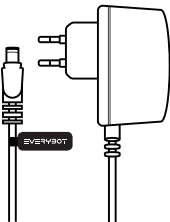
**Mother Yarn Mop  
(Grey Color)**



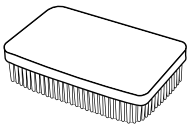
**Microfiber Mop  
(Green Color)**



**Remote Control  
(with Battery)**



**Power Adaptor**



**Silicon Brush**

### Note

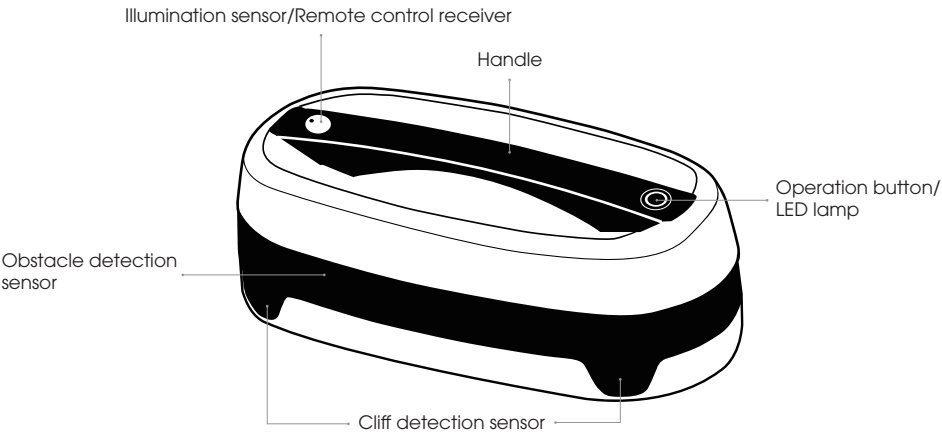
#### **Mother yarn mop (Grey color)**

It is included with mother yarn which is 100times thicker than microfiber. Thus, it is good for cleaning up dust in cracks and stains.

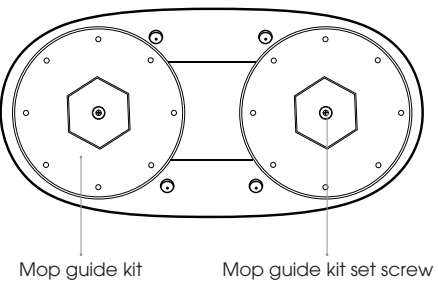
#### **Microfiber yarn (Green color)**

It is a mop with richer and longer yarns so it has superior wiping performance.

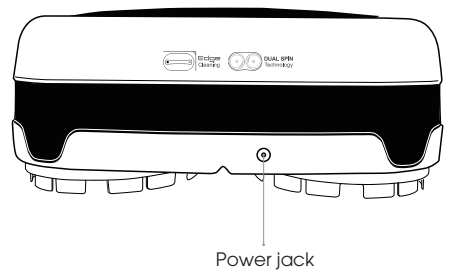
**Main Unit    Front**



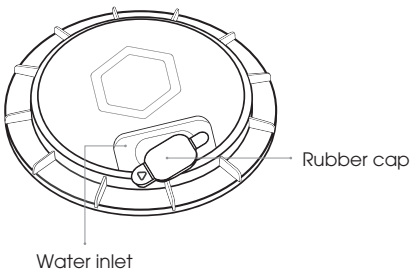
**Main Unit    Bottom**



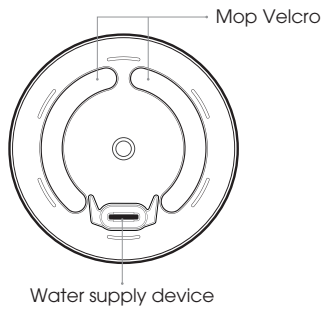
**Main Unit    Rear**



**Water Supply Mop Kit    Top**



**Water Supply Mop Kit    Bottom**



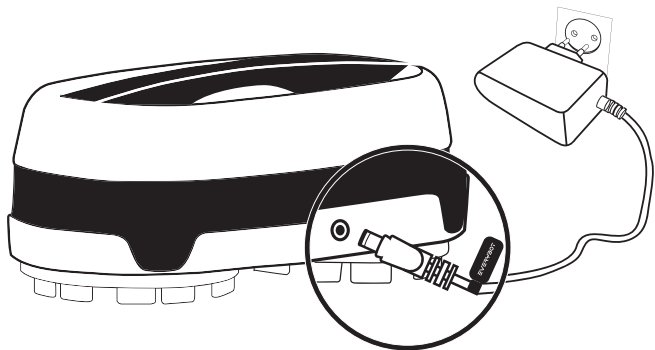
# Charging Status & Indication



Do not use unauthorized adaptors. It may cause serious damage for the product.

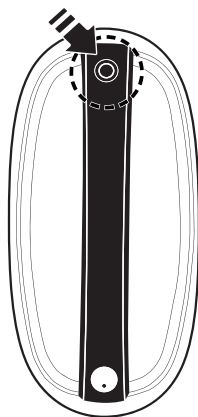
## How to Charge




Connect the power adaptor to the charging port on the back of main unit.



## Battery Level Indication

Battery level can be checked through LED lamp.



 Yellow	Yellow Blinking	Low battery
 Blue	Blue Blinking	Enough battery more than 80%
 OFF	LED Off	Fully charged
Charging time: About 100min (In case of full discharge,150 min) Operating time: About 100min (It may causes a little difference depends on the floor status)		

# Installing Water Supply Mop Kit



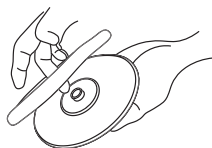
## Cautions

- Please turn off the main power when you install or detach water supply mop kits.
- Please tightly squeeze out water the mother yarn mops before attaching, otherwise the cleaning speed may slower down.

## How to Install Water Supply Mop Kit



- 1 Wet mops thoroughly in water and apply them in the main unit after wringing them out.



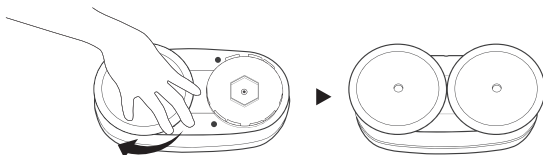
- 2 Attach the mop pads to fit the joint parts to the hole of water supply mop kit. (See the Figure below)



- 3 Open the rubber cap of the water supply mop kit.



- 4 Fill water into the water tank.



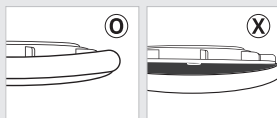
- 5 Close the rubber cap of the water supply mop kit and attach the water supply mop kit in the bottom of the main unit. (Pressing it while turning side to side will install it with a click sound)

## ! Cautions



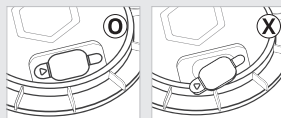
Correct

Wrong



Correct

Wrong



Correct

Wrong

When attaching the water supply mop kit to the main unit, refer to the right pictures. If the mop does not attach correctly, the mop can cover cliff detection sensors and the robot cleaner can be stopped.

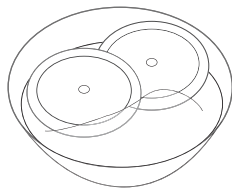
When you attach the mops to water supply mop kits, please pay attention to attach the mop correctly to the kit without chink. If the mop is attached in wrong way, it may cause some malfunctions.

After filling water in the water supply mop kit, fully close the rubber cap. If rubber cap does not close, there will be failure or malfunction in the robot cleaner.

# Water Supply Mop Kit & Mop Maintenance

## Washing Mops

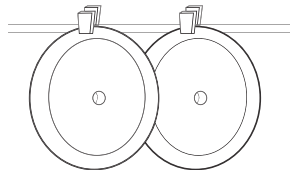
You can use included silicon brush for easier mop washing.



**1** Wet mops enough.

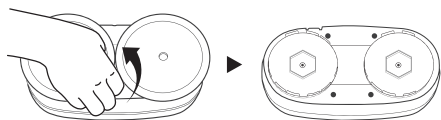


**2** Use a natural detergent for washing mops.



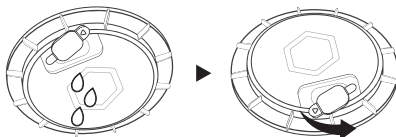
**3** Squeeze out water and dry them under the sun light.

## Maintaining Water Supply Mop Kits



**1** Separate the mop from the water tank mop kit after finished operating.

- Please just pull out the water tank mop kit by hands.
- If it is hard to pull out, please twist it a little bit.

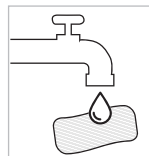
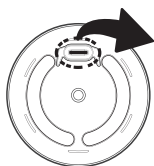


**2** Open the rubber cap to dry out inside of water tank after pour remained water.



**Note**

If water supplying is not so well, please wash the water supply cloth or change the water supply device as the picture beside.





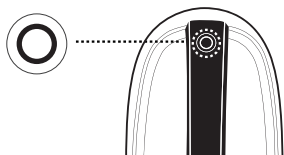
# Cleaning Operation & Remote Control



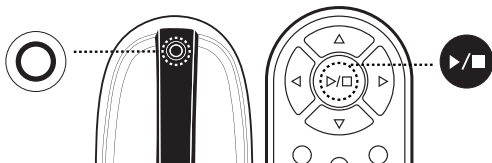
## Cautions

If you start cleaning without installing the water supply mop kit, the main unit may be damaged.

## Start Cleaning



**1** Press the operation button more than 2sec.



**2** Press the operation button on the main unit or play button of a remote control to start the machine.

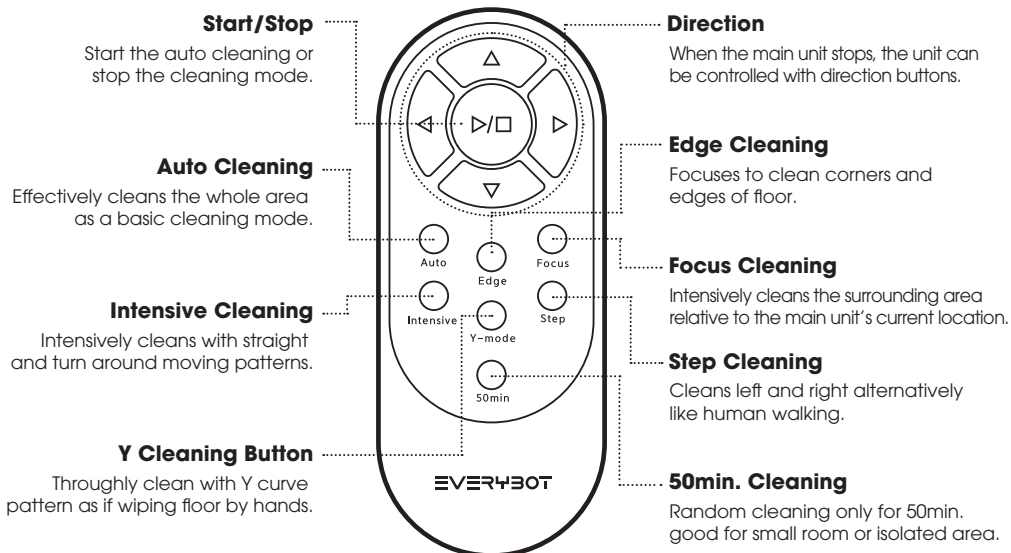


## Cautions

- If you press the operating button on the main unit or Start/Stop button on the remote control while cleaning, cleaning stops.
- If the unit does not operate for 5minutes after power switch is on, the LED lamp turns off and the unit is automatically switched off.
- If you press operation button for 2sec., It will turn on again and available to start cleaning.

## Remote Control

The range of remote control is max.5m



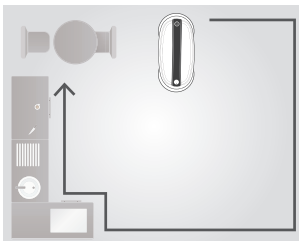
# Cleaning Modes

**Note** Select a cleaning mode you want by using the remote control.



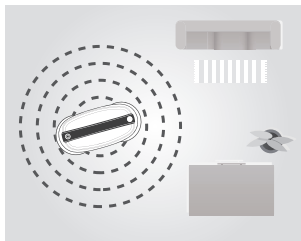
## Auto Cleaning

As a basic cleaning mode, cleans the entire space efficiently



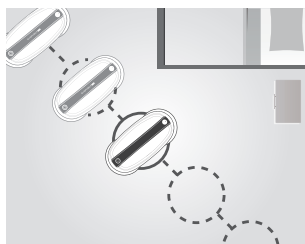
## Edge Cleaning

Focuses to clean corners and edges of floor



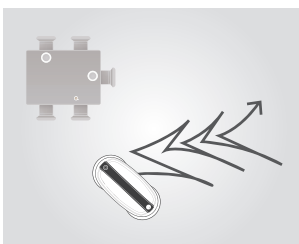
## Focus Cleaning

Intensively cleans the surrounding area relative to the main unit location



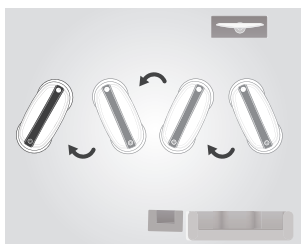
## Intensive Cleaning

Intensively cleans with straight and turn around moving patterns



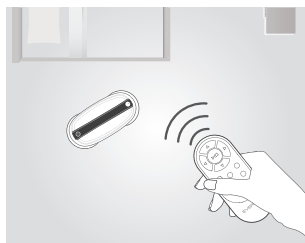
## Y Cleaning

Thoroughly clean with 'Y' curve pattern as if wiping floor by hands



## Step Cleaning

Cleans left and right alternatively like human walking



## Manual Cleaning

Cleans with direction button keys of remote control

\*Only moves when the direction button is pressed



## 50min. Cleaning

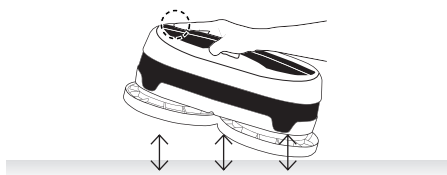
Random cleaning only for 50min. good for small room or isolated area.

# Handy Cleaning Mode & Product Maintenance

## Note

- User can clean manually by holding the handle of the main unit.
- This mode is good to clean desks, tables, glass floors, and glass windows.

## How to Use Handy Cleaning Mode



Lift up the machine with handle and press Operation button twice shortly.



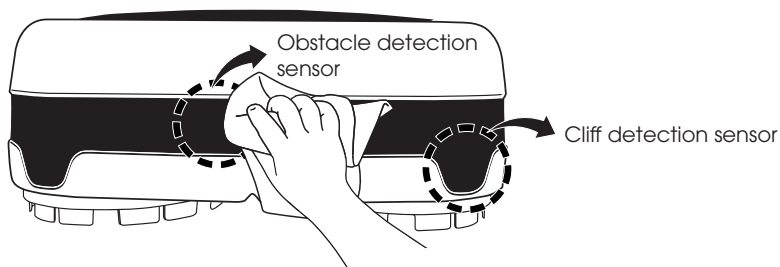
Handy cleaning starts with the mop guide kit turning.




## Cautions

- In the Handy cleaning mode, do not place the main unit on the floor.
- If you press Operating button on the main unit or Start/Stop button on the remote control in the Handy Cleaning mode, the cleaning mode stops.
- Please do not put down the machine on the floor under Handy mode operation. It may crush obstacles or fall down to cliff because all sensors will be turned off in handy mode.

## Cleaning Sensors

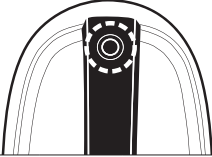





- If there is dust or the foreign substance in the obstacle detection sensors, gently wipe them by a cotton swab or dry cloth.
- If sensors are contaminated severely, wipe them by wet cotton swab.






 Do not use benzene or alcohol to clean sensors.

# LED Indications

## Description of LED Lamp



When Charging		
 Yellow	<b>Yellow Blinking</b>	Not enough battery
 Blue	<b>Blue Blinking</b>	Enough battery More than 80%
 OFF	<b>LED Off</b>	Fully charged

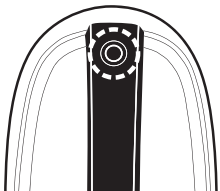
When Using		
 Blue	<b>Blue Blinking</b>	• Change mops, and fill water in the water supply mop kit and start the cleaning again.
 Yellow	<b>Yellow On</b>	• Recharge the battery. • If the battery is low while cleaning a dark place, the unit moves out to a bright place and stops its operating
 Yellow	<b>Yellow Blinking</b>	• Check whether the unit is stopped by obstacles. • Check whether there is foreign substances in the mop guide kit or water supply mop kit. • Operate the unit in a wide place again after turning on and off the power switch.
 Red	<b>Red Blinking</b>	• Check whether the authorized adapter was connected in the main unit. • Switch On/Off the system power switch and start the acleaning again. • If the same symptom is repeated, turn off the system power and contact the customer center.
 OFF	<b>LED Off</b>	• The robot cleaner is a switched off.



- Note**
- When there is an error, the main unit will stop and sound the alarm for 5 minutes with LED blink.
  - After 10 times of alarm and LED blink, the main unit will be powered off.

## This is Not a Malfunction. Please Check.

- LED lamp is off.



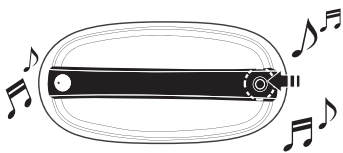
### LED Off

If the machine does not work for 5min.  
It automatically power off together with LED lamp.

### LED On

If you press a operation button for 2sec.  
LED lamp will be turned on with power on status.

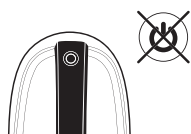
- Sound alarm while its operation.



### Blue blinking

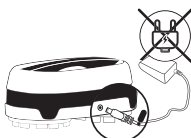
- After 50 min. cleaning, the main unit sounds the alarm to change mops and fill water in the water supply mop kit.
- For the better cleaning, replace with new mops and fill water after charging.

# Troubleshooting



## The power is not turned on.

- Check if the battery is discharged.
- Recharge the battery fully and start the main unit again.



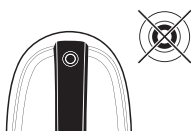
## The main unit does not charge.

- Check if the power adaptor complies with the specifications.
- Check if the power adaptor is correctly connected.



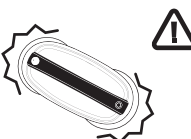
## Remote control does not work.

- Check if the System Power Switch on the main unit is on.
- Replace the batteries of the remote control with new ones.
- The remote control does not operate while recharging.
- Check if the remote control is located 5m or longer from the main unit.



## The main unit does not work.

- Please check if the main unit is powered on.  
Please press the operation button for 2sec. And check if it is turned on.
- Check battery level or errors through the LED lamp.



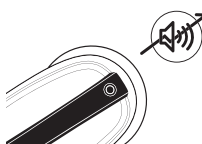
## The main unit action is not working normally during cleaning.

- Please clean up the sensor windows. (refer to 11p)
- Please check if the mops are properly attached on the mop kits.



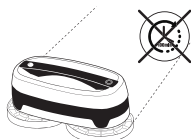
## Driving or cleaning force is weak.

- Check if the water supply mop kit or the mops are installed correctly. (refer to 7p)
- If the mops or the bottom of the main unit is too moist, remove moisture and restart.
- Check if foreign substances like a long string are caught in the water supply mop kit or mop guide kit.
- Firmly tighten the screw of the mop guide kit on the bottom of the main unit. (refer to 5p).
- The main unit is made to be operated in the home (floor) environments.



## The operational noise is louder than normal.

- Check if any foreign substances are caught in the rotating plate of the main unit.
- Loose screw of the rotating plate may cause noise.

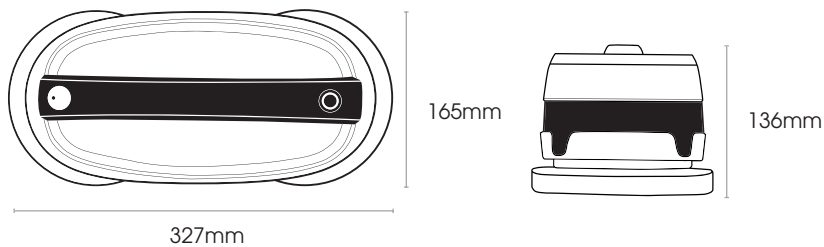


## The operating time is short.

- Charge the battery until it is full.
- If the battery is completely discharged, operating time of the main unit can be shortened.
- Check if the LED lamp blinks in red while charging.  
The LED lamp blinking in red may be a sign indicating that battery is abnormal, so turn off the System Power and contact the customer service center.

# Product Specifications

## Main Unit



<b>Product Name</b>	Electric Floor Sweeper (Floor Mopping Robot Cleaner)		
<b>Model Name</b>	Edge	<b>Power Consumption</b>	27 Wh
<b>Size</b>	W327 x D165 x H136 mm	<b>Weight</b>	1.6 kg
<b>Power</b>	AC100-240V, 50/60Hz	<b>Battery</b>	Li-ion 11.1VDC, 2150mA
<b>Operating Noise</b>	46.6 dB	<b>Operating Time</b>	100 min
<b>Driving Speed</b>	20 cm/sec		

## Remote Control

<b>Product Name</b>	IR Remote Control	<b>Model Name</b>	IRCEdge
<b>Size</b>	W150 x D50 x H21 mm	<b>Weight</b>	45g
<b>Signal Transmission Distance</b>	Max. 5m	<b>Battery</b>	2 x AAA batteries

# Product Warranty

The Warranty Service we provide to our consumers is based on the customer compensation regulation. If you request warranty service, Everybot will provide the service. The company will notify the customer of whether he or she will be compensated and the details of the compensation within seven (7) business days after the day of the customer's request, and offer the compensation within fourteen (14) business days after the day of notification.



## Paid Service

If you ask for after-sales service and the product is not found to be faulty. You will be responsible for the service fee. Please read through the User Manual before contacting the service center.

Malfunctions due to customer negligence	Cases when the product is not faulty	Other cases
<ul style="list-style-type: none"> <li>Malfunctions caused by incorrect power capacity.</li> <li>Malfunctions caused from external shock or fall.</li> <li>Malfunctions due to the use of consumables or optional devices not specified by our company.</li> <li>Malfunctions caused by repair person who is not from the partner companies specified by our company.</li> <li>Malfunctions caused by ignorance of the 'Safety Information' described in the User Manual.</li> </ul>	<ul style="list-style-type: none"> <li>Users asking for warranty service before fully understanding the User Manual.</li> <li>Problems in external environment, including propagation of radio waves and wired signals.</li> <li>Errors in initial installation for the supplied product.</li> <li>Treatment of filtering and removal of foreign substances from accessories. Malfunctions caused by other companies' products (including software).</li> </ul>	<ul style="list-style-type: none"> <li>Malfunctions caused by natural disasters. (lightning, fire, salt damage and water damage)</li> <li>The life of consumables has expired.</li> </ul>

## Free Service

Consumer Damage Type			Compensation	
			In Warranty Period	After Warranty Period
Failure of Performance & Functions in the Normal State	Significant repair is required within ten (10) days after purchase of the product		Exchange or Refund at the Purchase Price	NA
	Significant repair is required within one (1) month after purchase of the product		Exchange or Repair For Free	
	Significant repair for the replaced part is required within one (1) month after purchase		Refund at the Purchase Price	
	Exchange is Not Available			
	Repair is Available	Same failure occurs three (3) times	Exchange or Refund at the Purchase Price	Paid Repair
		Failure occurs five (5) times		
	Service provider lost the product of which repair is requested by a consumer			Refund (Depreciated Price + 10% of the Price)
	Repair is not available because the service provider does not have appropriate parts for repair in the part retaining period			
	The service provider has appropriate parts for repair, but repair is not available			
Consumer's Intentional or Negligent Fault	Repair is Not Available		Exchange After Charging Repair Fee (Paid Repair)	Exchange (After Charging Repair Fee & Applying Depreciation)
	Repair is Available		Paid Repair	Paid Repair

# EVERYBOT