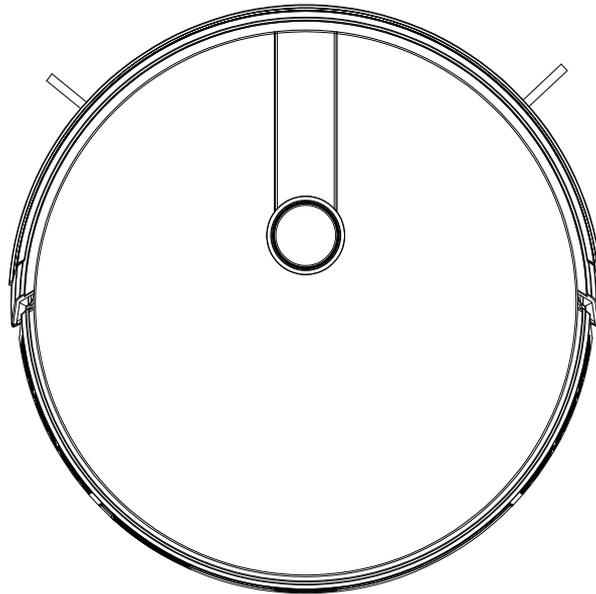


# EVOLVEO

## RoboTrex H9



[www.evolveo.com](http://www.evolveo.com)

**Dear customer,  
thank you for choosing the EVOLVEO RoboTrex H9. We believe you will enjoy a lot of fun and happiness.**

**Please, read the safety rules carefully and follow all common safety rules before using a robotic vacuum cleaner.**



#### WARNING SYMBOLS USED

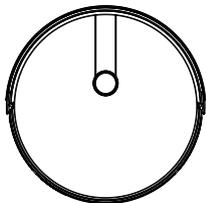
This is the safety alert symbol. This symbol alerts you to potential hazards that could result in property damage and/or serious bodily harm or death.

- This device 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 this device in a safe way and understand the hazards involved.
- Children should be supervised to ensure they do not play with this device.
- Cleaning and maintenance shall not be performed by children without adult supervision.
- This device is only to be used with the power supply unit provided.
- For the purposes of recharging the battery, only use the detachable power supply unit provided with this device.
- The battery must be removed from this device before this device is disposed of. To remove the battery from this device, first remove the screws on the bottom, then remove the battery by disconnecting the quick connector.
- The used battery should be placed in a sealed plastic bag and disposed of safely according to local environmental regulations.
- The external flexible cable or cord of the power supply unit cannot be replaced; if the cord is damaged, the power supply unit shall be disposed of.
- This device is for indoor use only.
- This device is not a toy. Do not sit or stand on this device. Small children and pets should be supervised when this device is operating.
- Store and operate this device in room temperature environments only.
- Clean with a cloth dampened with water 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, chemicals, or anything wet.
- Before using this device, pick up objects like clothing and loose paper. Lift up cords for blinds or curtains, and move power cords and fragile objects out of the way. If this device passes over a power cord and drags it, an object could be pulled off a table or shelf.
- If the room to be cleaned has a balcony, a physical barrier should be used to prevent access to the balcony and to ensure safe operation.
- Do not place anything on top of this device.
  - Be aware that this device moves around on its own. Take care when walking in the area where this device is operating to avoid stepping on it.
  - Do not operate this device in areas with exposed electrical outlets on the floor.
  - Do not expose the electronics of this device, its battery, or the integrated Charging Base. There are no user-serviceable parts inside.
  - Do not use this device on an unfinished, unsealed, waxed or rough floor. It may result in damage to the floor and this device. Use only on hard floor surfaces or low-pile carpet.
  - This device has been designed to be used on floors without scratching them. We still recommend that you test this device on a small area of the room to be cleaned to ensure no scratches are made before cleaning the whole room.

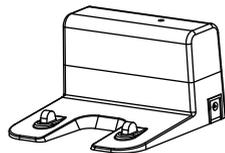
# Contents

Product Composition / Package Contents .....	3
Product Composition / Part Name .....	4
Product Usage / Preparation .....	6
Product Use/ Charge Robot .....	7
Product Use / Turn On / Turn Off .....	8
Product Use / Start Pause, Wake up .....	8
Product Usage / Select a Cleaning Mode .....	9
Component Use the Boundary Strip .....	11
Component Time Scheduling Setting .....	11
Component Cleaning and Maintenance .....	12
Troubleshooting .....	16
Product Parameter .....	17

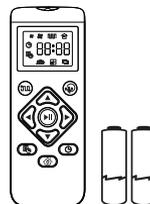
## Product Composition / Package Contents



Robot



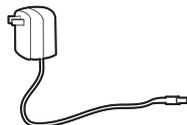
Charging Base



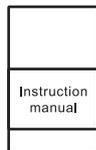
Remote Control (with battery x2)



Dust Box



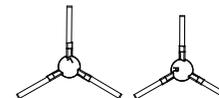
Power Adapter



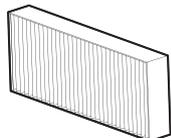
Instruction Manual



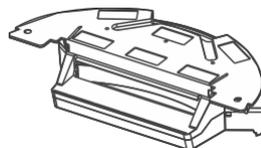
Cleaning Brush



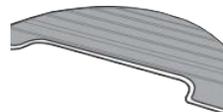
Side Brush x4



HEPA Filter x2



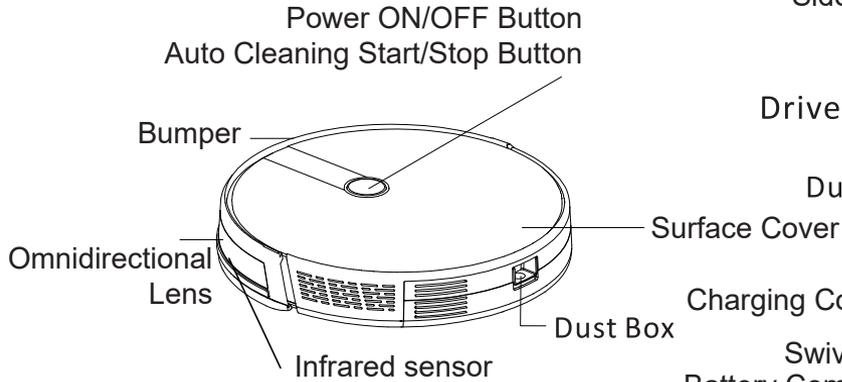
Water Box



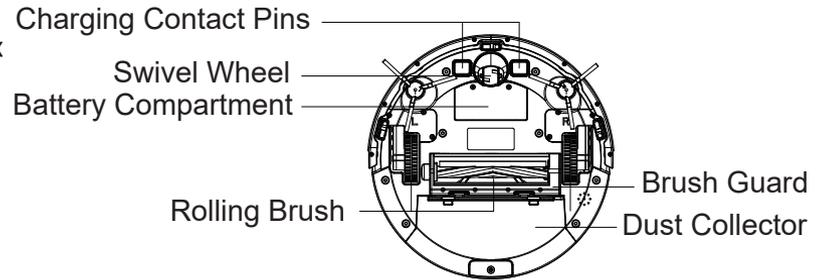
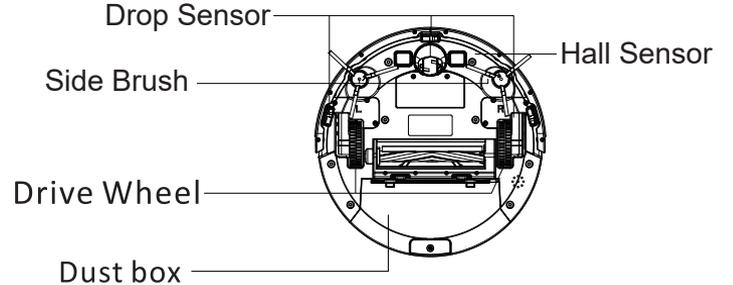
Mopping Cloth x2

# Product Composition / Part Name

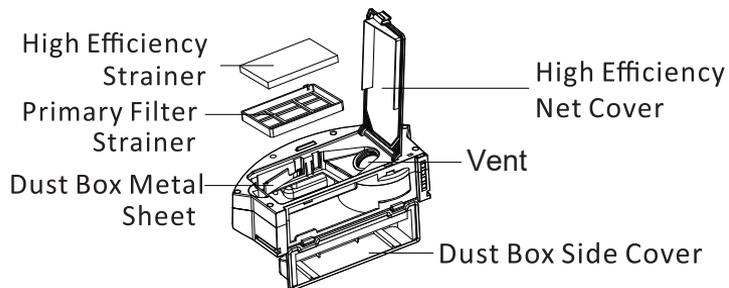
Front Robot



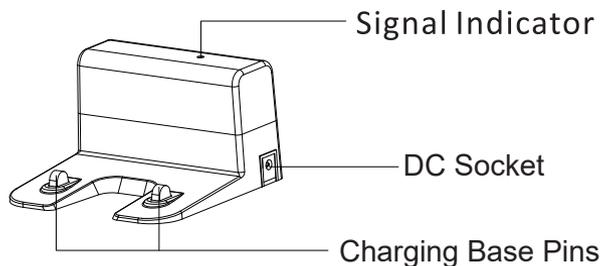
Back Robot



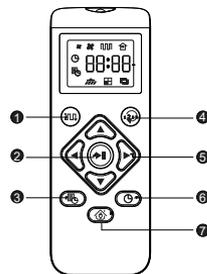
## Dust Box



## Charging Base

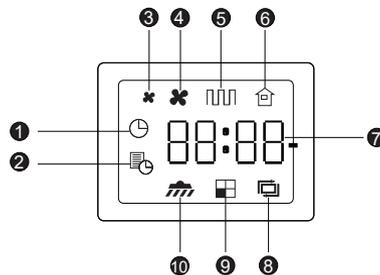


## Remote Control



- 1 Start Auto Cleaning  
Adjust suction power level in Auto Cleaning Mode
- 2 Start Auto Cleaning  
Stop Cleaning
- 3 Schedule Auto Cleaning start time
- 4 Mode Switching:  
Spot Cleaning Mode  
Single Room Cleaning Mode  
Edge Cleaning Mode
- 5 Control cleaning direction manually  
Adjust the hour and minute
- 6 Adjust time
- 7 Return to Charging Base

## Remote Control Display



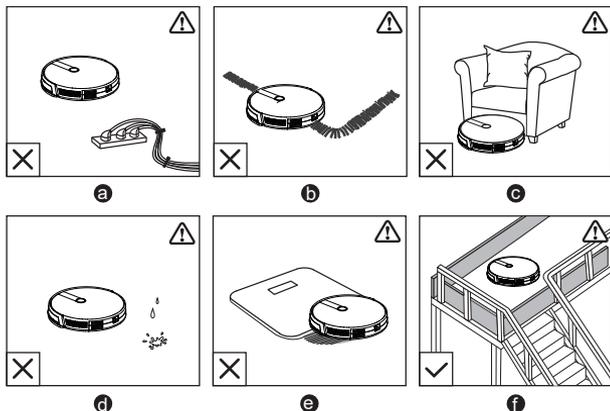
- 1 Time Setting
- 2 Schedule cleaning time
- 3 Standard suction power
- 4 Strong suction power
- 5 Auto Cleaning Mode
- 6 Returning to Charging Base
- 7 Clock
- 8 Edge Cleaning Mode
- 9 Single Room cleaning Mode
- 10 Spot Cleaning Mode



Install 2 AAA batteries before using the remote control for the first time. Make sure The positive and negative ends are facing the correct polarity direction as marked in The battery compartment.

# Product Usage / Preparation

## Important Tips Before Use



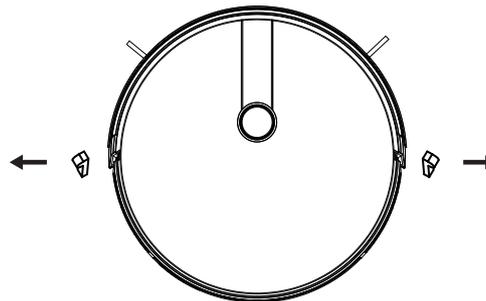
- ⓐ Remove power cords and small objects from the floor that may entangle Robot. You can use the supplied cable ties to organize your wires and power cords.
- ⓑ Fold tasseled edges of area rugs underneath to prevent tangling Robot. Avoid cleaning very dark-colored high-pile rugs or rugs thicker than 1.02 in/26 mm as they may cause Robot to malfunction.
- ⓒ Keep Robot away from spaces lower than 2.87 in/73 mm to prevent Robot from getting stuck. If necessary, place a physical barrier to block off the problem areas.
- ⓓ Keep Robot away from wet areas.
- ⓔ Robot may climb on top of objects less than 0.63 in/16 mm in height. Remove these objects if possible.
- ⓕ Anti-drop sensors prevent Robot from tumbling down stairs and steep drops. They may work less effectively if dirty or used on reflective/very dark-colored floors.



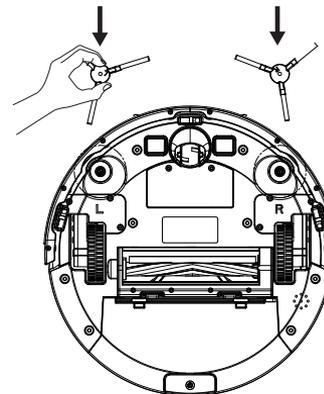
Place physical barriers in front of fireplaces and areas that may cause damage to Robot if entered.

Before using the Robot, remove the protective strip on the Robot.

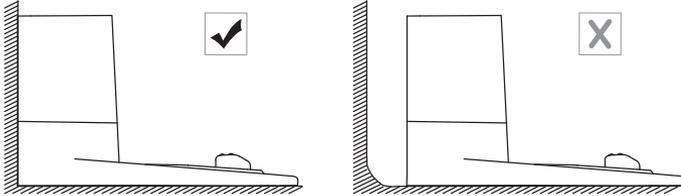
### 1 Remove Protection



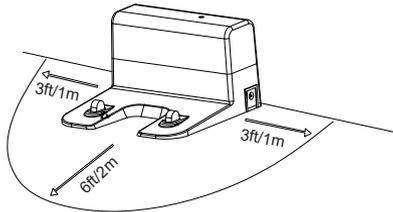
### 2 Install the side brushes before use.



- 3 Place the Charging Base on a hard, level surface and against a wall.

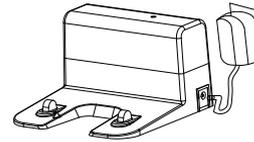


- 4 Remove objects within 3 ft/1 m on both sides and within 6 ft/2 m in front of the charging base.



- 5 Plug the adapter into the a wall outlet and pulg the DC jack into the DC socket of the Charging Base.

- When the Charging Base connects to AC power, the LED indicator on the Charging Base is SOLID GREEN



 Install the Charging Base in a location that Robot can easily access. It is recommended to place the Charging Base against a wall, and on a hard-level surface rather than on rugs or carpets.

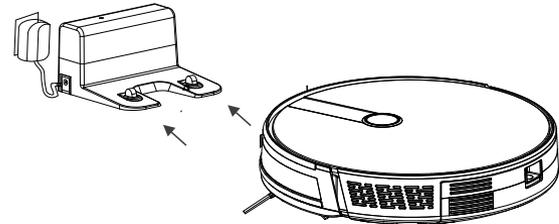
- Always keep the Charging Base plugged in, otherwise Robot will not automatically return to it.

## Charge Your Robot

- Robot has a pre-installed rechargeable battery that has to be fully charged before use.
- Robot returns to the Charging Base at the end of a cleaning cycle or when its battery is running low

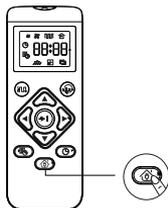
### Method 1

- Attach Robot to the Charging Base by aligning its charging pins with the charging pins on the base.



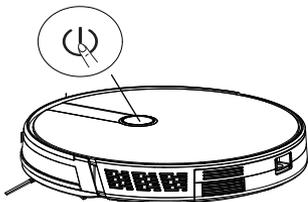
## Method 2

- Press  on the remote control to return Robot to the Charging Base



## Turn On and Turn Off

**Turn On:** Press  on the Robot until the indicator light on the Robot turns on and the “welcome to use sweeping robot” Prompt Tone



**Turn Off:** Press  on the Robot until the indicator light on the Robot turns off.



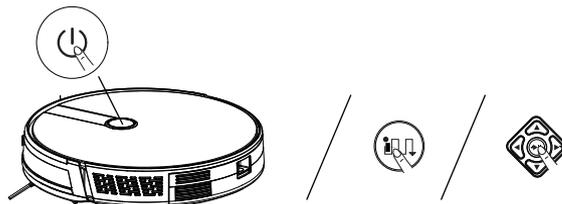
Turn off the Robot if it will not be used for a long period of time. To preserve the battery's lifespan, recharge at least once every 6 months.

## Start / Stop / Wake up

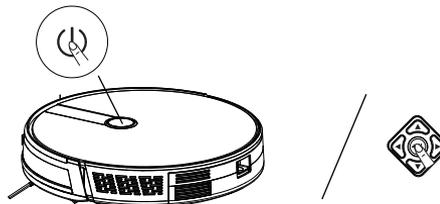


Make sure the Robot is turned on before use.

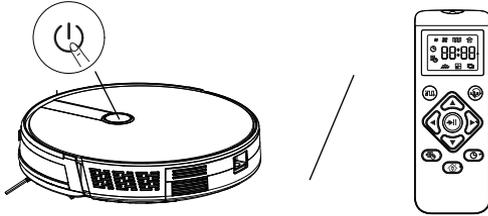
1. Press  on the Robot or  /  on the remote control to start cleaning in Auto Mode



2. Press  on the Robot or  on the remote control to stop cleaning



3. Press  on the Robot or any key on the remote control to wake up

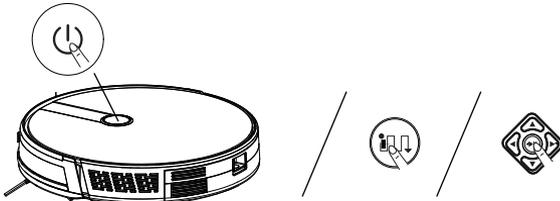


If the Robot stops working for more than ten minutes, it will automatically enter the sleep mode ( all the lights on the robot will turn off)

## Select a Cleaning Mode

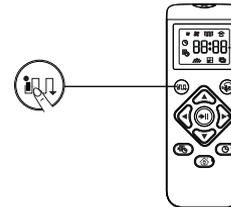
### 1. Auto Cleaning

- Robot optimizes its cleaning path by selecting different cleaning modes automatically until cleaning is complete. This is the most commonly used cleaning mode.
- Press  on the Robot or  /  on the remote control to start cleaning in Auto Mode



- Robot will return to the Charging Base automatically when the battery level becomes low or when Robot finishes cleaning.  
- By default, Robot starts in Auto Cleaning mode when it is turned on.

- Press  on the remote control repeatedly to adjust the suction power level.



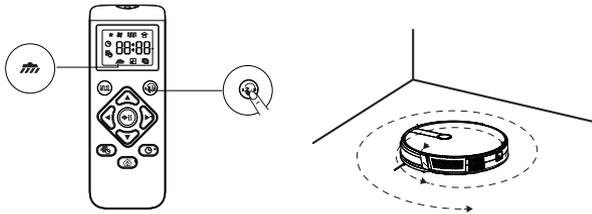
- Adjust the suction power to ensure the best clean. It is ideal for cleaning thicker carpets and hard-to-sweep messes, which will reduce the total cleaning time, but increase the noise level.



-This feature only works in Auto cleaning modes.

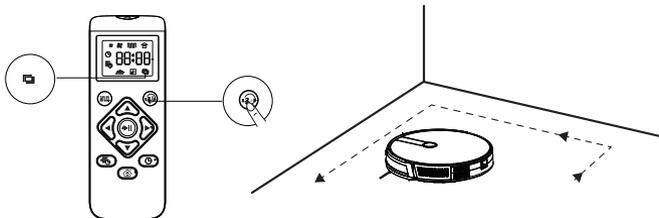
## 2. Spot Cleaning

- Robot intensively cleans a specific area in a spiral pattern within the 5 ft radius, useful if there is a concentrated area of dust or debris.
- Press  on the remote control repeatedly, until the icon of Spot Cleaning Mode is displayed on the screen



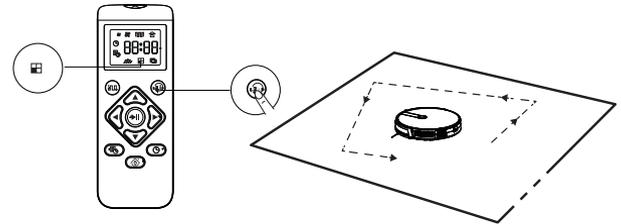
## 3. Edge Cleaning

- Robot reduces the moving speed when detects a wall and then follows the wall to ensure the edge is cleaned thoroughly. Robot will return to the Charging Base when finish.
- Press  on the remote control repeatedly, until the icon of Edge Cleaning Mode is displayed on the screen



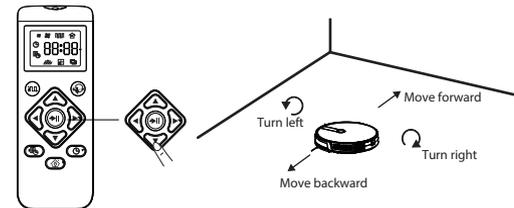
## 4. Single Room Cleaning

- Select this mode only when one specific room needs to be cleaned. Make sure to confine Robot to the room by closing the door. Robot will also clean the edges before finish.
- Press  on the remote control repeatedly, until the icon of Single Room Cleaning Mode is displayed on the screen



## 5. Manual Cleaning

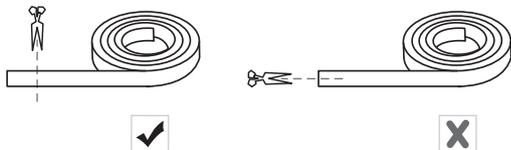
- You can direct Robot to clean a particular area by using the directional buttons on the remote control.



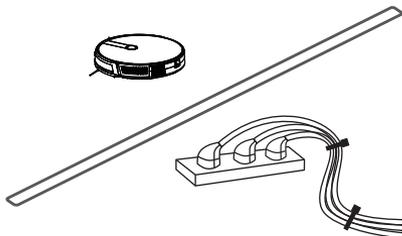
## Use the Boundary Strip - (OPTIONAL)

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.

1. Identify the area or item you do not want Robot to get close to.
2. If necessary, use scissors to cut the Boundary Strip to a shorter length. Be sure to correctly measure the length before cutting.



3. Apply adhesive tape to lay the Boundary Strip flat on the floor. Make sure the strip is placed FLAT on the floor or under an area rug.



- 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.
- Make sure the Boundary Strip is placed on the same surface plane Robot is used on.
- 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.

## Set Time and Scheduled Cleaning

### Set Time



- Make sure the time is set correctly to your local time before setting a scheduled cleaning.
- Make sure the Robot is turned on

1. Press **⏸** on the remote control. The time will blink on the display
2. Press **⏪** **⏩** **⏴** **⏵** to set the “hour” and “minute”
3. Press **⏸** to save the setting.



1



2



3

### Set a Scheduled Cleaning

- You can schedule Robot to start cleaning at a specified time.
- To cancel a previously scheduled cleaning, press and hold **⏸** for 3 seconds

1. Press **⏸** on the remote control. The time will blink on the display
2. Press **⏪** **⏩** **⏴** **⏵** to set the “hour” and “minute”
3. Press **⏸** to save the setting.



1



2



3

## Cleaning and Maintenance

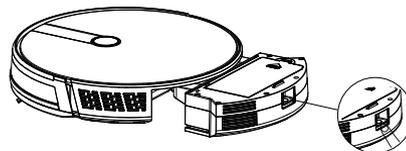
For optimal performance, follow the instructions below to clean and maintain Robot regularly. The cleaning/replacement frequency will depend on your usage habits of Robot.

Recommended cleaning/replacement frequency:

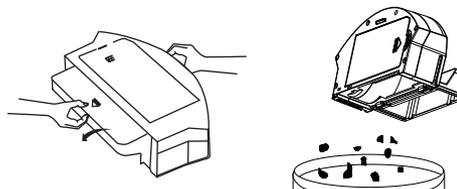
Robot Part	Cleaning Frequency	Replacement Frequency
Filters	Once every week	Every 2 months
Rolling Brush	Once every week	Every 6-12 months
Side Brushes	Once every month	Every 3-6 months (or when visibly worn)
Brush Guard	Once every month	Every 3-6 months (or when the silicone rubber strip on the brush guard becomes visibly worn)
Sensors	Once every month	
Charging Pins	Once every month	
Swivel Wheel	Once every month	

## Clean the Dust Collector and Filters

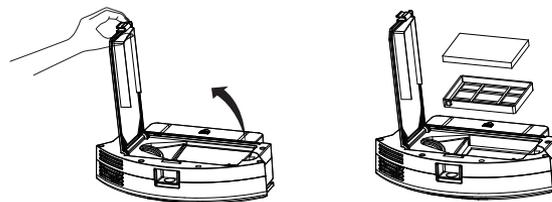
1. Press the dust collector release button to pull the dust collector out



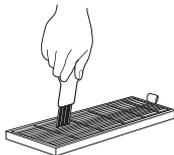
2. Open and empty the dust collector



3. Take out the foam filter and high-performance filter



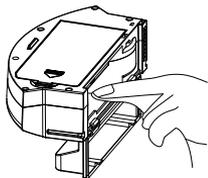
4. Clean the dust collector and filters with a vacuum cleaner or a cleaning brush.



5. Use water to rinse the primary filter screen



6. The dust box can be scrubbed clean with dishcloth.

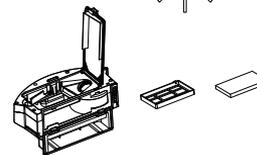


Do not allow water into the fan port during cleaning the dust box

7. Dry the dust box and filter assembly, and keep the robot dry to ensure its service life.

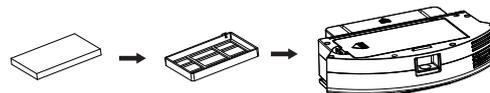


-It is recommended to clean the primary strainer with water every 15 - 30 days after been used. The use life of the high efficiency filter screen is 3 months.



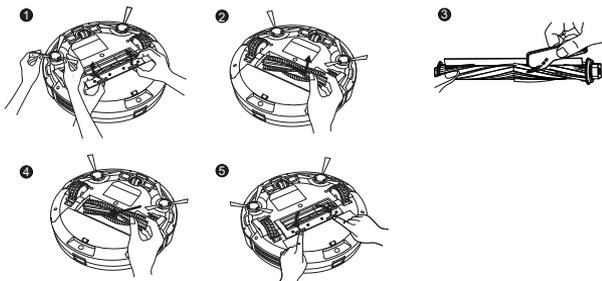
1. Before installing the filter screen, please ensure that the high efficiency filter screen and the primary filter screen are dry.
2. Do not expose the high efficiency strainer and primary strainer into the sun.

8. Put the filters and pre-filter back together in the dust collector.



## Clean the Rolling Brush

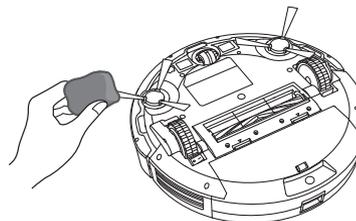
- 1 Pull on the release tabs to unlock the brush guard as shown.
- 2 Lift the rolling brush to remove.
- 3 Clean the rolling brush with the provided cleaning tool or a vacuum cleaner.
- 4 Reinstall the rolling brush by inserting the fixed protruding end first and then clicking into place.
- 5 Press down to snap the brush guard into place



## Clean the Side Brushes

Foreign substances, such as hair, can easily get tangled in the side brushes, and dirt may adhere to them. Be sure to clean them regularly

- 1 Remove the side brushes
- 2 Carefully unwind and pull off any hair or string that is wrapped between the main unit and the side brushes
- 3 Use a cloth dampened with warm water to remove dust from the brushes or to gently reshape them.

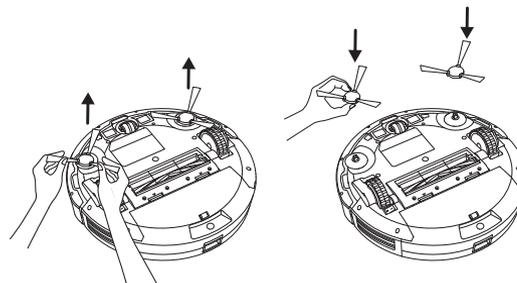


 Only use the side brushes when completely dried.

## Replace the Side Brushes

The side brushes may become bent or damaged after being used for a period of time. Follow the instructions below to replace them

Pull off the old side brushes and snap the new ones into place



## Clean the Sensors and Charging Pins

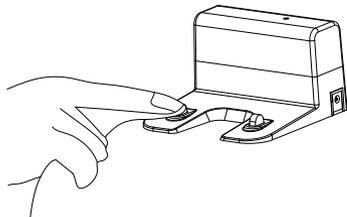
To maintain the best performance, clean the drop sensors and charging pins regularly.

Dust off the drop sensors and charging contact pins using a cloth or cleaning brush.

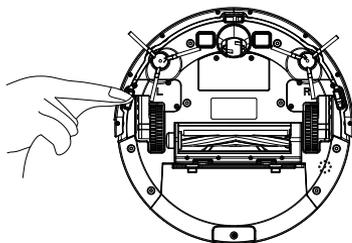


please use dry dishcloth for cleaning, and do not use wet dishcloth to prevent damage caused by water.

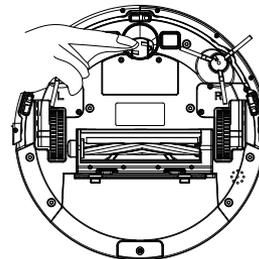
Clean up charging dock pins



Clean the down-view sensor



Clean drive wheels and swivel wheel



## Troubleshooting

No.	Prompt Tone	Cause of Failure	Solution
1	Wheels off the ground	Robot suspended	Please put the Robot back to the ground and press the cleaning key again.
2	Dust box not installed	Dust box removed and not installed	Return the dust box to the Robot and press the cleaning key again.
3	Battery failure	Abnormal battery charging	Contact our customer service department to test battery.
4	Please check if the wheel is stuck	Wheel jammed	Check whether the wheel is entangled with foreign objects and clean up the entangled objects.
5	Please check if the front collision is stuck	Front impact bracket stuck	Check whether the front collision can rebound normally
6	The battery is low, please charge the machine	Battery power less than 20 %	The machine automatically enters the recharge mode
7	Please check whether the side brush is tangled or jammed	Abnormal edge brushing	Check whether the side brush is wound by wire and clean up the wound
8	Please move the machine to the open area.	The machine failed to get out of trouble.	Please move the Robot to an empty place and press the cleaning key again.

<b>Product Parameter</b>		
<b>Classification</b>	<b>Projects</b>	<b>Parameter</b>
Structural class	Diameter	330 mm / 1.08 ft
	Height	76mm / 0.25 ft
	Net weight	3.0 kg / 6.61 lbs
Battery	Voltage	14.4 volts
	Battery	2500 mAh rechargeable lithium battery pack
parameter	Dust box capacity	600 ml
	Charging type	Automatic charging / Manual charging
	Cleaning mode	Auto / Single Room / Edge / Spot
	Primary charging time	About 5 hours
	Working time	About 100 minutes
Robot	Rated power (w)	28w
	Operating voltage ( v )	14.4v

## TROUBLESHOOTING

First read "FAQ - Frequently Asked Questions" at:

[www.evolveo.com/en/robotrex-h9](http://www.evolveo.com/en/robotrex-h9) or contact EVOLVEO Technical Support.

## TECHNICAL SUPPORT

[www.evolveo.com/en/support](http://www.evolveo.com/en/support)

### The warranty DOES NOT APPLY to:

- using the device for other purposes than it was designed to
- failure to observe the "Important Safety Instructions" stated in the user manual
- electrical or mechanical damage caused by improper use
- damage caused by natural elements such as water, fire, static electricity, power surges etcetera
- damage caused by an unauthorized repair
- unreadable serial number
- the battery capacity drops after 6 months of using (6-months battery life warranty)



### Disposal

The symbol of crossed out wheeled bin on the product, within the literature or on the packaging reminds you that in the European Union, all electric and electronic products, batteries and accumulators must be stored as assorted waste after the end of their service life. Do not throw these products into the unsorted municipal waste.



### DECLARATION OF CONFORMITY

Hereby, the company Abacus Electric s.r.o. declares that the EVOLVEO RoboTrex H9 is in compliance with the requirements of the standards and regulations, relevant for the given type of device.

Find the complete text of Declaration of conformity at <ftp://ftp.evolveo.com/ce>

Copyright © Abacus Electric, s.r.o.

[www.evolveo.com](http://www.evolveo.com)

[www.facebook.com/EvolveoCZ](https://www.facebook.com/EvolveoCZ)

All rights reserved.

Design and specification may be changed without prior notice.