

# **Robx HB 01 Sweeping and Mopping Robot User Manual**



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# IMPORTANT SAFETY INSTRUCTIONS

READ THESE INSTRUCTIONS BEFORE USING THIS ROBX .

IT IS INTENDED FOR HOUSEHOLD USE ONLY.

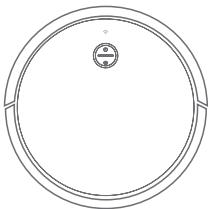
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The appliance is only to be used with the power supply unit provided with the appliance.
- DO NOT use or purchase accessories or replacement parts from unauthorized outlets. Only use original parts made by Kyvol and contact us directly if you need an accessory or replacement part.
- DO NOT operate the Robx on or close to wet surfaces when using it to vacuum dust.
- DO NOT operate the Robx close to unattended babies or children.
- DO NOT use the Robx to vacuum burning or smoking objects such as cigarettes or hot ashes etc. This is a fire hazard.
- DO NOT place anything on the Robx or hit against it.
- DO NOT operate the Robx with wet hands.
- DO NOT use if the power cable or plug appears to be damaged.
- DO NOT use the Robx to clean up flammable liquids such as oil and paint.
- DO NOT apply any fragrance or scented products to the Robx's filter. This is a fire hazard.
- DO NOT use the Robx in rooms with open fireplaces, lit candles or fragile objects on the floor.
- DO NOT use your Robx in areas with exposed electrical outlets.
- We recommend you test the Robx on a small area before general use. This is to ensure that the appliance does not scratch or damage the floor.
- Please ensure that all individuals are aware that your Robx is in use. This is to avoid any accidents.
- Ensure that the **Dust Bin** or the **Filter** are firmly in place before using the Robx.
- Remove all power cords and other loose items which could get tangled into the appliance from the floor before using the Robx.
- Remove all loose objects from the floor before using your Robx to prevent its openings from being blocked. This includes clothing and loose papers.

- Keep the Robx free of lint, hair and anything that may reduce airflow.
- Use two hands when moving or carrying the Robx.
- Clean your Robx with a dry or damp cloth.
- The **Power Adapter** for the **Charging Base** must be removed from the socket before cleaning or maintaining.
- Unplug the **Charging Base** when not in use for extended periods of time.
- Kyvol will accept no liability or responsibility for fires, explosions or electrical shocks caused by improper operation, dismantling the Robx or by not adhering to the above safety instructions.

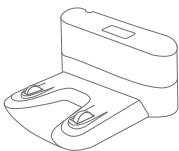
## BATTERY

- This appliance contains batteries that are non-replaceable.
- The battery must be removed from the appliance before it is scrapped.
- DO NOT attempt to disassemble or replace the battery yourself as this may cause overheating, fire or injury.
- DO NOT expose the battery to any direct heat source, including fire or direct sunlight. This is a fire hazard.
- DO NOT dispose of the Robx or the battery pack in fire, water or other liquids. This is to avoid any fire hazards.
- DO NOT dispose of the Li-ion battery in your household waste. Dispose of it following your local environmental laws and regulations.
- For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance.

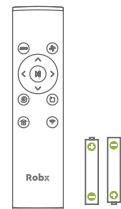
## PACKING LIST



Robot Vacuum Cleaner  
(Dust Bin Included)



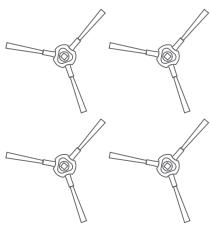
Charging Base



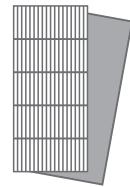
Remote  
and AAA Batteries



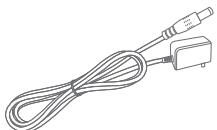
Cleaning Brush



Side Brush x 4



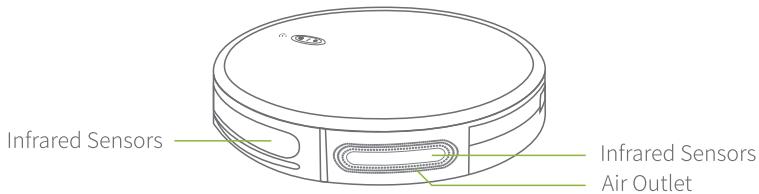
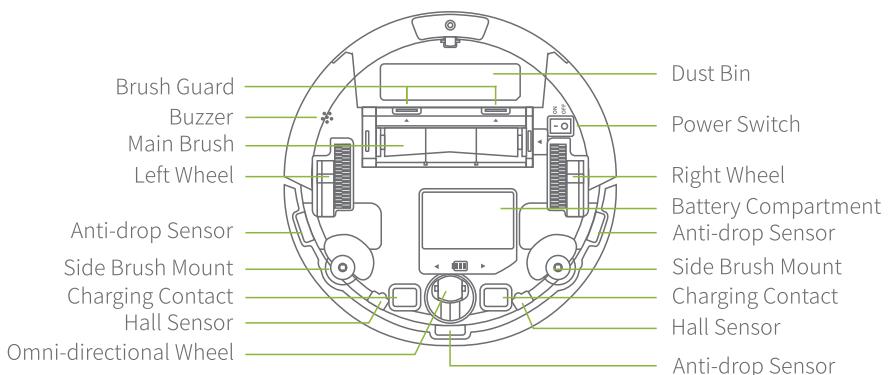
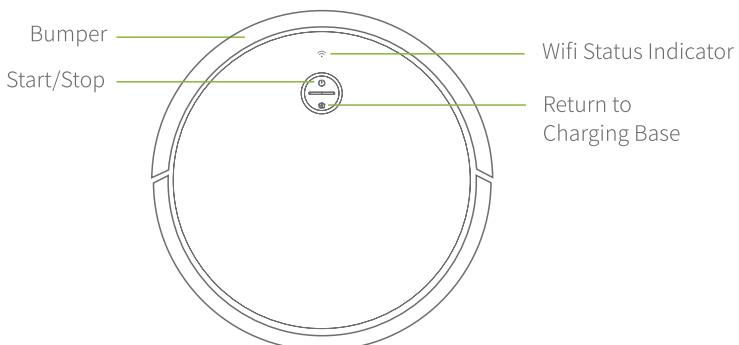
Spare HEPA and Sponge



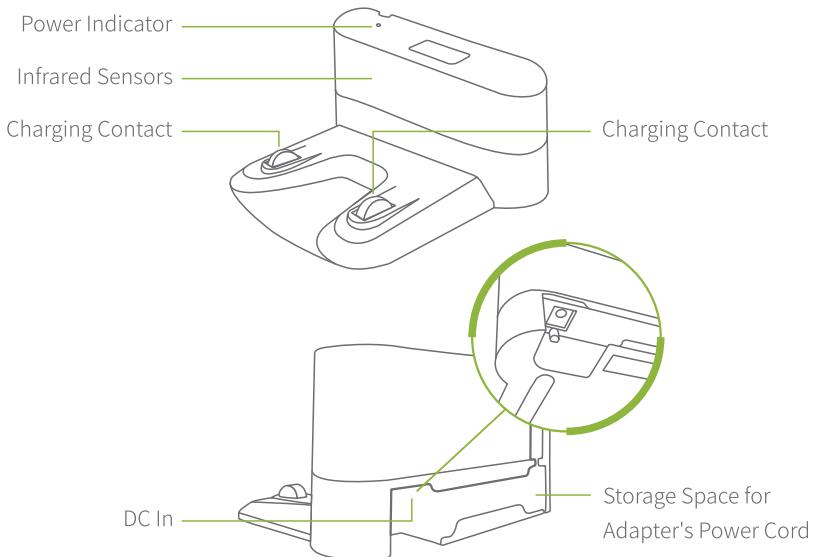
Power Adapter  
(for Charging Base)

# PRODUCT OVERVIEW

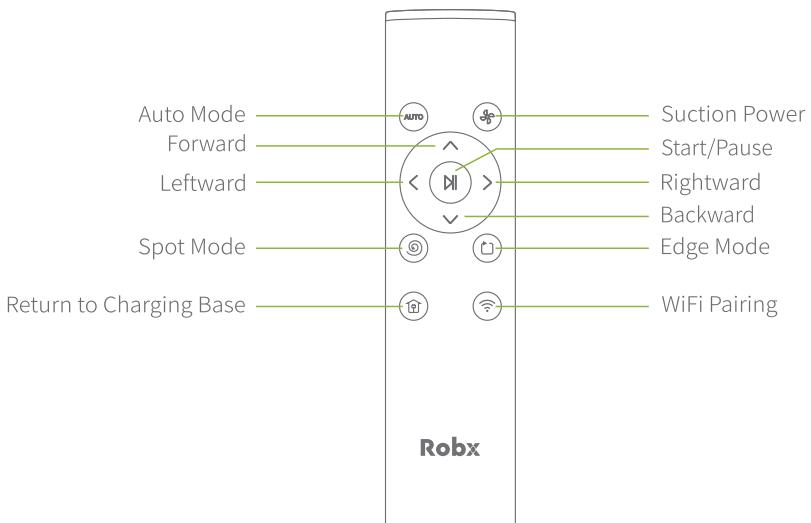
## ROBOT VACUUM CLEANER



## CHARGING BASE



## REMOTE



### WiFi Pairing:

Press and hold the button on the remote for 5 seconds; release until you hear 2 beeps from the robot and the WiFi status indicator flashes blue quickly.

# GETTING STARTED

Peel off sticker to reveal Power Switch.



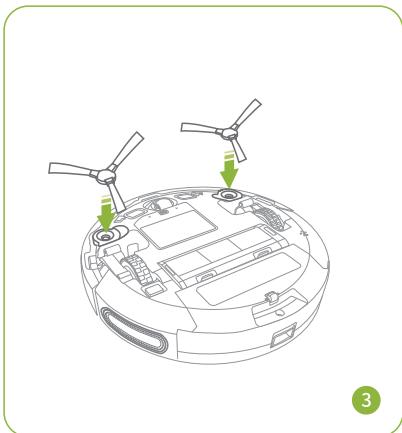
1

Remove protective material located on both sides of the Robx.



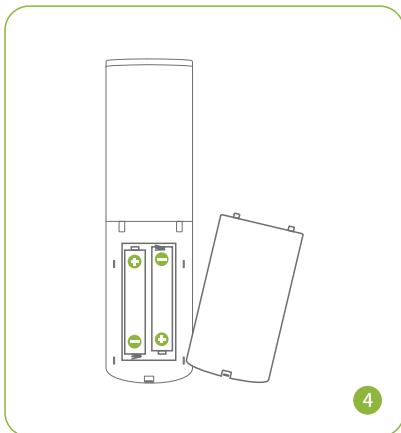
2

Attach the **Side Brushes** into the **Side Brush Mounts** on the bottom of the Robx.



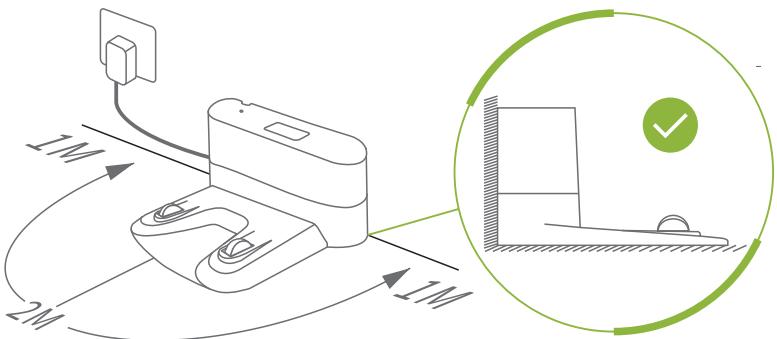
3

Install the AAA batteries into the **Remote**.



4

Place the **Charging Base** on the floor, against a wall. Plug the Power Adapter into a wall socket and connect to the **Charging Base**. Remove all objects on the floor within a 1-2m radius.

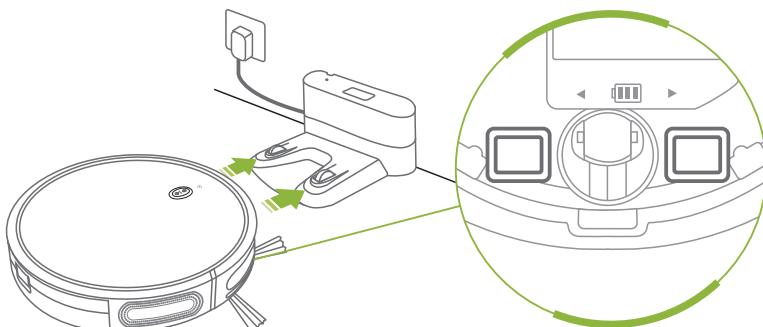


! Notes:

1. Ensure the base is powered, which is indicated by a solid white Power Indicator on it.
2. Place the **Charging Base** where the Robx can easily access.
3. Ensure that the **Charging Base** is plugged in to avoid that the Cybovac can't find the **Charging Base** when its battery power gets low.
4. Keep all surplus power cords stored in the **Storage Space** at all times, which is located at the back of the **Charging Base**. This is to prevent your Robx from getting stuck.

5

Please fully charge your Robx before your first use. Manually align the **Charging Contacts** on the bottom of the Robx with those on the **Charging Base**.



6

Charging:



Pulse orange

Fully Charged:



Solid green

Low Battery:



Solid orange

Critically Low Battery:



Flash red

! Notes:

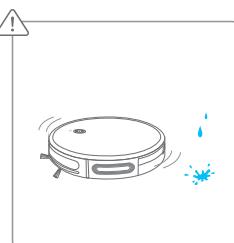
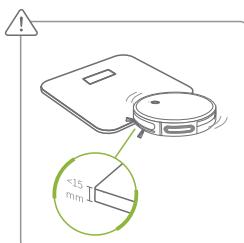
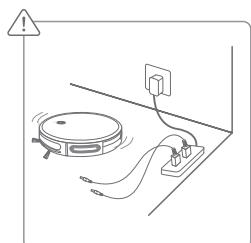
1. It takes the Robx up to 6.5 hours to fully charge. This will provide up to 150 minutes cleaning time for Auto Mode with the minimum suction power.
2. The Robx will return to the Charging Base when its battery level is low. At a critically low battery level, it will stop moving entirely and will require you to manually place it on the Charging Base.
3. To extend the battery's lifespan, recharge the Robx at least once every 3 months if not using it for long periods of time.
4. Do not open the battery compartment and replace the battery by yourself.

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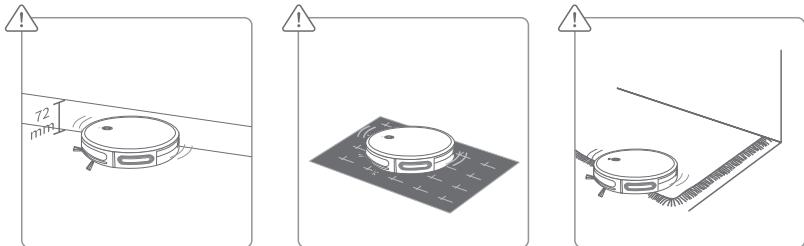
## OPERATION GUIDE

### CLEANING PREPARATION

Tidy the area before using the Robx for a worry-free cleaning experience.



08

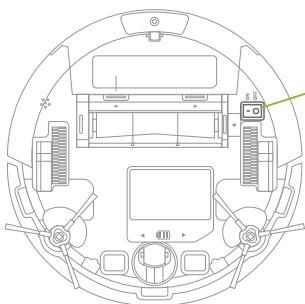


**!** Notes:

1. Remove any objects from the floor that may entangle the Robx, such as power cords, ropes, etc.
2. The Robx will mount all objects that are less than 15mm thick. If you do not wish for such items to be cleaned, please remove them from the area.
3. Do not operate the Robx on a wet surface when using it to vacuum dust.
4. Keep the Robx away from furniture that is raised 72mm or less from the ground(because the thickness of Robx is 72mm). This is to ensure that the appliance doesn't get stuck. The **Magnetic Strip** could be used to create a "no-go" area in this situation.
5. The Robx may not operate on certain dark colored surfaces as the **Anti-drop Sensors** may regard this as an edge.
6. Fold the tasseled edges underneath the area rugs to prevent tangling the Robx.

## POWER ON/OFF

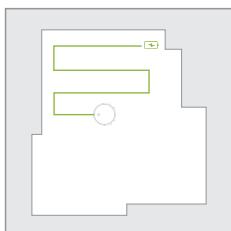
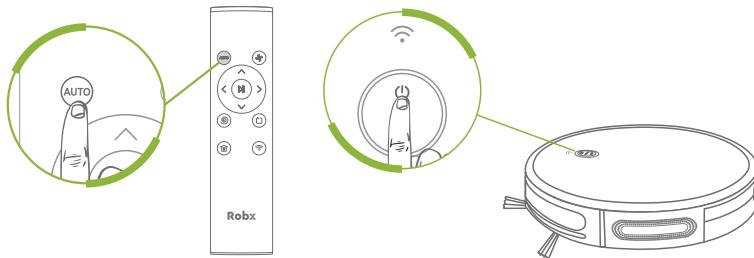
Press the Power Switch to ON on the bottom of the Robx to power it on; to power it off, press the Power Switch to OFF.



# CLEANING MODES

## Auto Mode

After powering on, press  on the Robx or  on the remote to begin Auto Mode. This will then instruct the Robx to clean all accessible space with the medium suction power (default level). The Robx will return to the **Charging Base** after finishing cleaning.



- \* Press  on the Robx or  on the remote to pause the cleaning process; press again to resume.
- \* Press  on the Robx or  on the remote to pause the cleaning process, then press , , , or  on the remote to manually adjust the direction of the Cybovac.
- \* Press  on the Robx or the remote to get it back to the **Charging Base**.
- \* Press  to adjust the levels of the suction power.

### Tips:

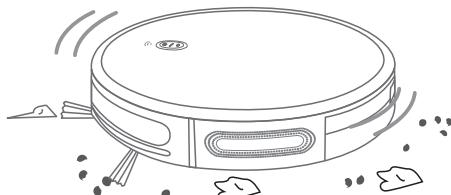
- 1 When the battery power gets low, the Robx will automatically return to the **Charging Base**. We highly recommend keeping the Cybovac connected to the **Charging Base** at all times, and fully charging it before operating.
- 2 If the Robx can't locate the **Charging Base** due to obstacles, please manually connect it to the **Charging Base** yourself.

## Spot Mode

This cleaning mode aims to intensively clean a specific area.

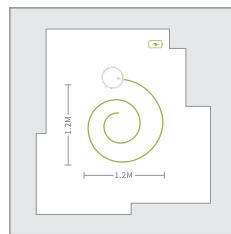
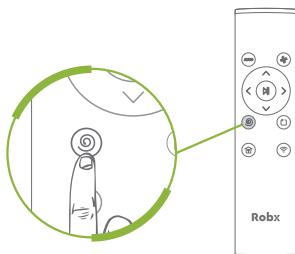
### Step 1:

Locate an area that needs intensive cleaning, such as one with lots of dust. Move the Robx to the center of this area.



### Step 2:

Press to start the spot cleaning process. It will move in a spiral pattern. The maximum diameter of the spiral is approximately 1.2m (3.9ft). This process will last approximately 2 minutes, then the Robx will enter Standby Mode.



- \* Press on the Robx or on the remote to pause the current cleaning process; press again to switch to Auto Mode. If you'd like to resume spot mode, press on the Robx or on the remote to pause the auto mode, then press again.
- \* Press on the Robx or on the remote to pause the cleaning process, then press , , , on the remote to manually adjust the direction of the Robx.
- \* Press on the Robx or the remote to get it back to the Charging Base.

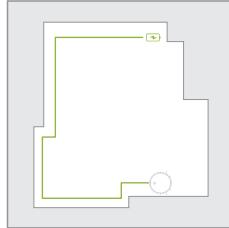
### Tips:

- 1 When the battery power gets low, the Robx will automatically return to the Charging Base. We highly recommend keeping the Robx connected to the Charging Base at all times, and fully charging it before operating.
- 2 If the Robx can't locate the Charging Base due to obstacles, please manually connect it to the Charging Base yourself.

## Edge Mode

This mode is to thoroughly clean the edges along the wall or any furniture.

Press  on the remote to begin the edge cleaning process. The Robx will clean for approximately 20 minutes along any edges, then return to the Charging Base.



- \* Press  on the Robx or  on the remote to pause the cleaning process; press again to switch to Auto Mode. If you'd like to resume edge mode, press  on the Robx or  on the remote to pause the auto mode then press  again.
- \* Press  on the Robx or  on the remote to pause the cleaning process, then press , , ,  on the remote to manually adjust the direction of the Cybovac.
- \* Press  on the Robx or the remote to get it back to the Charging Base.

### Tips:

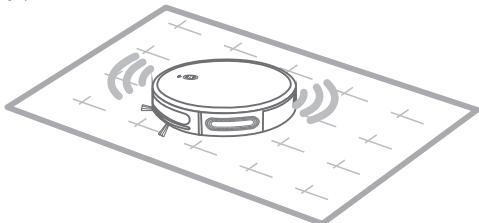
- ① When the battery power gets low, the Robx will automatically return to the Charging Base. We highly recommend keeping the Robx connected to the Charging Base at all times, and fully charging it before operating.
- ② If the Robx can't locate the Charging Base due to obstacles, please manually connect it to the Charging Base yourself.

## AUTO CARPET BOOST

The Robx will automatically increase its suction power on carpet to provide a deeper clean. When on a hard surface, it will return to the medium suction power to provide the optimal amount of suction and save battery power.

### Tip:

If the level of suction power is already at the maximum level before cleaning carpet, the Robx will continue to use this amount of power.



## SLEEP MODE

To save the battery power, the Cybovac will enter Sleep Mode when it is idle for five minutes. To wake it up, press **Power** on the Cybovac, or any button on the remote. Then press the corresponding button to operate the Cybovac to clean as needed.

## CONNECT TO ROBX APP

Robx APP can be downloaded from Apple APP market or Google APP market.  
Or Scan the following QR code, Download and install Robx APP.



## RESET WI FI

Press  button and  button for 3 seconds at the same time, and hear the sound prompt “Wi-Fi has been reset”. WiFi indicator light flashes, the sweeping robot enters the waiting state for connection; after connecting, WiFi indicator light is always on.

Tips: only 2.4GHz frequency band Wi Fi network is supported.

## MAINTENANCE AND CARE

For the optimal performance, we recommend a regular maintenance check and cleaning of some parts of the Cybovac.

## CLEANING AND REPLACEMENT FREQUENCY

Part	Cleaning Frequency	Replacement Frequency
Dust Bin	After each use	/
Filter	Once per week (Twice per week if you have pets)	Every 2 months

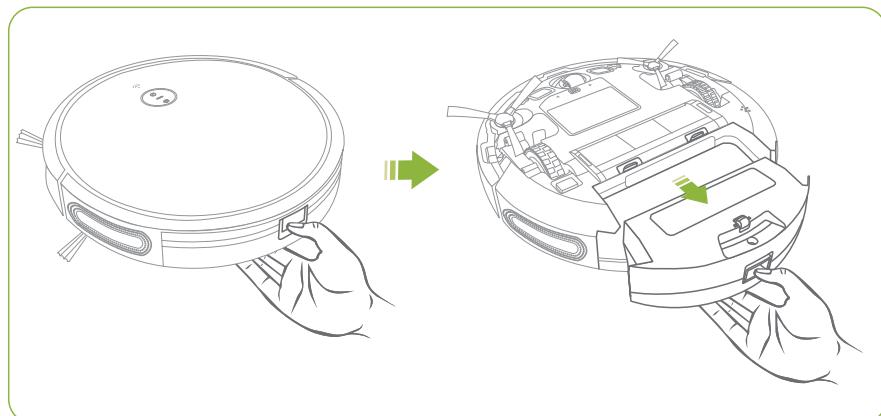
Part	Cleaning Frequency	Replacement Frequency
Side Brushes	Once per week	Every 3-6 months or when it's worn visibly
Main Brush	Once every 2 weeks	Every 6-12 months or when it's visibly worn
Brush Guard	Once per month	/
Sensors	Once per month	/
Charging Contacts	Once per month	/
Omni-directional Wheel	Once per month	/

## DUST BIN AND FILTER

Please empty the Dust Bin after each use and clean the Filter regularly.

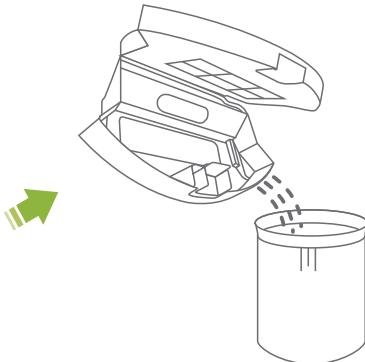
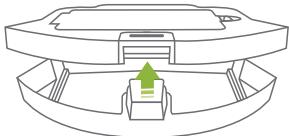
### Step 1:

Press and hold the latch down to pull the Dust Bin out.



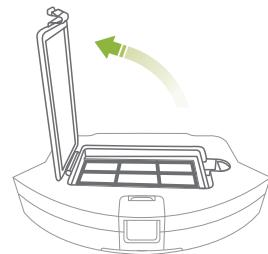
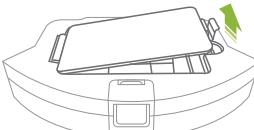
Step 2:

Open the upper cover of the Dust Bin and empty it into your home bin.



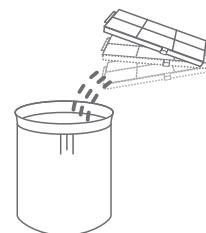
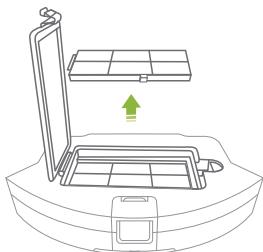
Step 3:

Close the Dust Bin, then open the Filter Compartment.



Step 4:

Take the Filter out, then tap the dust into your home bin.

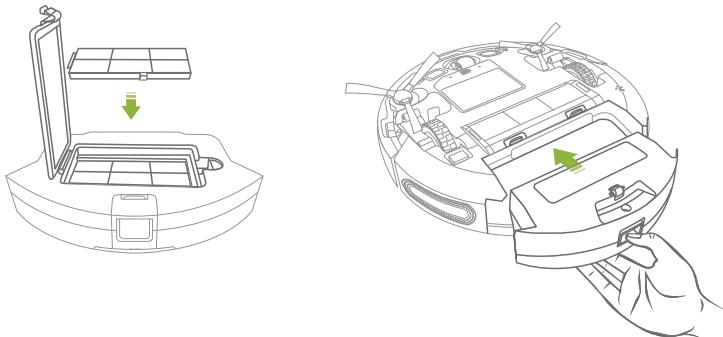


**Tip:** The Filter consists of a black sponge, a piece of white HEPA, and the holder.

You can wash the sponge and the holder, but DO NOT wash the HEPA.

## Step 5:

Place the Filter into the compartment, then insert the Dust Bin into the Robx.



### 💡 Tips:

- ① The Filter effectively prevents dust and dirt from entering the inside of the Robx. This protects its ventilation system and avoids secondary air pollution.
- ② The Cleaning Brush (  ) can be used to clean the filter as well.

## SIDE BRUSHES

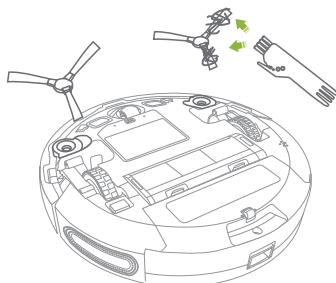
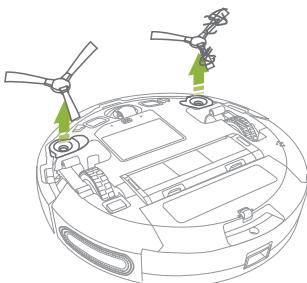
Regularly cleaning or replacing the Side Brushes is recommended since they may become bent or damaged after a period of use.

### Step 1:

Pull out the side brushes.

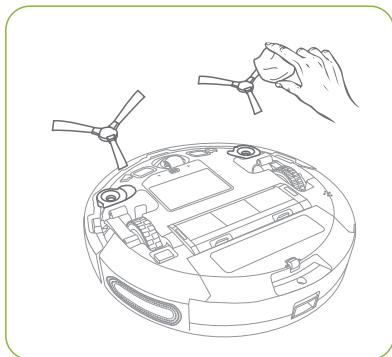
### Step 2:

Utilize the blade of the Cleaning Brush to remove the hair or debris that is wrapping the brushes.



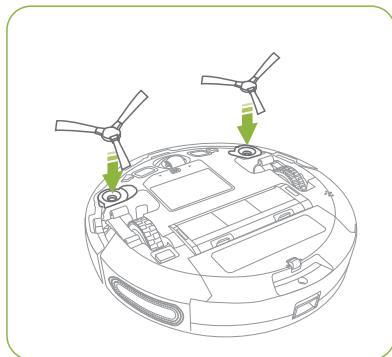
### Step 3:

Clean them with a damp cloth.



### Step 4:

Snap the side brushes into place. If the old brushes are damaged, you can directly install the new brushes.



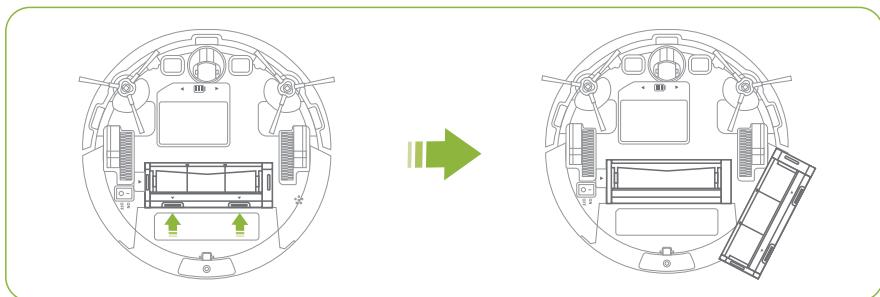
## MAIN BRUSH

### Step 1:

Turn over your Cybovac to find the Main Brush.

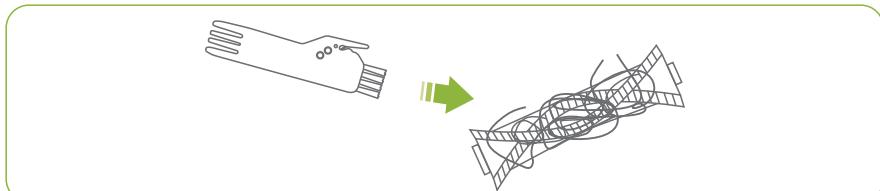
### Step 2:

Simultaneously push the latches to remove the Brush Guard over the brush.



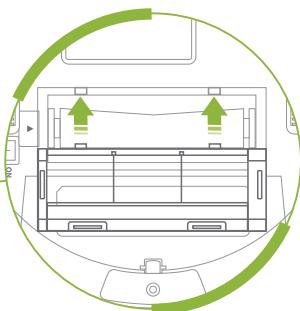
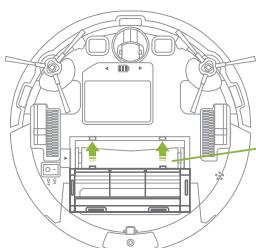
### Step 3:

Use the blade on the Cleaning Brush to cut the trapped hair, and use the brush to remove the trapped dirt.



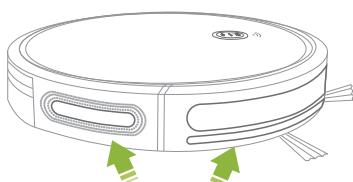
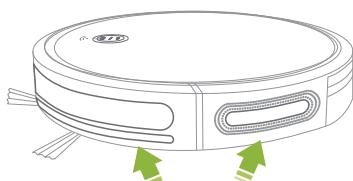
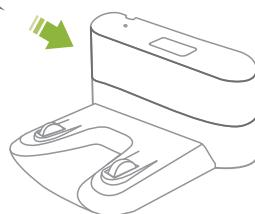
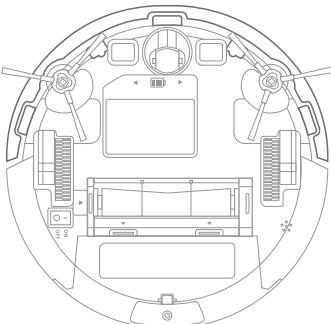
**Step 4:**

Insert the Main Brush, then install the Brush Guard.

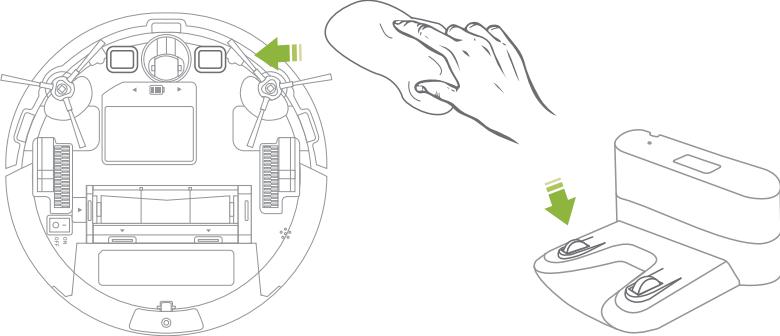


## SENSORS AND CHARGING CONTACTS

- 1 Use a damp cloth to clean all sensors on the Robx and the Charging Base.

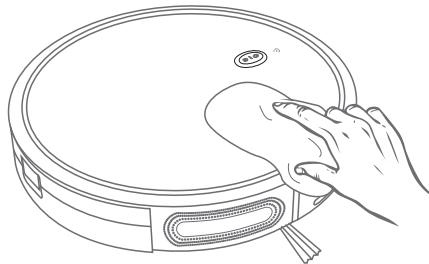


- 2 Use a dry cloth to clean the Charging Contacts on the Cybovac and the Charging Base (alcohol is not recommended).



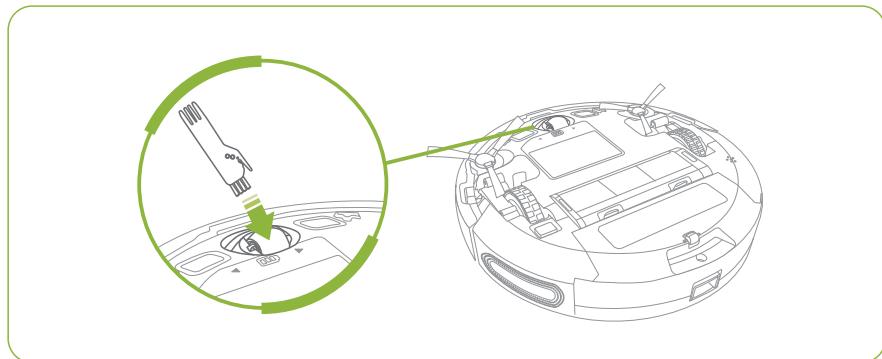
## ROBOT TOP

Clean the top of the Robx with a damp cloth.



## OMNI-DIRECTIONAL WHEEL

The Omni-directional Wheel cannot be removed from the Robx. Remove any trapped hair or debris from the wheel with the Cleaning Brush provided.



### 💡 Tip:

Do not clean the Omni-directional Wheel with water.

## SPECIFICATIONS

Robot	Product model	Robx-HB01-B05, Robx-HB01-W05
	Power Input	DC 19V ___ 0.6A
	Power Consumption	28W
	Battery Type	DC 14.4V Li-ion Battery
	Battery Capacity	3200mAh
	Charging Time	6-6.5Hours
	Suction Power	Three Levels
	Capacity of Dust Bin	600ML
	Cleaning Time	150 minutes for Auto Mode with the minimum suction power on hard floor after the battery is fully charged.
Charging Base	Power Input/Output	DC 19V ___ 0.6A

# TROUBLESHOOTING GUIDE

## FREQUENTLY ASKED QUESTIONS

### Q1. The Robx isn't responding.

- \* Make sure you press the **Power Switch** to ON.
- \* Check that the Robx battery level is not critically low or empty.
- \* Check that the batteries in the remote have power when operating the Robx with the remote.
- \* When operating the Robx with the remote, check that the distance between the Robx and remote is within the effective range (5m/16ft).

### Q2. The remote doesn't work.

- \* Check that the batteries in the remote have power.
- \* Make sure you press the **Power Switch** to ON.
- \* Check that the Robx battery level is not critically low or empty.
- \* Check that the distance between the Robx and remote is within the effective range (5m/16ft).

### Q3. My Cybovac has suddenly stopped working.

- \* Check if the Robx is trapped or stuck.
- \* Check that the Robx battery level is not critically low or empty.
- \* Check that you did not pause the Robx.

### Q4. The suction power is weak.

- \* There are three levels of suction available for this model - press  to adjust the level.
- \* Empty the **Dust Bin** and clean the **Filter**.
- \* Replace the HEPA inside the **Filter**.

### Q5. The Cybovac is making noises.

- \* The Robx will create some noise when cleaning, which is normal. Adjust your cleaning times to avoid being inconvenienced.
- \* If a sharp noise is heard, check to see if anything is tangled in the **Main Brush** and **Side Brush**.
- \* Check the **Dust Bin** for any objects that could create noise.
- \* If the Robx requires assistance, it will beep.

### Q6. The Robx won't charge.

- \* Check if the **Power Indicator** on the **Charging Base** lit up.
- \* Make sure the **Charging Contacts** on the Robx are aligned with those on the **Charging Base**.

\* Clean the **Charging Contacts** with a dry cloth (alcohol is not recommended).

**Q7. The Robx cannot return to the Charging Base.**

- \* Remove any obstacles near the Charging Base so the Robx can detect it.
- \* Check how far apart the Robx and Charging Base are. The further apart, the longer it will take to reach the Charging Base.
- \* Check that the Robx battery level is not critically low or empty.
- \* Clean the sensors on the Bumper of the Robx and the Charging Base.

**Q8. The Main Brush on the bottom of the Robx cannot work.**

- \* Check if the brush is stuck by some objects; if yes, please remove them and clean the brush.
- \* Make sure the brush and its guard are installed properly.

**Q9. The route created by the Robx is not as described.**

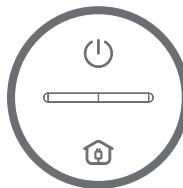
- \* The gyroscope is abnormal. Please place the Robx on a flat surface and reboot it.
- \* The Robx is finding and returning to the **Charging Base**.
- \* Please directly contact us.

**Q10. The cleaning time becomes shorter or less than 100 minutes.**

- \* The cleaning time varies with the cleaning mode, the suction power level and the material type of the surface.
- \* If the robot is not fully charged, the cleaning time will be shorter.

## A GUIDE TO INDICATORS AND BEEPS

When your Robx requires help or attention, it will beep and its indicators will change accordingly.



## Solid Red Indicators

Beep(s)	Likely Cause	Solution
1 beep	The <b>Left/Right Wheel</b> is stuck.	Power off the Robx and remove the objects trapped in the wheel.
2 beeps	The <b>Side Brush</b> is stuck.	Power off the Robx and remove the objects trapped in the <b>Side Brush</b> .
3 beeps	The suction inlet is being blocked.	Power off the Robx , then remove and empty the <b>Dust Bin</b> . Ensure there is no hair or debris blocking the suction inlet.
4 beeps	The <b>Main Brush</b> is stuck.	Power off the Robx and remove the objects trapped in the <b>Main Brush</b> .

## Flashing Red Indicators

Beep(s)	Likely Cause	Solution
1 beep	The <b>Gyroscope</b> is abnormal.	Place the Robx on a flat surface and reboot it.
2 beeps	The <b>Bumper</b> on the Robx loses its elasticity.	Gently press on the left, middle, and right of the bumper to check whether it can pop out.
3 beeps	The <b>Anti-drop Sensors</b> are dirty or covered.	Clean them with a damp cloth.
4 beeps	The battery level is critically low.	Manually place the Robx on the <b>Charging Base</b> to fully charge it.

<b>Operation Frequency</b>	IEEE 802.11b/g: 2412 ~ 2472 MHz IEEE 802.11n HT20: 2412 ~ 2472 MHz IEEE 802.11n HT40: 2422 ~ 2462 MHz
<b>Transmit Power (EIRP)</b>	$\leq 20\text{dBm}$

## FCC Caution

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

**!** Note:

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

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## ISED Warning

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

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

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance. The minimum distance from body to use the device is 20cm.

Le présent appareil est conforme. Après examen de ce matériel aux conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l' exposition aux radiofréquences et la conformité and compliance d'acquérir les informations correspondantes.

La distance minimale du corps à utiliser le dispositif est de 20cm.

## CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

 The symbol indicates DC voltage



RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

This product can be used across EU member states.

EU Compliance Statement: Shenzhen VanTop Technology & Innovation Co., Ltd. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of the Directive 2014/53/EU.

A copy of the EU Declaration of Conformity is availabl

e online at <https://doc.vantop.com/>.



For indoor use only