



DEEBOT **130S** PRO

Instruction Manual

IMPORTANT SAFETY INSTRUCTIONS

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When using an electrical Appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE SAVE THESE INSTRUCTIONS

1. 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.
2. Clear the area to be cleaned. Remove power cords and small objects from the floor that could entangle the Appliance. Tuck rug fringe under the rug base, and lift items such as curtains and tablecloths off the floor.
3. If there is a drop off in the cleaning area due to a step or stairs, you should operate the Appliance to ensure that it can detect the step without falling over the edge. It may become necessary to place a physical barrier at the edge to keep the unit from falling. Make sure the physical barrier is not a trip hazard.
4. Only use as described in this manual. Only use attachments recommended or sold by the manufacturer.
5. For INDOOR household use ONLY. Do not use the Appliance in outdoor, commercial, or industrial environments.
6. Do not use without dust bin and/or filters in place.
7. Do not operate the Appliance in an area where there are lit candles or fragile objects.
8. Keep hair, loose clothing, fingers, and all parts of body away from any openings and moving parts.
9. Do not operate the Appliance in a room where an infant or child is sleeping.
10. Do not use and store in extremely hot or cold environments (below -5°C /23°F or above 40°C/104°F). Please charge the robot in temperature above 0°C/32°F and below 40°C/104°F.

11. Do not use Appliance on wet surfaces or surfaces with standing water.
12. Do not allow the Appliance to pick up large objects like stones, large pieces of paper, or any item that may clog the Appliance.
13. Do not use Appliance to pick up flammable or combustible materials such as gasoline, printer or copier toner, or use in areas where they may be present.
14. Do not use Appliance to pick up anything that is burning or smoking, such as cigarettes, matches, hot ashes, or anything that could cause a fire.
15. Do not put objects into the suction intake. Do not use if the suction intake is blocked. Keep the intake clear of dust, lint, hair, or anything that may reduce air flow.
16. If the power cord is damaged, it must be replaced by the manufacturer or its service agent in order to avoid a hazard.
17. Turn OFF the power switch before cleaning or maintaining the Appliance.
18. The lithium battery type suitable for CH2366 is Max. 8 cells, max. nominal voltage DC 14.4V, rated capacity 5,800mAh. The battery must be removed and discarded according to local laws and regulations before disposal of the Appliance.
19. Please dispose of used batteries according to local laws and regulations.
20. Do not incinerate the Appliance even if it is severely damaged. The batteries can explode in a fire.
21. The Appliance must be used in accordance with the directions in this Instruction Manual. Ecovacs Home Service Robotics cannot be held liable or responsible for any damages or injuries caused by improper use.
22. The robot contains batteries that are only replaceable by skilled persons. To replace the robot's battery, please contact Customer Service.
23. Please make sure your power supply source voltage matches the power voltage marked on the OMNI Station.
24. Use only the original rechargeable battery and OMNI Station provided with the Appliance from the manufacturer. Non-rechargeable batteries are prohibited.
25. Take care not to damage the power cord. Do not pull on or carry the Appliance or OMNI Station by the power cord, use the power cord

- as a handle, close a door on the power cord, or pull power cord around sharp edges or corners. Do not run Appliance over the power cord. Keep power cord away from hot surfaces.
26. Do not use the OMNI Station if it is damaged. The power supply is not to be repaired and not to be used any longer if it is damaged or defective.
 27. Do not use with a damaged power cord or receptacle. Do not use the Appliance or OMNI Station if it is not working properly, has been dropped, damaged, left outdoors, or come in contact with water. It must be repaired by the manufacturer or its service agent in order to avoid hazards.
 28. The plug must be removed from the receptacle before cleaning or maintaining the OMNI Station.
 29. Remove the Appliance from the OMNI Station, and turn OFF the power switch to the Appliance before removing the battery for disposal of the Appliance.
 30. When not using the OMNI Station for a long period of time, please unplug it.

31. If the robot will not be used for a long time, power OFF the robot for storage and unplug the OMNI Station.
32. **WARNING**-Add clean water into the clean tank only.
33. **WARNING:** For the purposes of recharging the battery, only use the detachable supply unit CH2366 provided with the Appliance.

To satisfy RF exposure requirements, a separation distance of 20 cm or more should be maintained between this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

Device Update

Typically, some devices are updated bi-monthly, but not always so specific.

Some devices, especially those that went on sale more than three years ago, will only be updated if a critical vulnerability is found and fixed.

	Caution: hot surface
	Short-circuit-proof safety isolating transformer
	Switch mode power supply
	For indoor use only
	Direct current
	Alternating current
	This product conforms to the applicable EC Directives.
	Before charging, read the instructions.
	Polarity of the charging port
	Time-lag miniature fuse-link

The remote surveillance is for the absolute private use of non-public, private owned places for the pure self-protection and single control intended only. Please be aware of the local data protection based legal obligations in case of use. No surveillance of public places, especially with clandestine intent and/or on the part of the employer without justified reasons. Such not justified use is in the risk and responsibility of the user only.

European Union Compliance Statement

Information on Disposal for Users of Waste Electrical & Electronic Equipment



This symbol on the product or on its packaging indicates that used electrical and electronic products should not be mixed with unsorted municipal waste.

For proper treatment, it is your responsibility to dispose of your waste equipment by arranging to return it to designated collection points.

Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling.

To return your used device, please use the return and collection systems or contact the retailer where the product was purchased, which is free of charge, please contact your local authority for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

Information on Disposal for Users of used batteries



This symbol means that batteries and accumulators, at their end-of-life, should not be mixed with unsorted municipal waste. Your participation is an important part of the effort to minimize the impact of batteries and accumulators on the environment and on human health. For proper recycling you can return this product or the batteries or accumulators it contains to your supplier or to a designated collection point, which is free of charge.

Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling.

Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation. there are separate collection systems for used batteries and accumulators.

Please, dispose of batteries and accumulators correctly at your local community waste collection/ recycling center.

Restriction of the use of certain hazardous substances (RoHS) Directive

Ecovacs Home Service Robotics Co., Ltd. hereby declares the whole product including parts (cables, cords, and so on) meets the requirements of RoHS Directive 2011/65/EU and amendment Commission Delegated Directive (EU) 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ("RoHS recast" or "RoHS 2.0").

Radio Equipment Directive

Ecovacs Home Service Robotics Co., Ltd. hereby declares that the product listed in this section comply with the essential requirements and other relevant provisions of the Radio Equipment Directive 2014/53/EU.

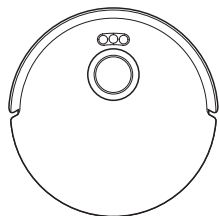
Europe Authorised Representative:



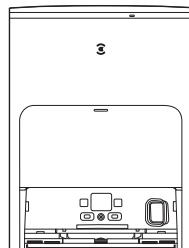
ECOVACS Europe GmbH
Holzstrasse 2 | D-40221 Düsseldorf | Germany

Ecovacs Home Service Robotics Co., Ltd. hereby declares that the product comply with the essential requirements and other relevant provisions of the RoHS Directive 2011/65/EU and amendment Commission Delegated Directive (EU) 2015/863, the Radio Equipment Directive 2014/53/EU. The declaration of conformity can be viewed at the following address: <https://www.ecovacs.com/global/compliance>.

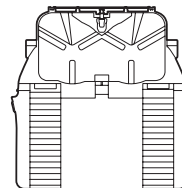
PACKAGE CONTENTS



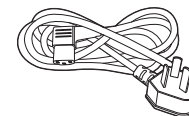
Robot



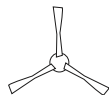
OMNI Station



Base



Power Cord



Side Brush



Instruction Manual

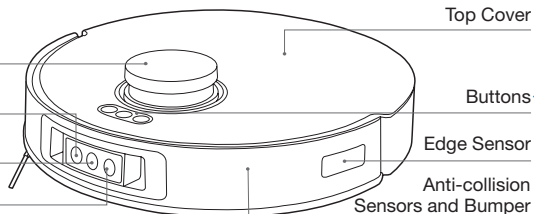
Note:

* Figures and illustrations are for reference only and may differ from actual product appearance. Product design and specifications are subject to changes without notice.

PRODUCT DIAGRAM

Robot

TrueMapping
Distance Sensor
Camera Indicator
Light
TrueDetect 3D
Sensor
AI/VI Camera



Buttons

Short press: Exit/Return to the Station

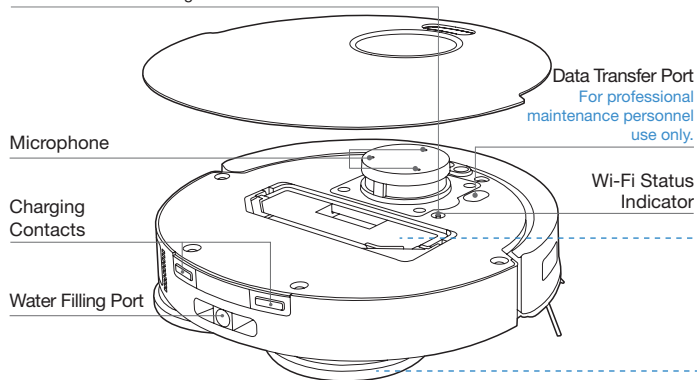
Short press: Start/Pause/Continue Long press: Power on/Power off

Short press: Start/End Spot Cleaning Long press: Child Lock

RESET Button

Restore to default settings: Press and hold RESET button for 5 s.

After you hear the voice prompt, the startup music will be played and the robot will be restored to default settings.



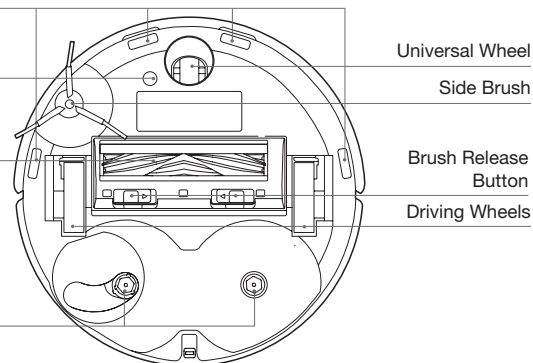
Bottom View

Anti-drop Sensors

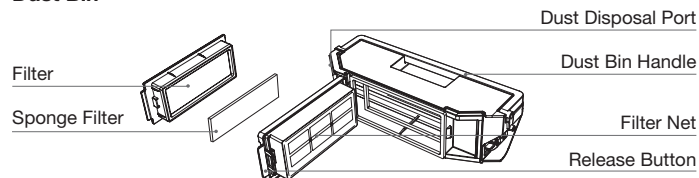
Carpet Detection
Sensor

Brush

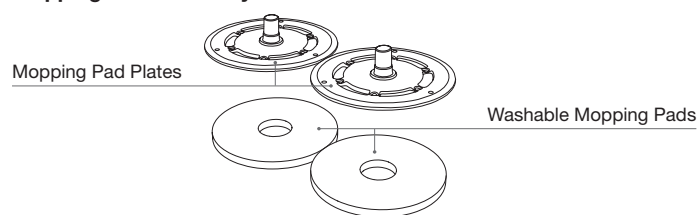
Mounting Slots
for Mopping Pad
Assembly



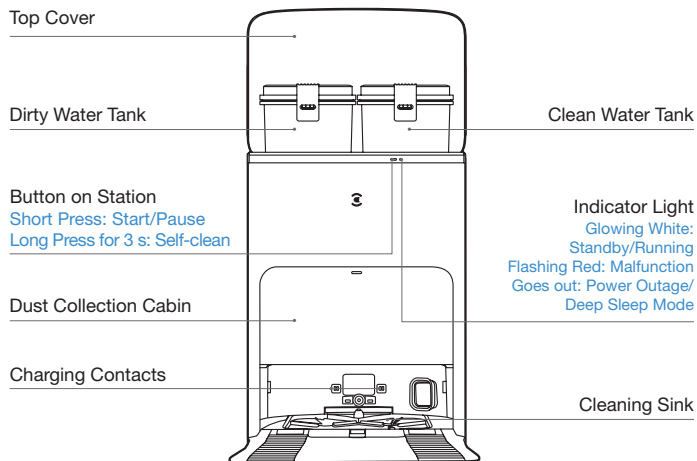
Dust Bin



Mopping Pad Assembly



OMNI Station

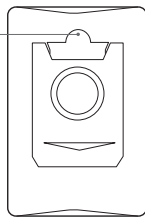


Note:

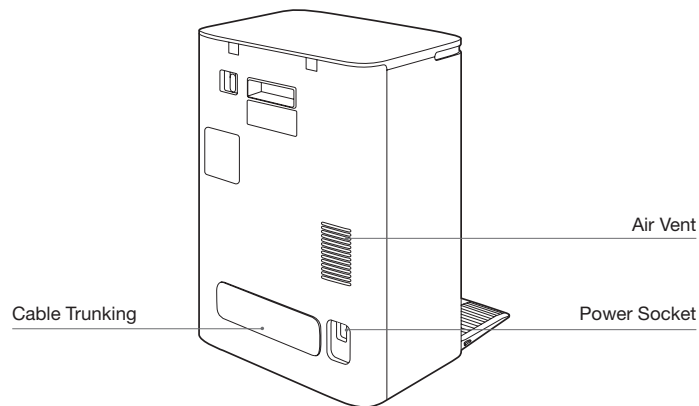
- Flashing Red: Please check the reason in ECOVACS HOME App.
- If DEEBOT fails to charge, please wipe Charging Contacts with a clean and dry cloth.

Dust Bag

Dust Bag Handle



Station (Back)

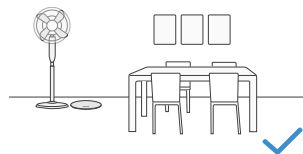


Note: Compatible with the ECOVACS Automatic Water Refill/Drain Module. If you wish to purchase it, please visit ECOVACS HOME App or <https://www.ecovacs.com/global>.

SENSORS

Name	Functional Description
AIVI Camera	It captures images of the surrounding environment to enable video recording and assist in creating a 3D map of the surroundings. Additionally, it allows remote video calls through interaction with the microphone. Its field of view (FOV) spans 127° vertically and 148° horizontally.
TrueMapping Distance Sensor	By utilizing the principle of triangulation, which involves emitting and receiving laser beams reflected by surrounding objects, precise distance measurement information between the DEEBOT and nearby objects can be calculated through algorithms. When the DEEBOT moves within a certain environment, the positions of surrounding objects are determined to create a spatial map of the DEEBOT's surroundings. The measurement range is 8 m.
TrueDetect 3D Sensor	The TrueDetect 3D structured light sensor scans the object with a line laser and collect images with a monocular camera, and generates the three-dimensional coordinates of the object through image algorithms to identify the size of the object. The detection distance is 0.35 m.
Microphone	Vibrating the diaphragm through air by human voice, it can realize Voice Recording and ask DEEBOT to complete the assigned work by Voice Control. Effective wake of 8 m.
Anti-drop Sensor	With Infrared Ranging-detecting the distance between the bottom of DEEBOT and ground by Infrared Sensor at the bottom, DEEBOT will not move forward when there are stairs in front or the identified distance exceeds the preset one, realizing the Anti-drop. The trigger distance is 60 mm.
Carpet Detection Sensor	The difference in energy of the ultrasonic echo signal on different surfaces is used to identify the floor material and help DEEBOT to adjust the cleaning strategy automatically. Drive frequency 290 KHZ.
Edge Sensor	By the principle of infrared ranging, the robot detects the distance between itself and objects on its side. When there is a wall or obstacle on the right side, the robot performs edge-cleaning operations to avoid missing any spots and collisions.
Anti-collision Sensor	When the transmitted signal is blocked by an obstacle, the signal receiver will not be able to receive the signal. With this principle, DEEBOT will avoid obstacles when colliding with them.

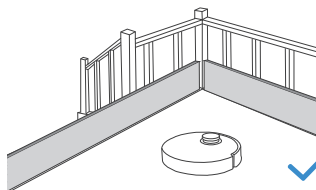
NOTES BEFORE CLEANING



Tidy up the area to be cleaned by putting furniture, such as chairs, in their proper place.



During the first use, make sure each room door is open to help DEEBOT fully explore your house.



It may be necessary to place a physical barrier at the edge of a drop to stop the unit from falling over the edge.



Put away objects including cables, clothes, slippers, etc. on the floor to improve the cleaning efficiency.



Before using the product on a rug with tasseled edges, please fold the rug edges under.



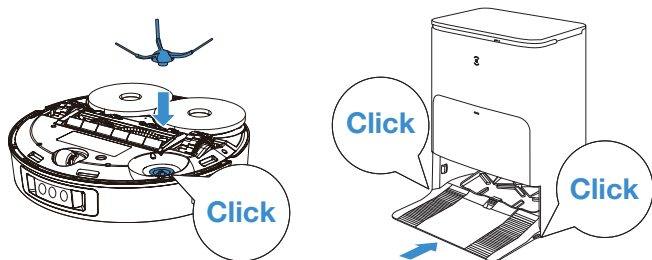
Please do not stand in narrow spaces, such as hallways, and make sure not to block the TrueMapping Distance Sensor.

QUICK START

Before using DEEBOT, please remove all protective materials.

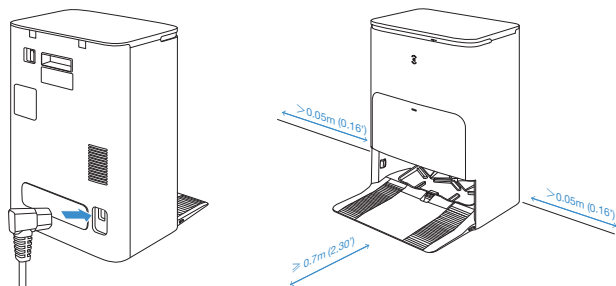
1 Installation

The sound of Click indicates proper installation.



2 Assemble and Place the Station

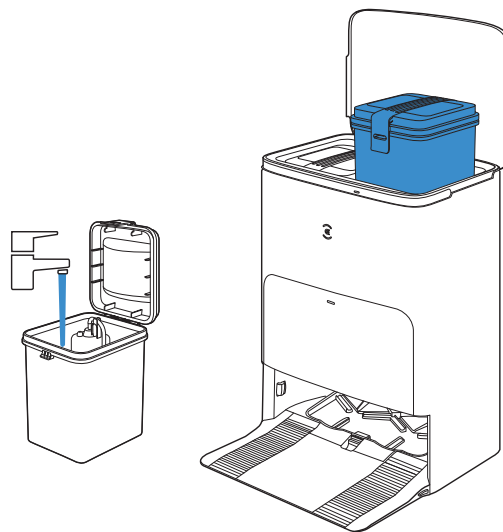
Keep the area around the Station clear of objects especially objects with reflective surfaces.



Note:

- If there are reflective objects such as mirrors and reflective skirting lines near the Station, the bottom 14 cm of that should be covered.
- Do not place the Station under direct sunlight.
- It is recommended to place the Station on the hard floor to experience complete functions of the robot.
- Place Station in a location with a strong Wi-Fi signal.

USE TANKS



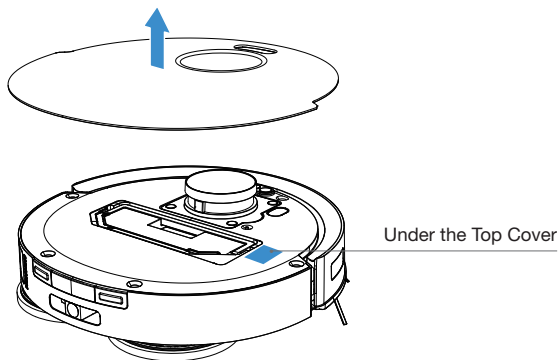
Note:

- * It is recommended to use ECOVACS DEEBOT Cleaning Solution (sold separately). Using other cleaning solution may cause DEEBOT slipping, water tank block, and other problems.
- * The water drops in the Water Tank are left over from the function test, please rest assured to use.

DOWNLOAD THE ECOVACS HOME APP

To enjoy all available features, it is recommended to control your DEEBOT via the ECOVACS HOME App.

1. Scan the QR Code under the Top Cover to download the App.

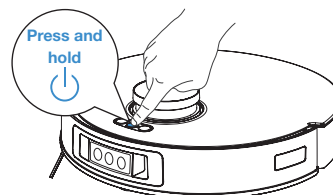


2. Search the ECOVACS HOME to download the App.



POWER ON DEEBOT

Press and hold  for 3 s, and wait for the startup music to play, indicating that the DEEBOT has powered on.



- When DEEBOT is not working, it is recommended to keep it powered ON and charging.

CONNECT DEEBOT WITH APP

1. Via Bluetooth:

Turn on the DEEBOT and mobile phone Bluetooth. Allow the App to obtain mobile phone Bluetooth permission. Tap  to scan the QR Code on DEEBOT or tap

 in the App to find nearby DEEBOT.

2. Via Wi-Fi:

You can also choose to connect DEEBOT with the App through other methods according to the prompts on the App's page.

Note: Please select the appropriate connecting method.

Wi-Fi Network Requirements:

- You are using a 2.4 GHz or 2.4/5 GHz mixed network.
- Your router supports 802.11b/g/n and IPv4 protocol.
- Do not use a VPN (Virtual Private Network) or Proxy Server.
- Do not use a hidden network.
- WPA and WPA2 using TKIP, PSK, AES/CCMP encryption.
- WEP EAP (Enterprise Authentication Protocol) is not supported.
- Use Wi-Fi channels 1-11 in North America and channels 1-13 outside North America (refer to local regulatory agency).
- If you are using a network extender/repeater, the network name (SSID) and password are the same as your primary network.
- Please enable the WPA2 on your router.

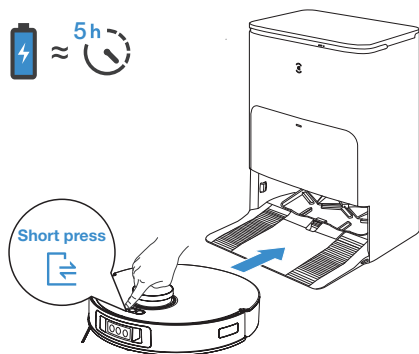
Wi-Fi Indicator Light

	White light slow flash	Disconnected to Wi-Fi
	White light fast flash	Connecting
	Solid white light	Connected to Wi-Fi

Please be aware that the realization of intelligent functions such as remote startup, voice interaction, 2D/3D map display and control settings, and personalized cleaning (depending on different products) requires users to download and use ECOVACS HOME App, which is constantly updated. You need to agree to our Privacy Policy and User Agreement before we can process some of your basic and necessary information and enable you to operate the product. If you do not agree with our Privacy Policy and User Agreement, some of the aforementioned intelligent functions cannot be realized through ECOVACS HOME App, but you can still use the basic functions of this product for manual operation.

CHARGE DEEBOT

1 Short press  to recall DEEBOT to enter the Station to charge.



* It is recommended that DEEBOT start cleaning from the Station. Do not move the Station while cleaning.

OPERATE DEEBOT

When creating a map for the first time, please follow DEEBOT to help eliminate some minor issues.

For example, DEEBOT may get stuck under the furniture. Please refer to the following solutions:

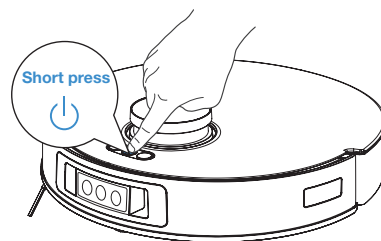
1. Raise the low sitting furniture if possible;
2. Cover the bottom of the furniture;
3. Set up Virtual Boundary via the App.

1 Start

Short press  to start. For the first-time cleaning, please ensure that DEEBOT is fully charged. DEEBOT creates a map while cleaning.

2 Pause/Wake up

Short press  to pause. The indicator light will go out after the DEEBOT is paused for a few minutes. Press  on DEEBOT to wake it up.

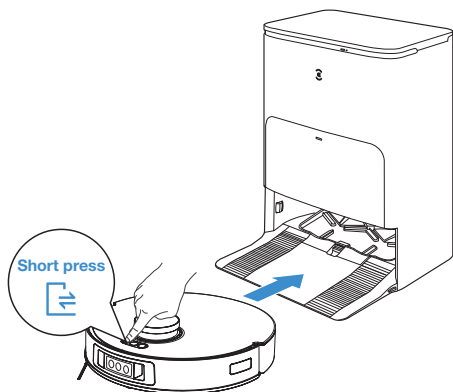


Note:

1. Do not frequently remove washable mopping pads.
2. Do not scratch the Mopping Pad Plates with a rag or any other object.
3. When the ECOVACS HOME App prompts that the mops need to be replaced, please replace them in time. Explore more accessories in the ECOVACS HOME App or at <https://www.ecovacs.com/global>.

3 Back to Station

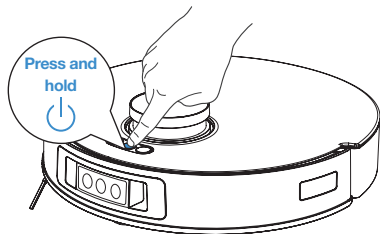
Short press  to recall DEEBOT to the OMNI Station.



Note: When DEEBOT is not working, it is recommended to keep it powered ON and charging.

4 Deep Sleep Mode

DEEBOT will enter deep sleep mode to protect the battery if the DEEBOT stays outside the Station for about 5 h. Please long press  for more than 3 s to wake up the DEEBOT.



REGULAR MAINTENANCE

To keep DEEBOT running at peak performance, perform maintenance tasks and replace parts at the following frequencies:

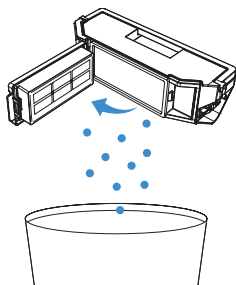
Robot Part	Maintenance Frequency	Replacement Frequency
Washable Mopping Pad	/	Every 1-2 months
Dust Bag	/	When App prompts
Side Brush	Every 2 weeks	Every 3-6 months
Brush	Every week	Every 6-12 months
Filter	Every week	Every 3-6 months
TrueDetect 3D Sensor TrueMapping Distance Sensor Universal Wheel Anti-drop Sensor Bumper Charging Contacts	Every week	/
Clean Water Tank	Every 3 months	/
Dirty Water Tank	After each mopping	/
Dust Collection Cabin	Every month	/
OMNI Station	Every month	/

Before performing cleaning and maintenance tasks on DEEBOT, turn the robot OFF and unplug the OMNI Station.

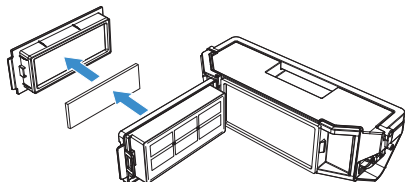
Note: ECOVACS manufactures various replacement parts and fittings. Please contact Customer Service for more information on replacement parts.

MAINTAIN DUST BIN AND FILTER

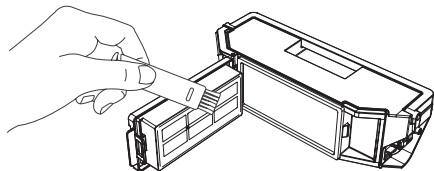
1



2

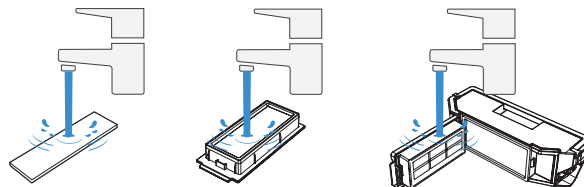


3



Note: Maintenance tools are not included. Please clean with your own brush or similar tools at home.

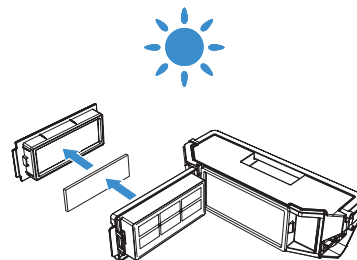
4



Note:

1. Please rinse the filter with water as shown above.
2. Do not use finger or brush to clean the filter.

5

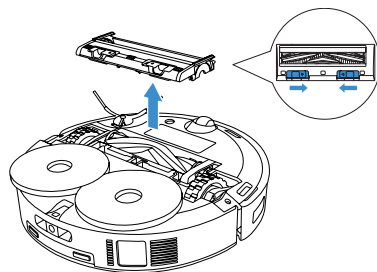


Note: Completely dry the filter before use.
Explore more accessories in the ECOVACS HOME App or at <https://www.ecovacs.com/global>.

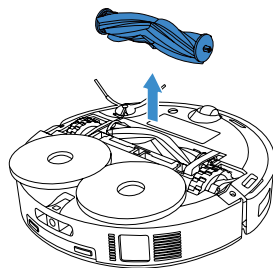
MAINTAIN BRUSH AND SIDE BRUSH

Brush

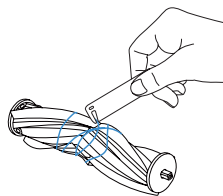
1



2

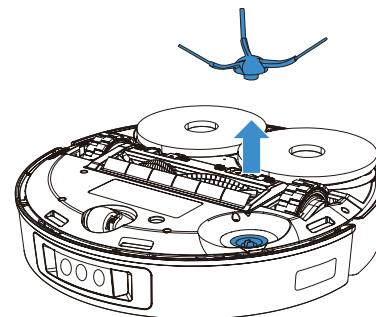


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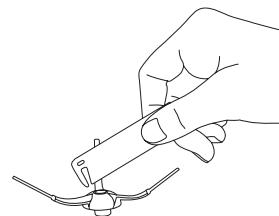


Side Brush

1

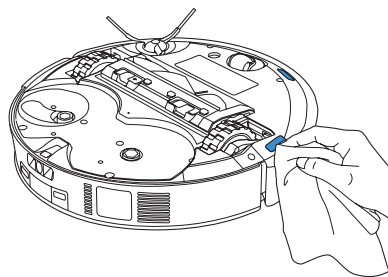
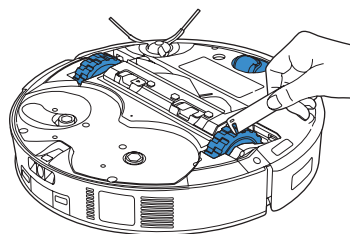
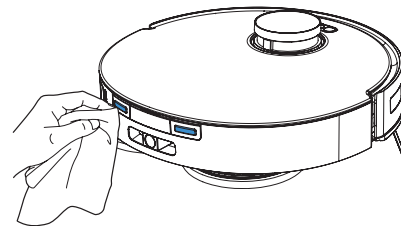
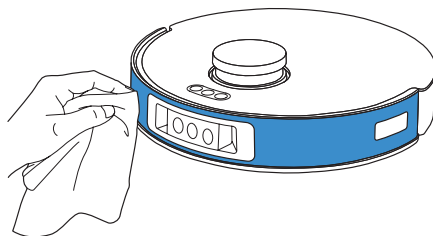
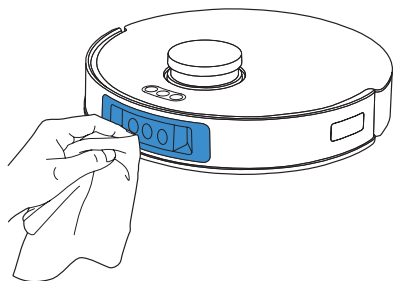


2



MAINTAIN OTHER COMPONENTS

Note: Wipe the components with a clean, dry cloth. Avoid using cleaning sprays or detergents.

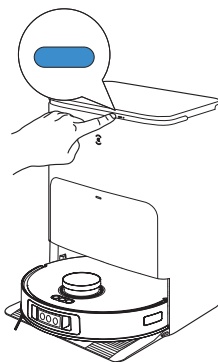


MAINTAIN OMNI STATION

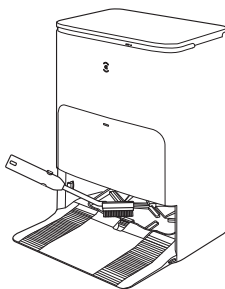
Note:

- Please don't enable self-clean when DEEBOT is working.
- If there is remaining dirty water in the Cleaning Sink, the Station will drain the water first after a long press. Please long press  to start self-clean.

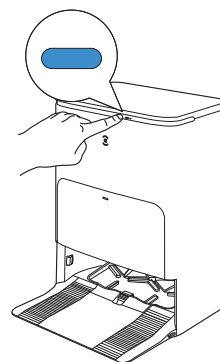
1 Long press  to direct DEEBOT to exit the Station



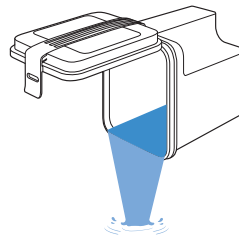
2 Clean the Cleaning Sink



3 The Station will drain the water out of the Cleaning Sink automatically

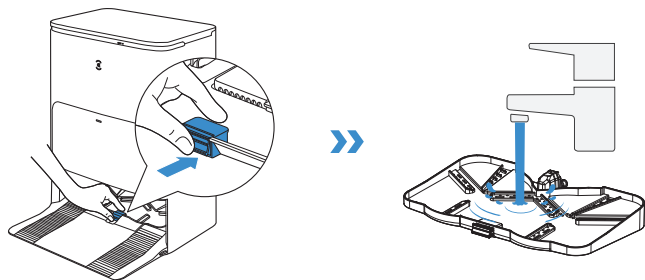


4 Empty the Dirty Water Tank

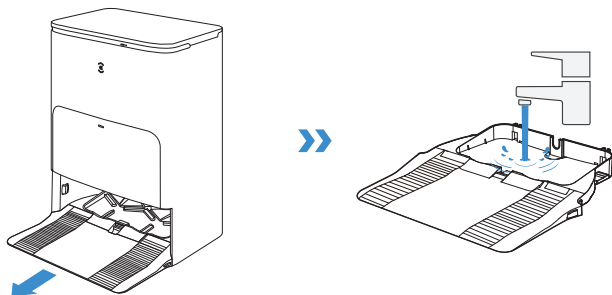


MAINTAIN CLEANING SINK

1 Take the Detachable Tray to wash

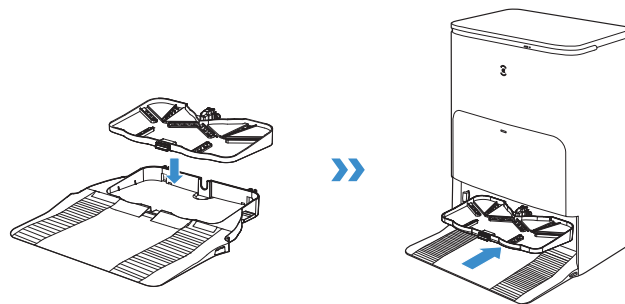


2 Take the Base to wash



3 Install

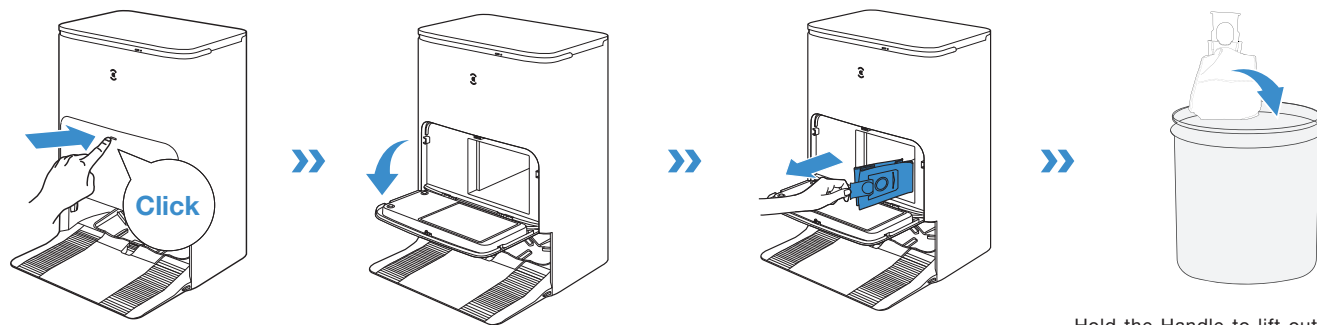
The sound of Click indicates proper installation.



Note: Please install the Cleaning Sink properly to prevent malfunction.

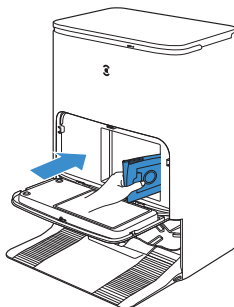
MAINTAIN DUST BAG

1 Discard the Dust Bag

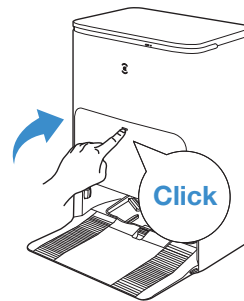


Hold the Handle to lift out the Dust Bag, which can effectively prevent dust leakage.

2 Clean the Dust Collection Cabin with a Dry Cloth and Put a New Dust Bag in

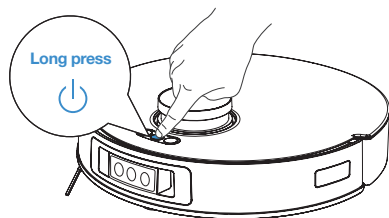


3 Close the Dust Collection Cabin



STORAGE

Please fully charge and power OFF DEEBOT before storage. Please recharge it every 1.5 months to prevent the battery from over-discharge.



Note:

- DEEBOT can't be charged when the power is turned off.
- If the battery is over-discharged or not used for a long time, DEEBOT may not be able to be charged. Please contact ECOVACS for help. Do not disassemble by yourself.

TROUBLESHOOTING

No.	Malfunction	Possible Causes	Solutions
1	DEEBOT is not able to connect to the ECOVACS HOME App.	Incorrect home Wi-Fi username or password entered.	Enter the correct home Wi-Fi username and password.
		DEEBOT is not within range of your home Wi-Fi signal.	Make sure DEEBOT is within range of your home Wi-Fi signal.
		DEEBOT is not in the configuration state.	Make sure DEEBOT is connected to the power supply and turned on. Open the cover, and press the RESET Button. DEEBOT will enter the configuration state when you hear a voice prompt.
		Incorrect App installed.	Please download and install the ECOVACS HOME App.
		Not using a 2.4 GHz or 2.4/5 GHz mixed network.	DEEBOT does not support 5G networks. Please use a 2.4GHz or 2.4/5 GHz mixed network.
2	The map is lost.	The map might be lost if you move DEEBOT when cleaning.	Move DEEBOT to the front of the Station to retrieve the map. Find the restored map in Map Management and tap "Use This Map" to retrieve it. If this problem persists, please restart mapping.
3	DEEBOT is unable to create home maps in the App.	DEEBOT does not start cleaning from the Station.	DEEBOT must start cleaning from the Station.
		Move DEEBOT when cleaning might cause the map to be lost.	During cleaning, do not move DEEBOT as far as possible.
		Auto cleaning is not complete.	Make sure DEEBOT automatically return to the Station after cleaning.
4	The Side Brush drops out of place during use.	The Side Brush is not properly installed.	Make sure the Side Brush clicks into place when installing.

No.	Malfunction	Possible Causes	Solutions
5	No signal found. DEEBOT is unable to return to the Station.	The Station is incorrectly placed.	Please place the Station correctly according to the instructions in the [CHARGE DEEBOT] section.
		The Station is out of power or manually moved.	Check whether the Station is connected to power supply. Do not manually move the Station.
		DEEBOT does not start cleaning from the Station.	It is recommended that DEEBOT start cleaning from the Station.
		The charging route is blocked. For example, the door of the room with the Station is closed.	Keep the charging route clear.
6	DEEBOT returns to the Station before it has finished cleaning.	The room is so large that DEEBOT needs to return to recharge.	Please enable Continuous Cleaning. For more details, please follow the App instructions.
		DEEBOT is unable to reach certain areas blocked by furniture or barriers.	Tidy up the area to be cleaned by putting furniture and small objects in their proper place.
7	DEEBOT is unable to charge.	DEEBOT's Charging Contacts are not connected to the Station Pins.	Make sure that the robot's Charging Contacts have connected to the Station Pins and the AUTO Mode Button flashes. Check whether DEEBOT's Charging Contacts and the Station are dirty. Please clean these parts according to the instructions in the [MAINTAIN] sections.
		The Station is not connected to the power supply.	Make sure the Station is connected to the power supply.
		The battery will be overcharged if DEEBOT is not used for a long time.	It is recommended to regularly use DEEBOT. If the battery cannot be charged because it has not been used for a long time, please contact Customer Care for help.
8	Running is very loud during cleaning.	The Brush/Side Brush is entangled, or the Dust Bin/Filter is blocked.	It is recommended to clean the Brush, Side Brush, Dust Bin, Filter, etc. regularly.
		DEEBOT is in Max Mode.	Switch to Standard Mode.
9	DEEBOT gets stuck while working and stops.	DEEBOT is tangled with objects on the floor (electrical wires, curtains, carpet fringing, etc.).	DEEBOT will try various ways to free itself. If it is unsuccessful, manually remove the obstacles and restart.
		DEEBOT might be stuck under furniture with an entrance of similar height.	Please set a physical barrier, or set a Virtual Boundary via the ECOVACS HOME App.

No.	Malfunction	Possible Causes	Solutions
10	During cleaning, DEEBOT may encounter issues like a disorderly route, biased movement, repeated passes over the same spots, and missing small areas. (However, if DEEBOT temporarily misses a large area, it will autonomously return to make sure it's thoroughly cleaned.)	Objects such as wires and slippers placed on the ground affect the normal operation of DEEBOT.	Before cleaning, please tidy up scattered wires, slippers, and other objects on the ground as much as possible. If there is any area missed during cleaning, DEEBOT will correct it automatically. Please refrain from interfering (such as moving DEEBOT or blocking its route).
		The Driving Wheels may slip on the ground when DEEBOT climbs steps, thresholds, and door bars, which can affect its ability to navigate the entire house environment.	It is recommended to close the door of the affected area and cleaning it separately. After cleaning, DEEBOT will return to its starting location. Please feel confident in using this method.
		On freshly waxed or polished floors, as well as smooth tiles, there may be less friction between the Driving Wheels and the floor. Please wait for the wax to dry before cleaning.	Please wait for the wax to dry before cleaning.
		Due to variations in home environments, some areas cannot be cleaned.	Prepare the home environment to ensure that DEEBOT can enter for cleaning.

No.	Malfunction	Possible Causes	Solutions
11	After returning to the Station, DEEBOT does not empty the Dust Bin.	Dust Collection Cabin is not closed.	Please close the Dust Collection Cabin.
		Dust Bag is not installed in the Station.	Install the Dust Bag, and close the Dust Collection Cabin.
		Manually moving DEEBOT back to the Station might not trigger Auto-Empty function.	It is recommended to let DEEBOT return to the Station on its own. Please do not manually move it.
		In Do Not Disturb mode, DEEBOT will not empty the dust after returning back to the Station.	Cancel Do Not Disturb mode in ECOVACS HOME App or manually start dust empty.
		The OMNI Station prompts the Dust Bag is full.	Replace the Dust Bag according to the [MAINTAIN DUST BAG] section and close the Dust Collection Cabin. If the Dust Bag is not full when prompted by the ECOVACS HOME App, you can put it back again.
		If the above possible causes have been ruled out, components of the Station may be abnormal.	Please contact Customer Care for help.
12	DEEBOT fails to empty the Dust Bin.	The OMNI Station prompts the Dust Bag is full.	Replace the Dust Bag according to the [MAINTAIN DUST BAG] section and close the Dust Collection Cabin. If the Dust Bag is not full when prompted by the app, you can put it back again.
		The outlet of the Dust Bin is blocked by foreign objects.	Remove the Dust Bin and clean the foreign objects on the outlet.

No.	Malfunction	Possible Causes	Solutions
13	The inner side of the Dust Collection Cabin is dirty.	Fine particles are absorbed in the inner side of the Dust Collection Cabin through the Dust Bag.	Clean the inner side of the Dust Collection Cabin.
		The Dust Bag is broken.	Check and replace the Dust Bag.
14	Ash leakage occurs when DEEBOT is working.	The outlet of Dust Bin is blocked by foreign objects.	Remove the Dust Bin and clean the foreign objects on the outlet.
15	Mopping Pad Plates cannot rotate.	Mopping Pad Plates are blocked by foreign objects.	Clean the foreign objects.
16	DEEBOT does not respond to the Station's instructions.	DEEBOT is too far away from the Station.	If it is beyond the available distance, the ECOVACS HOME App can also be used to operate DEEBOT.
		DEEBOT and the Station are not paired.	Unplug the Station and wait for 10 s before plugging it back in. Power off the robot and then turn it back on. Manually push the robot up to the Station, and ensure that the charging pins are correctly connected. Then, DEEBOT will start charging, and a voice prompt will indicate successful pairing.
17	Child Lock cannot be enabled.	Communication interruption between the Station and DEEBOT may occur due to factors such as long distance or many partition walls.	Move DEEBOT near the Station to ensure smooth communication, and then enable Child Lock.
18	Driving Wheels are blocked.	Driving Wheels are blocked by foreign objects.	Please rotate and press the Driving Wheels to check whether there is any foreign object wrapped or stuck. If there is any foreign object, please clean it in time. If this problem persists, please contact Customer Care for help.

No.	Malfunction	Possible Causes	Solutions
19	The water in the Cleaning Sink is full and cannot be drained out. A voice prompt alerts that the Cleaning Sink is full.	The Dirty Water Tank is not properly installed.	Tap down on the Dirty Water Tank to ensure it is properly installed.
		The sealing plugs in the Dirty Water Tank are not installed properly.	Make sure that the sealing plugs are properly installed.
		The Station cannot drain water normally.	Long press  . After the cleaning Sink has been automatically filled with water, long press  again. If the problem occurs during the mopping pads cleaning process, end task by App/Voice Command, and then long press  to see whether the Station can properly draw the water. If the water is successfully drawn, wipe dry the Water Overflow Sensor of the Cleaning Sink. If the Station fails to draw the water, check between the Dirty Water Tank and the Station for foreign objects and clean them out.
		The suction port of the Cleaning Sink is blocked by foreign objects, or the Cleaning Sink is too dirty.	Ensure that there is no foreign object in the suction port of the Cleaning Sink. Clean up the Cleaning Sink.
		The voice prompt still exists after trying the above solutions.	Unplug the Station and plug it in again. If this problem persists, please contact Customer Care for help.
20	Mopping Pad Plates can't be lifted automatically.	Mopping Pad Plates are entangled or stuck by foreign objects.	Please remove foreign objects.
		Mopping Pad Plates fall off.	Reinstall the Mopping Pad Plates and you would hear a "click" when the Mopping Pad Plates are properly installed.

TECHNICAL SPECIFICATIONS

Model	DSX39		
Rated Input	20 V === 2 A	Charging Time	about 5 h
Station Model	CH2366		
Rated Input	220-240 V ~ 50-60 Hz	Rated Output	20 V === 2 A
Rated Input Current (Charging)	0.5 A	Power (Emptying)	1000 W
Power (Hot Water Washing Mop)	1650 W		
Frequency Bands	2400-2483.5MHz		

Output power of the wireless module is less than 100 mW.

Note: Technical and design specifications may be changed for continuous product improvement.

Explore more accessories at <https://www.ecovacs.com/global>.

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