

NARWAL T10

Narwal Robot Mop & Vacuum with Self-Cleaning Station User Manual

Please read this product manual carefully
before use and keep it properly.

Due to continuous product renewal, please
refer to the actual product.

Model: YJCC002

Market Model: YJCC002-R YJCC002-B

Dear customer:

Thank you for choosing Narwal Robot Mop & Vacuum, we are committed to providing you with hands-free cleaning experience. If you have any question, please contact: support@narwalrobotics.com
For more details, please visit Narwal official website: www.narwalrobotics.com
Wish you a happy experience of using Narwal.

Yunjing Intelligence Technology (Dongguan) Co., Ltd.
Room 508, Unit 1, Building 17, No. 4, Xinzhu Rd, Songshan Lake Park,
Dongguan, Guangdong

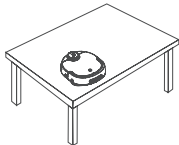


Scan the barcode
to download the APP

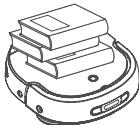
Precautions

This product is only used for floor cleaning in the home environment. Do not use it outdoors (such as open balcony), non-ground (such as sofa, window sill), elevated surface, commercial or industrial environment.

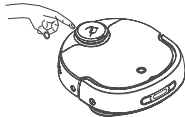
1 Do not use it in an elevated surface (such as duplex floor or the top of furniture) without the barriers.



2 Do not place any objects (including humans and pets) on stationary or moving robots.

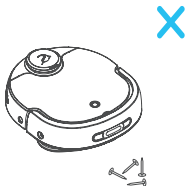


3 Do not put your hair, fingers, etc. close to the robot mop, side brush, lidar, suction port or cleaning ribs when the product is working to avoid injury.

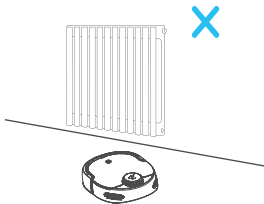


Precautions

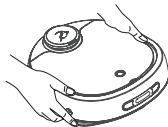
4 Do not let the robot inhale hard or sharp objects.



5 Do not place the robot near heat and water sources (eg radiators and faucets).



6 Please use the following methods to move the robot if needed.





Warning

7. This product is not intended for use by persons(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervisor instruction concerning use of the product by a person responsible for their safety.
8. Children should be supervised to ensure that they do not play with the product. Please keep children and pets away from the product when it is working.
9. Please keep accessories such as sweeping module and mopping module out of children's reach.
10. Do not use the robot to clean any burning objects (such as burning cigarettes)
11. Do not place any objects (including humans and pets) on stationary or moving robots.
12. Please clean or maintain the robot and base station during shutdown or power off.
13. Do not use the robot to clean long wool carpets.
14. Do not wipe any part of the robot body with a damp cloth or any liquid.
15. Do not use any third-party batteries, chargers or charging docks.
16. Do not disassemble, repair or modify robots, base stations and batteries without authorization.
17. Do not discard or place the discarded battery at will, and it should be disposed of by a professional recycling agency.
18. If the power cord is broken, please stop using it immediately and contact customer service.
19. If you need to transport the product, please make sure that the robot is turned off. It is recommended to use the original packaging when shipping.
20. When the product is discarded, the battery must be taken out of the product. When removing the battery, make sure that the robot is turned off.
21. Please stop current task and ensure that the robot is in the base station before updating.
22. Keep product packages (package bags, foams and etc.) out of the reach of children.
23. If the robot is in the base station, please do not lift the base station to prevent the robot from slipping.
24. It is forbidden to run the robot with the top cover open.



Warning

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.

CAUTION RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

1. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
2. The operating temperature of the EUT can't exceed 40°C and shouldn't be lower than 5°C .

Hereby, Yunjing Intelligence Technology (Dongguan) Co., Ltd. declares that this product is in compliance with essential requirements and other relevant provisions of Directive 2014/53/EU. This product is allowed to be used in all EU member states.

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.

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.
3. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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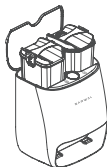
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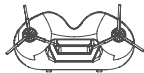
What's in the box



Robot x1



Base station x1



Sweeping module x1



Side brush x2



Bird knife x1



Mopping module x2



Mop x4



Magnetic strip x1



Power cord x1



Detergent x1



Filter sponge x2

About the robot & base station

Reset button

- Press and hold for 3 seconds to reset

Power button

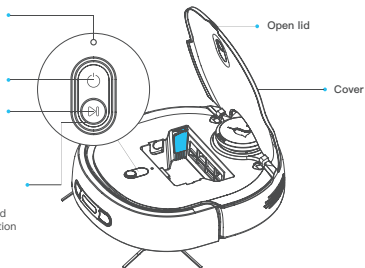
- Press and hold for 2 seconds to turn on/off

Start button

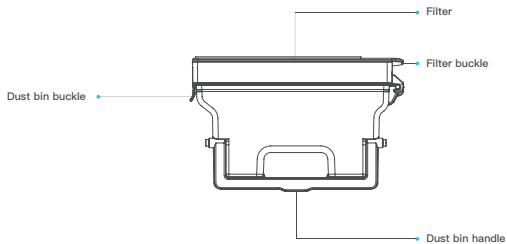
- Short press to start/pause cleaning
- Press and hold for 2 seconds to stop current task

Circular indicator light

- White — standby
- Purple — working
- Purple blink — paused
- Red blink — malfunction

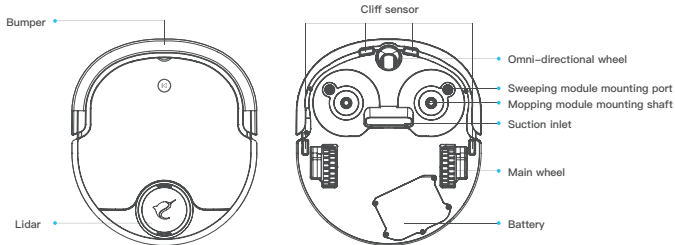


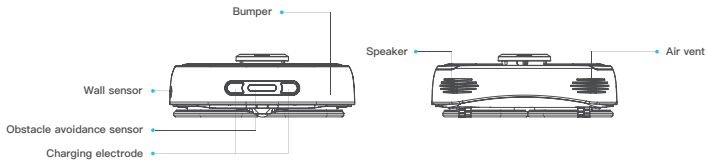
- Note:**
1. Find the bird knife at the highlighted (blue) area.
 2. The robot data will be deleted completely after factory reset, and it needs to be reconfigured.



About the robot

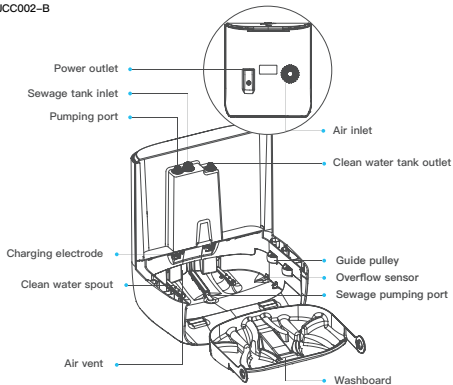
Market Model: YJCC002-R

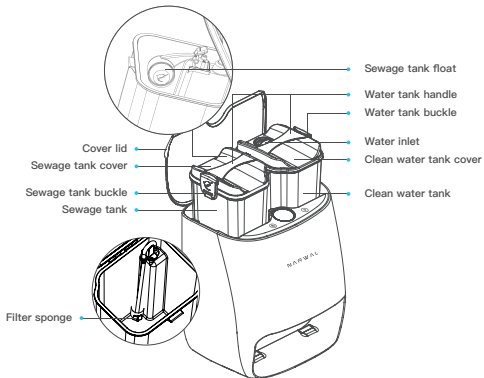




Base station

Market Model: YJCC002-B





Base station panel

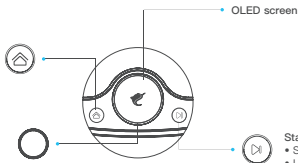
Base station screen & buttons

Home button

- Short press to command the robot to return/exit the base station.
- Press and hold for 2 seconds to reset the map and start mapping.

Circular indicator light

- White — standby
- Purple — working
- Purple blink — paused
- Red blink — malfunction



Start button

- Short press to start/pause cleaning
- Long press 2 seconds to stop current task

Screen icon



Sweeping icon

Indicates the current status is vacuuming.



Charging icon

Indicates that the robot and base station charging electrodes are connected successfully.



Narwal icon

Indicates that the base station/robot has been turned on/off



Mopping icon

Indicates the current status is mopping.



Battery icon

Indicates the current battery level.

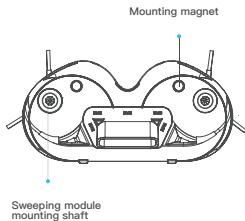
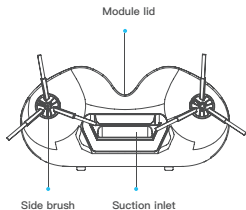


Child lock icon

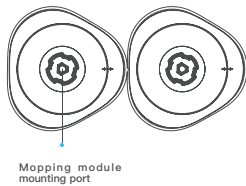
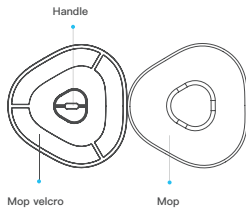
Indicates that the current base station panel is locked.

Cleaning modules

Sweeping module



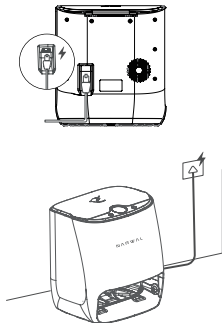
Mopping module



Base station installation

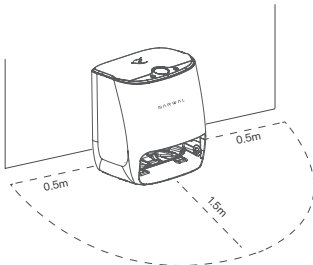
1. Power-on

Connect the power cord to the back socket of the base station, plug it into the power outlet. Note: please fasten the power cord to avoid poor connection.




2. Base Station placement

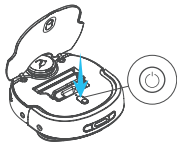
Keep the base station on a flat surface, against a wall. Note: ensure to leave enough space to the charging station (0.5 meters on both sides, more than 1.5 meters in the front)



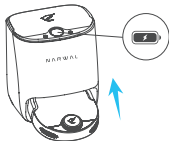
Robot preparation

1. Turn on

Press and hold the power button  for 2 seconds to turn on the robot. Note: do not move the robot when it is starting.



It can not be turned on when the battery is low. Please put the robot into the base station to charge.

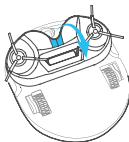


2. Install & remove the sweeping module

Insert the protrusions under the sweeping module into the slot and press the sweeping module. The robot will automatically hold the module.



Pull the handle to remove the sweeping module.

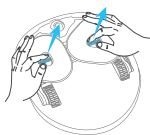


3. Install & remove the mopping module

Install the mop on the module and press the mounting port into the robot's mounting shaft.

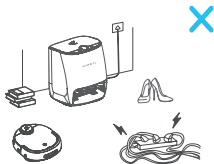


Pull the handle to remove the mopping module.

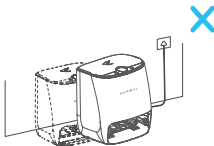


How to use Narwal tips

1. Please put away all wires on the ground (including the power cord of the base station) before using the robot to avoid any malfunction of the robot or damage of your belongings.



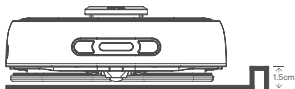
2. Do not move the base station after mapping, it will cause the robot fails to return to the base station. It has to rebuild the map after moving the base station.



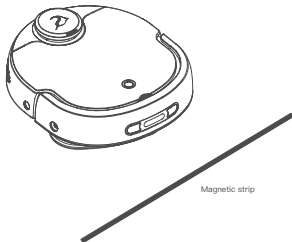
3. Do not move the washboard when the robot is working, otherwise, the robot will not wash the mops.



4. The robot can go across the obstacles less than 1.5cm in height.



5. Please place the magnetic strip at the around areas you do not wish to clean before the robot starts to work.



Basic operation

Robot basic operation

Power on/off

- Press and hold the power button  for 2 seconds to turn on/off


Start task

- Short press the start button  to start a new task.

Pause/resume task

- Short press the start button  to pause/resume.

End current task

- Press and hold the start button  for 2 seconds to end the current task and stand by.

Factory reset

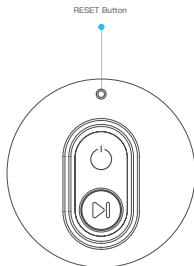
- Press and hold the reset button for 3 seconds to reset the robot.

Reset Wi-Fi

- Press and hold power button  and start button  for 2 seconds to reset Wi-Fi.

Charging

- The robot will automatically return to the base station for charging when the robot completes the cleaning task or the power is lower than 20%. It will return to the previous position to continue the task after charging.



Base station operation

Send home/exit base station

- Short press the home button  to command the robot return/exit the base station.


Start task

- Short press the start button  to start a new task.



Pause/resume task

- Short press the start button  to pause/resume.

End current task

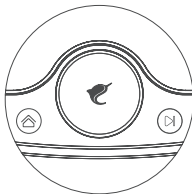
- Press and hold the start button  for 2 seconds to end the current task and stand by.

Base station lock/unlock (children lock)


- Press and hold the home button  and the start button  for 2 seconds to lock/ unlock the base station panel.

Note:

1. The robot will enter the low power mode after 15 minutes standby when there is no task.
2. The robot will end current task and enter the low power mode when the pause or error status for more than 2 hours or the power is lower than 15% .
3. If the power is too low, it will not be able to start the task. Please charge it before starting the task.

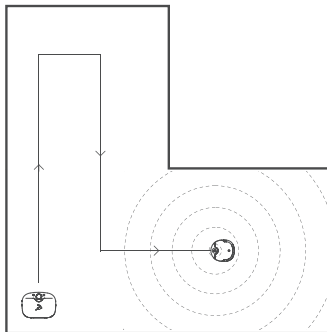


Mapping


1. Long press the home button  on the base station to start the mapping.
2. The robot scans all rooms along the contour of the room to create a map of the entire house.
3. After mapping, the robot will return to the base station for room division and charging.

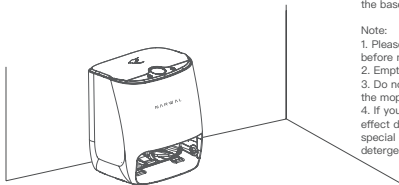
Note:

1. The robot needs to install the sweeping module for mapping.
2. The robot must be in the base station before mapping starts.
3. Wait one minute or so after the construction is completed, so that the robot can start cleaning after successfully completing the room division task.
4. Please do not move the base station after mapping. It has to rebuild the map once moving the base station.
5. It is recommended to remap for better experience if there is any large object been moved or added (such as a closet) in the cleaning area.




Vacuuming

1. Install the sweeping module.
2. Short press the start button  on the base station or on the robot to start vacuuming.
3. After vacuuming, the robot will automatically return to the base station for charging.



Mopping

1. Install the mopping module.
2. Short press the start button  on base station or robot to start mopping.
3. During mopping, the robot will automatically return to the base station to wash the mop to keep it clean.
4. After mopping, the robot will automatically return to the base station for charging.

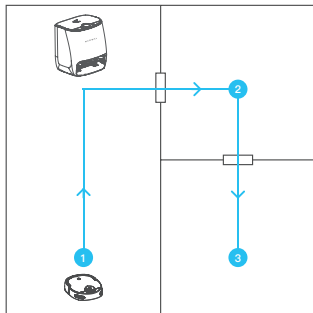
Note:

1. Please put a proper amount of water in the water tank before mopping the floor.
2. Empty the sewage tank after mopping.
3. Do not move the water tank while the robot is cleaning the mop.
4. If you need to use detergent to enhance the mopping effect during the mopping process, please use the special detergent for this product. Do not use any other detergent.



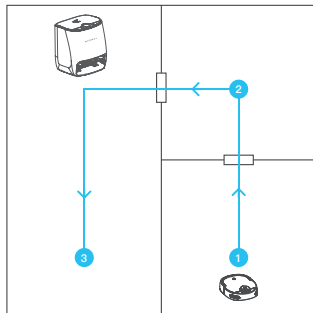
Cleaning path

Vacuuming path



The robot will clean from the room of base station for vacuuming by default.

Mopping path



To avoid secondary contamination, the robot will clean from the farthest room for mopping by default.