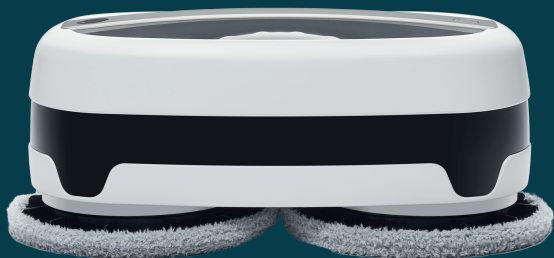


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# ROBOT MOP

NORDVÄL HC101



English



NORDVÄL



Nordval® is the registered trademark of TJM Zwerink Holding B.V.

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# HELLO,

Thank you for purchasing the Nordvål HC101 Robot Mop. Let's get started!

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# DECLARATION OF CONFORMITY

## Product information

For the following

Product: Radio equipment

Type: HC101 Robot Mop



## Declaration and applicable standards

Hereby, TJM Supplies B.V. declares that the type of radio equipment HC101 robot conforms to: Directive EMC 2014/53/EU and the RoHS directive (2011/65/EU) and its amendment directives 2015/863/EU on the restriction of the use of certain hazardous substances in electronic equipment.

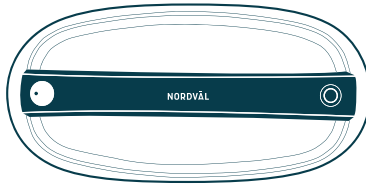
The full text of the EU declaration of conformity can be found at the following internet address:  
[www.nordval.eu/declaration-of-conformity](http://www.nordval.eu/declaration-of-conformity)

## Importer

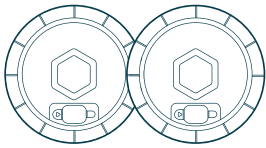
|                          |  |
|--------------------------|--|
| Company:                 | TJM Supplies B.V.  |
| Address:                 | Zompstraat 8<br>8102 HX Raalte<br>The Netherlands            |
| Email:                   | <a href="mailto:info@tjmsupplies.nl">info@tjmsupplies.nl</a> |
| Phone number:            | +31 85-0402973   |
| Business license number: | 72016981   |
| VAT number:              | NL858946439B01   |

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Specifications are subject to change without notice. Copyright©2020 TJM Supplies B.V. All rights reserved.  
Manufactured in Korea by Everybot Inc.

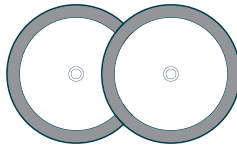
# WHAT'S IN THE BOX?



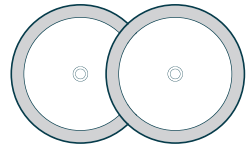
**HC101 Robot Mop**



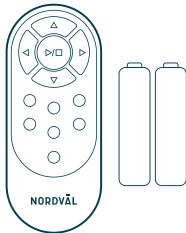
**Water Tank**



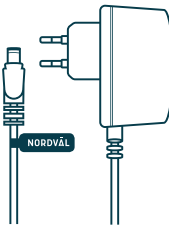
**Yarn Mop  
(Grey Color)**



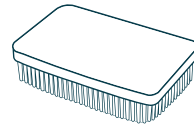
**Microfiber Mop  
(Green Color)**



**Remote Control  
(Battery included)**



**Power Adaptor**



**Silicone Brush**

**Note**

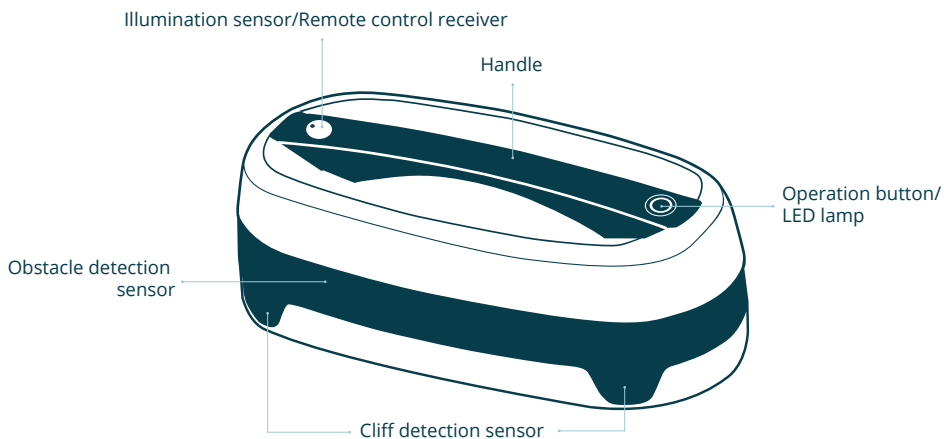
**Yarn mop (Grey color)**

Included with yarn which is 100 times thicker than microfiber which makes it suitable for cleaning up dust in cracks.

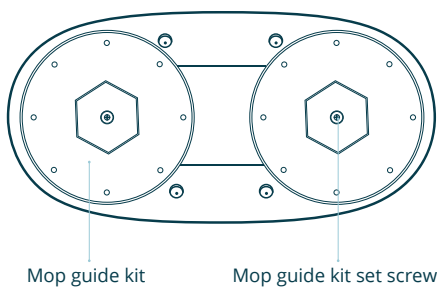
**Microfiber yarn (Green color)**

Included with microfiber yarns for superior wiping performance.

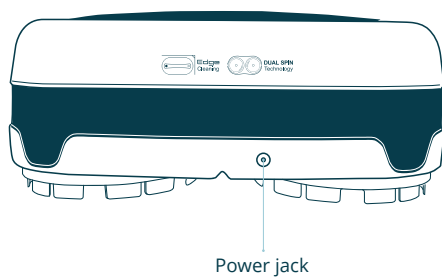
## HC101 Front



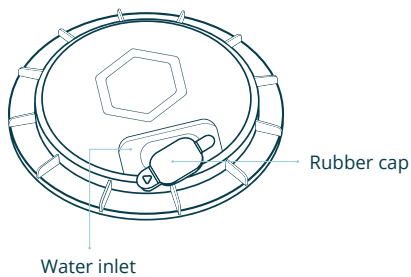
## HC101 Bottom



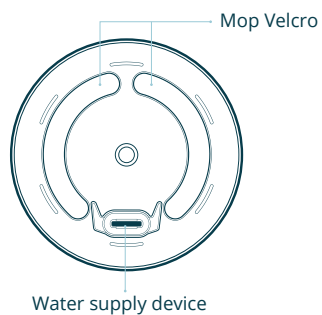
## HC101 Rear



## Water Tank Top



## Water Tank Bottom

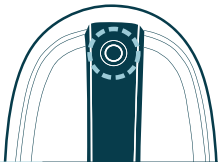
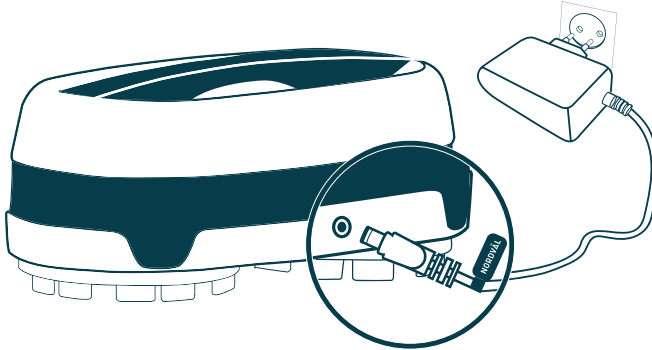


# CHARGING STATUS & LED INDICATORS



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

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



### When Charging

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

### When Using

|        |                        |   |
|--------|------------------------|---|
| Blue   | <b>Blue Blinking</b>   | <ul style="list-style-type: none"> <li>Change mops, and fill water in the water supply mop kit and start the cleaning again.</li> </ul>   |
| Yellow | <b>Yellow On</b>       | <ul style="list-style-type: none"> <li>Recharge the battery.</li> <li>*If the battery is low while cleaning a dark place, the unit moves out to a bright place and stops its operating</li> </ul>   |
| Yellow | <b>Yellow Blinking</b> | <ul style="list-style-type: none"> <li>Check whether the unit is stopped by obstacles.</li> <li>Check whether there are unwanted substances in the mop guide kit or water supply mop kit.</li> <li>Operate the unit in a wide place again after turning on and off the power switch.</li> </ul> |
| Red    | <b>Red Blinking</b>    | <ul style="list-style-type: none"> <li>Check whether the authorized adaptor was used for charging.</li> <li>Switch off and turn on again the unit and start the cleaning again.</li> <li>If the same symptom is repeated, turn off the system power and contact the customer center.</li> </ul> |
| OFF    | <b>LED Off</b>         | <ul style="list-style-type: none"> <li>The robot mop is off.</li> </ul>   |

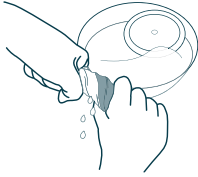


- When there is an error, the main unit will stop and sound the alarm for 5 minutes with LED blink.
- After 10 times of alarm and LED blink, the main unit will be powered off.

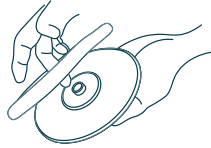
# INSTALLING THE WATER TANK



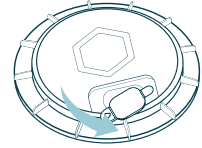
- Please turn off the main power when you install or detach the water supply mop kits.
- Please tightly squeeze out water from the yarn mops before attaching, otherwise the cleaning speed may be affected.



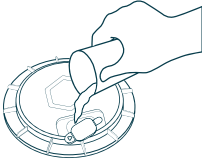
**1** Clean wet mops thoroughly in water and apply them in the main unit after wringing them out.



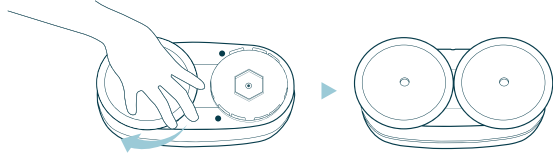
**2** Attach the mop pads to fit the joint parts to the hole of water supply mop kit. (See the Figure below)



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

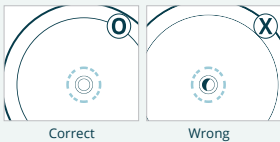


**4** Fill water into the water tank.

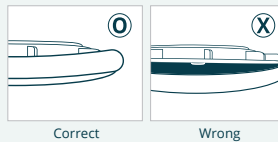


**5** Close the rubber cap of the water supply mop kit and attach the water supply mop kit in the bottom of the Nordval HC101. (Pressing it while turning side to side will install it with a click sound)

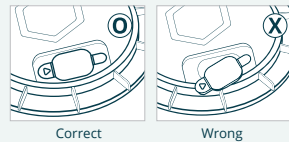
## ⚠ Cautions



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



Make sure the mop pads are attached tightly.



After filling water in the water supply mop kit, fully close the rubber cap.



## CLEANING MODES

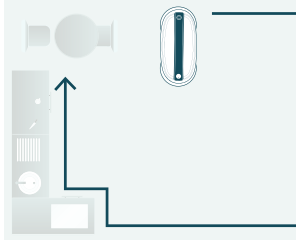


Select a cleaning mode you want by using the remote control.  
Sprinkle the floor with water before use for better results.



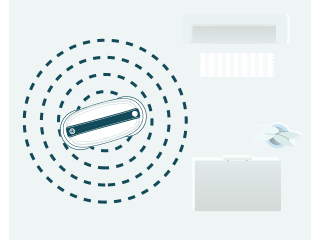
### Automatic Cleaning

Standard & efficient cleaning mode for most rooms



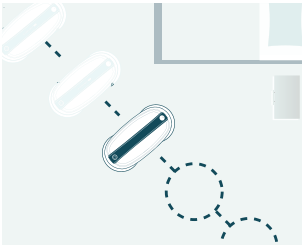
### Edge Cleaning

Focuses to clean corners and edges of floor



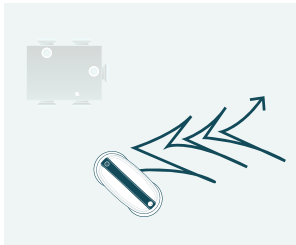
### Focus Cleaning

Intensively cleans the surrounding area relative to the main unit location



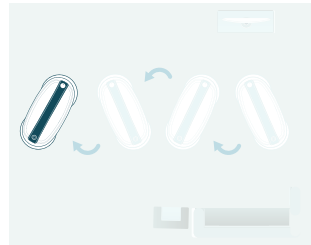
### Intensive Cleaning

Intensively cleans with straight and turn around moving patterns



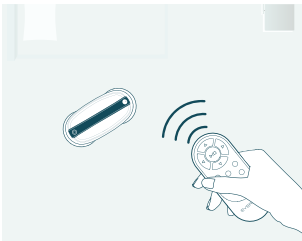
### Y Pattern Mode Cleaning

'Y' curve pattern as if wiping floor by hands



### Step Cleaning

Cleans left and right with step movements



### Remote Control Cleaning

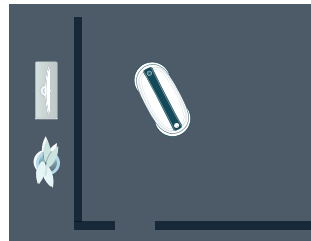
Cleans with direction button keys of remote control

\*Only moves when the direction button is pressed



### 50min. Cleaning

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



### Darkfloor mode

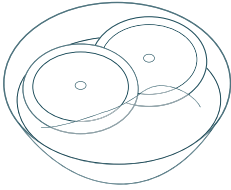
Use this special mode (if needed) to clean dark floors and surfaces

\*See how to enable darkfloor mode in page 12

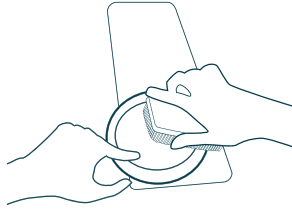
# WATER TANK & MOP MAINTENANCE

## WASHING THE MOPS

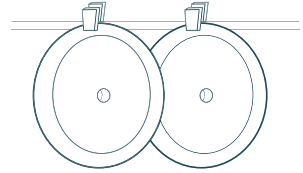
You can use included silicone brush for easier mop washing.



**1** Put the mops in water

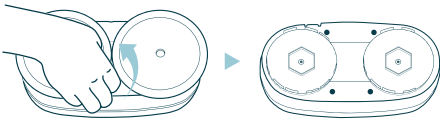


**2** Use a natural detergent for washing mops if desired

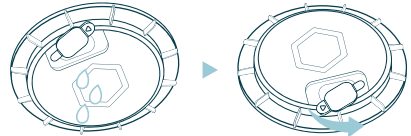


**3** Squeeze out water and dry the mops

## MAINTAINING THE WATER TANK



- 1** Separate the mop from the water tank mop kit after finished operating.
- Please just pull out the water tank mop kit by hands.
  - If it is hard to pull out, please twist it a little bit.

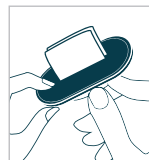
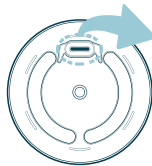


- 2** Open the rubber cap to dry out inside of water tank after pour remained water.



**Note**

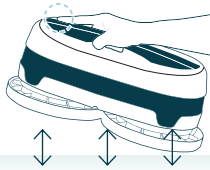
If water supplying is not sufficient, please wash the water supply cloth or change the water supply device as instructed:



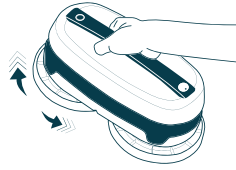
# HANDHELD CLEANING & REMOTE CONTROL



- You can clean manually by holding the handle of the main unit.
- The handheld mode is perfect to clean desks, tables, glass floors, and glass windows.



Lift up the machine and press on/off button twice shortly.

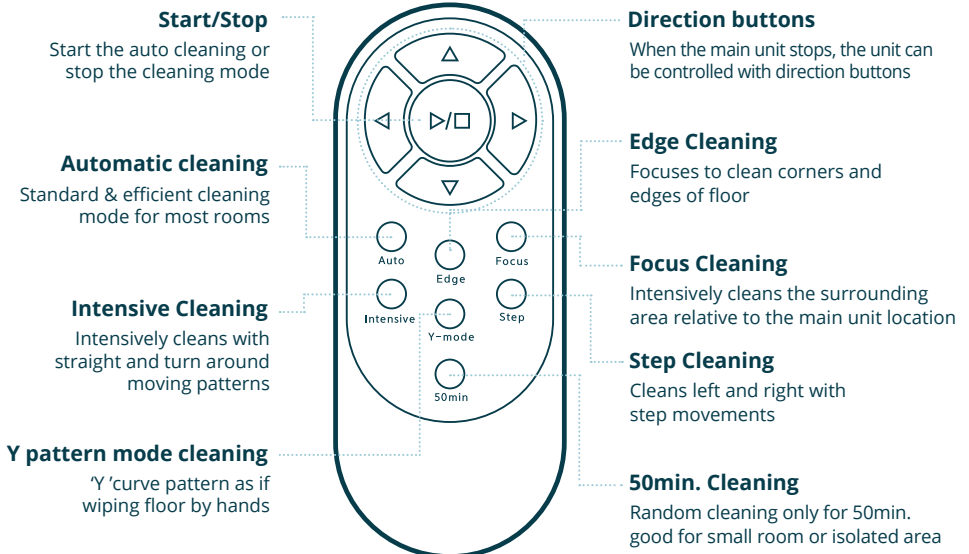


Handheld cleaning mode starts with continues turning mops.



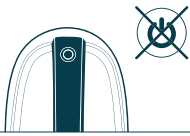
## Cautions

- In the handheld cleaning mode, do not place the main unit on the floor because the sensors are inactive.
- If you press the stop/start button on the robot or remote control, the cleaning mode will stop.



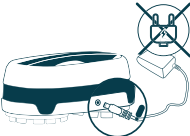
\*The range of remote control is max.5m

# TROUBLESHOOTING



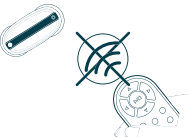
## The device does not turn on

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



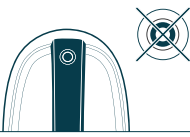
## The device does not charge

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



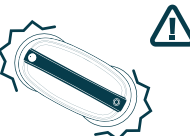
## Remote control does not work

- Check if the robot is charged and switched on.
- Replace the batteries of the remote control with new ones.
- The remote control does not operate while recharging.
- Check if the remote control is not located 5m or further away from the robot.



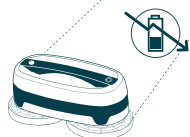
## The robot mop does not work

- Please check if the robot is turned on after charging.
- Please press the operation button for 2sec. And check if it does turn on.
- Check battery level or errors through the LED lamp.



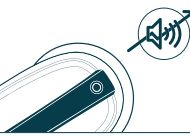
## The robot mop is not working normally during cleaning

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



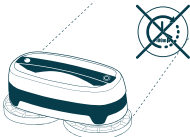
## Movement or cleaning force is weak

- Check if the water supply mop kit or the mops are installed correctly. (see pag. 6p)
- If the mops or the bottom of the main unit is too moist, remove moisture and restart.
- Check if unwanted substances like a long string are caught in the water supply mop kit or mop guide kit.
- Firmly tighten the screw of the mop guide kit on the bottom of the main unit. (see pag. 8).  
The main unit is made to be operated in home (floor) environments.



## The operational noise is louder than normal

- Check if any unwanted substances are caught in the rotating plate of the device.
- Loose screw of the rotating plate may cause noise.

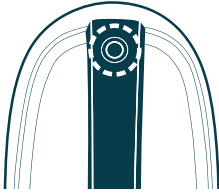


## The operating time is short

- Charge the battery fully.
- If the battery is completely discharged, operating time of the robot can be affected.
- Check if the LED lamp blinks in red while charging.
- The LED lamp blinking in red may be a sign indicating that battery is abnormal, so turn off the power and contact the customer support.

## INDICATORS & PRODUCT MAINTENANCE

### ▪ LED lamp is off



#### LED Off

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

#### LED On

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

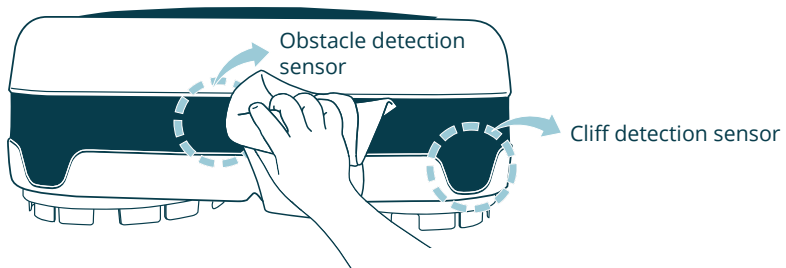
### ▪ Sound alarm while operating



#### Blue blinking

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

## CLEANING SENSORS

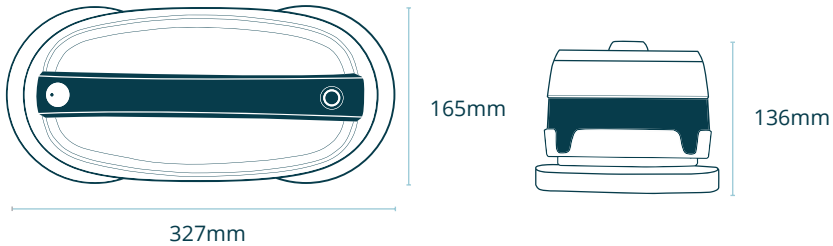


- If there is dust or the foreign substance in the obstacle detection sensors, gently wipe them by a cotton swab or dry cloth.
- If sensors are contaminated severely, wipe them by wet cotton swab.
- Please make sure to keep the sensor areas clean in order to function properly.

⚠ Do not use petrol or alcohol to clean sensors.

## PRODUCT SPECIFICATIONS

### Nordvål HC101



|                        |   |                          |                        |
|------------------------|---|--------------------------|------------------------|
| <b>Product Name</b>    | Nordvål HC101 Everybot Edge (Floor Mopping Robot Cleaner) |                          |                        |
| <b>SKU</b>             | HC101   | <b>Power Consumption</b> | 27 Wh                  |
| <b>Size</b>            | W327 x D165 x H136 mm                                     | <b>Weight</b>            | 1.6 kg                 |
| <b>Power</b>           | AC100-240V, 50/60Hz                                       | <b>Battery</b>           | Li-ion 11.1VDC, 2150mA |
| <b>Operating Noise</b> | 46.6 dB   | <b>Operating Time</b>    | 100 min                |
| <b>Driving Speed</b>   | 20 cm/sec   |                          |                        |

### Remote Control

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

## HOW TO ENABLE DARKFLOOR MODE

- 1 Connect the device to the power adaptor first.
- 2 Press the direction keys of the remote control in the following sequence; Up, Left, Right, Up — Now you will hear a signal sound.
- 3 Then, you can operate the Mop Robot on dark floors, but it cannot sense cliffs for fall protection.
- 4 Once you turn off and on the Robot Mop, it will be reset to the original settings.

# NORDVÅL

Your smart technology friends.





**NORDVÄL**

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