

TRIPLE SPIN

NORDVÄL HC104



English



NORDVÄL



HELLO,

Thank you for purchasing the Nordvål HC104 Triple Spin. Let's get started!

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DECLARATION OF CONFORMITY

Product information

For the following

Product: Mop Robot
Type: HC104 Triple Spin



Declaration and applicable standards

Hereby, TJM Supplies B.V. declares that the type of radio equipment HC104 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

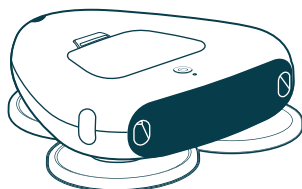
Importer

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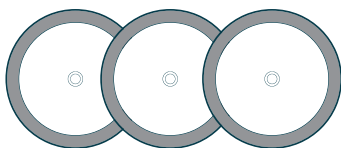
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Manufactured in Korea by Everybot Inc.

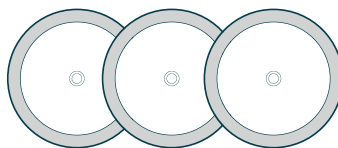
WHAT'S IN THE BOX?



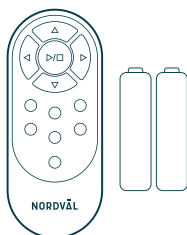
HC104 Triple Spin



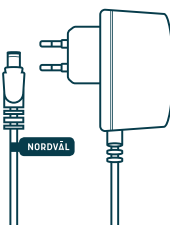
**Mother-yarn Mop
(Grey Color)**



**Microfiber Mop
(Green Color)**



**Remote Control
(Batteries included)**



Power Adaptor



Charging cradle



Note

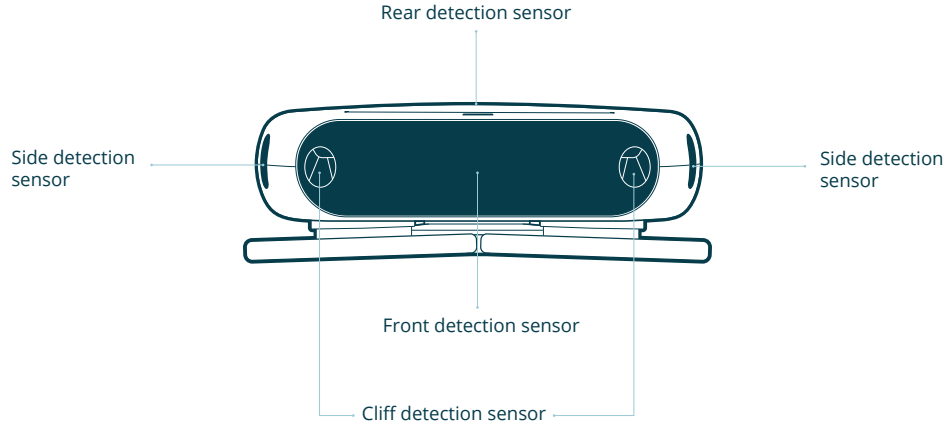
Mother-yarn Mop (Grey Color)

Composed of mother yarn fibers that are 100 times thicker than microfibers, which are great for cleaning dirty cracks and old stains.

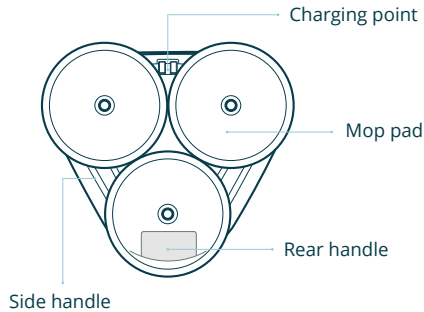
Microfiber Mop (Green Color)

Long and thick bristles provide a large surface area for cleaning, which is excellent for wiping floors without leaving water stains.

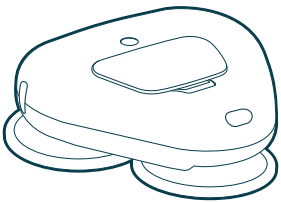
HC104 Front



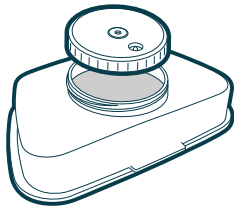
HC104 Bottom



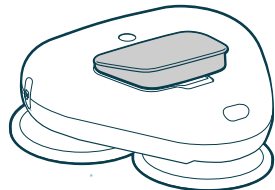
HC104 Rear



Water Tank Bottom



Water Tank Top



CHARGING STATUS & LED INDICATORS

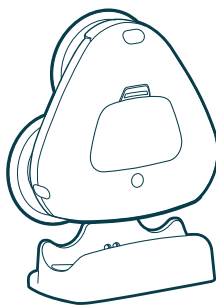
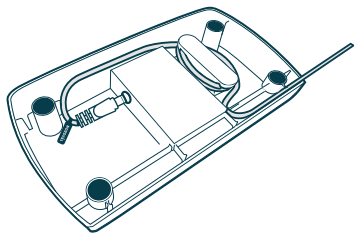


Caution

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

Connect the power adaptor to the power inlet on the bottom of the charging station.

When the main unit is mounted on the charging station, charging will start with a “beep” sound.



Battery level indicator



Power/operate button



Water level indicator

Battery charging		Water level	
 ◯	· Sufficient: 70% or more	 ◯	· Extra wet
 ◯	· Moderate: 45- 70%	 ◯	· Moderately wet
 ◯	· Low: Less than 45%	 ◯	· Dry mop



Note

- LED turns off when charging is complete

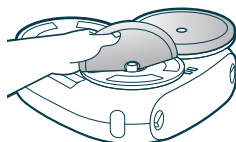
INSTALLING THE WATER TANK



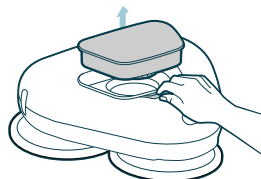
- Tightly squeeze out water from the yarn mops before attaching, otherwise the cleaning speed may be affected.



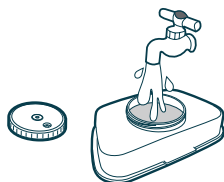
- 1** Wet the mop pads in water and wring them out.



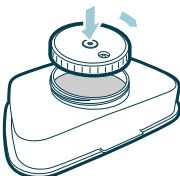
- 2** Attach the mop pads to the rotating plate by aligning the holes with the center of the plates.



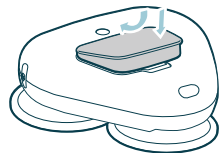
- 3** Detach the water tank by pressing the water tank release button on the top of the main unit.



- 4** Open the water tank cap and fill it with water up to the mouth of the water-tank.



- 5** Turn the water tank cap clockwise to close it. Carefully place the water tank back into the main unit.

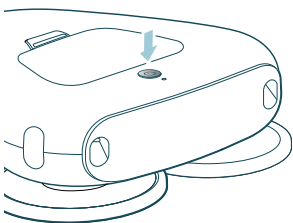


CLEANING MODES



Note

- Select the preferred cleaning mode by using the remote control.
- For better results, sprinkle the floor with water.



Turn on the power

Press and hold the power/operate button to turn on the power.



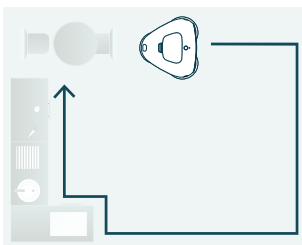
Start cleaning

Press the power/operate button once more to start automatic cleaning.



Automatic Cleaning

Standard & efficient cleaning mode for most rooms.



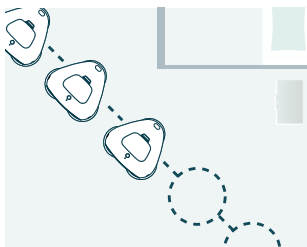
Edge Cleaning

Cleans the floor along walls and corners.



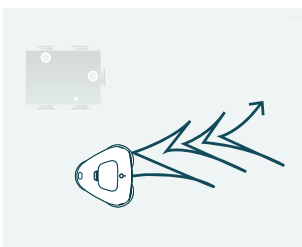
Focused Cleaning

Intensively cleans a small surrounding space.



Intensive Cleaning

Intensively cleans with straight and rotating motions.



Y Pattern Mode Cleaning

Moves back and forth in Y-shaped patterns and cleans the floor.



50min. Cleaning

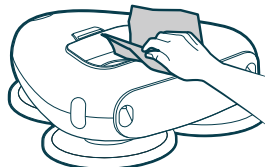
Stops after cleaning for 50 minutes.

WATER TANK & MOP MAINTENANCE

CLEANING THE WATER TANK

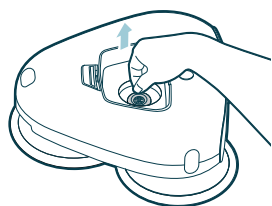


- 1 Detach the water tank from the main unit. Use neutral detergent to wash and dry completely.

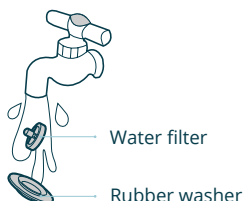


- 2 Periodically clean the water tank joint to prevent foreign matter from entering.

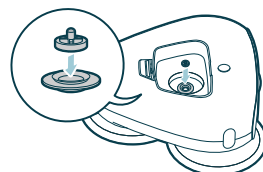
CLEANING THE MOUTH OF THE WATERTANK



- 1 Take out the rubber washer from the mouth of the water tank.



- 2 Clean the rubber washer and water filter.



- 3 Firmly press the filter on the rubber washer and insert it back into the water tank.

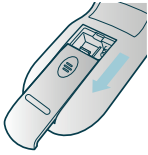


Cautions

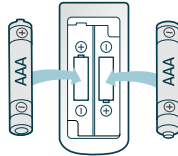
- If the rubber washer and water filter are not installed, the robot will not spray water and prevent the cleaning process.
- Be sure to reinsert the filter and washer correctly before use.
- Carefully check the direction of the water filter.

REMOTE CONTROL

HOW TO INSERT THE BATTERIES



1 Remove the remote control cover.



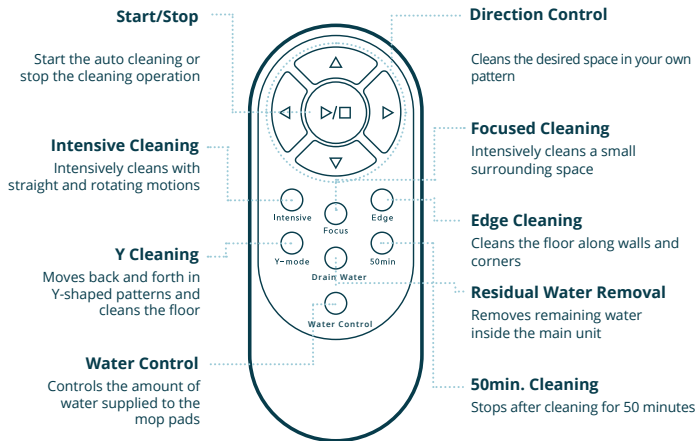
2 Insert the batteries as shown in the picture.



3 Close the remote control cover by sliding it until it clicks.

Note

- The maximum distance that the remote control signal can be received is 5m.
- There may be restrictions on signal reception if there are obstacles nearby.
- The remote control does not work while charging the product.

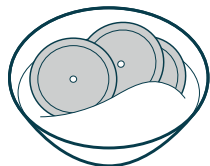


Note

- The water tank supplies a constant amount of water to mop pads through electronic control.
- The water supply level can be adjusted with the remote control. Each time the button is pressed, it instructs the tank in the following order: cut off water, Level 1, and Level 2.
- You can check the selected level through the water level indicator on the main unit.

INDICATORS & PRODUCT MAINTENANCE

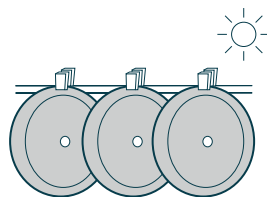
HOW TO WASH THE MOP PADS



1 Soak the mops sufficiently in water.



2 Gently rub the mop pads with neutral detergent to wash.



3 After wringing out the water from mop pads, hang them out to dry.



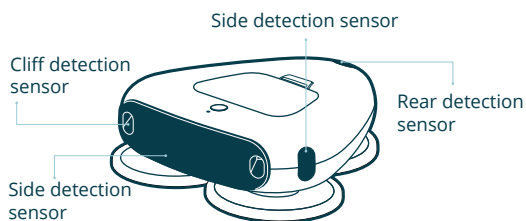
Cautions

- Do not put the mop pads in the dryer. It may cause damage to the pads.
- When using neutral detergent, rinse thoroughly to prevent residues.
- When using a washing machine, it may transfer color and odor to other laundry. Please wash them separately.

CLEANING SENSORS

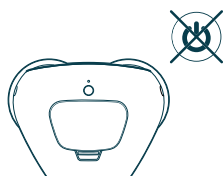


Use a microfiber cloth and a neutral detergent to carefully clean the sensors.



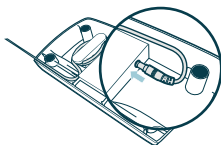
 Do not use petrol or alcohol to clean the sensors.

TROUBLESHOOTING



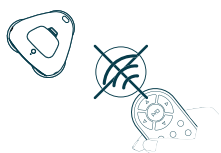
The device does not turn on

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



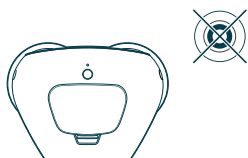
The device does not charge

- 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.



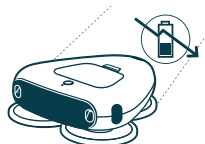
The robot mop does not work

- Check if the robot is turned on after charging.
- Press the operation button for 2 sec. to 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 sensors. (see page 10)
- Please check if the mops are properly attached on the mop kits.



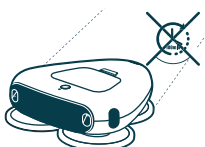
Movement or cleaning force is weak

- Check if the watertank and mops are installed correctly. (see page 6)
- 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.



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.

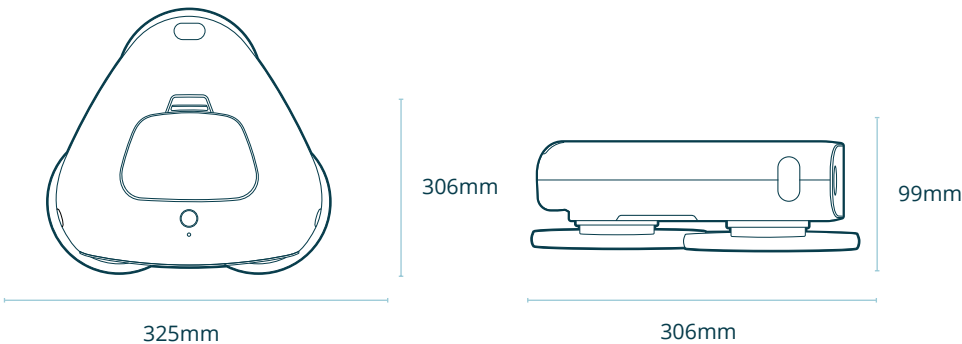


The operating time is short

- Charge the battery fully and check the battery level indicator (see page 5).
- If the battery is completely discharged, the operating time of the robot can be affected.

PRODUCT SPECIFICATIONS

Nordvål HC104



Product Name	Nordvål HC104 Triple Spin		
SKU	HC104	Power Consumption	27 Wh
Size	W325 x D306 x H99 mm	Weight	2.05 kg
Power	AC 100-240V~, 50/60Hz	Battery	Li-ion DC11.1V / 2,150mAh
Operating Noise	43 dB	Driving Speed	20 cm/sec
Operating Time	Approx. 120 minutes with wet mop pads Approx. 200 minutes with dry mop pads		
Charging Time	Approx. 160 ~ 180 minutes		

Remote Control

Product Name	IR Remote Control	Model Name	IR Controller
Size	W150 x D50 x H21 mm	Battery	2 x AAA batteries
Signal Transmission Distance	Max. 5m		

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