

# **ULTENIC T10 Lite Self Emptying Robot Vacuum and Mop User Manual**

Home » Ultenic » ULTENIC T10 Lite Self Emptying Robot Vacuum and Mop User Manual

#### **Contents**

- 1 ULTENIC T10 Lite Self Emptying Robot Vacuum and
- **2 SAFETY INFORMATION**
- **3 BEFORE USE**
- **4 PRODUCT PRESENTATION**
- **5 APP CONNECTION**
- **6 PRODUCT USE**
- **7 REGULAR MAINTENANCE**
- **8 MAINBODY INDICATOR LIGHT /WI-FI INDICATOR**
- 9 TROUBLESHOOTING
- **10 PARAMETER**
- 11 FCC STATEMENT
- 12 Customer Service
- 13 Documents / Resources
  - 13.1 References



**ULTENIC T10 Lite Self Emptying Robot Vacuum and Mop** 



PLEASE READ CAREFULLY AND KEEP FOR FUTURE REFERENCE.

#### SAFETY INFORMATION

#### SAFETY WARNING

## IMPORTANT SAFETY INSTRUCTIONS FOR HOME USE ONLY

Basic precautions should always be observed when using any electrical equipment, including the following:

WARNING: READ ALL SAFETY INSTRUCTIONS AND THE ENTIRE MANUAL.

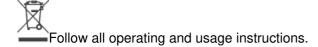
Failure to heed the warnings and instructions may result in electric shock, fire, or serious injuries. Please read all instructions before using this robot.

#### **WARNING:**

- This robot is intended for children 8 years of age and older. People with reduced physical, sensory, or
  intellectual abilities, or those who lack experience and knowledge, should be supervised or instructed in safely
  using the robot; they must also be aware of possible hazards. Children should not play with this robot. Cleaning
  and user maintenance should not be performed by children without supervision.
- The robot must be used in accordance with the instructions in this manual. The company is not responsible for any damage or injury caused by improper use.

To reduce the risk of injury or damage, please observe the following safety precautions when installing, using and maintaining the robot:

- Please read all instructions regarding safety and operation before using the robot.
- Keep the safety and user manual for future reference. If you accidentally lose the manual, you may visit the
  official website to download the electronic version. (https://www.ultenic.com).
- Heed all warnings on the robot, battery, dust collector, and user manual.



The product's labels or packaging indicate that: Do not dispose of the electrical appliances as unsorted waste or, use a separate waste collector.

Contact your local authority for information on the appropriate disposal method. If electrical appliances are discarded in landfills, hazardous substances can leach into groundwater, enter the food chain, and damage people's health. Contact your local or regional waste management agency for more information on their recycling and reuse programs.

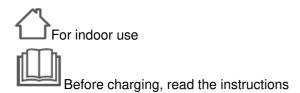
#### **RESTRICTIONS**

- This robot is for indoor use only. Do not use it outside, or in commercial and industrial environments.
- Before using the robot, remove fragile items such as clothing, loose-leaf paper, rope or curtains, and power cords from the floor. The robot may snag onto an object, table, or shelf if it gets stuck on a cable.
- This robot is not a toy. Do not sit or stand on this robot. Children and pets should be supervised while the robot is operating.
- Store and operate the robot at room temperature.
- Do not use this robot to clean anything that is burning or smoking.
- Do not use the robot to clean bleach, paint, or other chemicals, or anything wet.
- If the cleaning area involves a balcony, a physical barrier should be set up to prevent the robot from accessing the balcony and ensure it operates safely.
- People (including children) with reduced physical, sensory, or intellectual abilities, or those who lack experience and knowledge, should be supervised or instructed in safely using the robot.
- Children should be supervised to ensure they do not play with the robot. Further, cleaning and maintenance must not be performed without adult supervision.
- Do not place anything on the robot.
- Please note the robot will move on its own. Try to be careful when walking in the operating area to avoid stepping on it.
- Do not operate the robot in an area where a ground power outlet is exposed.

#### **BATTERY AND CHARGING**

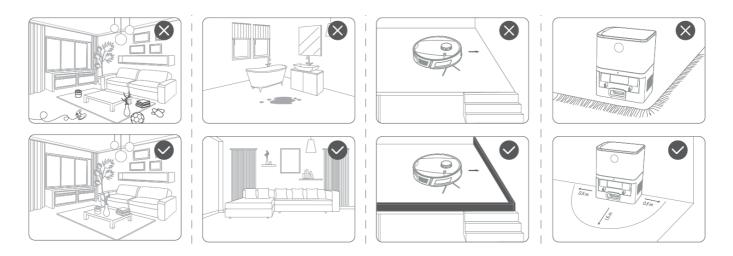
- Only use rechargeable battery packs with specifications approved by our company.
- Use the standard complimentary dust collector for charging. This product must not be used with any type of power adapter; the use of other power adapters will immediately void the warranty.

- Do not use a dust collector with a damaged power cord or plug. If the power cord or plug is damaged, it must be repaired by the manufacturer or a similarly qualified party.
- Be sure to charge and remove the batteries in the robot and accessories before long-term storage or transportation.
- The remote control battery type is AAA alkaline battery.
- To replace the remote control's batteries, slide the battery cover on the back of the remote control open, remove the battery cover, and replace the batteries.
- Charge the robot indoors only.
- Your robot's dust collector may be protected by a surge protector to prevent power surges.
- Do not operate the dust collector with wet hands.
- Before cleaning or maintaining the robot, the plug must be removed from the socket.
- Ensure the voltage rating of the enclosed dust collector matches the voltage of the standard outlet.
- Used battery packs should be placed in a sealed plastic bag and disposed of safely in accordance with local environmental regulations.
- Before each use, inspect the battery pack for signs of damage or leakage. Do not charge damaged or leaking battery packs.
- If the battery pack leaks, please contact Customer Service.
- The battery pack must be removed from the robot before disposal.
- Do not crush or disassemble the battery pack. Do not apply heat to the battery pack or place it near any heat source.
- Do not incinerate the battery pack. Do not short-circuit the battery pack.
- Do not immerse the battery pack in any liquid.
- · Do not crush or disassemble the robot.

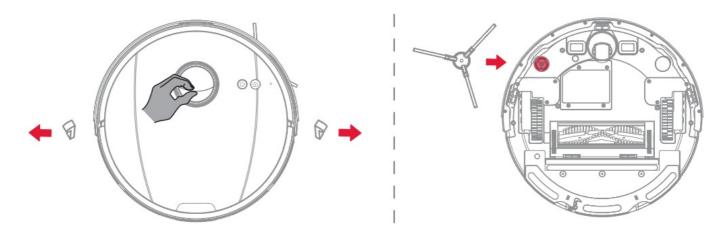


## **CAUTION:**

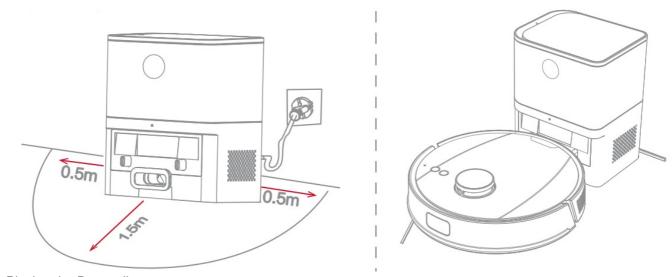
- 1. Please clean up the scattered wire and debris on the ground before starting, and remove the easy to pour, fragile, valuable and dangerous items, so as to avoid winding, stuck, dragging or knocking down the personal or property damage caused by the robotic vacuum cleaner.
- 2. Please avoid using this product in the wading area, otherwise it will damage the fan and affect the machine performance.
- 3. It is strictly prohibited to use this product in high places without a guardrail.
- 4. The dust collector should not be placed on carpet, the dust collector needs to be placed on the floor or tile with space around it.



# **BEFORE USE**



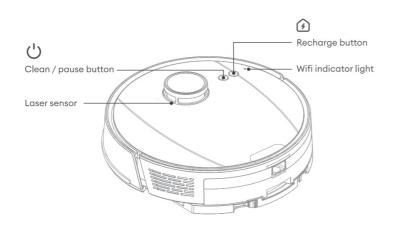
- 1. Remove the protective strip and protective film.
- 2. Install side brush.

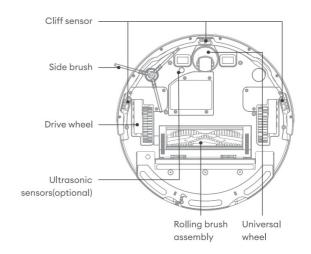


- 3. Placing the Dust collector.
  - Dust collector should be placed against the wall, placed on the flat ground, and do not place any items within 0.5m around and 1.5m ahead.
- 4. First charging.
  - Long press ( button to switch on, place the robotic vacuum cleaner on the dust collector to begin charging.

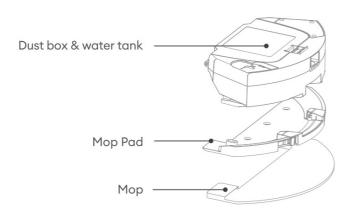
# PRODUCT PRESENTATION

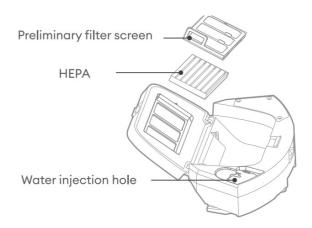
# **ROBOTIC VACUUM CLEANER**





# **DUST BOX TANK**





# **APP CONNECTION**

To use all available functions, we recommend using the app to control your robot.

# **APP Downloading and Installation**







1. Download app from the App Store (for iOS) or Google Play (for Android).

- 2. Open the app and create an account.
- 3. Tap"+" icon to add" TIO Lite" to your account.
- 4. Follow instructions in the app to set up Wi-Fi connection.

# Before starting, ensure to:

- 1. your mobile phone is connected to a Wi-Fi network.
- 2. The 2.4GHz band wireless signal is enabled on your router.
- 3. You can download the Ultenic App on the Google Play or Apple App Store.

#### **Manual connection**

- 1. Press and hold the "U" and "U" buttons at the same time for 5s to enter network configuration mode.
- 2. Select the wifi router your phone is connected to, and enter the password.
- 3. Go to settings and WLAN list to connect to the hotspot "Ultenic-TIO Lite-xxxx".
- 4. Go back to the Ultenic opp and complete the wifi connection.

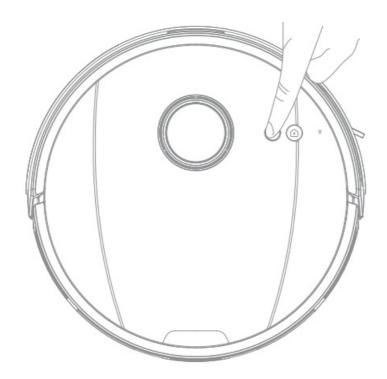
## **PRODUCT USE**

#### Turn on/ off

- Long press Ukey to start switch on, the power indicator is on, the robot enters the standby state.
- Long press Okey to shutdown, the indicator lights all off, shutdown success.

The robotic vacuum cleaner cannot be shut down while charging.

# Start cleaning



• Short press the Okey on the robotic vacuum cleaner to start the cleaning. After starting the cleaning, the machine will dynamically plan the cleaning route according to the scanned map. In the selected cleaning area, the machine will start along the wall and then cleaning in zig-zag, orderly and efficient coverage.

#### Pause / Continue

• When the machine is in operation, press any key to pause. Press the Okey to continue the cleaning.

## Sleep / wake up

• After more than 10 minutes without operation, the machine will automatically enter the dormant state. In the dormant state, the power indicator light is off, and press any key to wake up the machine.

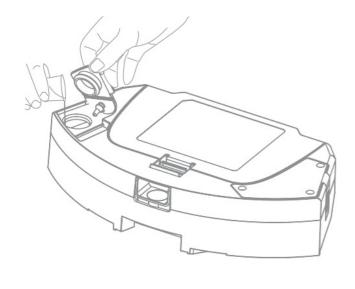
# Charge

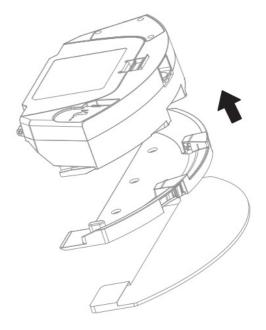
- After the cleaning, the machine will automatically return to the charging seat to charge.
- In standby/ pause state, press to start the recharge.

#### Caution:

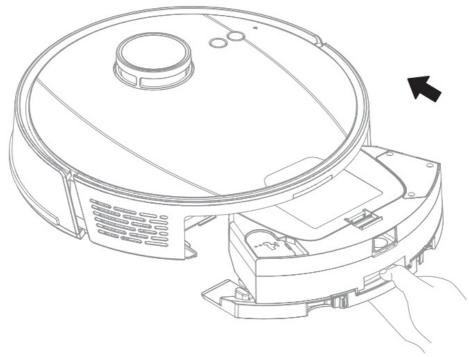
- If the power is too low, it will not start cleaning. Please charge before you start cleaning.
- Please tidy up all kinds of wires on the ground before cleaning to avoid electrical power failure or wire damage caused by the machine when cleaning.

## Mopping system





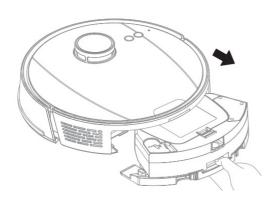
- 1. Add water
- 2. Install the mop pad and mop

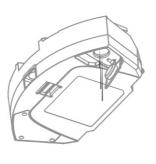


- 3. Install the dust box & water tank back to the main board
- Please make sure the floor is carpet-free when using the mopping function. You may set the carpeted portion of
  the floor as an exclusion zone after the first sweep in the app, so that you can use the mopping function
  normally without having to put away the carpet.
- After mopping is complete, please clean the water tank, mopping board, and wash the mop in a timely manner to ensure that there is no odor.

# **REGULAR MAINTENANCE**

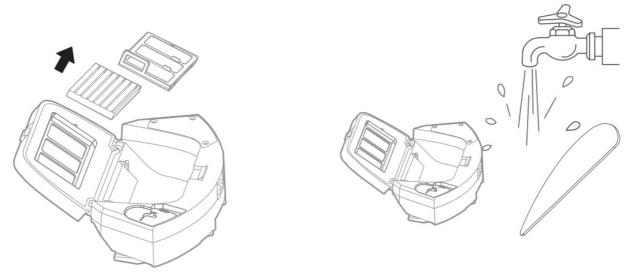
# Clean up the 2-in-one dust box water tank



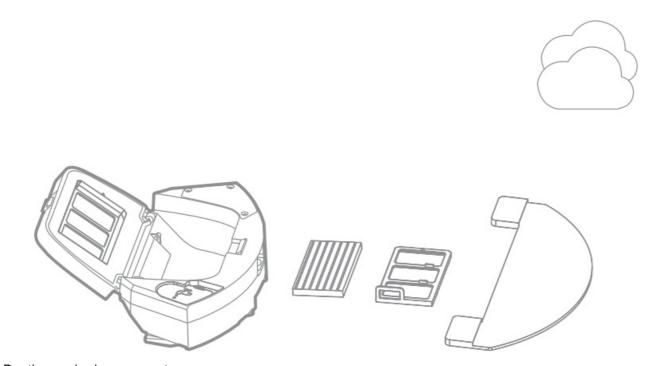




- 1. Press the dust box button to remove the 2- in-1 water tank
- 2. Empty the water tank
- 3. Open the dust box to dump the garbage



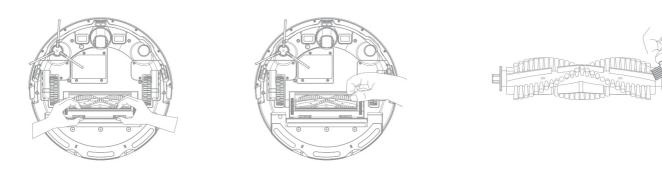
- 4. Take out the high efficient filter HEPA and the primary filter, tap the high efficient filter HEPA to remove dust
- 5. Wash the dust box, primary filter and filter sponge with water



6. Dry the washed components

Info: Before installing the filters, make sure that the high efficient filter HEPA and the primary filter are dry

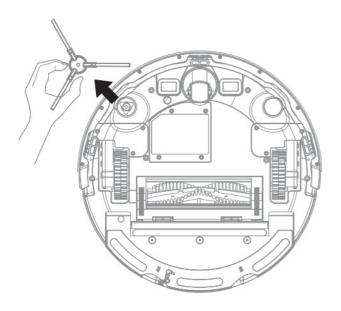
# Clean up the rolling brush

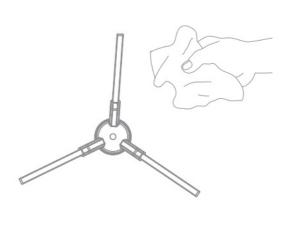


- 1. Open the roll-brush cover assembly
- 2. Remove the rolling brush

3. Clean up the roll brush with the tool

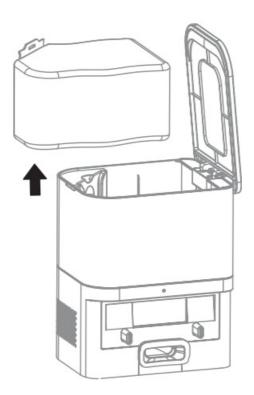
# Clean up the side brush





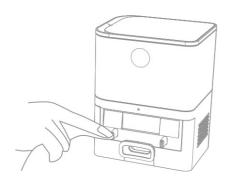
- 1. Take off the side brushes
- 2. Clean up the side brushes with the tool

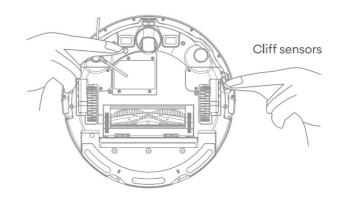
# **Dust collector maintenance**



• Remove the dust bag vertically and replace a new one.

# Clean up the sensor





- Clean up the charging plates.
- Ultrasonic sensor (optional)

# Frequency of maintenance

To achieve the best cleaning effect, clean and maintain the machine regularly according to the table below. Please decide the frequency of cleaning and maintenance according to the actual use habits.

Part/ component	Maintenance Frequency	Replacement Frequency
Dust collector	Once a week	Every 3 to 6 months
Sensors	Once a month	Every 6 to 12 months

# MAINBODY INDICATOR LIGHT /WI-FI INDICATOR

**Mainbody Indicator Light** 

Status	Clean button indicator	Recharge button indicator
Power On	Blue breathing	1
Firmware upgrade	Blue breathing	1
Charging	Blue breathing	I
Standby	Blue light On	1
Working	Blue light On	I
Charging is complete	Blue light On	I
Network Connection Succe ssful	Blue light On	I
Network Connection	Blue light On	1
Error	Red blinking	1
Low battery/recharging	1	Orange blinking

# Wi-Fi indicator

Status	indicator
Waiting to Connect	Slow blinking
Connecting	Fast blinking
Wi-Fi Connected	Lights on
Wi-Fi Disconnected	Lights off

# **Dust collector indicator**

Status	Indicator
Power On	Blue light on
Connecting	Blue light flashing
Charging	Blue light breathing
Error	Red light flashing

# **TROUBLESHOOTING**

Question	Possible causes and solutions
Can't boot	If the battery is low, please place the machine on dust collector for fully charge before u se. it. If the battery temperature is too low or too high, please use it at 0-40°C.
Unable to charge	If the base is not powered on, please check the indication light is on; if not, please check the power cord for both ends have been properly inserted;
	Poor contact, please clean the charging plates of the dust collector and the machine.
Slow charging	In high temperature or low temperature environment, the machine automatically reduce the charging speed in order to extend the battery life.
	The charging contact area may be dirty, please clean the area with a dry cloth.
	There are too many obstacles near the dust collector, please put the dust collector in o pen area;
Can't recharge	The machine is too far away from the dust collector, please put the machine near the dust collector and try again.
Abnormal behaviour	Please confirm whether the machine sensor is abnormal. If there is no abnormality, ple ase turn the machine off and turn it on again.
Abnormal sounds whe n cleaning	The rolling brush, side brush or the main wheel may be entangled with obstacles, pleas e stop and clean it. The universal wheel may be winding, it is recommended to take out the universal wheel for clean up.
Cleaning ability decre ases or ash dropping	The dust box is full or the filter has been blocked, please clean the dust box and filter; The rolling brush is wrapped by obstacles, please clean up the rolling brush.
	If Wi-Fi function is not activated, please reset Wi-Fi and try again;
Unable to connect Wi Fi	The Wi-Fi signal is not good, please ensure that the machine is in a good Wi-Fi signal c overage area;
	If Wi-Fi connection is abnormal, reset Wi-Fi and download the latest mobile phone version. Try to connect again;
	Wi-Fi suddenly lost the connection, suspected that the home router is malfunction, you can contact the customer service for help; the machine does not support the SG networ k. Please switch it to 2.4G Wi-Fi.
The robot is trapped a t work	The machine may be entangled or stuck by the scattered wires and drooping curtains on the ground. It is recommended to tidy up the room before cleaning;
	The machine may be stuck by similar height of furniture, can either raise the high of fur niture by adding some pad or block the furniture area for cleaning.

# **PARAMETER**

# Robotic vacuum cleaner

Battery cell	14.4V/3200mAh Lithium-ion battery
Power input	19V/0.6A
Charging time	About 4-5H
Frequency band	2412MHz-2472MHz
Max. radio-frequency power	18.5 dBm

#### **Dust collector**

- Power input 100V-130V Or 220-240VPower
- output 19V/0.7A

#### **FCC STATEMENT**

## **FCC Compliance Statement**

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.
- 2. This device must accept any interference received, including interference that may cause undesired operation.

## Warning

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

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

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

## **FCC Radiation Exposure Statement:**

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

# IC Warning:

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

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

#### **IC RF Statement:**

 When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

## **Customer Service**

English	support@ultenic.com
Deutsch	service-de@ultenic.com
Français	service-fr@ultenic.com
Espanol	service-es@ultenic.com
Italiano	service-it@ultenic.com
	service-jp@ultenic.com
Others	support@ultenic.com

## **QR Codes**



# www.ultenic.com

#### Made in China

- Manufacturer: Shenzhen Ultenic Technology Co., Ltd.
- Huizhou free dynamics intelligent technology limited (Authorized)
- Add: NO.86 hechang 7th west road zhongkai high-tech zong huizhou city guangdong china

#### EC/REP

- Opinle Trading GmbH
- Hans-Kohlmannstr. 8, 90425 Nürnberg
- support@ultenic.com

# UK/REP

- KOVA ASSOCIATES LTD
- 72a Kingston Road, Portsmouth, Hampshire, PO2 7PA, United Kingdom
- KOVA.Compliance@outlook.com

#### **Documents / Resources**



<u>ULTENIC T10 Lite Self Emptying Robot Vacuum and Mop</u> [pdf] User Manual T10 Lite Self Emptying Robot Vacuum and Mop, T10 Lite, Self Emptying Robot Vacuum and Mop, Emptying Robot Vacuum and Mop, Vacuum and Mop

#### References

User Manual

Manuals+, Privacy Policy

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