

Operation

Specified-area Cleaning

Use the mobile app to set the size and location of the area to be cleaned, and you can set one or more areas. The host will clean according to the set area. At the same time, in the zone cleaning function, you can also set cleaning restricted areas and virtual walls. The host can be prohibited from entering areas that do not need to be cleaned by setting restricted areas or virtual walls.

Tips: The functions of area cleaning, cleaning restricted areas and virtual walls can only be used after the map is built.

Selceted-area Cleaning

After the device cleans the whole house on the current map, the host will partition the scanned map environment according to the algorithm and the actual layout of the room. At the same time, users can name partitions, reset partitions, split and merge.

Tips: The selection area cleaning function can only be used after the construction of the map is completed.

No-disturb Mode

You can set the Do Not Disturb mode in the mobile app. During the do-not-disturb time period, the host does not respond to scheduled cleaning, intermittent scanning and active voice broadcast. The Do Not Disturb mode is enabled by default at the factory, and the default time period is from 22:00 in the evening to 8:00 in the morning. Do not disturb mode can be turned off through the App.

Scheduled Cleaning

Use the mobile app to set an appointment cleaning time. The host will automatically start cleaning at the specified time, and return to the cleaning dock to charge after cleaning.

Tips: If the Do Not Disturb mode is turned on, scheduled cleaning will not be performed during the Do Not Disturb time.

Breakpoint Resume

When the power is lower than 15% during cleaning, the host will automatically return to the dock for charging. When the battery is charged to 80%, the host will automatically return to the breakpoint to continue cleaning.

Sleeping

When the host is not charging, it will automatically enter the sleep state if it does not run or operate for more than 10 minutes. In the sleep state, the button and App can wake up the host.

Tip: The host does not go to sleep when it is on the dock.

Reset Wi-Fi

After changing the router or Wi-Fi password, you need to reset the Wi-Fi function. Please press and hold the button  and  for 5 seconds at the same time in the power-on state. Until you hear the prompt "Reset Wi-Fi, enter the network configuration", and the button  and  flash yellow at the same time, indicating that the Wi-Fi reset is successful. It can be reconnected.

Cleaning Settings

Enter the App, click Cleaning Preferences. The working mode, water volume, suction power and mopping strength can be adjusted according to the dirty conditions and needs of the ground.

Work Mode

Sweep&Mop

Sweep

Mop

Water Volume Adjustment

Closed

Low

Middle

High

Suction

Closed

ECO

Standard

Strong

Max

Land Strength

Slow

Normal

Fast

Operation

Dust Collection Function

The dust collection frequency can be set in the App. For a daily cleaner environment, it can be set to auto mode, and after the cleaning task is completed, it will return to the dock to automatically collect dust. For the daily environment with pets or a lot of garbage, it can be set to intelligent, and the dust will be automatically collected synchronously while back washing the mop. At the same time, the device supports one-key dust collection. Press and hold the  key for 3 seconds during the cleaning process of the host, and the host will automatically return to the dock to collect dust.

Tips: If the automatic dust collection function is turned off in the App, the dock will not perform automatic dust collection.

Child Lock Function

Child lock settings can be made in the App. After the child lock is turned on, the buttons on the host and the dock will be locked. It can only operate normally after the child lock is turned off.

Carpet Identification

Users can set cleaning strategies for floor trips in the App according to the actual situation of the family. In the self-adaptive mode, when the host recognizes the carpet during cleaning, it will automatically lift the mop, turn off the water outlet and increase the suction for cleaning. If you don't want the host to clean up, you can also set it to avoid mode. In this mode, the host will automatically bypass the carpet for cleaning.

Carpet Identification

Users can set different cleaning modes for different rooms in "Map Edit-Map Custom Edit-Custom Mode". When the custom mode in cleaning preferences is turned on, the machine will clean different rooms according to the customized settings.

Tip: When the custom mode in Cleaning Preferences is turned on, other settings in Cleaning Preferences will not take effect.

Mopping Pad Cleaning

During the process of vacuuming or mopping, the host will automatically return to the cleaning dock to wash the mop according to the set mop self-cleaning frequency. After the cleaning is completed, the host will automatically return to work at the breakpoint;

The host is on standby in the dock, short press the button  to clean the mop according to the set self-cleaning strength of the mop. After the cleaning is completed, it enters the standby state;

After vacuuming and mopping, the host will automatically return to the dock to clean the mopping pad according to the set self-cleaning strength of the mop. After the cleaning is completed, it enters the standby state.

Tips: Click on the mop self-cleaning in the app to set the mop self-cleaning frequency, mop self-cleaning intensity and mop drying.

Firmware Upgrade

The host firmware can be upgraded in the App. Before upgrading, please make sure that the network signal is good and connected. At the same time, the host is located on the dock and the power is greater than 50%.

Reset System

Short press the system reset button hole on the right side of the host, and the system will reset.

Reset

Please press  and  hold the button and for 15 seconds until you hear the beep "The device will restore the factory settings". Wait for a while to hear the prompt sound "restore factory settings successful", indicating that the host has been restored to the factory state.

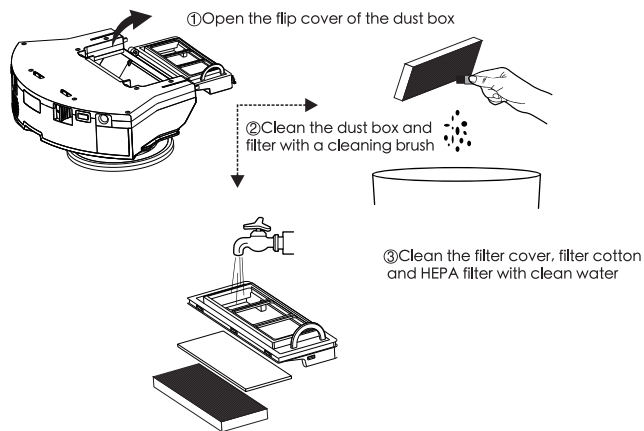
Product Maintenance

Maintenance and replacement of host			Maintenance and replacement of cleaning dock components		
Part	Maintenance frequency	Replacement frequency	Parts	Maintenance frequency	Replacement frequency
Dust box	Maintenance on demand	/	Clean water tank	Clean up every three months	/
Filter and filter cotton	Clean up once a week	2-3 months	Dirty water tank	Clean up after each use	/
Side brush	Clean up once a week	2-3 months	Dust bag	/	Replace when prompted
Main brush	Clean up once a week	4-6 months	Dock dust collection port	Clean up once a month	/
Universal wheel	Maintenance on demand	/	Cleaning tray and cleaning tank	Clean up once a week	/
Mopping pad	Maintenance on demand	2-3 months			
Host dust collection port	Clean up once a month	/			
Note: It is recommended to clean the host, cleaning dock sensor and charging pole piece once a month					

Product Maintenance

Water Tank Dust Box Assembly and Filter

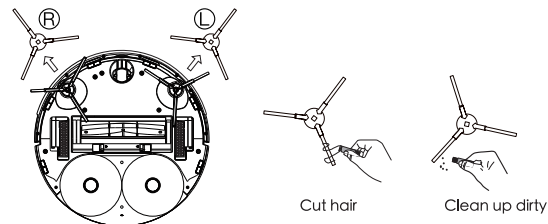
1. After a period of use, open the flip cover of the dust box. Remove the filter cover, filter cotton and HEPA filter and rinse them under the tap.
2. Shake off the water drops after cleaning. Blow dry or air dry the filter cover, filter cotton and HEPA filter.
3. Use the bristles of the cleaning brush to clean the stubborn stains inside the dust box and at the dust collection port of the air duct.
4. After the filter cover, filter cotton, and HEPA filter are completely dry, install the water tank dust box assembly in sequence. Then put it back on the host.



Tips:
There are many electronic components in the dust box assembly of the water tank. It is forbidden to clean the dust box assembly of the water tank, otherwise the equipment will be damaged.

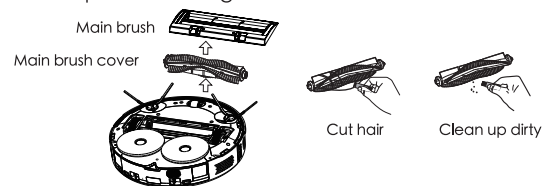
Side Brush

1. Turn the device over, pull out the left and right brushes vertically upwards.
2. Use a cleaning brush to cut off and clean the entangled hair and fibers on the side brush.
3. Correspond the left brush (L) and right brush (R) with the letters (L) and (R) on the bottom case respectively and press down to complete the installation.



Main Brush

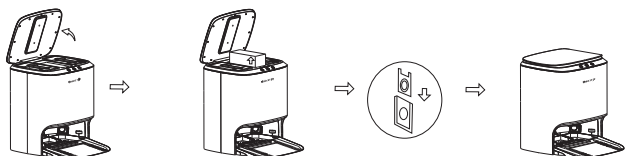
1. Turn the device over, press the buckles on the main brush covers on both sides to take out the main brush cover and the main brush.
2. Use a cleaning brush to cut off and clean the hair and fiber entangled on the main brush.
3. At the same time, use a cleaning brush to clean the dust in the main brush chamber.
4. Reinstall the main brush and the main brush cover, and make sure to press the fixing buckle of the main brush cover.



Product Maintenance

Replace The Dust Bag

1. Open the top cover of the dock when the voice and App prompts "The dust bag is full, please replace it". Pull up on the dust bag handle, remove the dust bag and discard.
2. Insert the new dust bag handle into the dock limit slot, and cover the dock cover.



Open the cleaning dock top cover.

Pull up the dust bag handle to remove the dust bag.

The dust bag mouth is inserted into the limiting slot of the cleaning dock.

Close the cleaning dock cover.

Tips:
When replacing the dust bag, if you find stubborn garbage at the dust collection port, please clean it with a cleaning brush before inserting the dust bag.

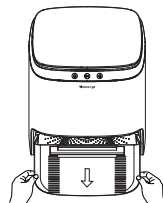
Cleaning Tray and Cleaning Tank

1. Move the host away from the cleaning dock and take out the cleaning tray.
2. Scrub the cleaning tray with the cleaning brush of the cleaning dock until it is clean.
3. Manually short press the button to clean the dock. At this time, clean water flows into the cleaning tank, short press again to stop water discharge. At this time, use the dock cleaning brush to scrub the dock cleaning tank and inner wall. Short press again and the dirty water is pumped into the dirty water tank.

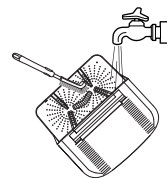
Tips:
1. It is forbidden to pour the garbage on the cleaning tray into the cleaning tank, otherwise it will be blocked.
2. If there are large particles accumulated in the cleaning tank during the cleaning process, please wipe them out with a rag. Avoid large particles blocking the water hole.

Clean The Cleaning Tray and Cleaning Tank

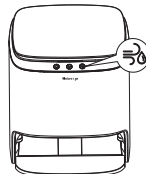
- ①Take out the cleaning tray.



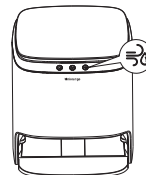
- ②Rinse fully and scrub the cleaning tray with a cleaning brush.



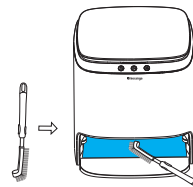
- ③Short press the key  to clean water flows into the cleaning tank.



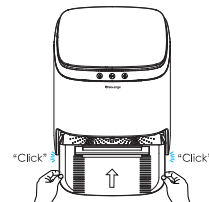
- ⑤Short press the key  to drain the dirty water in the cleaning tank.



- ④Use the cleaning brush of the dock to clean the cleaning tank.



- ⑥Reinstall the cleaning tray according to the diagram, making sure that both sides are in place.

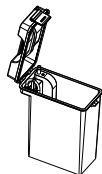


Product Maintenance

Clean / Dirty Water Tank

Clean water tank

① Take out the clean water tank, open the top cover of the water tank; and open the top cover of the water tank;

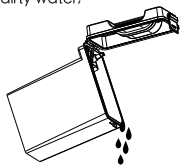


② Clean the inner wall of the water tank with the cleaning brush of the dock and rinse it with clean water before putting it back.



Dirty water tank

① Take out the dirty water tank, open the top cover of the water tank, and dump the dirty water;



② Clean the inner wall of the water tank with a dock cleaning brush and rinse it with clean water before putting it back.

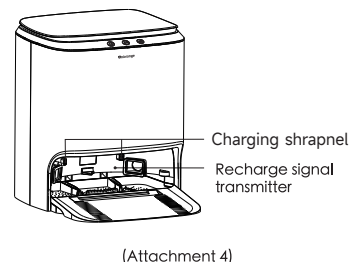
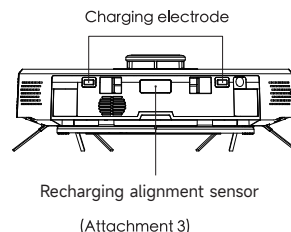
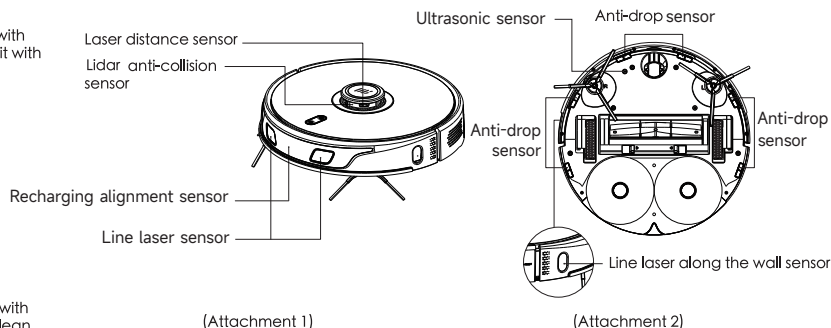


Tips:
The floats in clean and dirty water tanks are moving parts. Do not use too much force when cleaning, so as not to affect the function.

Sensors and Charging Electrodes

Wipe the sensors and charging electrodes on the device with soft dry gauze. Please shut down and power off before cleaning, including:

1. Six anti-drop sensors and ultrasonic sensors at the bottom of the host.
2. The sensor along the wall on the right side of the host and the recharge sensor on the left side.
3. The refill registration sensor and two line laser sensors directly in front of the host.
4. The recharging alignment sensor and two charging pole pieces at the end of the host.
5. Clean the recharging signal transmitter sensor and two charging shrapnel in the dock.



Battery

1. The host has a built-in high-performance rechargeable lithium-ion battery pack. In order to maintain battery performance, please keep the host charged in daily use.
2. If you will not use it for a long time, please turn it off and store it, and charge it at least once every three months. Avoid battery damage due to over-discharge.

Common Problems

Problems	Solutions
Unable to boot	1. The battery power is low, please use it after fully charging. 2. The ambient temperature is lower than 0°C or higher than 40°C. Please use it in the environment of 0°C–40°C.
Unable to start cleaning	The battery power is low (less than 20%), please use it after fully charging.
Unable to return to charge	1. The dock is not powered on. Please connect the power cord of the dock and confirm that the indicator light of the dock is on. 2. The host has not started cleaning from the dock, please move back to the dock to start cleaning. 3. There are many obstacles near the cleaning dock, please place the cleaning dock in an open area. 4. The main unit is too far away from the cleaning dock, please try to place the main unit near the cleaning dock or put it back to the dock manually. 5. The recharging line is blocked, such as the door is closed.
Unable to charge	1. The dock is not powered on. Please connect the power cord of the dock and confirm that the indicator light of the dock is on. 2. Make sure that there is enough space around the cleaning dock, and that there is no dust or obstructions on the surface of the cleaning dock and the host charging shrapnel. 3. Please check whether there is any foreign matter on the interface of the host and clean it up. 4. The battery has been over-discharged if it has not been used or charged for a long time, contact the after-sales service to replace the battery.
Abnormal behavior	Power off and on again.
Abnormal noise when cleaning	The main brush, side brush or left/right wheel may be wrapped with foreign matter, please clean it after stopping the device.
Decreased cleaning ability or ash falling	1. The dust box is full, please clean the dust box. 2. The filter screen is clogged, please clear or replace the filter screen. 3. The main brush is entangled by foreign matter, please clean the main brush. 4. The dust collection port of the dust box is blocked by foreign objects.
Unable to connect to App	1. The Wi-Fi password is wrong, please enter the correct Wi-Fi password. 2. The Wi-Fi signal is not good. Please ensure that the host and the dock are in a good Wi-Fi coverage area, and follow the instructions in the manual to reset the Wi-Fi before pairing. 3. Restart the Wi-Fi and download the latest version of the App to try to connect again.
The robot vacuum and mop cleaner is offline	The Wi-Fi signal is not good. Please ensure that the host and the dock are in a good Wi-Fi coverage area, and follow the instructions in the manual to reset the Wi-Fi before pairing.

Common Problems

Problems	Solutions
Unable to continue scanning	1. Please confirm that the host is not in the Do Not Disturb mode, and scanning will not continue in this mode. 2. Operate the recharge key of the host, operate the vacuuming and mopping function key of the cleaning dock, and operate the recharge key of the App.
Appointment cleaning not working	1. If the device is not connected to the Internet, the time cannot be synchronized, and the scheduled cleaning will not start. 2. Please make sure that the host is not in the Do Not Disturb mode, and scheduled cleaning cannot be performed in this mode. 3. If the battery is insufficient, the scheduled cleaning will only start when the remaining battery is $\geq 30\%$.
There is a lot of garbage left in the dust box after the host dust collection	1. When changing the dust bag, please check whether it is full of dust bag. 2. When sorting out and whether it is blocked, check the dust from the dust collection box at the outlet and the base of the dust collection station and the owner of the device. 3. Check whether the top cover of the dock is fastened and the sealing strip is reliable when collecting dust.
Can't clean the mop	1. The clean water tank is short of water or the dirty water tank is full, please add clean water or dump dirty water. 2. The cleaning tank is full, please clean the water hole of the cleaning tank. 3. The dirty water pump is faulty. Please manually press the pumping key of the cleaning tank of the dock to check whether the dirty water pump is working normally.

Troubleshooting

Fault Prompts	Solutions
Please put back the dust box and restart	The cleaning is triggered when the dust box is taken out, please put the dust box back.
Please turn off the child lock and try again	When the child lock is on, operate the host or the dock button, please turn off the child lock function in the App.
Please wipe the front wall detection sensor	If the front line laser anti-collision sensor is dirty or blocked, please wipe the window of the front line laser anti-collision sensor with a soft dry cloth.
Please wipe the sensor along the right side of the wall	If the sensor along the wall is dirty or blocked, please wipe the window of the sensor along the wall with a soft dry cloth.
Please wipe the cliff sensor and move to a new location to start	The cliff sensor is blocked or the host is suspended in the air, move the device to a flat ground and start it again. If the cliff sensor is too dirty, please wipe the window of the cliff sensor with a soft dry cloth to remove it.
Please clear the obstacles around the host and try again	The host is trapped, please clear the obstacles around the host and try again.
Please place the host on a level ground to start	The host is tilted, please move the host to a flat ground and start it again.
Please stay away from the restricted area before restarting	The host starts in the restricted area set by the App, please move the host away from the restricted area and start it again.
Please check if the bumper is stuck	The collision sensor is stuck, please push the collision plate left and right to remove the jam.
Please check if the main wheel is stuck	The main wheel is stuck or entangled, please check the main wheel and remove foreign objects.
Please check if the main brush is stuck	The main brush is entangled or stuck, please check the main brush and remove foreign objects.
Please check if the side brush is stuck	The side brush is entangled or stuck, check the side brush and remove foreign objects.
Please check if the mop is stuck	The mop is entangled or stuck, check the mop and remove foreign objects.
Please check if the lidar is stuck	The lidar is entangled or stuck, please check the lidar and remove foreign objects.
Please check if the lidar is blocked and move to a new location to start	The laser sensor is blocked or blocked by a foreign object, please remove the blocking object or foreign object. If it cannot be cleared, please move the main machine to a new location to start.
The top cover of the dock is not fastened, please check	Fasten the top cover of the dock.

Troubleshooting

Fault Prompts	Solutions
The lid of the lidar is squeezed, please check	The top lidar cover is squeezed by an obstacle, please remove the obstacle or move to a new location to start.
If you need to shut down, please move the host away from the cleaning dock	When the dock is cleaned and charged, it cannot be turned off. Please press and hold the power button to turn it off after moving away from the dock.
In the off-the-ground state, please put it back on the ground to start	The wheels are hanging in the air, please move to a new position to start.
The power is too low, please put the host back into the cleaning dock to charge	The battery is too low and the host cannot be started normally. Please put the host back into the cleaning dock for charging.
Dust bag not installed, please check	Please insert the dust bag of the dock and confirm that it is installed in place.
Clean water tank is not installed, please check	Please reinstall the clean water tank and make sure it is in place.
Dirty water tank is not installed, please check	Please reinstall the dirty water tank and confirm that it is in place.
The water in the clean water tank is insufficient, please add	Please check and replenish the clean water in the clean water tank.
The dirty water tank is full, please deal with it	Please check and clean the waste water from the dirty water tank.
Dust bag is full, please replace	Please check and replace the dust bag.
The cleaning tank is full, please clean up	1. When clearing up, please wash the clogged hole with water through the tank 2. Whether the abnormal work is pump water pollution check key water pumping tank cleaning station base press manual 3. Whether the water leak tank water station base is checked Note: If you cannot solve the problem, please contact after-sales customer service.
The cleaning tray is not installed, please check	Please clean up the cleaning tray and put it back to make sure it is in place.
The mop is not installed, please check	Please load the mop and confirm that it is in place.

Basic parameters

Host

Product name	Uniorange Intelligent Robot Vacuuming and Mop Cleaner
Product number	ROB-02A1AT
Host size	350×350×98mm
Rated power	60W
Rated voltage	14.4V ===
Charging voltage	20V ===
Battery capacity	5200mAh lithium battery
Host net weight	4.2kg
Wireless connection	2.4GHz:2400MHz~2483.5MHz 5GHz:5150MHz~5250MHz;5725MHz~5875MHz RF 433.92MHz

Cleaning dock

Dock model	ST-02A1AT
Rated input	100V-120V-50/60Hz
Rated input	20V === 2A
Charging input	20V === 0.9A
Cleaning mop input	14.4V ===
Hot air dry input	60W
Product size	490 × 410 × 480mm
Net weight of the dock	11.8kg
Dock fan vacuum suction	≥ 25KPa
Dust bag capacity	2 . 5L
Wireless connection	RF 433MHz

LIMITED WARRANTY

This limited warranty provided by the manufacturer does in no way affect a potential statutory warranty provided by law.

The Limited Warranty applies to purchases made from authorized retailers of uniorange Limited. Warranty coverage applies to the original owner and to the original product only and is not transferable.

Uniorange warrants that the unit shall be free from defects in material and workmanship for a period of one year (six (6) months in case of a Certified Refurbished product) from the date of purchase when it is used under normal household conditions and maintained according to the requirements outlined in this instruction manual, subject to the following conditions and exclusions.

REMEDY

If you request repair or replacement, please provide your proof of purchase.

1. The original unit and/or non-wearable components deemed defective, according to Uniorange' sole discretion, will be repaired or replaced for up to one year from the original purchase date.
2. In the rare event that a replacement unit is issued, the warranty coverage ends six (6) months following the receipt date of the replacement unit or the remainder of the existing warranty period, whichever is longer. If the unit is replaced, Uniorange reserves the right to replace the unit with one of equal or greater value.

EXCLUSION

Unless agreed in writing, the Limited Warranty will not apply to consequential and incidental damages and will not apply if the defect(s) relate to:

1. Consumable parts such as filters, dust bags, mops, or brushes etc, that are subject to normal wear and tear, and require regular maintenance and/or replacement to ensure the proper functioning of your unit.
2. Defects caused by rough or inappropriate handling or use, or damage caused by accident, misuse, neglect, fire, water, lightning or other acts of nature, external sources such as weather, electrical outages or power surges.
3. Improper operation or maintenance, use not in accordance with the product instructions or connection to an improper voltage supply.
4. Negligent use or care, neglect or careless operation or misuse of the product.
5. Accident, abuse, misapplication, or any unauthorized repair, modification or disassembly or opening of the product.
6. Any failure by buyer or a third party to comply with environmental and storage requirements for the product specified by Seller.
7. Any failure to adequately package the product for transportation.
8. If the battery has been short-circuited, if the seals of the battery enclosure or the cells are broken or show evidence of tampering, or if the battery has been used in equipment other than that for which it has been specified.

9. Use of parts not in accordance with the product instructions.
10. Use of parts and accessories other than those produced or recommended by Uniorange.
11. Use in a commercial environment, as the product is designed for residential use only.
12. Extreme or external causes beyond our reasonable control including but not limited to. breakdowns, fluctuations, or interruptions in electric power, ISP (Internet Service Provider) service, or wireless networks.
13. Weak and/or inconsistent wireless signal strength in your home.
14. Any product(s) purchased from unauthorized dealers/resellers.
15. Products used outside the country of purchase.
16. Free products, lost and/or stolen products.

DISCLAIMER

Uniorange is not responsible for damage arising from failure to follow instructions relating to the use of the Product(s). You are responsible for (a) proper use of our Product; (b) routine preventative maintenance and (c) following proper product handling recommendations provided in our instructions manual, quick start guide and on our website.

Uniorange and its suppliers' entire liability and your exclusive remedy shall be, at our option, either (i) repair the Product; (ii) replace the Product with a new or refurbished Product (replacement Product being of an identical model or a functional equivalent); or (iii) provide to you a refund of the price you paid for the Product (excluding taxes and shipping costs).

TO THE EXTENT PERMITTED BY APPLICABLE LAWS, UNIORANGE DOES NOT ASSUME ANY LIABILITY FOR LOSS OF OR DAMAGE TO OR CORRUPTION OF DATA, FOR ANY LOSS OF PROFIT, LOSS OF USE OF PRODUCTS OR FUNCTIONALITY, LOSS OF BUSINESS, LOSS OF CONTRACTS, LOSS OF REVENUES OR LOSS OF ANTICIPATED SAVINGS, INCREASED COSTS OR EXPENSES OR FOR ANY INDIRECT LOSS OR DAMAGE, CONSEQUENTIAL LOSS OR DAMAGE OR SPECIAL LOSS OR DAMAGE.

TO THE EXTENT PERMITTED BY APPLICABLE LAWS, UNIORANGE' LIABILITY WILL BE LIMITED TO THE PURCHASE VALUE OF THE PRODUCT. The above limitations will not apply in the case of gross negligence or intentional misconduct of Uniorange or in the case of death or personal injury resulting from Uniorange' proven negligence.

WARRANTY SERVICE

For Retailer Store Purchasing

If you wish to make a warranty claim, please contact your local distributor.

For Online Store Purchasing

please reach us by official channels