

# **WA7 WINDOW CLEANING ROBOT**

**PRODUCT MANUAL  
&WARRANTY CARD**



# Welcome to use

**Thank you for choosing**  
**WA7 window cleaning robot.**

**Please read this manual carefully before use to ensure your personal safety and effective work of the product.**

- |                                                  |                                           |
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# Product Introduction

## Water plug

## Functions of the Key

Short press it to Switch On/Off when the device is working, and recovery regular suction power when it is standby with small suction.

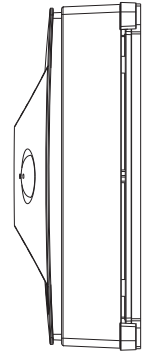
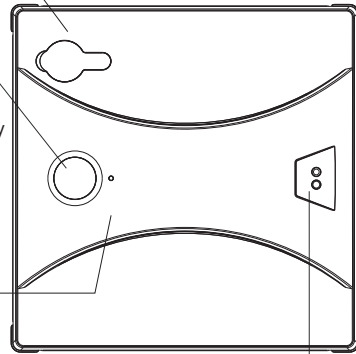
When the device is working, long press the key to turn to standby mode with small suction power. When the device is standby, long press the key to operate the track so that users can clean it.

## Status indicator

Blue lamp: Normal

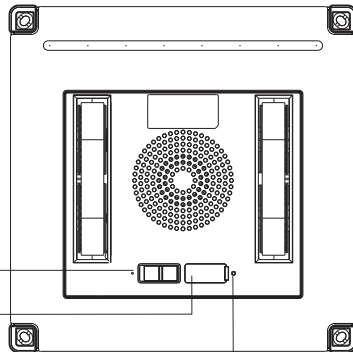
Red lamp blinks: Abnormal if the device is working

Red lamp: low power when device is standby.



Lateral side

Cable & Safety rope  
voice guide



Bottom

Power Switch

USB Port

Status indicator

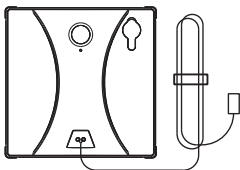
Drop sensor

Blue lamp: Normal

Red lamp blinks: Abnormal if the device is working

Red lamp: low power when device is standby.

# Parts List

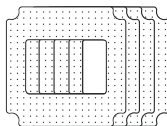


**Device with cable  
and safety rope**



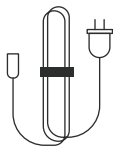
**Remote control**

1 set



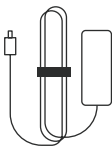
**Cleaning cloth**

2 pcs



**Charging plug**

1 set



**Power adapter**

1 set



**Operation  
Instructions**

1 copy

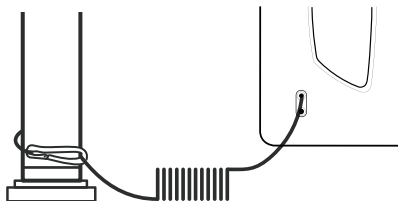


**Quick Start Guide**

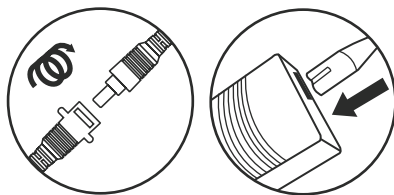
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# Installation Instructions

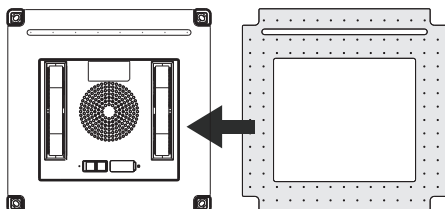
1. Please ensure that safety rope has been firmly fastened on a strong object.



2. Insert the frame extending line to the end of the adapter and tighten them.

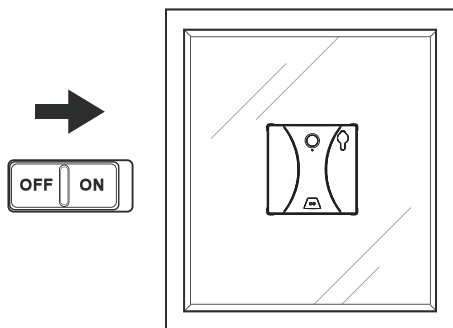


3. Stick the white surface of the cloth to the bottom of the machine and keep it flat to avoid air leakage.

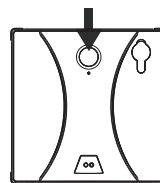


⚠ Be sure to use the original cloth, otherwise, the machine performance will be affected

5. Open the bottom main switch and place the machine in the center of the window (avoid getting too close to the frame). Make sure the machine is attached to the glass and release the hand.



6. Press the button to start the machine. When the machine finishes cleaning the window and stops working, hold the safety rope in one hand and press the round button until the Suction decreases. Put it on the glass again and the machine will automatically absorb it.



⚠ Please turn off the main switch at the bottom of the machine and unplug the power after use.

# Operation Instructions & Attentions

## Safety Rope

Inspect the safety rope, ensure there's no damage. Inspect that whether the fixed safety rope is toughly buckled to an object.

## Inspection of the Working Environment

Guarantee the class is dry. Don't use this product under the condition of rain, or when the glass is wet and has mist on it.

- ⚠ **Don't use this product on the surface of the damaged glass, or the glass has cracks on it.**
- ⚠ **When the product is working high above the ground at outside, it's necessary to set the ground safety warnings, which can avoid the personnel injuries caused by accident.**

## Cleaning

In case of the sand and dust on the surface of the glass, please clean them by drying cloth; otherwise, the wet cloth will mixing with the sand and dust, and scrap the glass. When there are no sand and dust, lightly spray 5-6 times of the clean water on the mop. Please don't make the mop all wet, and do not spray on the track. In standby mode, press and hold the round key for the track to rotate automatically, and wipe the dirt on the track surface with a clean wet cloth.

- ⚠ **Pay attention to the cloth should not be too wet, dirty cloth is recommended to clean and dry before use.**
- ⚠ **Please use original cloth, non-original cloth will affect the machine performance.**

## Get Started

1. Ensure the power line and plug are completely connected.
2. Turn on the bottom power switch, the product gets started. After the fan is running, attach the product to the location where is far away from the window frame.
3. Ensure the product is attached to the window, then move your hand.
4. Press the Start button and the product starts running.

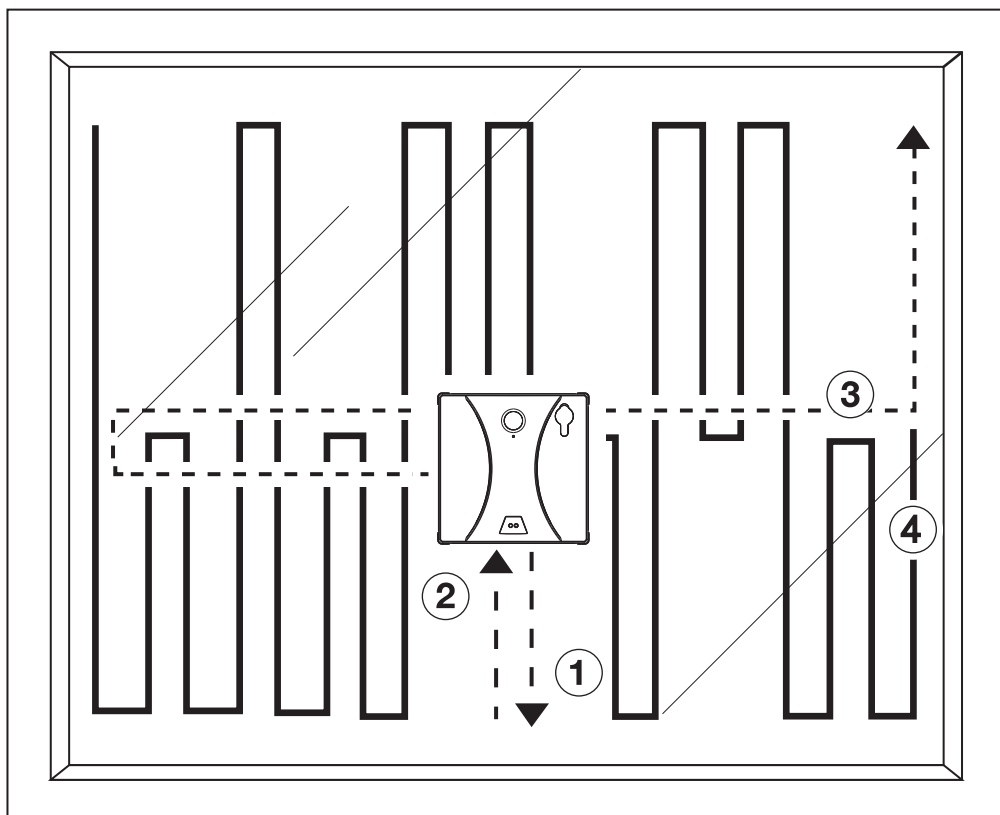
## Take Down the Product

1. When the machine finishes cleaning the window and stops working, hold the safety rope in one hand and press the round button until the suction decreases. Then take off the machine.
2. If your hand can't reach the product, please use the safety rope and pull it back. Pull the product from one side that close to the glass as possible, prevent it from dropping out. (In case of loss of remote control)
3. After completely take down the product, turn off the bottom power switch.

## Power-off Protection

This product is equipped with the internal battery, which can hold on the product for twenty minutes under the condition of power off due to by accident, and it will raise the audible and visual alarm. Please take down the product as soon as possible.

# Path Planning Instructions



## Clean Path One Time :

Please put the machine on central position of glass and launch it. After exploring downwards and towards to the left of glass boundary from current position, it will move to upper left corner and start to wipe from top-down N-shaped path. At each corner, please strictly follow the principle of “Firstly go forwards and then fallback” while applying both wiping-omission resistance and double-overlapping modes. Automatically return to starting position after cleaning.

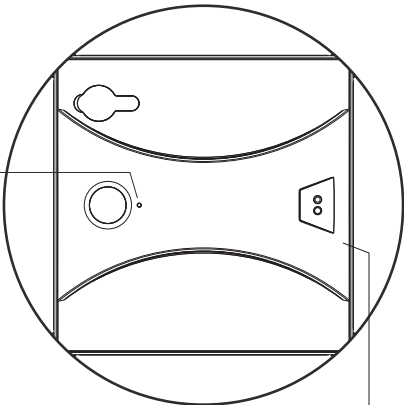
## Clean Path Two Times :

Continue to secondly wipe the zigzag from left to right after completion of wiped path in previous time. And automatically return to starting position after cleaning.

# Meanings of LED Indicator Lamp & Voice

## Status indicator

Blue lamp: Normal  
Red lamp blinks: Abnormal if the device is working  
Red lamp: low power when device is



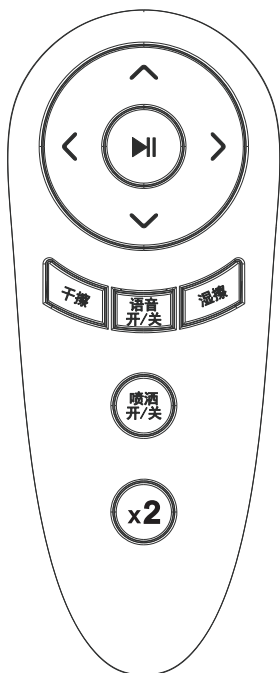
standby.

## LED Indicators and Definition :

| LED Light & Sound                                                        | Definition                                     | Solution                                                                                                       |
|--------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 3 Dripping Sounds                                                        | Cleaning Completed                             | Normal Audible Feedback                                                                                        |
| Red Light Flashes or Light on<br>+<br>Dripping Cycle                     | Not Plugged-in Power Source<br><br>Air Leakage | Check if power source has been well plugged in.<br>Check the power of built-in batteries<br>Check air leakage. |
| Blue Light with Dripping Sound<br>+<br>Red Light Repeated Flashing Cycle | Hardware Self-testing alarm                    | Please Contact with Customer service                                                                           |
| Machine movement abnormality                                             | Slippery                                       | Check if wiped surface has appeared excessive water spots or oil stains.                                       |

# Remote Control Instructions

\*To prevent misoperation , press pause key between instructions



**Pause/Continue**



**Move up to the end of the glass**



**Move down to the end of the glass**



**Move left to the end of the glass**



**Move right to the end of the glass**



**Sprayer On / Off**



**Clean twice (in N shape and Z shape)**



**Dry mopping**



**Voice guide On / Off**



**Wet mopping**

# Basic Parameters

|                                   |              |
|-----------------------------------|--------------|
| <b>Model</b>                      | WA7          |
| <b>Rated Voltage</b>              | 24V          |
| <b>Rated Power</b>                | 90W          |
| <b>Battery Capacity</b>           | 650mAh       |
| <b>Size</b>                       | 228*228*80mm |
| <b>Power-off adsorption time</b>  | 20min        |
| <b>Suitable for cleaning area</b> | 40*60cm      |
| <b>Volume of water tan</b>        | ml           |

## Trouble shooting

**1. When the status indicator flashes red with continuous short “dripping” sound, please check the following faults.**

Whether power cord plug appears loose or damaged, resulting in power failure or poor contact;

Whether glass or rag is too moist, causing extreme small friction;

Whether viscous object on glass has caused excessive friction of rag;

Whether cleaning cloth has been installed in place without leakage appearance;

Whether the machine has been put on uneven surface, causing leakage phenomenon;

Whether the suction port has been blocked

**2. When the status indicator flashes red and blue alternately with a warning sound, it will indicate that the machine stays abnormal.**

Please refer to “LED Indicators and Sound Definitions” for further disposal.

**3. If the machine does not smoothly move, please replace another clean rag.**

**4. If the machine completes entire window but fails to automatically stop moving, please press pause button to remove it.**

# Safety Precautions



## Operating Requirements

1. Carefully inspect the safety rope, ensure there's no damage on it. Use the safety rope to fix the product. When the product is working high above the ground, reserve warning marks on the ground.
2. Don't spray water on this product.
3. Don't use the product to the glass with cracks.
4. When you are cleaning the external surface of this product, turn it off. Avoid the personnel injuries caused by the running product.
5. Don't touch the rotating parts or openings of this product by your hand or any other place of your body.
6. When you are operating this product, please follow this manual. If you can't solve the troubles, contact the customer service directly. Don't repair this product without authorization, it may result in personnel injury.
7. It can only be used in the home environment.

## Battery and Charging

1. Don't use the charger from the third party, or remove the frame, battery and charger without authorization.
2. When the damage or crack occurring to this product, don't use it anymore and contact the customer service.
3. Keep the charger far away from the heating source.
4. If you want to transport this product, we recommend to use the original package and turn off the product.
5. In the case of this product will not be used in a long period of time, fully charging this product and turn it off. Store this product in a cool and dry place. This product shall be charged at least every three months, which can prevent the battery from out of service caused by storing in a too long period of time.

# FCC Statement

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.

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.

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