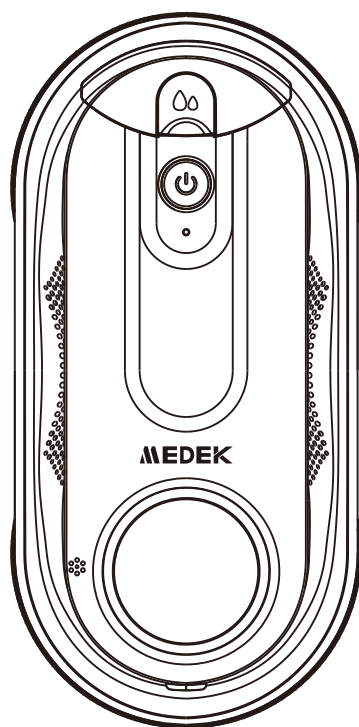




ULTRASONIC WATER SPRAY WINDOW CLEANING ROBOT

Model: MEDWIN
USER MANUAL



Before use, please watch this video carefully

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ENGLISH

Thank you for choosing our windows cleaner. Before using the appliance, and to ensure the best use, read these instructions carefully.

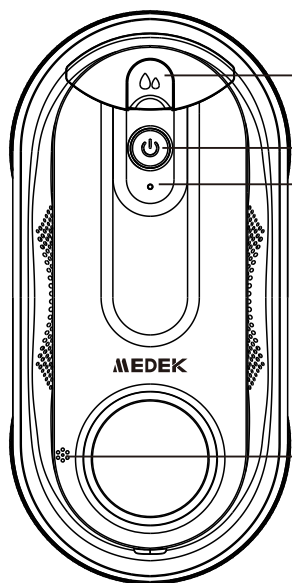
The safety precautions enclosed herein reduce the risk of death, injury and electrical shock when correctly adhered to. Keep the manual in a safe place for future reference, along with the completed warranty card, purchase receipt and package. If applicable, pass these instructions on to the next owner of the appliance. Always follow basic safety precautions and accident prevention measures when using an electrical appliance. We assume no liability for customer failing to comply with these requirements.

IMPORTANT SAFEGUARDS

When using any electrical appliance basic safety precautions should always be observed

- Inspect the safety cable carefully, ensure there's no damage on it and that it is toughly buckled to an object.
- When the product is working high above the ground, reserve warning marks on the ground.
- Don't spray water into this product and don't use this product on glass with cracks.
- When you are cleaning the external surface of this product, turn it off. Avoid the personal injuries caused by the running product.
- Don't touch the rotating parts or openings of this product with your hand or any other part of your body.
- When you are operating this product please follow the instructions in 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 personal injury.
- It can only be used in the home environment.
- Don't use a charger from a third party, or remove the frame, battery and charger without authorization.
- When a damage or crack occurs to this product, don't use it anymore and contact the customer service.
- Keep the charger far away from heating sources.
- If you want to transport this product, we recommend to use the original package and turn off the product.
- If you are not going to use this product for a long period of time, fully charge the battery and turn it off. Charge the battery at least every 3 months to prevent battery failure due to over-discharge.
- Standby power consumption in off mode is less than 0.5w.
- This portable appliance is a high energy consumption product, and must shut off the power switch after use.
- The appliance has to be unplugged after use and before carrying out user maintenance on the appliance. This appliance contains batteries that are non-replaceable.
- This appliance can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- The appliance has not been left unattended while it is connected to the supply mains
- The appliance is not to be used if it has been dropped, if there are visible signs of damage or if it is leaking.
- Keep the appliance out of reach of children when it is energized or cooling down.
- The appliance is only to be used with the unit < GM70-240300-D> provided.
- **WARNING:** For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance.
- The liquid or steam must not be directed towards equipment containing electrical components.
- The appliance has to be unplugged after use and before carrying out user maintenance on the appliance.
- This appliance contains batteries that are non-replaceable.

PARTS LIST



Water tank cover

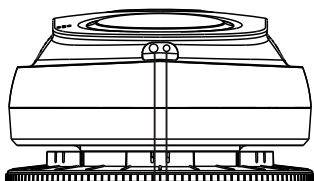
ON/OFF/Pause Button

Press and hold for 3 seconds: Switch on/off
Short press: start/continue/pause

Status Indicator

Buzzer

Sideview



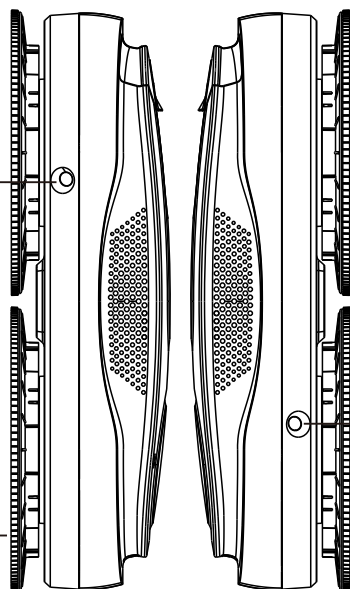
Power Cord Hole

Cord installed Port

Nozzle

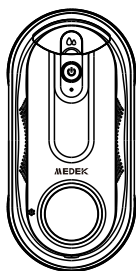
Mop Holder

(normally not disassembled, directly install the mop is ok)

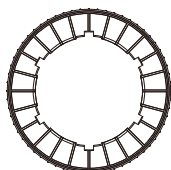


Nozzle

CONTENT OF THE BOX



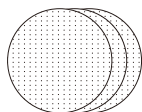
Window Cleaning
Robot x1



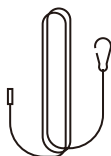
Mop Holder x2
(installed)



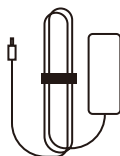
Remote Control x1



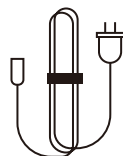
Mops x6



Safety Cable x1



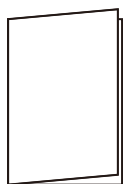
Adapter x1



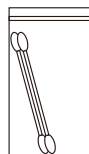
AC wire x1



Water Bottle x1



User Manual x1



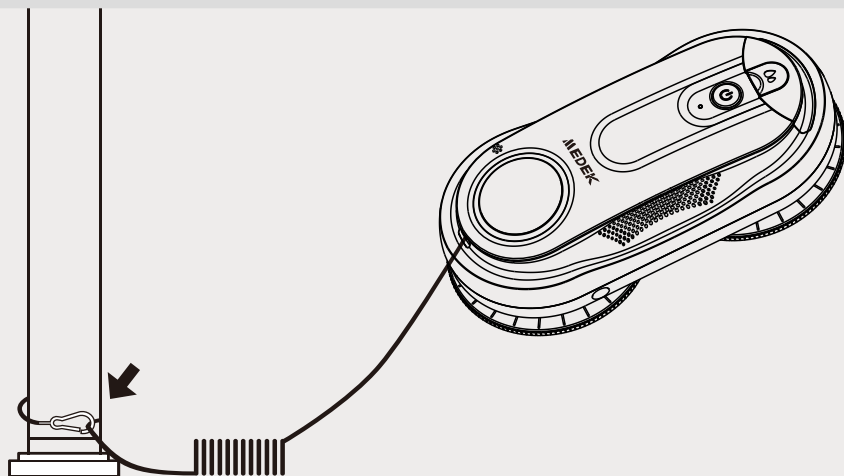
Cotton Swab x 2



Battery x 2

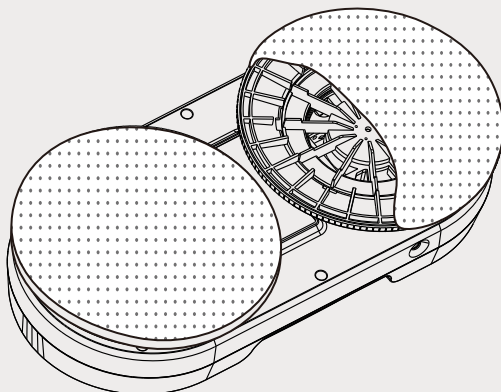
INSTALLATION INTRUCTIONS

Ensure the knob of the safety cable is fully tightened to the frame. The length of the safety cable must be shorter than the distance to the floor to prevent damage from falling. When working at height outdoors, set up ground safety warning signs to avoid accidental injury.



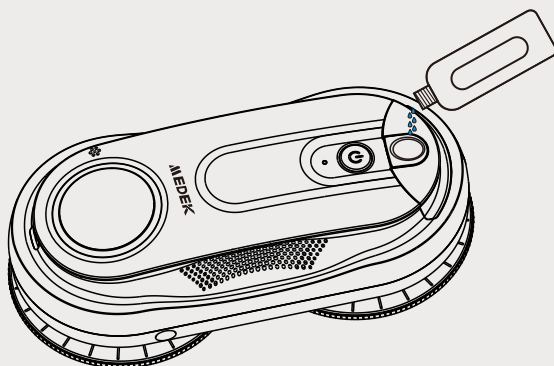
Cover each mop holder with a mop.

If there are sand and dust on the glass surface, it is recommended to clean it manually first to avoid scratching the glass when the robot is working. If manual cleaning is not possible, it is recommended to turn off the water spray function and use dry mops to wipe off the sand and dust first.



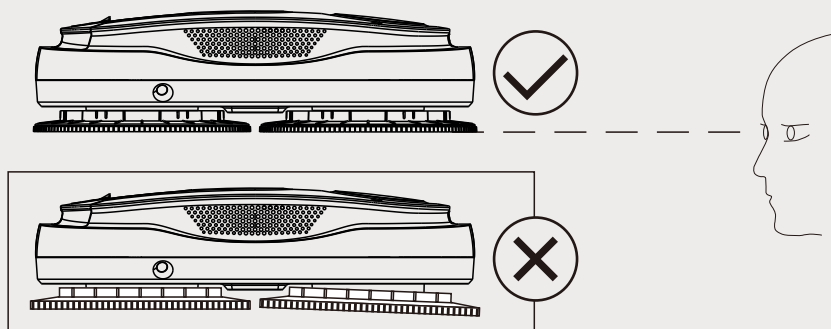
Fill the water tank and cover with the plug

⚠ This product cannot be drenched, dry the surface residual moisture after filling with water. Using concentrated cleaning liquid in this product is strictly prohibited, so as not to block the spray hole and pump.

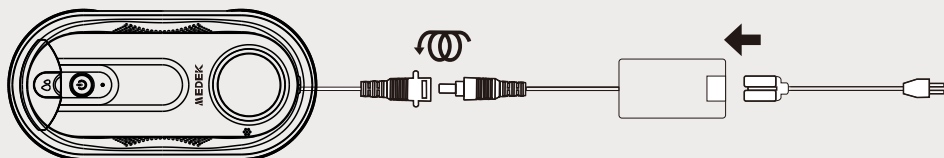


Please make sure the Mop Holder is installed in proper position before use

After the holder is installed, please observe from sideways 360° to ensure that each snap is stuck in place to avoid air leakage.

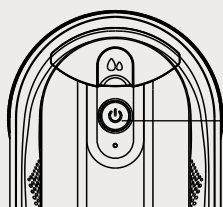


Insert the windows cleaner power cord into the end of the adapter and tighten them. Connect the two ends of the AC wire to the adapter and the socket respectively.



Long-press the power button (more than 3 seconds), and the robot will turn on. After the fan is running, attach the robot on the glass at a location far away from the window frame.

If the robot can't suck on glass, please check whether the holder has buckled up to cause air leakage.



Power/Start button

If the robot doesn't spray when there is enough water in the water tank, please clean the nozzle surface with a cotton swab.

If the robot fails to spray, please try:

A. Wipe the nozzle surface with a cotton swab

B. Test the spray function--Restart the robot, and hold it in hand (top cover up & bottom down) instead of putting on the glass or table. Then press the "small water spray" key of the remote without loosing, to test the left nozzle. And press the "strong water spray" key of the remote without loosing to test the right nozzle



INSTRUCTION AND CAUTIONS



Safety Rope

Check whether the safety rope is intact and is on a stable object.



Working Environment Inspection

Ensure the glass surface is dry, please do not use it when it is raining or when the glass surface is foggy.

Do not use on broken and cracked glass.

If outside working at height is required, ground safety warnings must be set up to prevent accidental personal injury.

The robot cannot be used when there are stickers or oil on the glass surface, to avoid robot slipping and falling from glass.



Wet and Dry Wipe

If there are sand and dust on the glass surface, it is recommended to clean it manually first to avoid scratching the glass when the robot is working. If manual cleaning is not possible, it is recommended to turn off the water spray function and use dry mops to wipe off the sand and dust first.

If there are only dirt stains, it can be wiped directly with the water spray (default turn on water spray).

If there is slipping and twisting when the robot climbing, please install a dry wipe and turn on the water spray.

If there are small areas of stubborn stains, you can use "spot cleaning" and turn on the water spray.

If the robot has serious shaking or rattling, please install a dry wipe cloth.

• WARNING

Do not spray water manually on the glass. Excessive moisture may cause the robot to lose suction and fall.

The liquid or steam must not be directed towards equipment containing electrical components.



Start

- ① Ensure the power cord and plug are completely connected.
- ② Long press the Start /Power button (more than 3 seconds) the robot will turn on. After the fan is running, attach the robot on the glass to a location far away from the window frame.
- ③ Ensure the robot has been stuck to the glass and then let go.
- ④ Short press the power button to start the robot.



Remove Robot from Glass

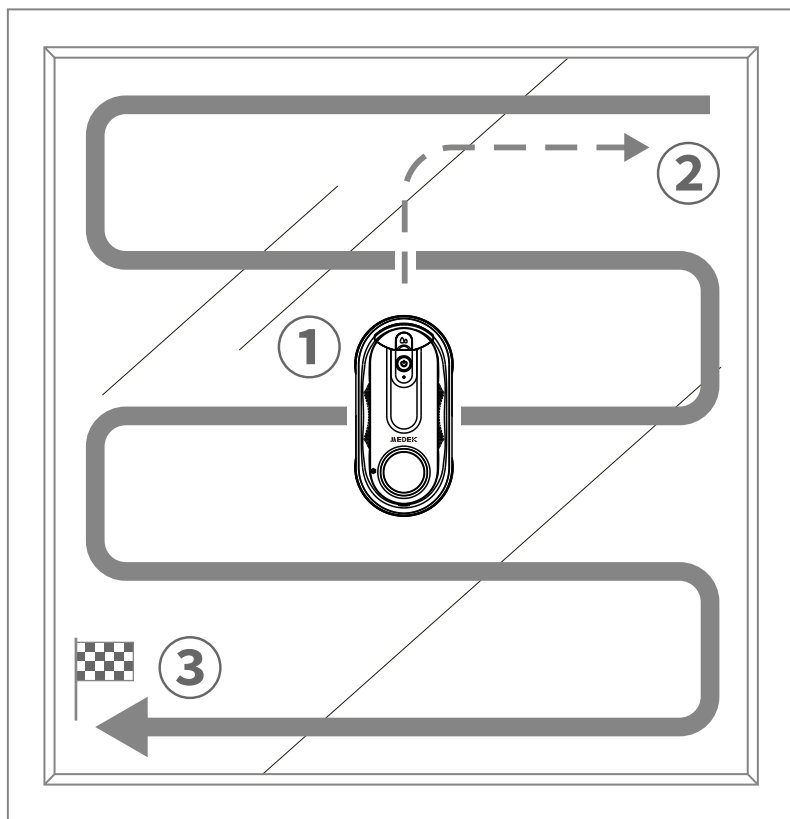
- ① When the robot is running, hold the safety cable with one hand, short press to stop the robot and take it down with the other hand.
- ② If you cannot reach the robot, and do not have the remote control on hand, please stay close to the glass to drag the safety rope, and slowly pull the robot back to the location reachable by hand, then remove the robot from the glass after powering off.
- ③ After completely taking down the robot, long-press the power button (more than 3 seconds) to turn it off.



Power Outage Protection

- ① This robot is equipped with an internal battery, which can hold on the robot for twenty minutes in case the robot is accidentally removed from the power cord and it will raise an audible and visual alarm. Please take down the robot as soon as possible.
- ② When the light indicator is red before turning on the device, it means the internal battery is too low to start the robot. Please, keep the robot connected to the electricity to charge it until the red lamp is off.

PATH PLANNING



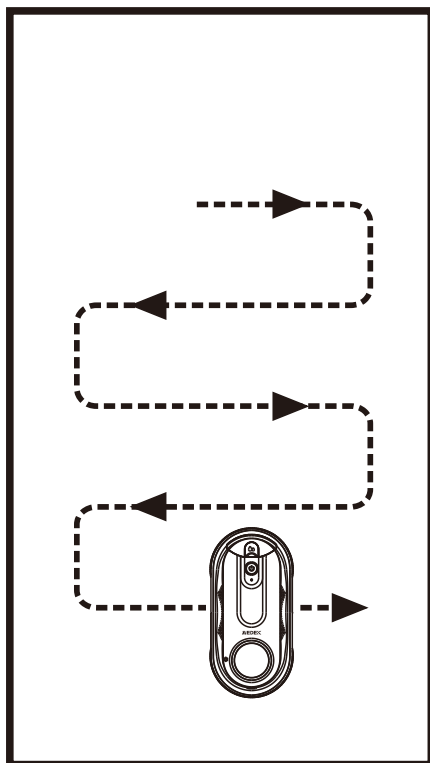
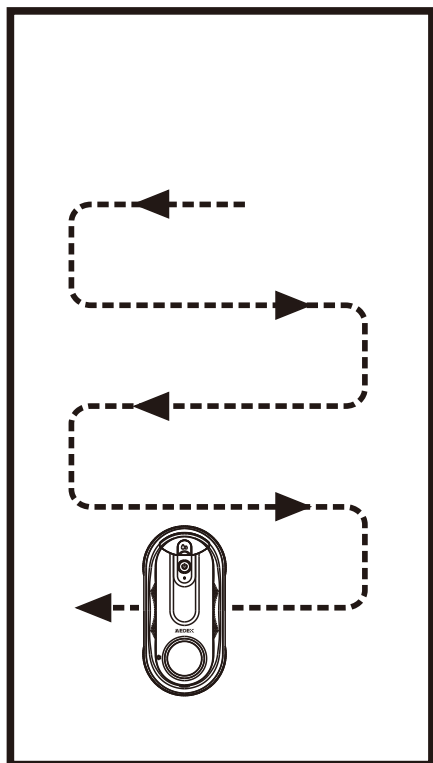
- ① Put the windows cleaner in the centre of the glass far away from the window frame. Long press the Power/Start button to turn the robot on, and then short press the button to start it. The robot will automatically move upward, then move right. At last, it will reach the top right corner of the glass. (Tips: It is recommended to spray a little water on the mops in advance)
- ② After the robot has reached the top right corner; it will start to clean the glass by drawing an S-shaped curve from top to bottom. If the robot's water spray function is turned on, when the robot works forward to the right, the right nozzle sprays water and the left nozzle does not spray water. When the robot works forward to the left, the left nozzle spray water, and the right nozzle does not spray water.

If the robot fails to spray, please try:

A. Wipe the nozzle surface with a cotton swab

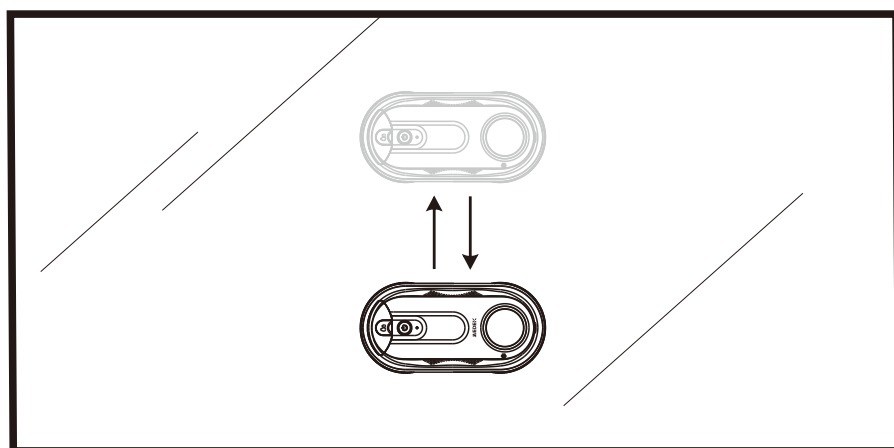
B. Test the spray function--Restart the robot, and hold it in hand (top cover up & bottom down) instead of putting on the glass or table. Then press the "small water spray" key of the remote without loosing, to test the left nozzle. And press the "strong water spray" key of the remote without loosing to test the right nozzle

- ③ After completing the cleaning, the robot will stop at the lower-left or right corner according to the glass shape.



Clean left area and lower area

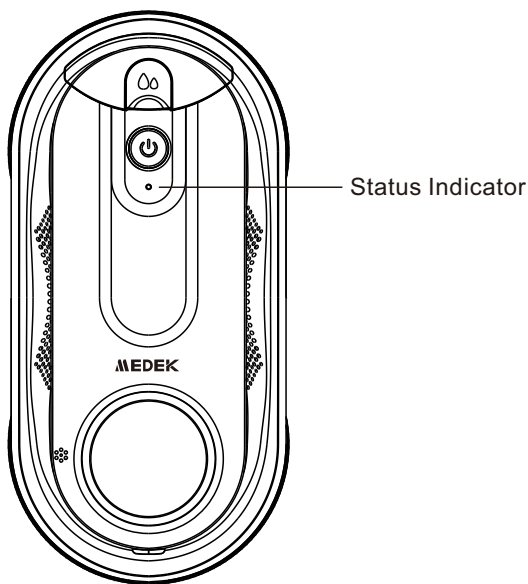
Clean right area and lower area



Spot Wiping:

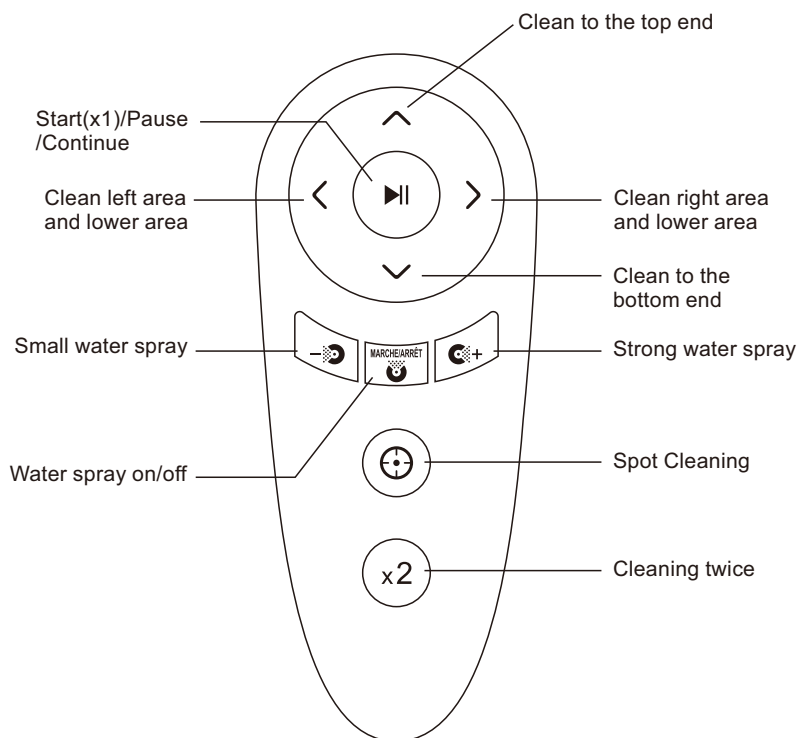
In the user specified area range, the robot will start up and down cleaning at Spot Cleaning.

—MEANINGS OF LED INDICATOR LAMP AND VOICE —



	Indication	Meaning
Working status Indication(when working on the glass)	Green Light	Working normal.
	Green Light + 6 Long Beep	Window cleaning is complete.
	red light flashing	***The robot is disconnected==> Please connect the power supply or remove the robot from glass. ***Insufficient suction power==> Please remove the robot from the current position, or check if the robot is air leaking. ***Friction with the glass is too large or too small==> Please replace the wipe cloth accordingly, or spray a little water on the glass.
	Red and Green Alternation	Something goes wrong. Please turn off the robot,and unplug the cable a few minutes. After that, re-connect the power and turn on the robot. If it still cannot work, please contact with the aftersales for help.
Power indication (when connected with power, but robot is turned off)	Green light flashing	Internal battery is charging.
	Green light	Internal battery is fully charged.

REMOTE CONTROL



WATER TANK MAINTENANCE

- ① Please Ensure water or solution do not spill out of the water tank. If accidentally spilled, please dry immediately to avoid causing water damage to the robot.
- ② When the robot is not in use, please Ensure there is no residual liquid in the water tank. If you use solution for cleaning, it is recommended to pour out the solution and then fill with a little fresh water to clean the water tank, and do not left any water in the tank.



Ensure there is not impurities in the added solution to avoid blocking the nozzle and pump.

PARAMETERS

Specifications

Model:	MEDWIN
Adapter input voltage:	100-240VAC~ 50/60 Hz 2.5A
Adapter output voltage:	24 V ~ 3 A
Power:	72 W
Robot:	24 VDC,3A, 72W
Rechargeable battery:	Li-ion 14,8 Vd.c.600 mAh 8.88 Wh 4IMR14/50
Charging time:	Approximately 2 hours
AC power cable length:	1.2 m
DC power cable length:	0.4 m (power cable attached to the machine)+ adapter cable 4.6 m
Safety rope length:	5 m
Water tank capacity:	65 ml
Minimum cleaning area:	30x30 cm
Maximum cleaning area:	5x5 m
Working noise:	<75 dB
Water spray drive:	Ultrasonic
Weight:	1.1 kg
Dimensions (LxWx H):	288*139*79mm

Remote control

Battery:	2 x1.5 V AAA batteries (included)
Operating range:	20 m
Operation frequency:	2450MHz
Maximum transmitted power:	-26.24dBm

1. Battery type for remote control: 2 x 1.5 V AAA batteries
2. How to insert/remove batteries: Follow the polarity marking inside the battery compartment.
3. Non-rechargeable batteries are not to be recharged.
4. Do not mix different types of batteries or new and used batteries.
5. Exhausted batteries must be removed from the appliance and safely disposed of.
6. Do not short-circuit the battery terminals.
7. If the appliance is to be stored unused for a long period, the batteries are removed.



AC adapter

Information published	Value and precision	Unit
Model identifier	GM70-240300-D	-
Input voltage	100-240	V
Input AC frequency	50/60	Hz
Output voltage	24.0	V
Output current	3.0	A
Output power	72.0	W
Average active efficiency	88.0	%
Efficiency at low load (10 %)	88.0	%
No-load power consumption	0.21	W

TROUBLESHOOTING

- ① When the error indicator is flashing red with continuous and short sounds, please inspect if:
 - The plug of the power cord is loosened or damaged and results in power off or poor contact.
 - The glass or mop is too wet and results in too low friction.
 - The glass has impurities attached and results in too high friction.
 - The mop holder is incorrectly installed and results in air leakage.
 - The glass surface has sticky objects causing too much friction on the wipe
 - The suction port is blocked.
- ② The error indicator is flashing red and green alternately with alarming sound. It means trouble occurs on the inside hardware of the robot, please contact the customer service directly.

On the condition of special glass, when cleaning the bottom of glass, it needs more time for cleaning up, please use remote control.
- ③ In the case of the robot can't walk freely, please change the mop or inspect the screws on the cleaning roller, ensure they are not loosened.
- ④ If the robot mop holder shakes too strong when the robot is working, please check if the wipe cloth is too wet, and replace with a dry cloth.
- ⑤ There will be a little delayed water spraying when the robot start to work, this is a normal phenomenon.
- ⑥ After cleaning, there's residual round marks on the glass surface, please change a new mop.
- ⑦ After completing the whole process of cleaning, the robot continues to move and doesn't stop automatically, press the Pause Button and take it down.
- ⑧ When it is in use, maybe bug occurs occasionally, please restart the robot as the solution.
- ⑨ If there is a downward sliding when the robot is working, please inspect if:
 - The cloth is too wet or too dirty.
 - The robot cannot resume work after a while, replace it with a dry and clean wipe cloth.
 - The cloth is too dry to cause slips, turn on the water spray function to moisten the wipe cloth, then the robot can resume work.
- ⑩ Cause of Air Leakage, please inspect if:
 - The mop holder is installed correctly.
 - The wipe cloth installation for flatness.
 - The surface of the glass or other targeted surface are curved or covered with an uneven-surfaces such as stickers.
 - The robot goes to the window frame, the mop holder will be warped to produce a wide range of air leakage.



Usage requirements:

- ① Make sure the safety rope is not broken, and fixed in an immovable object when use the robot. When need to work at height outside, you must set up a ground safety warning to prevent falling accidental personal injury.
- ② Do not drenched with water. Do not use in the rain or glass humid and foggy.
- ③ Do not use on cracked and broken glass, confirm that the window area is larger than 30*30cm (height) before use, Please check if the glass with super narrow frame, beveled frame, beveled glass, no frame or glass glue with uneven, raised, leaking seams, gaps and other abnormal situation, use the remote control to control the robot if necessary.

* Not recommended or need to be guarded to use on above situation, abnormal used environment may cause a fall.

- ④ Be sure to turn off the robot when cleaning the surface of the robot to avoid danger during the movement of the robot.
- ⑤ Please place the robot and accessories out of the reach of children and forbid children to operate this product. When the robot is working, it is strictly prohibited for fingers and any part of the body to touch this product.
- ⑥ Please use this product following the instructions, please contact customer service if you can not troubleshoot. Do not repair by yourself to avoid danger.
- ⑦ Only for 32°F~108°F (0°C ~ 40°C) home environment temperature, when the temperature is lower, it is recommended to use anti-freeze glass water.
- ⑧ The storage environment should be dry, avoid direct light, please do not store the robot with oil, gas, flammable items.



Battery&Charging:

- ① Do not use third-party adapter and do not disassemble and modify the robot, battery and adapter.
- ② Do not continue to use the charger if it is damaged or broken, please contact customer service.
- ③ Place the adapter away from heat sources.
- ④ If the product is to be shipped, it is recommended that in its original packaging with the robot turned off.
- ⑤ If you do not use the product for a long time, please fully charge and shut down the robot and placed in a cool, dry place. At least every 3 months to charge once to avoid the battery over discharge and shortage the battery lifetime.
- ⑥ Charge only with the supplied adapter (Model: GM70-240300-D). Do not charge in high-temperature environments (exceeding 40°C/108°F). Unplug the adapter immediately after charging is complete.

WARRANTY

MEDWIN Dual Direction Water Spray Window Cleaning Robot

Parts	Warranty content	Period of Warranty
Robot	Robot	1Year
Accessory	Motor / Fan / Charging Adapter / Built-in Li Battery / Remote Control	1Year
Consumables	Wipes / Spray Can	/

No warranty on consumable accessories!

Products need to be transported in original boxes to ensure the product safety. It is recommended to keep the boxes for at least 30 days after receiving!

Non-Warranty Claim

- ① Unauthorized repair, misuse, collision, negligence, abuse, fluid ingress, accident, alteration, etc.
- ② Incorrect use of Non-Standard accessories or tearing, alteration of labels or Anti-counterfeit labels.
- ③ Exceed the Warranty service period.
- ④ Non-compliance with performance failures.
- ⑤ Because of human causes of this product failure and accessories damage.
- ⑥ Damage caused by force majeure.
- ⑦ No valid purchase date record.

FAULT LIST

Parts	Fault contents
Robot	Can't start when the power is on The remote control can't be controlled
Adapter	Cannot properly power the robot



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.



The device complies with the European Directives 2014/35/EU and 2014/30/EU.



Worn out and dead batteries must be discarded in specially marked containers, delivered to special waste collection points or to electronic equipment vendors.

Disposing of your old unit

SEPARATE COLLECTIONS FOR ELECTRONIC AND ELECTRICAL DEVICES



WHAT SHOULD I DO WITH MY WASTE?

Please dispose of your waste in accordance with the following regulations to reduce your purchase's impact on the environment.

You are legally responsible for separating the waste associated with this product - including any accessories, instructions and packaging - in order for it to be recycled.

Electrical or electronic devices must not be sorted or recycled with other household waste. Never leave used products and packaging materials within the reach of children, as they pose risks.

Please retain any instructions throughout the unit's service life and include this documentation with the unit, should it ever be passed on to third party.

FRANCE ONLY:

With regard to the packaging and instructions, please refer to the recycling instructions indicated on the main packaging and the advice available on the following website: www.consignesdetri.fr

For product-specific guidance, please refer to the instructions provided on the following website: www.quefairedemesdechets.fr

If you do not have internet access, please contact your local authority for advice on how to sort and recycle your waste.

OTHER COUNTRIES:

Please contact your local authority to find out more about your nearest recycling centres, and the sorting and recycling methods for the packaging, leaflet(s) and even the product itself.

GUARANTEE CONDITIONS:

This product is guaranteed for a period of 2 years from the date of purchase* against any non-conformity resulting from a manufacturing or material defect. This guarantee does not cover any defects or damage resulting from the improper installation, incorrect use or abnormal wear and tear of the product.

*upon presenting the sales receipt.

This product contains a non-replaceable rechargeable Li-ion battery. Please recycle the battery in accordance with local environmental regulations and do not dispose of it with household waste.

Compliant with EU Directives: 2014/35/EU, 2014/30/EU, 2011/65/EU, 2014/53/EU, (EU) 2023/826, (EU) 2023/1542; Harmonised Standards: EN 50564:2011, EN IEC 63000:2018, EN 301 489-1 V2.2.3:2019, EN 301 489-3 V2.3.2:2023, EN 300 440 V2.1.1:2017, EN 50663:2017, EN IEC 55014-1:2021, EN IEC 55014-2:2021, EN IEC 61000-3-2:2019 +A1:2021+A2:2024, IEC 62321-5:2013, IEC 62321-4:2013+A1:2017

Battery Type	Rechargeable Li-ion Battery
Battery capacity	600mAh (Rechargeable Li-ion)
Standby Power Consumption	<0.5W; Off-mode Power Consumption: NA (Compliant with (EU) 2023/826)
Operating Temperature	32°F~108°F (0°C~40°C); Do not use in extreme cold/hot environments to avoid streaks or device failure

Charging only with the supplied adapter (Model: GM70-240300-D). Do not charge in high temperature environment. Unplug the adapter after charging.

This device complies with the requirements of European Commission Regulation (EU) 2023/826 on standby energy consumption. This equipment power management function is inappropriate as for the intended use.

Power consumption in off mode	NA
Power consumption in standby mode	0.5 W

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