



JT- Innovation (Guangdong) Intelligent Technology Co., Ltd.

Headquarters of the Company:
22/F, Block 13, Tianan Center, No.31 Jihua East Road, Guicheng Street, Nanhai District, Foshan

Production Base:
First Floor, Building F, Nanhai New Economy Industry Center, Guicheng Street, Nanhai District, Foshan City

R&D Center:
A401, Comprehensive Building, Industrialization Base, Virtual University Park, Nanshan District, Shenzhen



XG 1st Luxury User Manuals

01

Safety Instruction

Operation prerequisites	01
Before turning on the sweeper	02
During the use of the sweeper	02
After finishing the cleaning task	02
Description of abnormal working scenarios	03
Sweeper storage instructions	04
Note of caution	04

02

Product Overview

Product description	05
Product list	05
Core selling points	06
Application scenarios	07
XG 1st Luxury product parameters	07-08

03

Operating Instructions

Operating instructions	08
Before turning on the sweeper	02

Sweeper appearance introduction	09-12
Emergency stop switch	13
Sweeper interface description	13
Interface in the control box	14
Power switch (sweeper powered on)	14
Unclamping shaft jack	15
Other interface descriptions	15

04

Remote Control Instructions

Remote control appearance introduction	16-17
Before turning on the controller	17
Remote control symbols/default settings	18
Remote control (auto mode) toggle function	19
Remote control of sweeper movement	19
Remote control battery charging instructions	20-21
Mobile app to control the sweeper	22

05

Charging

Introduction of charger	23
Charging notes	23
Charger charging process	24
Manual charging process	25


	Charger switch description	26
<hr/>		
06	Dumping of Garbage	
	Dumping process	26-27
<hr/>		
07	Maintenance Recommendations	
	Maintenance recommendations	28
	Maintenance matters	28
<hr/>		
08	Daily Maintenance	
	Daily maintenance and sweepere	29
	Weekly maintenance and servicing	29
	Consumables description	29
<hr/>		
09	Battery Maintenance	30

10	Troubleshooting	
	The map is not clear	30-31
	The main brush does not work	31
	The side brush does not work	31
	The sweeper does not vacuum	32
	Initialization failed	32
	Doesn't work	32-33
	Unable to charge sweeper	33
<hr/>		
11	Emergency Safeguard Measures in Case of Emergencies	34
<hr/>		
12	APP download	34

SAFETY INSTRUCTIONS

Operation Prerequisites

1. If you have not received formal training or authorization
2. If you have not read and fully understood the instructions for use
3. If you are intoxicated or under the influence of drugs and are confused
4. Unless you are physically and mentally capable of operating the sweeper properly according to the operating instructions
5. No filter element or filter element is seriously consumed
6. If the sweeper is in unsuitable working conditions, such as the sweeper is charging
7. If the sweeper is equipped with accessories or supplies not authorized by the seller, the use of other consumables or accessories may cause danger.
8. If the environment in which the sweeper is located is not suitable for the sweeper to work, such as the ground material does not meet the requirements, the state of the ground does not meet the cleanliness standards, or there is a possibility of falling objects at height;

 Please do not operate the XG 1st Luxury autonomous driving sweeper under the above circumstances.

Before Turning on the Sweeper

- Check if the power is sufficient
- Check if the sweeper parts are intact
- Check if the sweeper consumables are in normal available condition
- Check if the filter element is installed
- Check if the emergency stop button is working properly
- Check for abnormal alarms

During the Use of the Sweeper

- Control the movement of the XG 1st Luxury autonomous driving sweeper and other operations in strict accordance with the operating instructions.
- When you encounter an emergency situation and need to stop the sweeper quickly, please press the red emergency stop button immediately
- On slopes (≤ 12 degrees) at least 2 people need to work together to move the sweeper to avoid danger
- Please control the movement of the sweeper at a slower speed on the slippery ground to avoid wheel slippage and danger
- Real-time view of the rear condition when controlling the sweeper backward
- Please report any malfunction of this sweeper in time for repair

After Finishing the Cleaning Task

- Be sure to completely disconnect the sweeper when it is idle, except in the case of charging;
- Please dump the garbage in the trash can, and clean the sweeper ridge effectively, and replace the sweeper ridge if necessary
- Please park this sweeper in the designated location, the parking area must be flat ground

Description of Abnormal Working Scenarios

- The XG 1st Luxury autonomous driving sweeper is only suitable for normal operation in scenarios that meet the criteria. In order to maximize the function of XG 1st Luxury autonomous driving sweeper and ensure the efficiency of work, please do not use the product on the ground that is not suitable for XG 1st Luxury autonomous driving sweeper to work, such as on soil surface, grass, artificial turf, wooden floor; also do not use the product in scenarios where the ground condition is poor, such as uneven ground, potholes, large pieces of garbage (size larger than 200*50*50), long strips (water pipes, wires, ribbons, high temperature, flammable, sticky) and other situations that are not suitable for the sweeper to work; in such cases, please clean or maintain the ground first until it meets the cleaning standards. 50), long strips (water pipes, wires, ribbons), high-temperature flammable, sticky) and other conditions that are not suitable for the sweeper to work; in this case, please clean or maintain the ground first until it meets the cleaning standards before using XG 1st Luxury autonomous driving sweeper to start cleaning work.
- If the environment is surrounded by glass walls or other highly permeable materials, some of the sensors of XG 1st Luxury autonomous driving sweeper will not work properly. Therefore, we do not recommend you to use XG 1st Luxury autonomous driving sweeper in the above environment to avoid unnecessary danger.
- If the sweeper is on a purely sloping ground with a slope angle greater than 12 degrees, please do not use the sweeper on that ground. The XG 1st Luxury autonomous driving sweeper only supports automatic operation on flat ground.

(If you are not sure if your usage scenario can use our products, please contact us for technical support .)

Sweeper Storage Instructions

- After each use of the sweeper, when not in use, please promptly dump all the garbage in the bin, and park the sweeper in a dry and ventilated place, the temperature and humidity in line with the storage standards of the sweeper, please do not store the sweeper in a humid and unventilated place, so as not to affect its service life.
- When the sweeper is not used for a long time, in addition to meeting the above requirements, please also fully charge the battery, unplug the power supply, and then be sure to fully charge every 1 month to ensure that the power is sufficient to avoid long-term non-use of the battery resulting in failure. If the sweeper is not used out of the box, be sure to fully charge it every 3 months.

Note of Caution

- This sweeper is an automatic intelligent sweeper, please stay away from it before it starts to work automatically to avoid causing danger.
- It is forbidden to push the sweeper artificially, and only the operator is allowed to move it manually during the execution of the task.
- The maximum climbing angle in this sweeper use scenario is 12°.
- When preparing for charging operation, be sure to turn off the power beforehand and then proceed with charging operation.
- When the sweeper is working, the wheels may rotate at high speed, so please be sweepereful when operating and do not press your feet or other objects.
- When the sweeper is working, the roller brush will be in direct contact with the ground, there is a certain pressure, be careful not to put foreign objects under the roller brush to avoid affecting the work.

PRODUCT OVERVIEW

Product Description

- XG 1st Luxury autonomous driving sweeper is a comprehensive intelligent sweeper that meets a variety of user needs, mainly for customers with cleaning task needs, appearance image needs, cloud broadcasting platform needs, and intelligent mobile platform system needs. Suitable for business parks, industrial parks, municipal squares, comprehensive parks, campus scenic areas and other large outdoor flat road areas, can sweep dust, gravel, debris, paper, leaves, plastic bottles and other kinds of household waste

Product List

Product Model	Entry	List of Entries	Quantity	Remarks
XG 1st Luxury	All-in-one	XG 1st Luxury Sweeper	1	
	Sweeper Charger	220V 48V 30A	1	
	Remote Control	R12DSM	1	Optional
	Remote Control Battery Charger	DC 9V-16V($\geq 30W$)	1	Optional
	Hold the Shaft to Unlock the Rechargeable Battery	24V, 2A	1	
	Charger Adapter Cable	48V	1	
	DC2.5 Power Cord	DC5.5*2.5	1	

Core Selling Points

Leading autonomous system navigation technology, map building and positioning and perception prediction technology

- Centimeter-level positioning without GNSS, local millimeter-level positioning
- Hundred thousand square meters level - high precision mapping
- Real-time sensing and predictive solving

Highly integrated synchronous sensing multi-sensor information convergence technology

- Multi-sensor hardware synchronization delay $\leq 5ms$
- 0.05° high precision steering, 100 meters 360° obstacle avoidance capability
- Multi-sensor fusion technology based on global optimization

Adaptive decision making and multi-sweeper scheduling optimization technology

- Adapt to a wide range of dynamic environments across day and night
- Equipped with cloud operation and maintenance, move monitoring and remote scheduling functions
- Autonomous clean platform system hyper-convergence, algorithm and hardware system High Adaptation

Multi-security technology

- Proximity ring ultrasonic collision protection
- Multi-lidar 360° blind collision protection
- Crash-sensing emergency stop, hardware and software emergency stop, operation control, network control

Application Scenarios

- XG 1st Luxury autonomous driving sweeper is mainly used for granite floor, asphalt floor, cement floor, epoxy floor, plastic runway, regular masonry floor, small rough stone floor, small square tile floor, small pebble floor and other hard and flat floors. Typical application scenarios are as follows:

Parks & Attractions

Subdivisions & Properties

Malls & Hotels

Hospital & Campus

Large Enclosed Outdoor Areas Such as Parking Lots

XG 1st Luxury Product parameters

Parameter Type	Parameter Entries	Parameter Details
Institutional Parameters	Length	1.63m
	Width	1.2m
	Height	1.22m
	Total Weight of Sweeper	320KG
	Battery Weight	38KG
	Bin Capacity	100L
Electrical Parameters	Battery Type	Lithium iron phosphate batteries
	Average Life Time	4 - 6H
	Maximum Power	2000W
	Rated Voltage	48V
	Rated Drive Motor Power	800W
	Rated Brush Motor Power	2×90W
	Rated Main Brush Power	2800W
Cleaning Parameters	Sweeping Width	1200mm
	Cleaning Efficiency	Max. 4000m²/h
	Security Systems	Lidar, Vision systems, Ultrasonic sensors
	Perform Speed	0-8km/h
	Type of Garbage to Be Cleaned	Dry garbage: leaves, paper scraps, mineral water bottles, plastic bags, cigarette butts, cigarette boxes, napkins, etc. Wet wipes: fruit peel, fruit, wet wipes, etc.

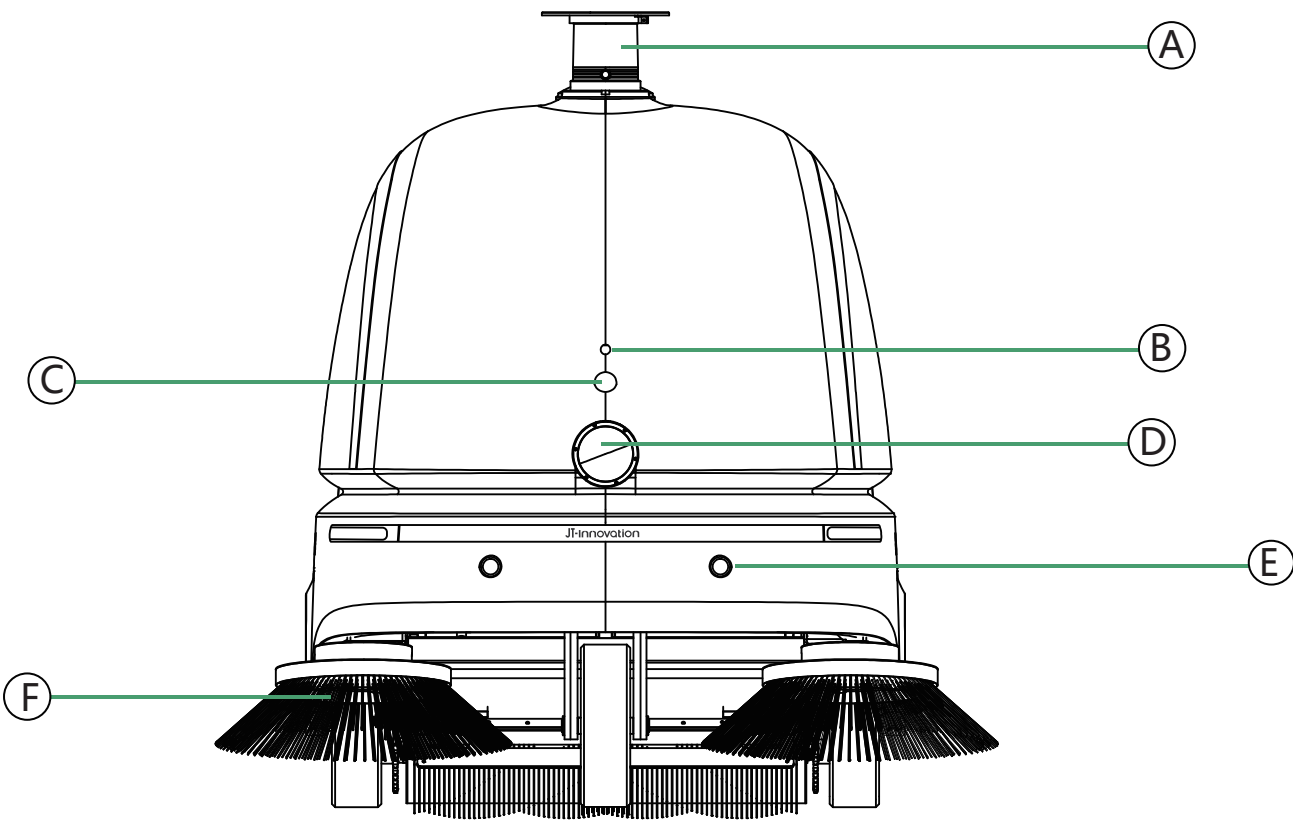
Parameter Type	Parameter Entries	Parameter Details
Other Parameters	Operating Temperature	0°C ~ +60°C
	Operating Noise	55~70dB(a)
	Operating Slope	< 12°

OPERATING INSTRUCTIONS

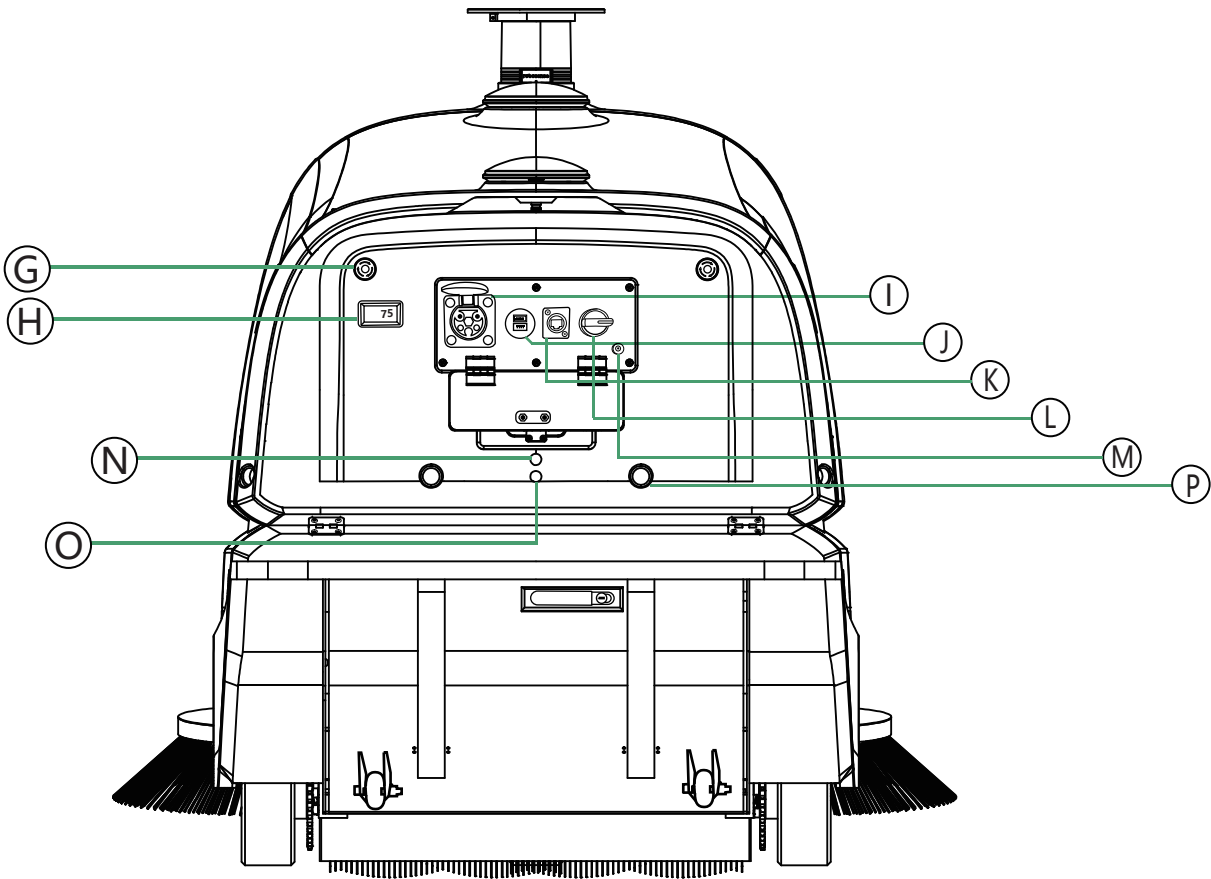
The contents of this manual are mainly for the personnel who directly operate or manage the XG 1st Luxury sweeper. The personnel who directly operate XG 1st Luxury sweeper need to know how to control the sweeper movement, perform cleaning tasks, charge and other basic operations, while the managers of XG 1st Luxury sweeper need to know not only the above information, but also how to build a map, create a cleaning path, deploy cleaning tasks, view the sweeper cleaning task completion report, check the health status of the sweeper and a series of advanced operations. The above operations are described in turn below.

Sweeper Appearance Introduction

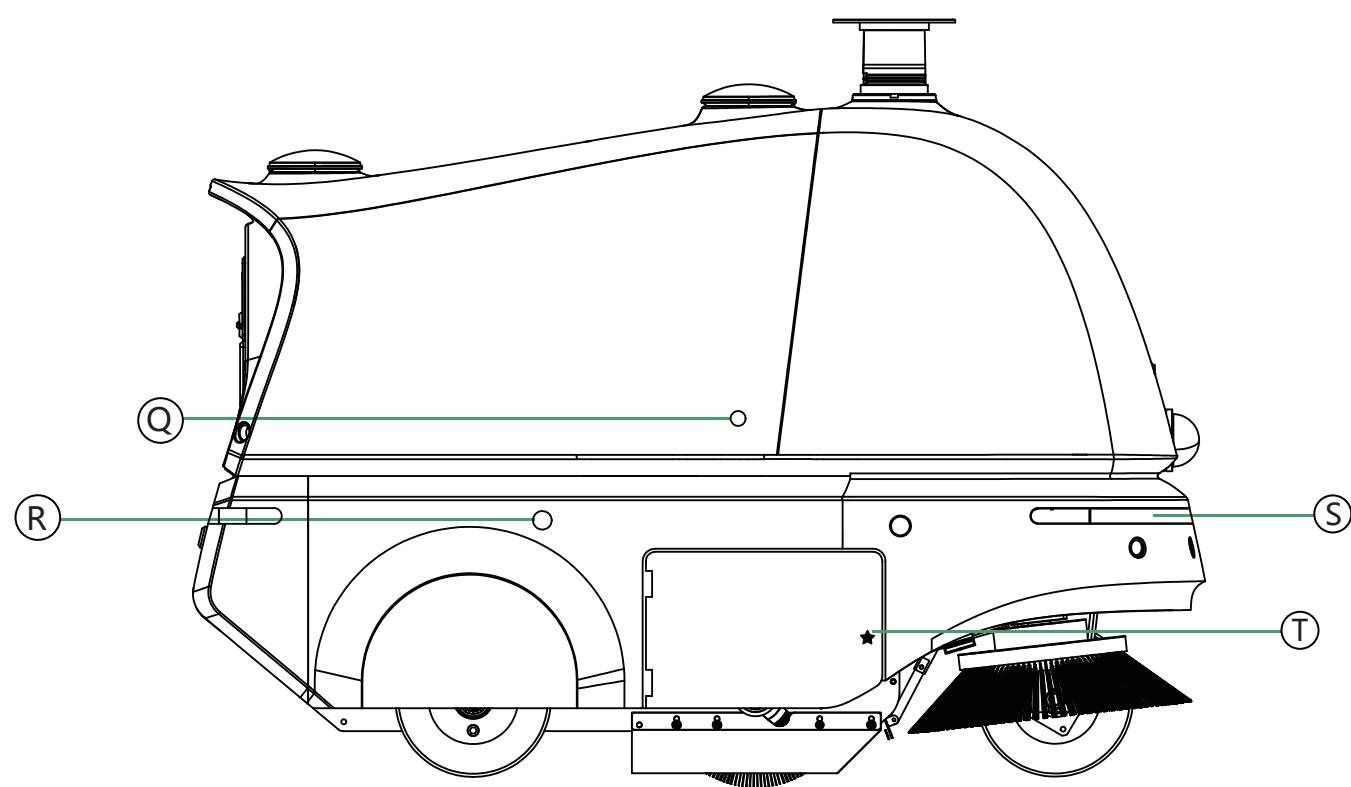
The appearance parts and interfaces of the sweeper mainly include: the main LIDAR, blind-fill radar, omnidirectional ultrasonic radar, emergency stop switch, lights, etc. The location and number of each part are shown in the following figure:



- A.Main LIDAR
- B.Surround-view Camera
- C.Visual Video Camera
- D.Blind-fill LIDAR
- E.Ultrasonic Radar
- F.Side Brush



- G.Emergency Stop Button
- H.Power Display
- I.Manual Charger
- J.USB Interface
- K.Network Cable Interface
- L.Sweeper Switch
- M.Unclamping Axis Interface
- N.Charging Post Identification Camera
- O.Surround View Camera
- P.Ultrasonic Radar

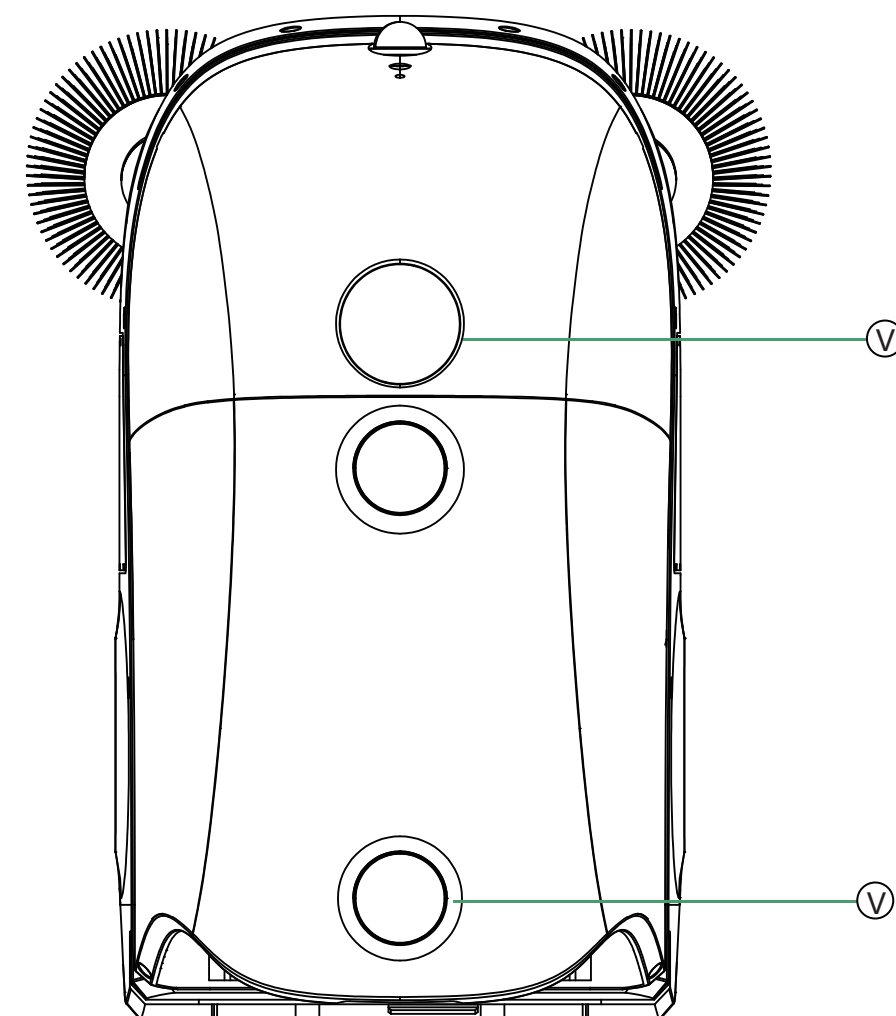


Q.Surround View Camera

R.Side Ultrasonic Radar

S.Turn Signal

T.Main Brush Maintenance Hatch



V.GPS Antenna

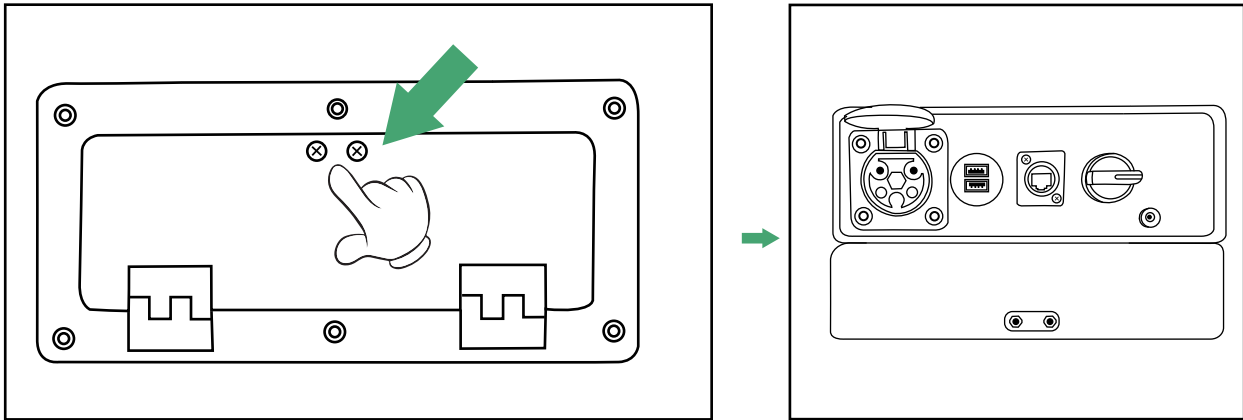
Emergency Stop Switch

In case of emergency, you can press the emergency stop switch of the sweeper and the sweeper will stop moving forward immediately. The emergency stop button is located at the rear of the sweeper. The button is mainly used for effective stopping of the sweeper when it breaks down or other emergency situations occur, in order to protect the safety of personal property. The use of the emergency stop button is relatively simple, directly press the button to stop the sweeper, at this time can not artificially push the sweeper, nor can any other operations, if you need to restore the sweeper press the emergency stop button before the running state, please turn the emergency stop button clockwise and then pop up, the sweeper can continue to run or work.

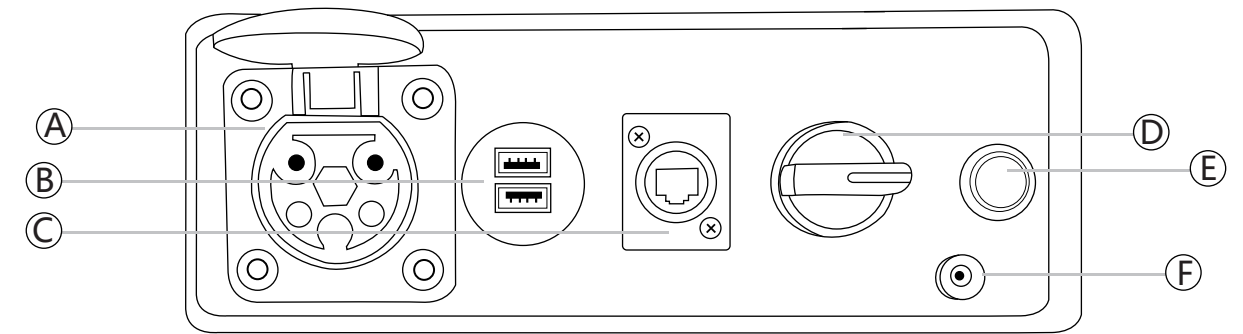
Note: The remote control cannot be unlocked after pressing the emergency stop, you need to lift the emergency stop switch to unlock the remote control.

Sweeper Interface Description

The interface of the sweeper is located inside the control box at the rear. To open the control box, as shown in the figure below, lightly press the cover to pop open:



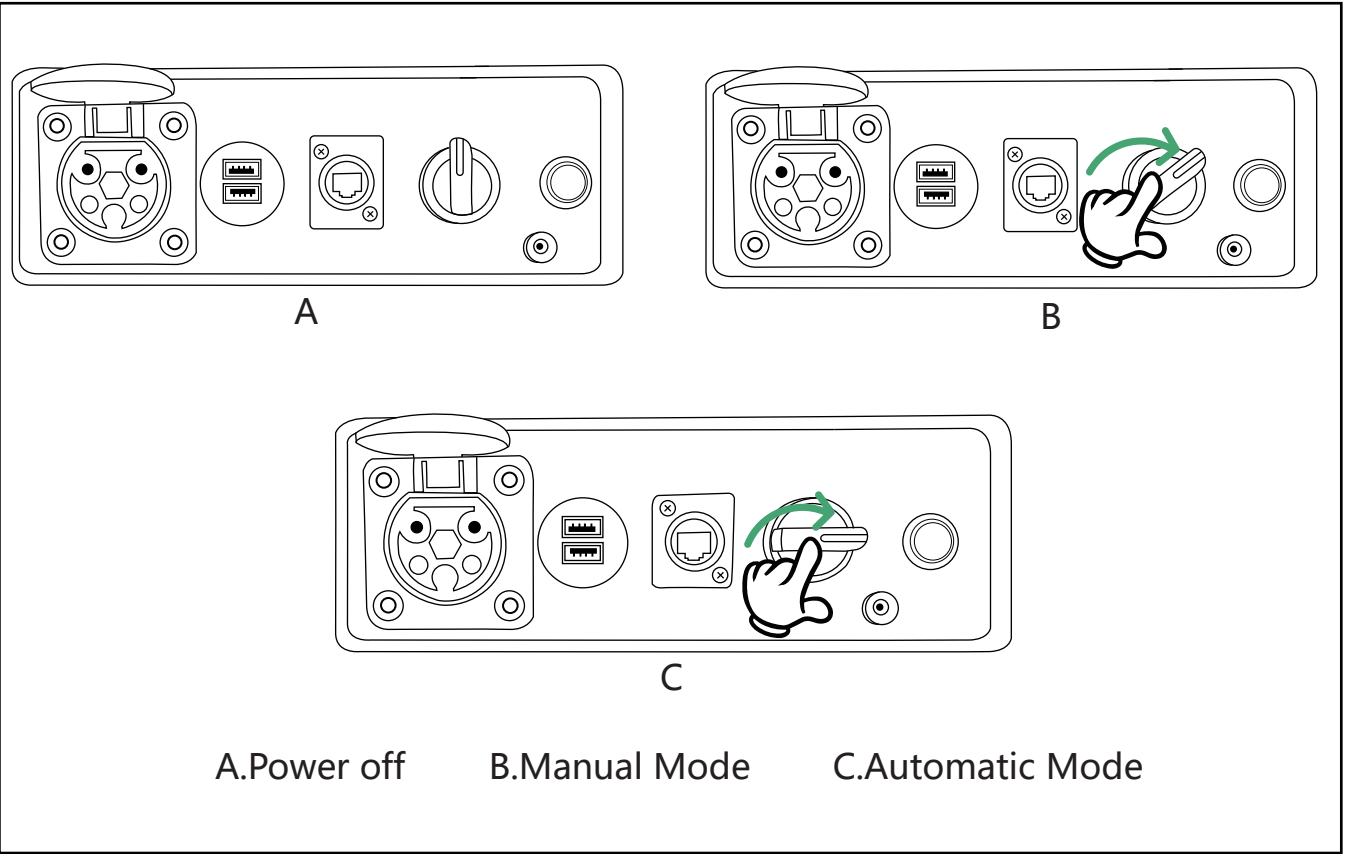
Interface in the Control Box



- A.48V Charging Port
- B.USB Interface
- C. Network Interface
- D.Sweeper Switch
- E.IPC/VCU Switch
- F.Unclamping Axis Interface

Power knob Switch (Sweeper Powered on)

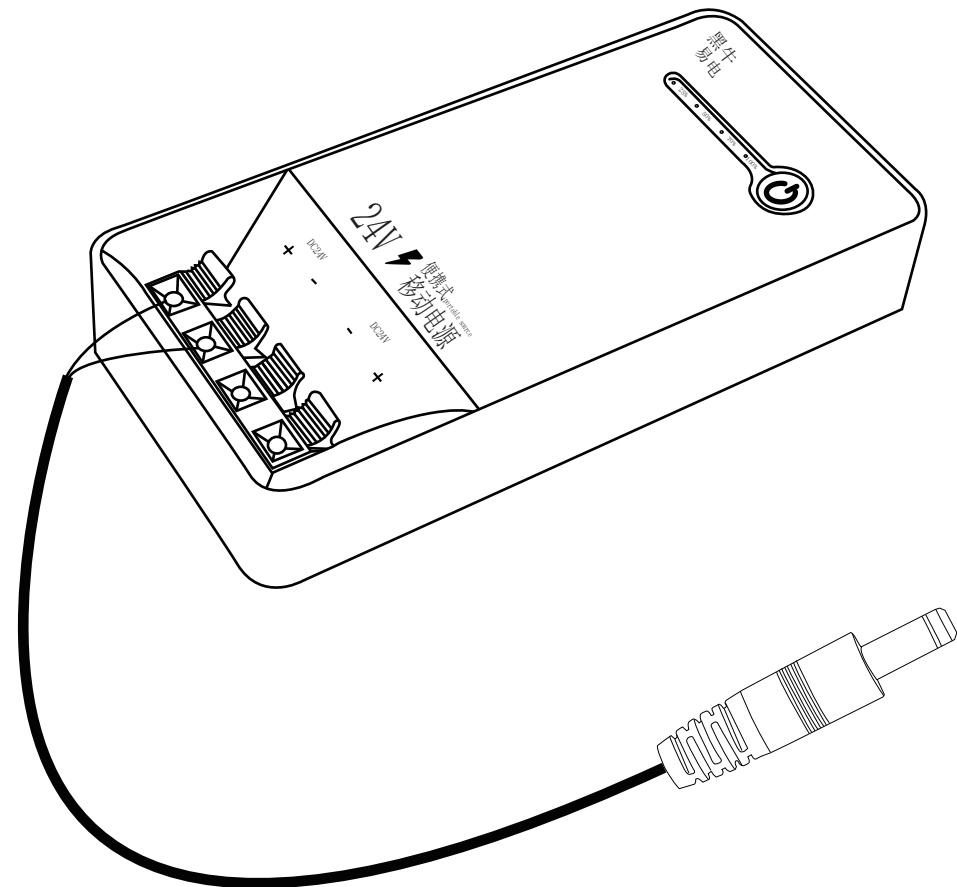
Power knob switch has two gears, the first gear is: manual mode use, the second gear is manual and automatic mode use



Unclamping Shaft Jack

When the sweeper is out of power or the battery fails, and the sweeper cannot move, use the unlocker to dock with the place (keep connected) and push the sweeper to a safe area.

Note: If you need to unlock the holding shaft, please contact the O&M staff urgently, non-O&M staff and trained personnel must not operate it to avoid accidents!!!



Other Interfaces

Aero plug socket: When charging manually, the aero plug of the charger is docked with this place

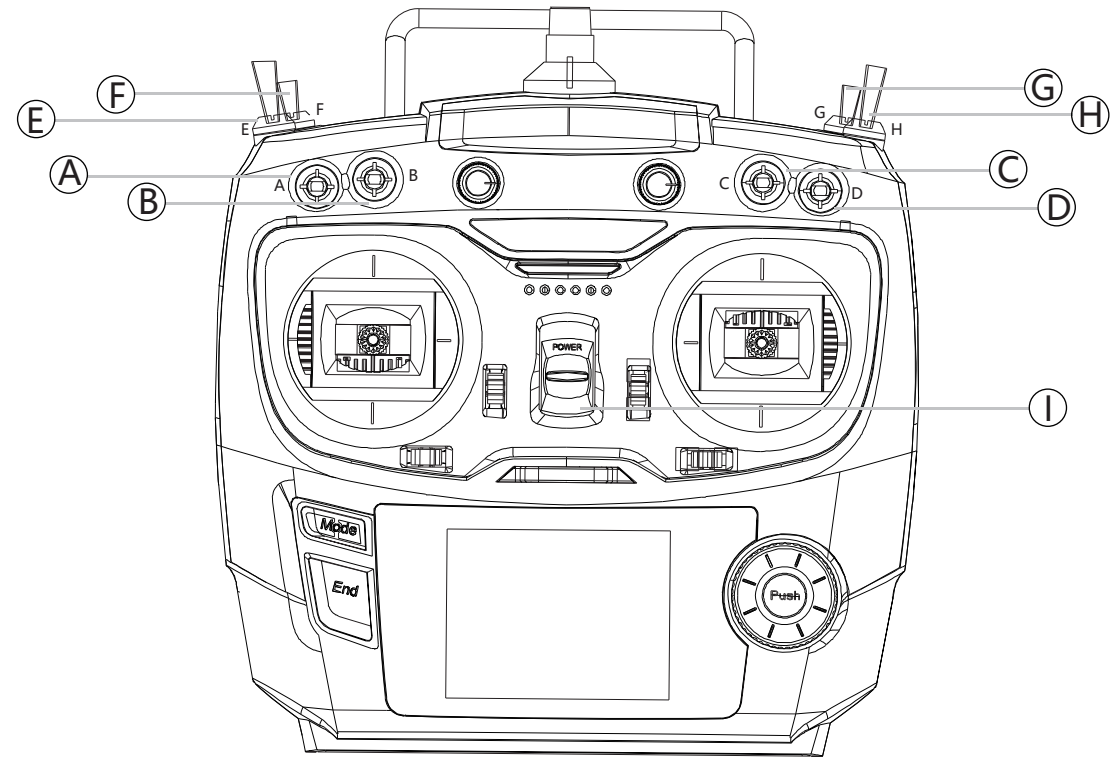
Communication port: generally used by operation and maintenance personnel for debugging.

REMOTE CONTROL INSTRUCTIONS

Remote Control Appearance Introduction

Notice: The remote control has been debugged pairing, and the sweeper is a one-to-one correspondence, please do not debug or dial. When operating the sweeper on a daily basis, we generally use only the power on/off button of the remote control, the forward nudge (left), the direction nudge (right) and the eight dials A-H, as shown in Figure 9 below:

Note: This remote control is not standard configuration of the sweeper, if you need to purchase this remote control, you can refer to the following operating instructions. Not purchased can refer to the APP operation sweeper operating instructions



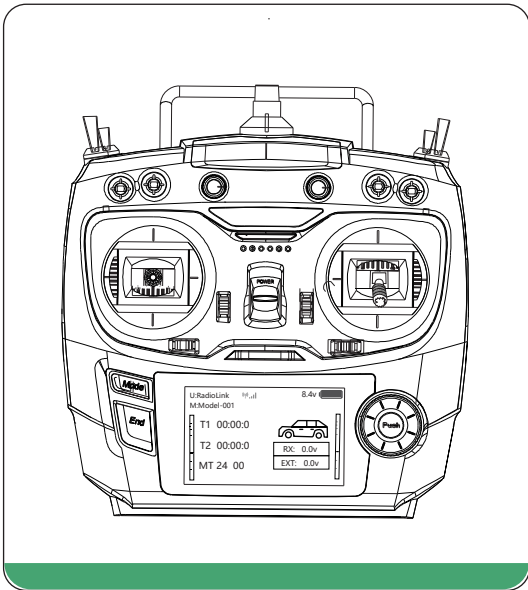
- A. Up: Turn off the side brush main brush, Down: Turn on the side brush main brush.
- B. Up: Turn off the vibration dust, Down: Turn on the vibration dust.
- C. Up: No function at the moment, Middle: Manual mode, Down: Automatic mode.
- D, Up: Off charging (charging station), Down: On charging (charging station)
- E. Upper: Front bezel automatically opens and closes, Middle: Front bezel closes, Lower: Front bezel opens and closes to maximum
- F. Up: Turn on the voice announcement, Down: Turn off the voice announcement.

- G. Up: Turn signal, tail light always on, Middle: Turn signal, tail light flashing, Down: Turn signal, tail light off.
- H. Travel enable: When the natural down, operate the sweeper rocker no response, has been fluctuating upward has been to toggle and operate the sweeper rocker, can move the sweeper.
- I. Power on/off button (on/off).

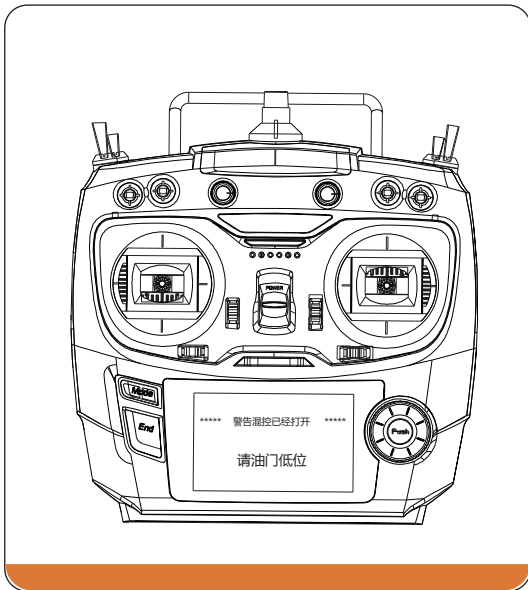
Before Turning on the Controller

Before turning on the controller, push the right direction push rod to the bottom side, otherwise there will be a warning ("warning mixed control has been opened please throttle low") and cannot turn on the remote control.

Don't touch the remote control button, if the remote control has an abnormal state after touching, please contact the operation and maintenance personnel in time.



✔ Normal Opening Interface

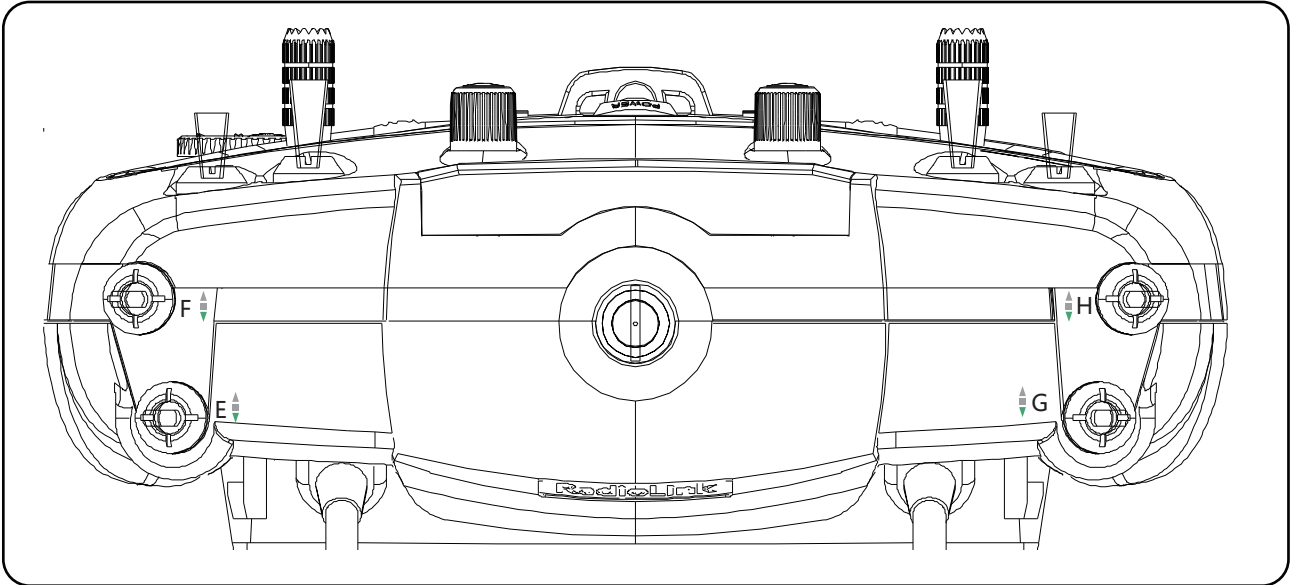
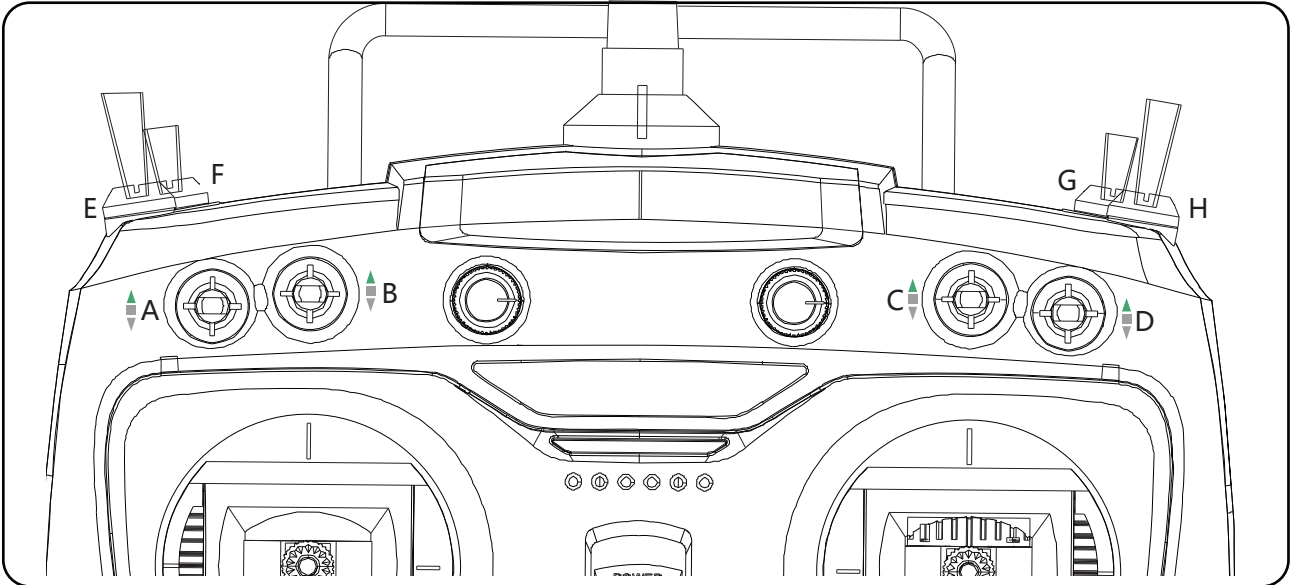


✘ Abnormal Opening Interface

Remote Control Symbols/Default Settings

- There is an icon on the remote control paddle,represents the upper, middle and lower three gears
- A-D toggle is set to the uppermost position by default
- E-H toggle is set to the lowermost position by default

The default state of the toggle is shown in the following figure:

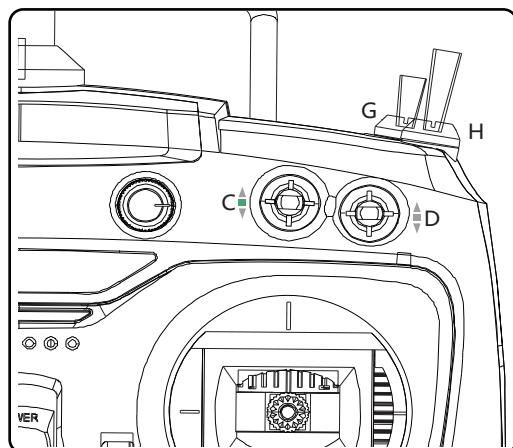


And then the right steering push rod left press and hold for 2 seconds to unlock, unlock successfully, the sweeper tail light off

Hardware switch ipc mode without unlocking, wait a few seconds after the sweeper tail light off to complete unlocking

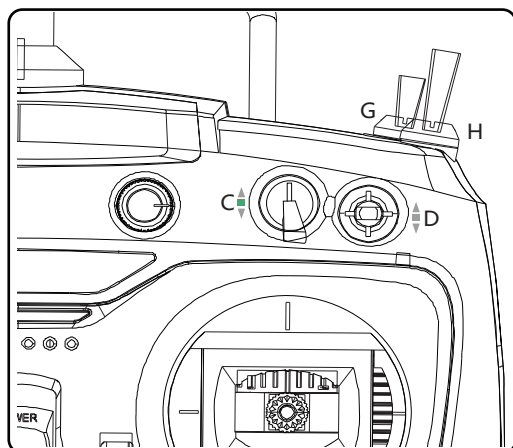
Remote Control (Auto Mode) Toggle Function

When the sweeper is in automatic mode, the remote control can directly control the sweeper, but only the C toggle is functional, as shown in the following figure:



Medium: IPC manual

Manual Mode



Downward dialing second gear: IPC automatic

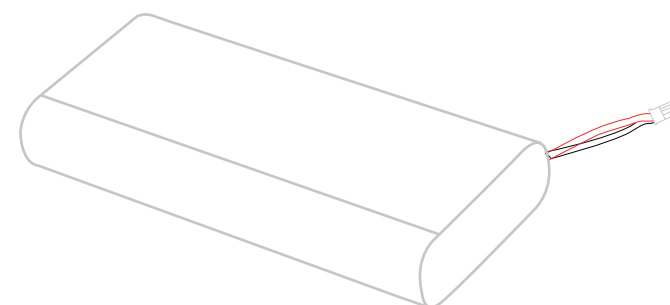
Automatic Mode

Remote Control of Sweeper Movement

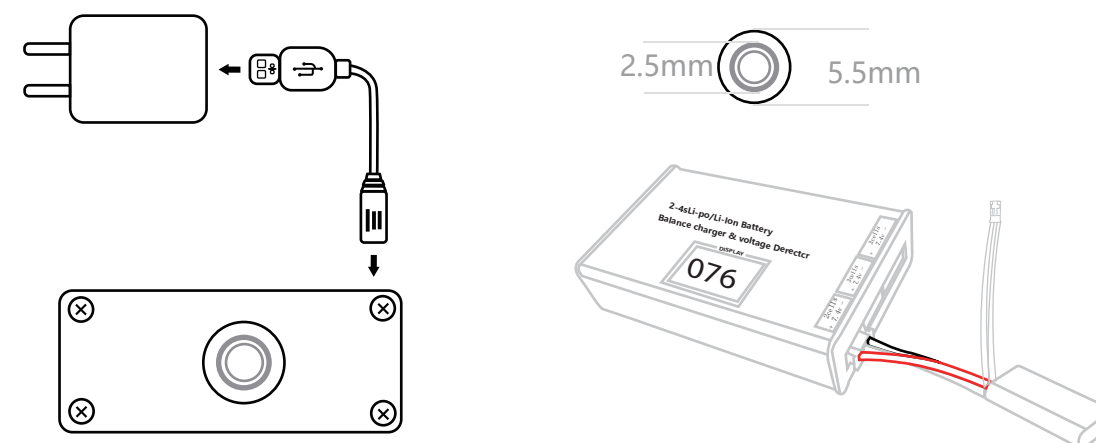
In manual mode, you can use the remote control to manually control the sweeper driving (for temporary moving the sweeper, recording maps and recording tracks, etc.) in the following way: manually keep "hooking" the H lever, and then push the forward push bar (left) back and forth, you can control the sweeper forward and backward, the larger the push, the faster the speed, so The greater the push, the faster the speed, so when pushing need to be gentle, do not vigorously push the push rod to the end, in order to avoid accidents. Similarly, push the direction pusher (right) left and right to control the left and right turn of the sweeper. When you need to stop the sweeper, you should release the forward push lever (directional push lever) of the remote control gently, and the sweeper will stop smoothly.

Remote Control Battery Charging Instructions

take out the battery that needs to be charged, the battery charging cable red represents the "+" pole black represents the "-" pole, the battery power cable red represents the "+" pole black represents "-" pole as follows.

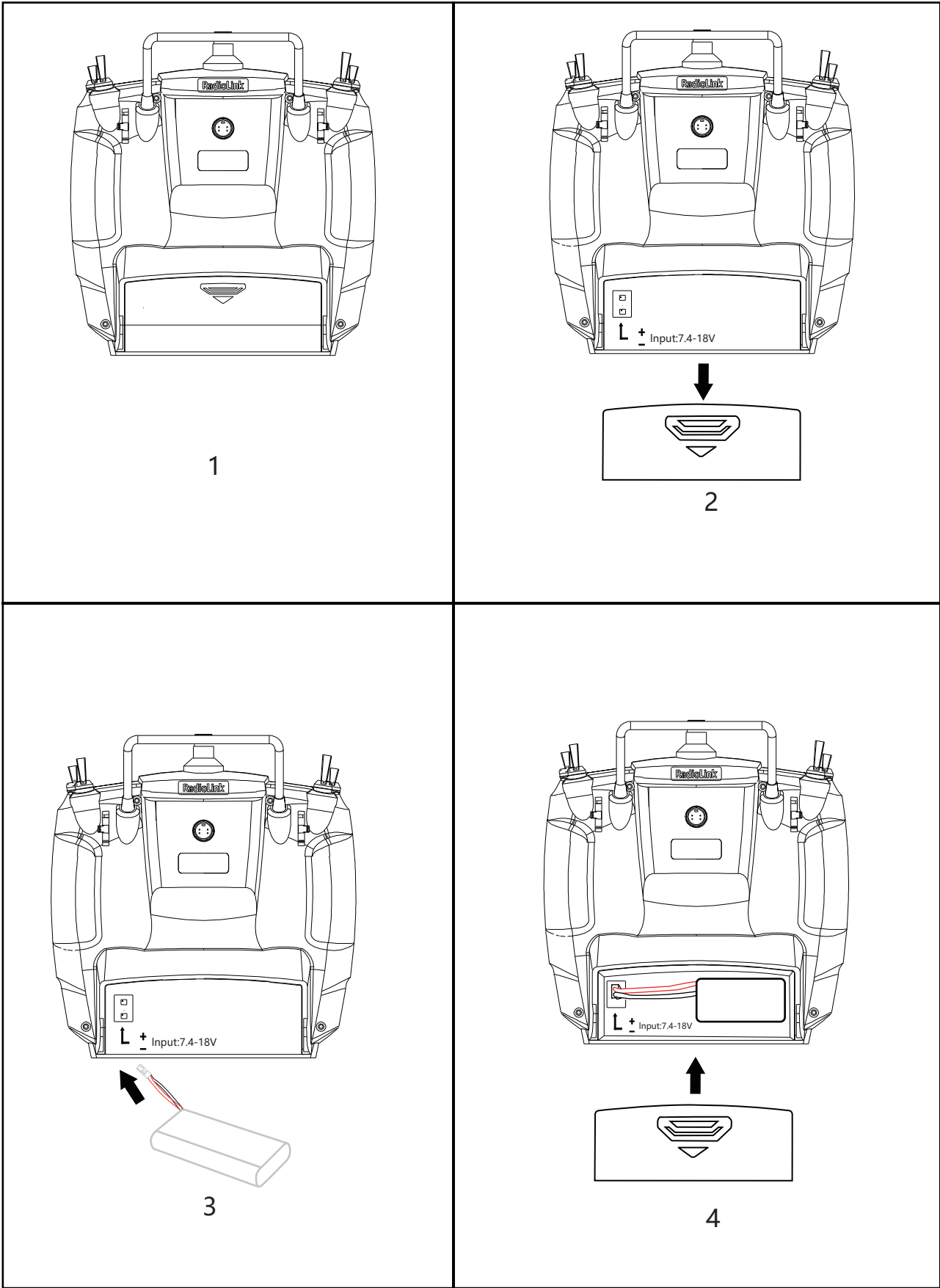


Power on the battery charger and connect the battery to the charging port (the battery charging cable needs to correspond with the positive and negative terminals of the charger charging port) as shown below.



The charger will emit a "beep beep beep" sound after the battery is fully charged, indicating that the battery is fully charged.

Remove the fully charged battery and install it on the remote control (the battery power cable and the remote control power port positive and negative poles should correspond one by one) as follows.



Mobile App to Control the Sweeper

First of all, click the Bluetooth remote control button in the APP, enter the display of the operating interface after clicking the remote control switch can be operated, the following is the interface operation logic:

- 1.The bottom is the front and back left and right operation knob, press and hold the middle knob for front and back control
- 2.Speed control: speed control according to the size of the position of the middle knob from the center
- 3.Speed display : the blue speed above shows the current speed of the sweeper
- 4.The upper part is the control mode, dust vibration, side brush main brush switch and front baffle opening and closing size switch
- 5.Show the brake button above the direction knob, click the brake button to stop the sweeper immediately



Note: The software interface may be updated, subject to the actual software interface

CHARGING

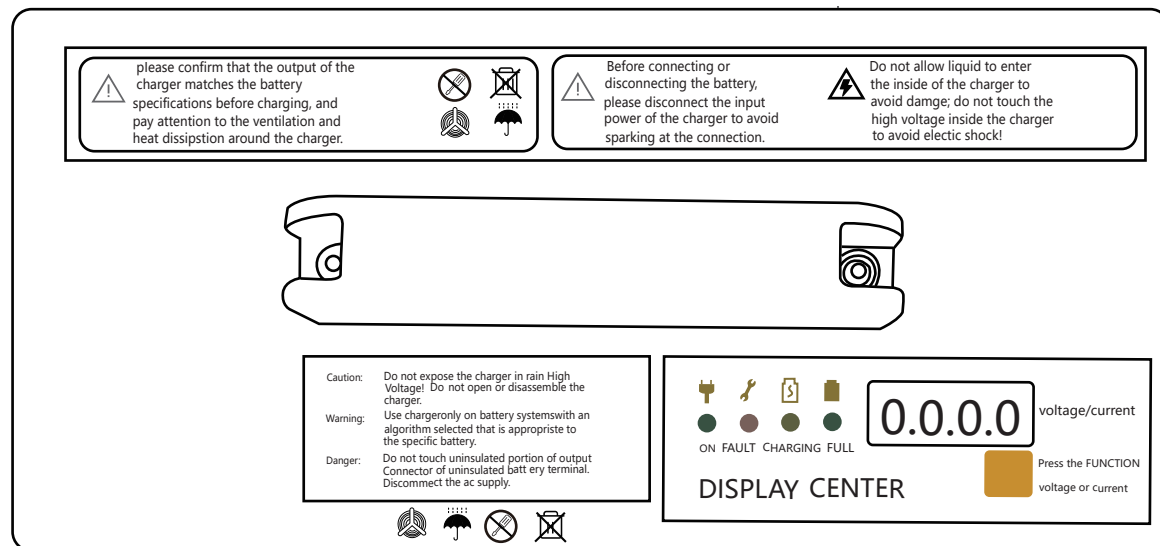
Introduction of Charger

Power indicator ON": the power indicator is on (green light), indicating that the charger has input voltage;

Fault light FAULT": the fault light is on (red light), indicating a charger or battery failure;

"CHARGING light": when the charging light is flashing (yellow light), it indicates that the battery is being charged;

"Full charge indicator FULL": the full charge indicator lights up (green light), indicating that the battery is fully charged;



Charging Notes

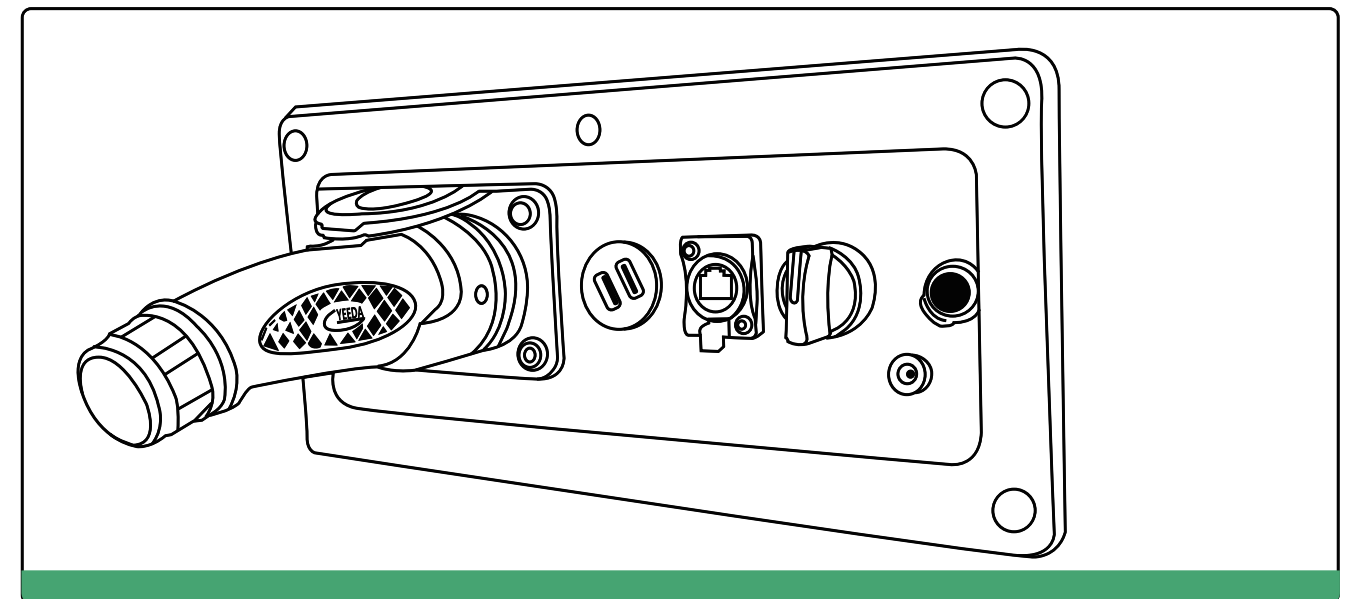
Before charging, please make sure that the power supply line can provide at least 2000W for the sweeper alone.

Before charging begins, be sure to turn off the charger first and then connect the charger to the sweeper.

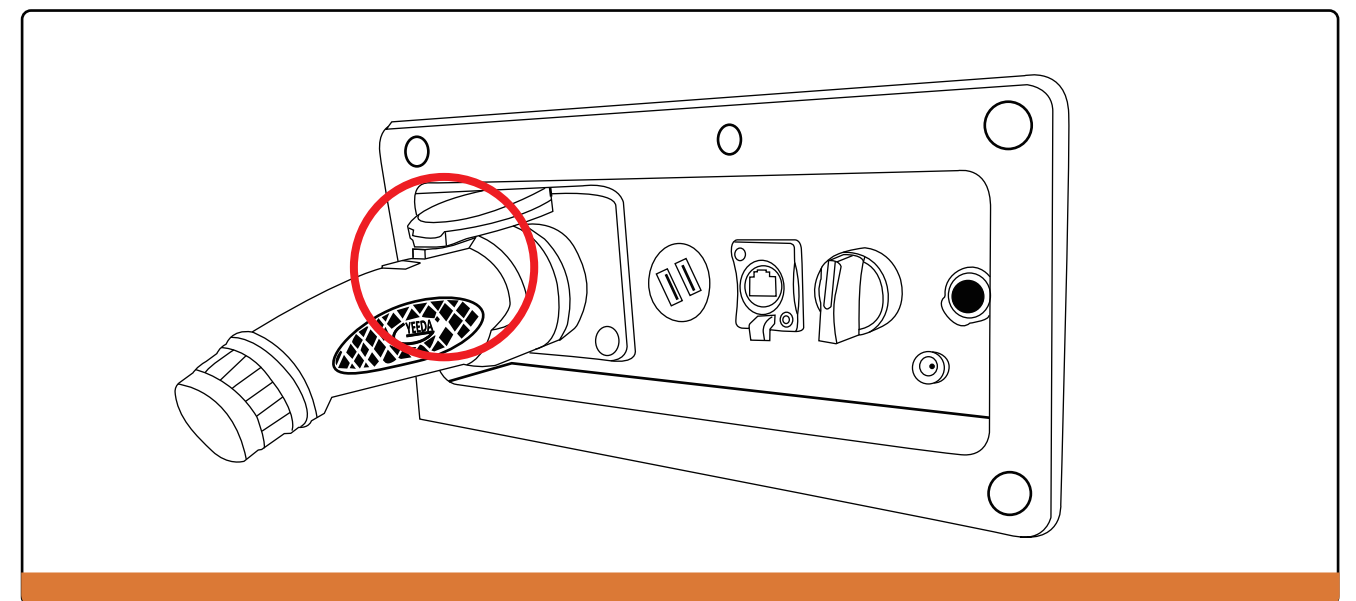
After the end of charging, be sure to turn off the charger first, and then to unplug the aviation plug.

The battery will be fully charged every half month until it is over-voltage protected, at which point the charger will automatically stop running.

When charging, the charging cover needs to be interlocked with the charging gun.



✓ The correct state of charging, charging cover and charging gun completely fastened to each other

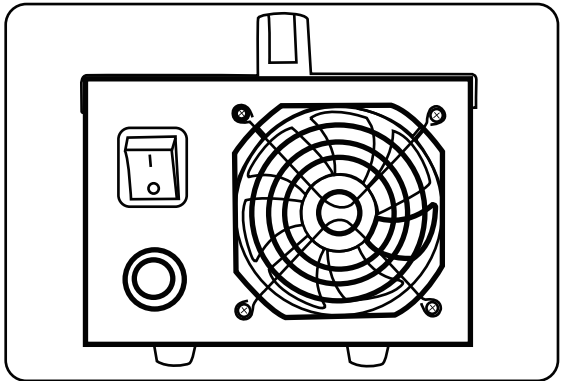


✗ Wrong charging state, the charging cover and the charging gun are not completely fastened to each other

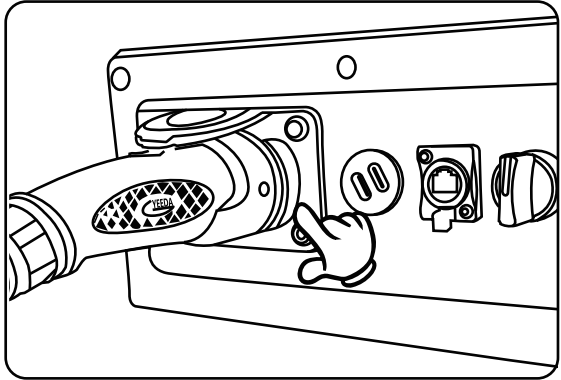
Charger Charging Process

Use the charger to charge the sweeper manually, connect the aerial plug of the charger to the aerial plug socket of the control box at the rear of the sweeper, and then power up the charger. After about 5~10s, the DC indicator of the charger flashes green and the top cooling fan starts to run (and display the voltage, if it is 0 or not, it is abnormal), normal charging. After charging, disconnect the charger first, then go to unplug the aviation plug. The connection diagram is as follows:

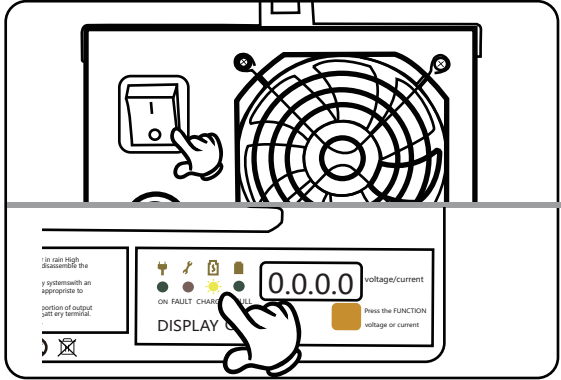
Manual Charging Process



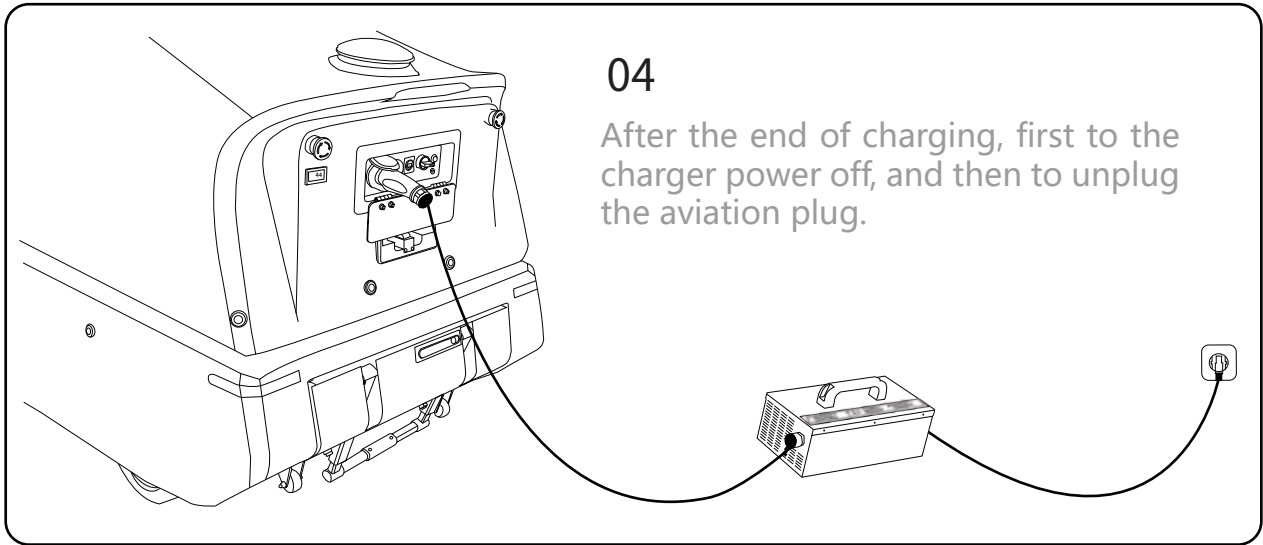
01
Before using the charger to charge the sweeper manually, please turn off the charger.



02
Connect the aerial plug of the charger to the aerial plug socket of the control box at the rear of the sweeper.

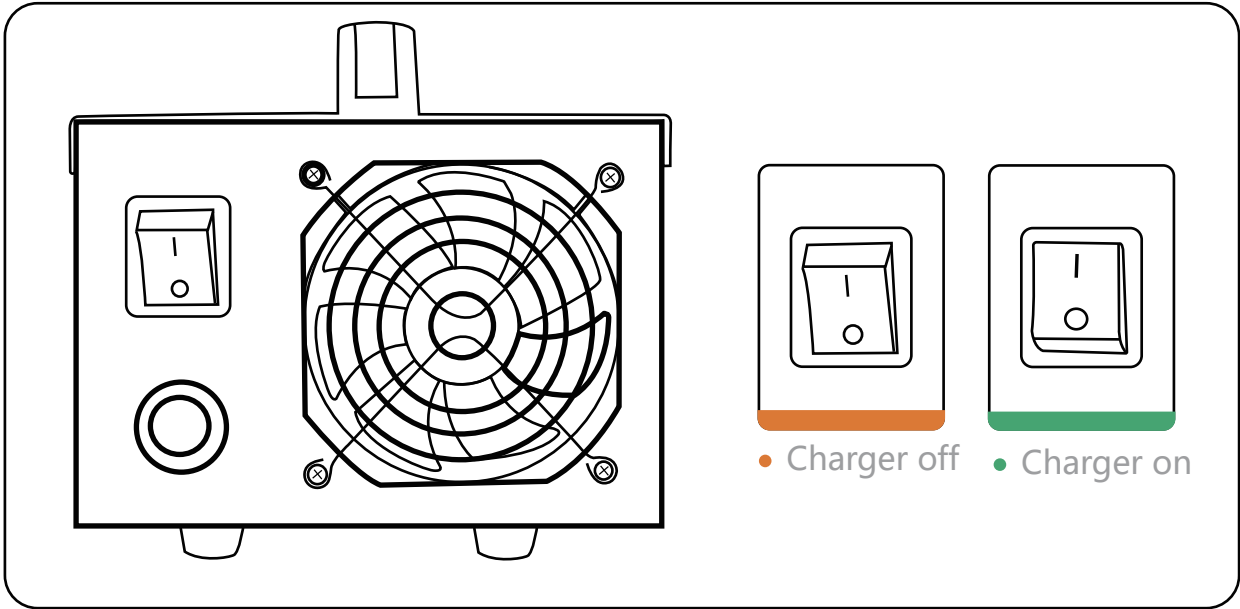


03
Power on the charger, press the switch about 5~10s later, the charger "charge light" yellow light flashes, the cooling fan starts to run, normal charging.

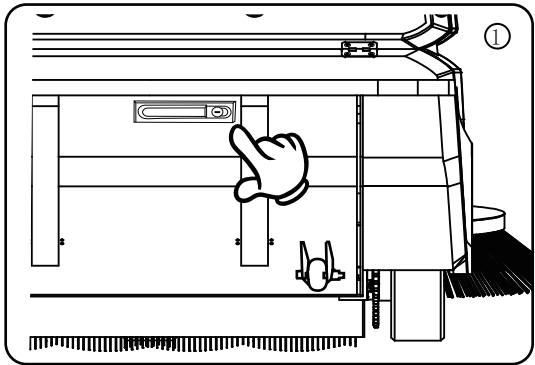


04
After the end of charging, first to the charger power off, and then to unplug the aviation plug.

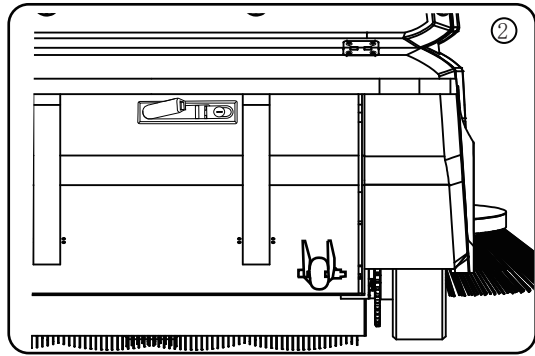
Charger Switch Description



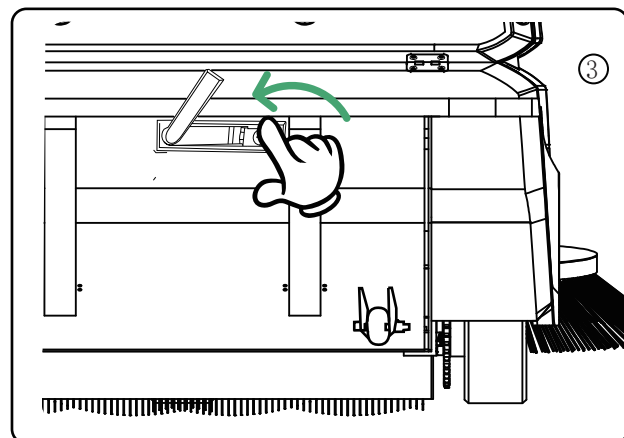
DUMPING OF GARBAGE



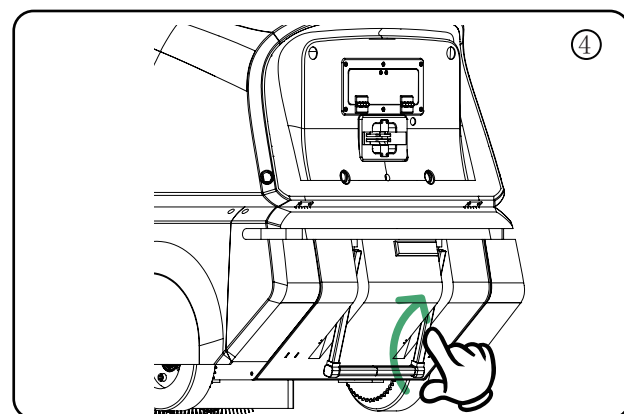
01
Please press the button of the garbage bin.



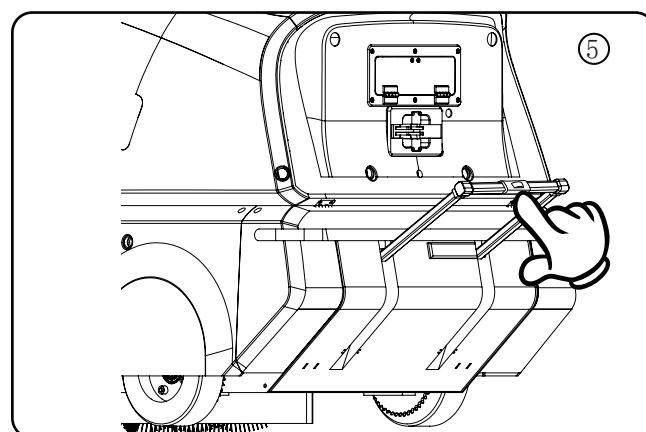
02
Dustbin pop-up latch



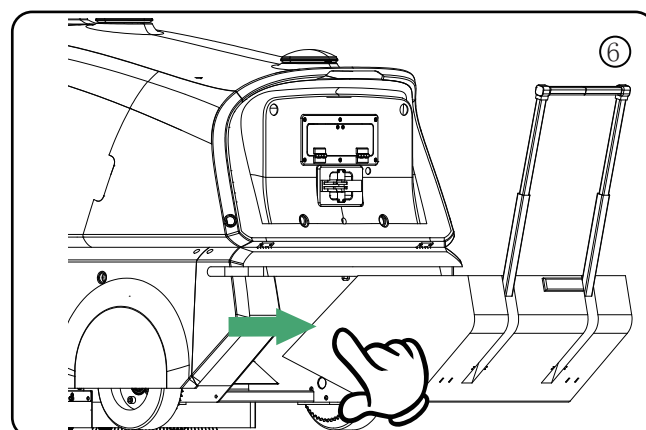
03
Twist the bin handle counterclockwise.



04
Pull up the bin lever.



05
Press the bin puller button to pull up again.



06
Just pull the bin outward.

JUST PULL THE BIN OUTWARD

Operators need to perform simple maintenance on the cleaning sweeper before and after each use, periodically perform the necessary inspection and maintenance on the sweeper, and regularly replace consumables to ensure the best performance and maximize the service life of the sweeper.





- ⚡ Before maintenance, the power must be turned off and disconnected from the power plug, so as to prevent accidental electric shock or parts damage.
- ☞ The sweeper should be placed in a dry and ventilated place to avoid the humid environment affecting the electronic and electrical components and shortening their life. If the storage environment is extremely cold, make sure that the entire waterway is free of standing water.

Maintenance Matters

- ⚡ Unauthorized private disassembly of the sweeper, such as panels, internal control boxes, etc., is strictly prohibited, and once found, the user will not be able to enjoy the established warranty policy.
- ☞ If the sweeper works abnormally and cannot be solved by conventional troubleshooting means, please contact your local distributor or our technical support for warranty consultation in a timely manner.

DAILY MAINTENANCE

Daily Maintenance and Sweeper

-  Dump the garbage in the trash can to avoid the accumulation of garbage and odor.
-  Clean the filter element in the trash can.
-  Check if there are water drops on the sensor, please use a paper towel or softer cloth to gently absorb them, avoid wiping directly by hand, which may cause scratches on the sensor surface.
-  Please check the power after the operation of the sweeper, and recharge it if necessary.

Weekly Maintenance and Servicing

Inspect the main and side brushes weekly and replace the main or side brushes if they are broken;

Check the filter element in the vacuum and give it a timely replacement;

Check the springs, screws, and sheet metal components everywhere for loosening, deformation, and rusting;

Check the sensor for scratches;

Check that the height of the center of the main brush from the ground is within a reasonable range of values;

Consumables Description

The main consumables of XG 1st Luxury include filter element , roller brush, side brush, belt, blocked leather, etc. The replacement cycle varies according to the ground material of the use scenario. If the working frequency of the sweeper is too high or too low in the actual application scenario, users can appropriately shorten or extend the replacement cycle of the consumables by themselves, please make timely adjustment according to the observed cleaning effect of the cleaning sweeper.

BATTERY MAINTENANCE

- 1.Please keep the battery away from heat source, high pressure place and long time sunlight exposure.
- 2.The battery must not be put into water or fire.
- 3.Do not use metal to short the positive and negative terminals of the battery.
- 4.Avoid excessive physical shocks and impacts to the battery, do not hit, drop or step on the battery.
- 5.Without the manufacturer's permission and guidance, it is strictly forbidden to disassemble or group the battery by yourself.
- 6.Do not mix other batteries of different manufacturers, types and models.
- 7.Please do not use or store in high temperature (>45°) environment, otherwise it will cause the battery to heat up.
- 8.Fire or reduced service life.
- 9.Please charge the battery immediately after it runs out of charge. For long-term storage, it should be fully charged once a month.
- 10.Please use the matching or recommended professional lithium battery charger.
- 11.Please stop using the battery if it has abnormal conditions such as odor, discoloration, noise, liquid leakage, or serious deformation.

TROUBLESHOOTING

The map of the sweeper is not clear?

• Possible reason

The speed of the sweeper is too fast when collecting the mapping data.

The sensor is dusty or obstructed by an obstacle.

The environment is more complex, and there are glass walls and other highly permeable materials.

- Corresponding solutions

Please control the sweeper to run at low speed and build a map.

Clean the outside of the laser sensor with a dust-free cloth and check if there are any objects blocking the sensor.

When building a map, if you find high permeability materials in the surrounding environment, please draw a virtual wall to control the map boundary in time.

The main brush does not work?

- Possible reason

The main brush button on the remote control is off and cannot start cleaning.

The main brush is wrapped around linear trash and is stuck and cannot turn.

- Corresponding solutions

Open the main brush button on the remote control to turn it on and observe if the main brush is lowered close to the ground.

Please remove the main brush for cleaning, and put it back into the sweeper after cleaning.

The side brush does not work?

- Possible reason

The brush button on the control panel is off and cannot start cleaning.

Fuse blown.

- Corresponding solutions

Open the main brush button on the remote control to turn it on and observe if the main brush is lowered close to the ground.

Please remove the main brush for cleaning, and put it back into the sweeper after cleaning.

Sweepers don't vacuum?

- Possible reason

The suction wind button on the control panel is off and cannot vacuum.

Clogging caused by poor connection of dust suction hose or inhalation of unknown objects.

- Corresponding solutions

Open the dust vibration button on the remote control to turn it on and observe if the suction wind function is normal.

Check at the roller brush assembly, whether there is blockage, if there is, please promptly adjust or clear.

Sweeper initialization failed?

- Possible reason

Choose the wrong map is not in the landmark point location close to have crowds around.

- Corresponding solutions

Select the correct map to push to the landmark point location to prohibit artificial close surroundings.

Sweepers do not move?

- Possible reason

The sweeper is out of power and can't be turned on and moved.

The sweeper is not turned on and cannot be moved.

Mode is auto mode.

The red emergency stop button on the sweeper was pushed, causing the cleaning sweeper to brake in an emergency and unable to move.

- Corresponding solutions

Please connect the charger to the charging port of the cleaning sweeper to charge, and then control the movement of the sweeper after the battery is full charged.

Please use the unclamping shaft to unclamp the sweeper and then try to control the cleaning sweeper movement.

Need to switch to manual mode manually.

Please turn the red emergency stop button clockwise to restore the movement function of the cleaning sweeper .

The sweeper can not charge?

- Possible reason

The power supply outlet was disconnected and no power supply was provided.

The charger is damaged and cannot be charged.

The battery is damaged and cannot be charged properly.

- Corresponding solutions

Please make sure that the power supply outlet has power, you can connect the charger to other outlets to verify.

Please check whether the charger indicator is always red, always red means charging is normal, if it is off or flashing means the charger is working abnormally, please contact our technical support to apply for repair.

If the charger behaves normally, but the battery power percentage does not increase with the charging time, it means the battery is damaged or abnormal, please contact our technical support to apply for battery replacement.

EMERGENCY SECURITY MEASURE

7 days * 24 hours real-time system alerts.

Provide fast response after-sales service within 24 hours.

Guarantee to restore the product to normal use within 48 hours.

APP DOWNLOAD

