

BuHybrid L6

ROBOTIC
POOL CLEANER

Thank you for choosing BUBLUE BuHybrid L6 Robotic Pool Cleaner.

We appreciate your trust in us to keep your pool clean and ready for your enjoyment. This manual is your comprehensive guide to operating, maintaining, and maximizing the performance of your BUBLUE BuHybrid L6 Robotic Pool Cleaner. Before you begin using your new Robotic Pool Cleaner, we strongly recommend taking a few moments to review this manual thoroughly, to ensure a smooth and trouble-free experience. If you have any questions or need further assistance while using this product, please don't hesitate to contact us at support@bubluerobot.com for prompt support.

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment. 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.

RF Exposure Information

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

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IMPORTANT SAFETY INSTRUCTIONS

Please read and follow the instructions below:

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1. Do not use BuHybrid L6 Robotic Pool Cleaner (hereafter referred to as the "cleaner") under conditions that exceed its operating limits. Before use, please carefully read this manual and strictly follow the instructions. BUBBLUE will not be liable for any losses or injuries caused by improper use.
 2. Use only accessories recommended or sold by the manufacturer.
 3. This cleaner is not intended for children or individuals with mental impairments. If necessary, it should be used under the supervision of a guardian. Do not allow children to sit on or play with the product as a toy.
 4. To prevent accidents, please secure the external power unit (power box plus power cord) in a rain-protected area during use to keep it dry and to avoid it being pulled or dragged into the pool.
 5. This cleaner does not come with a separate charger; the external power unit functions as the charger.
 6. This cleaner can be used with or without cord. When a cordless cleaning cycle is completed, please turn off the cleaner (make sure the indicator light is completely off) before removing it from the water. Allow the area around the cord port to dry before connecting the power cord.
 7. The external power unit must be plugged into a socket with leakage protection, and the socket's ground wire must be properly and reliably grounded.
 8. It is strictly forbidden to use any other power source to charge the cleaner or use its power unit to charge other battery-powered devices, as this may damage the cleaner or the power unit.
 9. Do not repeatedly plug and unplug the power supply while the cleaner is operating, as this may cause damage to the unit.
 10. Do not allow anyone to enter the water while the cleaner is operating to avoid potential hazards.
 11. Do not turn the cleaner on when it's placed on land/not in the water, as this may affect its normal operation.
 12. Clean the filter basket after each use to prevent excess debris from affecting the cleaner's performance.
 13. Store the cleaner in a cool, ventilated indoor area when not in use, avoiding direct sunlight.
 14. Only trained professionals should disassemble the cleaner's sealed box assembly to avoid danger or damage to the unit.
 15. The motor oil seal contains lubricant. In the event of a lubricant leak, it may cause light water contamination.
 16. Do not puncture the cleaner's shell with nails or sharp objects, and avoid hammering, striking, or throwing the unit.
 17. Do not charge the cleaner near open flames or under extreme heat, and do not use or store the cleaner near heat sources.
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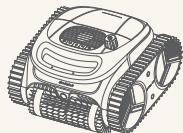
1. INTRODUCTION

BuHybrid L6 Robotic Pool Cleaner is an innovative device that supports both corded and cordless operation for automatic pool cleaning. It effortlessly cleans the pool floor and pool wall by capturing floating debris and sediment with its advanced filtration system.

This unit is powered by a lithium-ion battery pack, and is also equipped with an external power unit that serves as the external power supply. Therefore, when operating with the cord, this cleaner is powered by the external power supply, offering high-power and long-duration cleaning. When operating without the cord, this cleaner runs on its battery pack, working efficiently with great flexibility and convenience. Additionally, the cleaner can be simultaneously charged when operating with the cord. It can be charged more quickly by the cord when it's not operating.

Before using this product, please take a moment to read through this manual to ensure optimal performance.

2. PACKING LIST



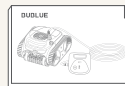
Robotic Pool Cleaner ×1



Power Unit (Power Box + Power Cord) ×1



Hook ×1



User Manual ×1



3. SAFETY GUIDELINES

1. When the cleaner is connected to the power cord, the unit will begin charging when the power box is turned on. When the cleaner is operating while charging, it is essential to ensure that the cord is tightly connected to the cleaner's cord port.
 2. Operate the cleaner in an environment with temperatures between 50°F and 95°F (10°C to 35°C).
 3. When operating without the cord, please connect the power unit (power cord plus power box) to charge the cleaner before its battery is fully depleted.
 4. When operating without the cord, be sure to tightly secure the waterproof cap on the cord port.
 5. Charge the cleaner in an environment with a temperature between 5°C and 35°C. If the battery is overheated, allow it to cool down before charging.
 6. Charge the cleaner every three months when storing it for an extended period. Please only use the original charger (the power unit) to charge the cleaner. Using any other charger is strictly prohibited. Ensure the cleaner's battery remains between 40% and 60%. If the cleaner is left uncharged for a long time, its battery may self-discharge to a level below the over-discharge protection voltage, which, if prolonged, can cause irreversible damage to the battery. Please pay close attention to this.
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4. PRODUCT SPECIFICATIONS

Product Model	C20H	Coverage Area	1615 ft ² (150 m ²)
Power Box's Input Voltage	100Vac - 240Vac; 50/60Hz	Filtration Density	Max. 180 μm
Power Box's Rated Output Current	Max. 5A	Filter Basket Capacity	4 L
Power Box's Rated Output Charging Current	Max. 2.5A	Moving Speed	Max. 36 ft/min (11 m/min)
Power Box's Rated Output Voltage	28V	Waterproof Rating	IPX8
Cable length	49.21 ft (15 m)	Cleaning Depth	Max. 3 m
Cleaning Mode	Auto/Wall/Floor/Waterline	Weight	22 lbs (10 kg)
Cleaning Cycle (with cord)	2/3/4 h	Cleaner Dimensions	16.1 inch*15.6 inch*10.9 inch (410 mm*397 mm*278 mm)
Cleaning Cycle (without cord)	Max. 120 min	Storage Temperature	41°F to 95°F (5°C to 35°C)
Charging Time	3 h	Operating Temperature	50°F to 95°F (10°C to 35°C)

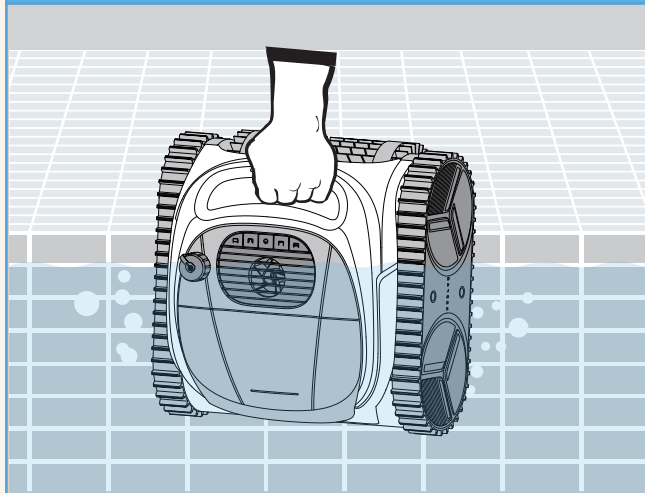
5. OPERATING INSTRUCTIONS

5.1 Cleaner Setup

When placing the cleaner into the pool, ensure that the cleaner's bottom faces the pool wall.

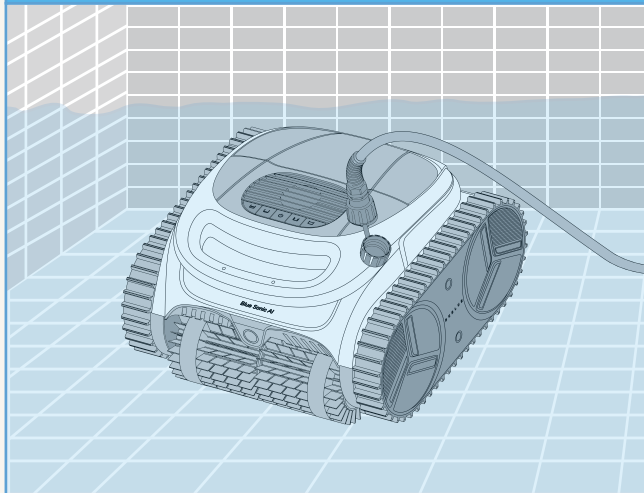
For Cordless Operation:

Press the power button on the cleaner to turn it on, then hold the cleaner's handle and gently put the cleaner into the water. The cleaner will slowly release its internal air and sink to the bottom of the pool, and begin operation after 20 seconds.






For Corded Operation:



First, connect the power cord and power box to the cleaner. Turn on the power box to supply power to the cleaner. Then press the power button on the cleaner, hold the cleaner's handle and gently put the cleaner into the water. The cleaner will slowly release its internal air and sink to the bottom, and begin operation after 20 seconds.





5.1.1 Cleaner Button Guide

Button Image	Button Function
	Power Button
	Floor mode
	Wall Mode

Button Image	Button Function
	Auto Mode
	Waterline Mode

Indicator Light Guide


Operating Status



Indicator Light Display

Normal Corded Operation	Cyan light constant
Cordless Operation: Battery Level 30%-100%	Blue light constant
Cordless Operation: Battery Level 15%-30%	Orange light constant
Cordless Operation: Battery Level <15%	Yellow light constant
Self-Parking	Yellow light flashing
Charging	Green light flashing
Charging Completed	Green light constant
Please check whether the cleaner's water inlet or belt drives are blocked. Please shut down the cleaner and try restarting it to operate in a different location. If the cleaner is charging, please first turn it off, then continue charging.	Red light flashing
Hardware Malfunction (Please contact the customer support for help)	Red light constant



5.1.2 Power Box Button Guide

Button Image	Button Function
	Power Button (Quick press to turn on; Press for 3 seconds to turn off) (If it is not connected to the cleaner within 5 minutes, it will automatically power off)

Button Image	Button Function
	WIFI (Quick press to turn on)
	Bluetooth (Quick press to turn on)

Indicator Light Guide

Operating Status	Operating Status	Indicator Light Display
Power Button	If connected to the cleaner: Communication error with the cleaner (not communicating/transferring signals with the cleaner properly)	Blue light flashing
	If not connected to the cleaner: Automatically powering off (After being turned on, the power box will automatically power off if it is not connected to the cleaner within 5 minutes)	
	Normal Operation	Blue light constant
	Not connected to the cleaner (not supplying power to the cleaner)	Blue light off
Bluetooth	Connecting to Bluetooth	Blue light flashing
	Bluetooth Successfully Connected	Blue light constant
	Bluetooth is turned off/Not connected to Bluetooth	Blue light off
WIFI	Connecting to WIFI	Blue light flashing
	Successfully Connected to WIFI	Blue light constant
	WIFI is turned off/Not connected to WIFI	Blue light off

5.2 Charging

5.2.1 Charging Instructions

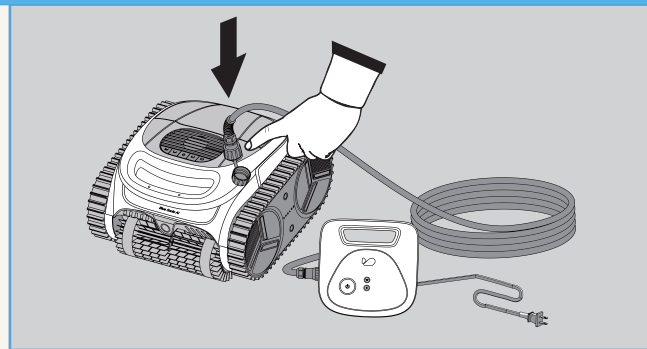
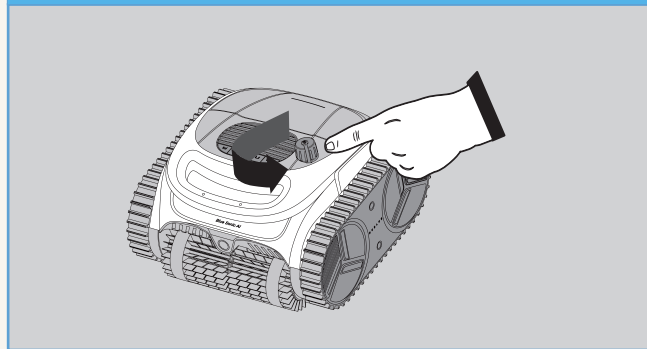
After the cleaner completes its cleaning cycle, it will automatically move to the poolside. Use the hook to retrieve the cleaner from the water. Ensure that the cleaner is turned off when charging (the indicator light is completely off).

Charging cleaner under Corded Mode:

During corded operation, the cleaner can be simultaneously charged at low power by the cord. To charge the cleaner further after its cleaning cycle is complete, please lift it out of the pool, power it off, and place it flat on the ground. After about 20 seconds, the cleaner's green light will begin flashing to indicate charging. When the green light stays constant, charging is completed.

Charging cleaner under Cordless Mode:

Please lift the cleaner out of the pool, power it off, and place it flat on the ground. Connect the power cord to the cleaner, then turn on the power box. Charging begins when the cleaner's green light starts flashing. When the green light stays constant, charging is completed.



5.2.2 Charging Indicator Light Guide

Charging Status

Charging in Progress

Charing Completed

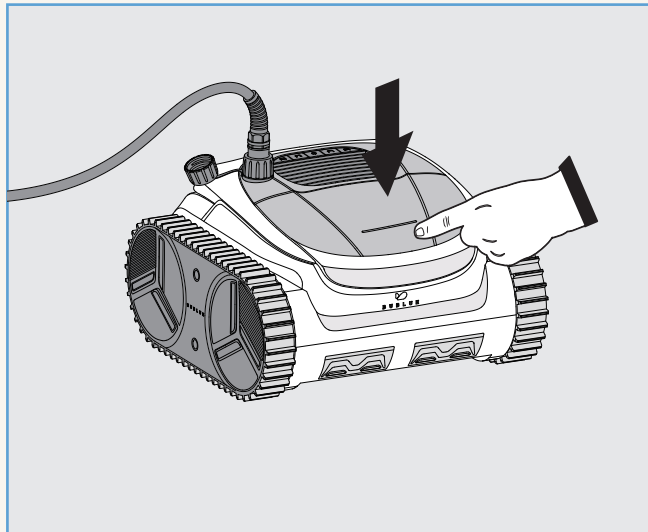
Indicator Light Display

Green light flashing

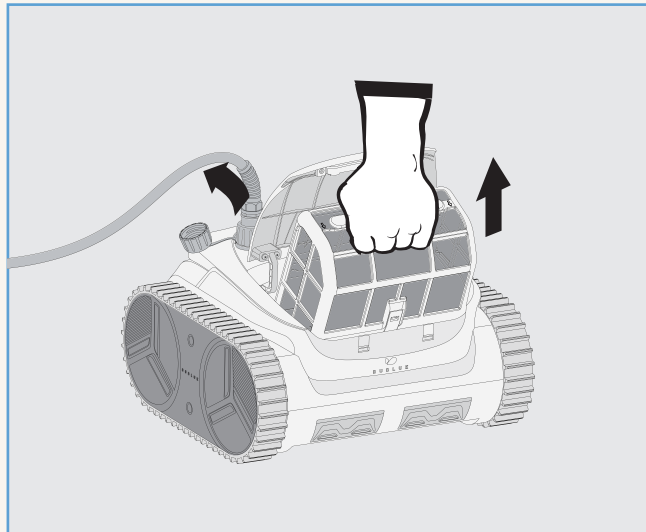
Green light constant

5.3 Filter Basket Cleaning & Installation

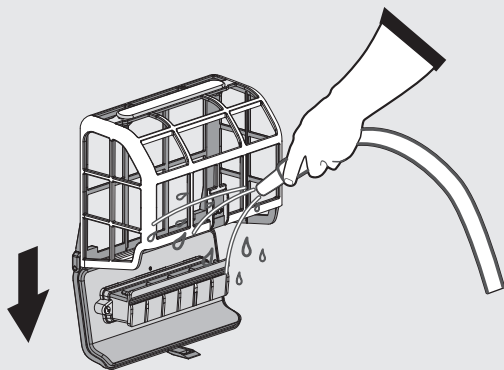
- 1 Removing the filter basket: Place the cleaner on the poolside. Use hands to pull the indicated position to open the cleaner's cover, revealing the filter basket.



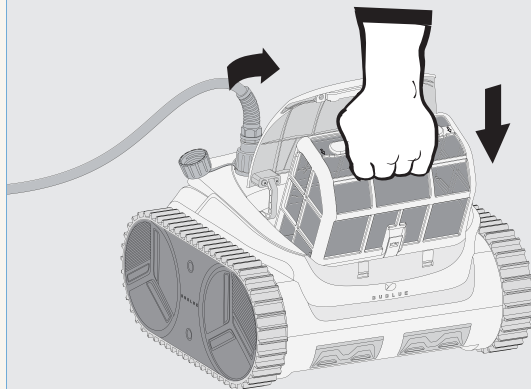
- 2 Take the filter basket out of the cleaner.



- ③ Filter basket cleaning: Rinse off the debris on the filter mesh thoroughly with clean water.



- ④ Reinstall the filter basket: Align the filter basket with the outlet and place it inside the cleaner. Close the cleaner's cover, and ensure it fits perfectly with the filter basket.





6 APP USER GUIDE

During corded operation, the cleaner can be connected to the App. You can customize the cleaner's operation modes or setups in the App. During cordless operation, the cleaner cannot be connected to the App, as such connection needs to happen via the power box.

6.1 Download & Installation

Search for the "Bublu" App on the Apple Store or Google Play. Download and install it on your phone.



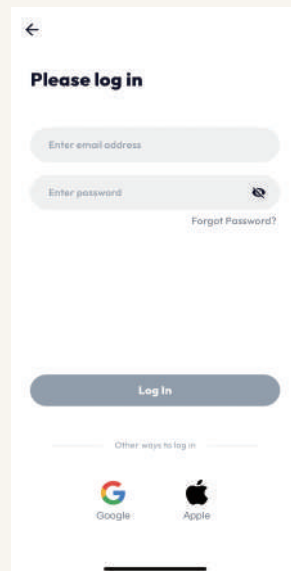
BUBLUE

6.2 Registration & Connection

01. Open the App & Create an account.

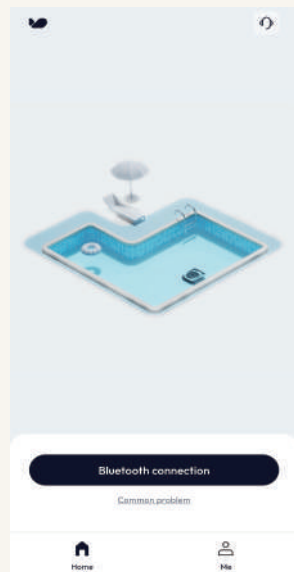


02: Log in to the account.



6.2 Registration & Connection

03: Click "Bluetooth connection".



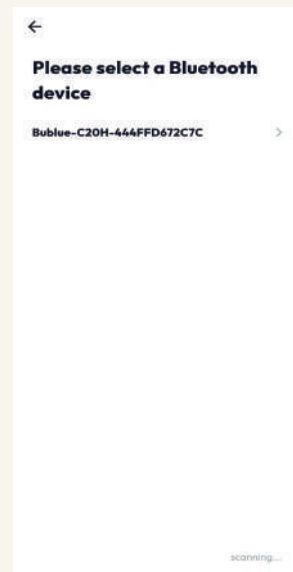
04: Choose BUBBLUE-C20H to add.



05: Turn on the cleaner's Bluetooth (Press the Bluetooth button on the power box, and make sure the button is flashing).

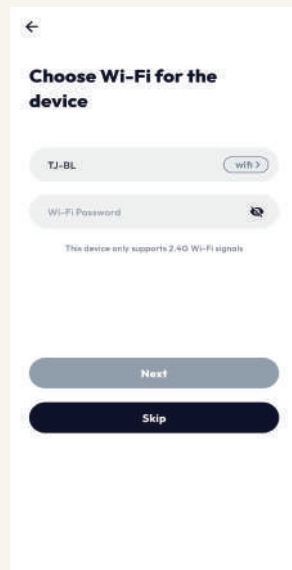


06: Select the cleaner to connect.

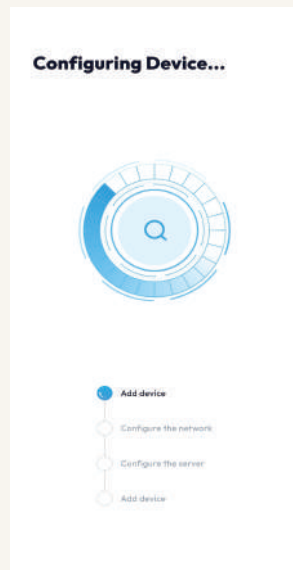


6.2 Registration & Connection

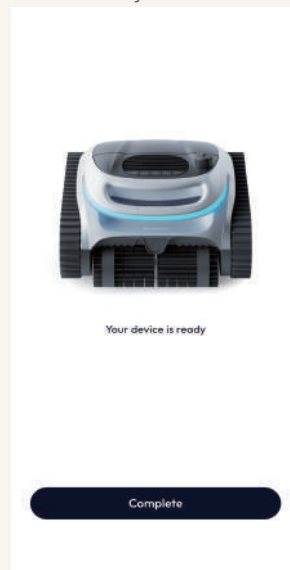
07: After Bluetooth is successfully connected, click "Select WIFI" to connect the cleaner to a WIFI network.



08: Please wait for the cleaner's registration, initialization, and WIFI connection to finish.



09: Cleaner registration and initialization are completed. Cleaner is connected to WIFI and ready to work.




6.3 Cleaner Operation: Start a cleaning task

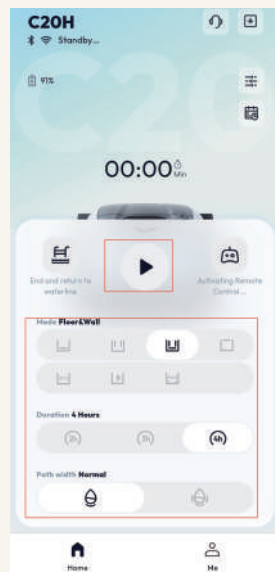
01: Make sure the cleaner is connected to Bluetooth and WIFI, and is ready to work.



6.3 Cleaner Operation: Start a cleaning task

02: Swipe up to open the adjustment module. Fine-tune the mode settings.

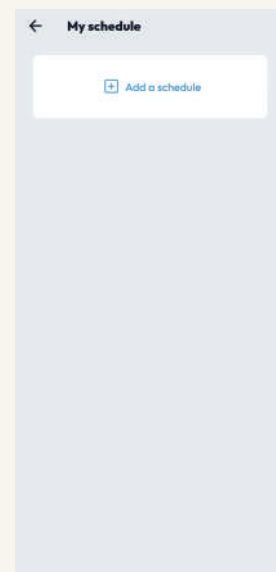
03: Press  to begin cleaning.



6.4 Cleaner Operation: Schedule a cleaning task

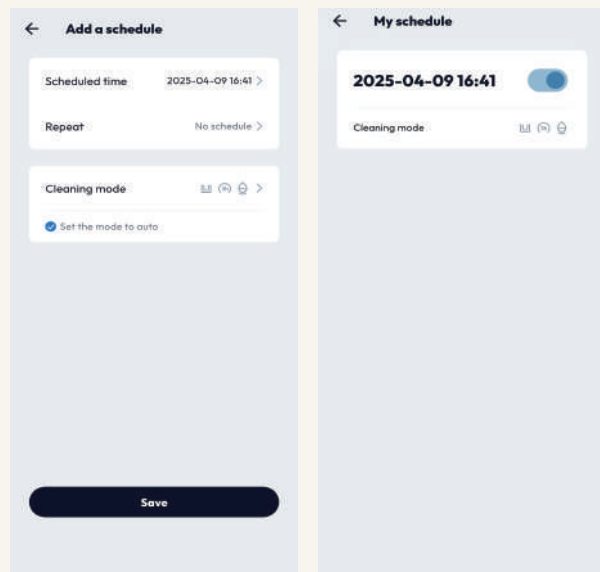
01: Press the "Calendar" icon to open the scheduling module.

02: Press "Add a schedule".



6.4 Cleaner Operation: Schedule a cleaning task

03: Select your preferred settings and complete scheduling. The cleaner will remind you 15 minutes before the scheduled appointment.

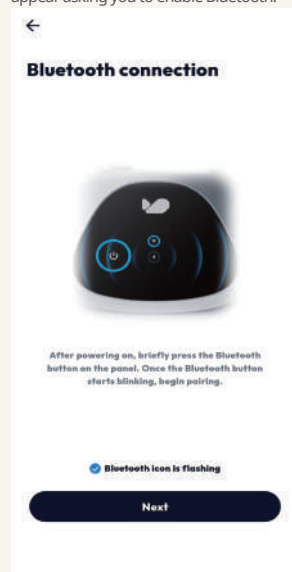


6.5 Cleaner Operation: Remote control

01: Press "Activating Remote Control".

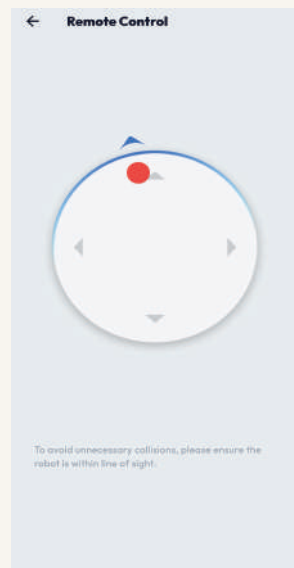


02: Ensure the cleaner's Bluetooth is turned on and connected with the App (the remote control function can only be used when Bluetooth is connected). If not, a prompt will appear asking you to enable Bluetooth.



6.5 Cleaner Operation: Remote control

03: Drag the red dot to control the cleaner effortlessly.

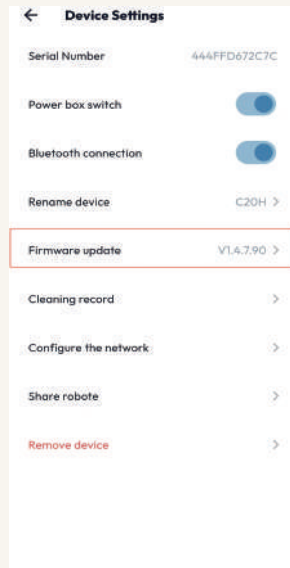


6.6 OTA Update

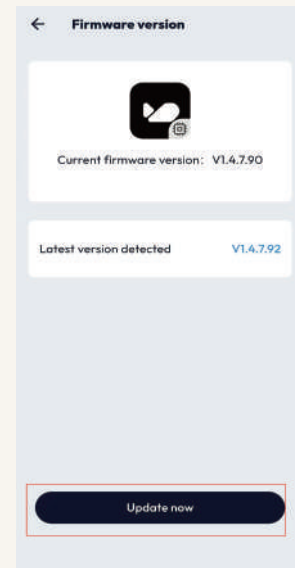
01: Press the “Settings” icon to open the Settings page.



02: Press “Firmware update”.

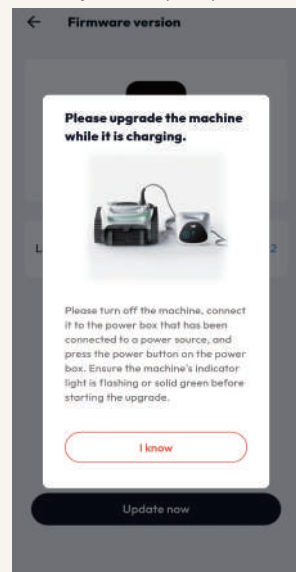


03: Press “Update now” to initiate the update process.

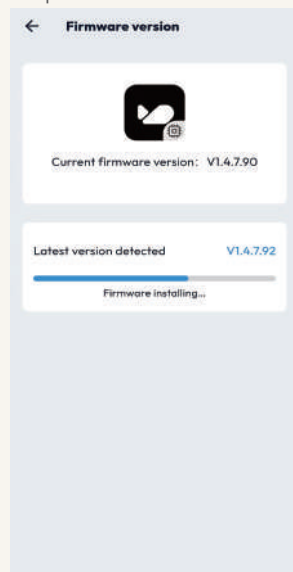


6.6 OTA Update

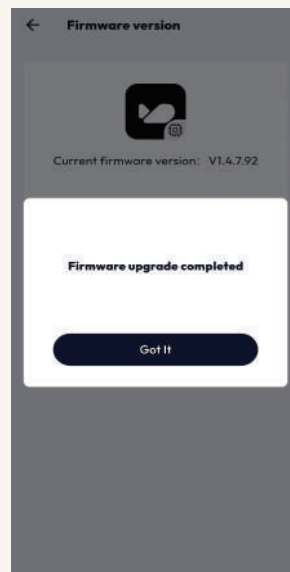
04: A prompt will appear asking you to ensure that the cleaner is charging. Press "I know" and "Update now" again to officially start the update process.



05: The update will be downloaded and installed automatically. DO NOT turn off the cleaner during this process.



06: Once the update is completed, you will receive a confirmation message.





7. TROUBLESHOOTING

Issue	Possible Cause	Solution
Red light flashing	Cleaner out of control	Press the cleaner's power button to try restarting the cleaner.
	Cleaner is lifted out of the water without being powered off	Press the cleaner's power button to try restarting the cleaner.
	Debris stuck in the impeller/belt drives	Power off the cleaner, then remove the debris.
Yellow light flashing	Battery depleted	Charge the cleaner.
Cleaner cannot be charged	Power outlet has no voltage	Check if the power outlet has voltage, or try a different power outlet.
	Power cord is not properly connected to the power outlet	Ensure the power cord is properly and securely connected to the power source/outlet.
	Loose connection between the power source and the cleaner	Check if the power cord is connected properly between the cleaner and the power box, as well as between the power box and the power outlet.
	Power box is not turned on	Check if the power box's power button is displaying blue light. If it is not, press its power button to turn on the power box.
	Water in the cleaner's charging port	Dry the charging port and try charging again.
Cleaner moves slowly or cleans inefficiently	Filter clogged	Clean the filter and remove debris from the filter basket.

If these suggested solutions do not solve your problem, please contact our customer support team.



8. WARRANTY

1.This product is covered by BUBBLUE warranty for 12 months (only for the driving kit and battery) from the date of purchase.

Consumable parts, including the filter tray, brush, wheels, and nozzles, are beyond warranty.

2.This warranty is voided if the product has been altered, misused, or has been repaired by unauthorized personnel.

3.The warranty extends only to manufacturing defects and does not cover any damage resulting from the mishandling of the product by the owner.

4.The order number or record must be presented for any claim or repair during the warranty period.



BUBLUE

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BUBLUE FACEBOOK



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