



Shenzhen ZHJABO Electronics CO.,Ltd

JABO-5CG

INSTRUCTIONS



Version number: 201509



JABO-5 bait boat is an upgraded version based on our previous models. The advantage of JABO-5 is better stability, less fault, more convenient transportation, and etc.

Main features:

- 1.The bait boat is built with high quality engineering plastic. The design is modern. The body is solid and durable.
- 2.The bait boat is catamaran design. It sails smoothly and steadily. The load capacity is big. The bait boat is suitable for fishing at the sea.
- 3.The bait boat can feed 2 hooks at the same time or separately.
- 4.All the cabins are sealed with rubber strips. It increases the waterproof level.
- 5.The power system is equipped with dual 550 extended motors. It has two 3.7V/10Ah batteries. It improves the endurance.
- 6.The bait boat has navigation lights for night use.
- 7.The front light is ideal for night fishing.
- 8.The motors use stepless speed system. The bait boat can sail all directions.
- 9.The remote control uses 433MHz frequency. It has longer control distance and better anti-interference.

Each bait boat has its unique ID code.

Basic parameters:

Size: 680mmX550mmX280mm

Weight: 7.2kg (2 batteries included)

Battery: 6.4v/10Ah lithium battery

Speed: 1.5m/s

Remote control distance: 300 meters

Bait capacity: 1.5kg X 2

Feeding hook: 2

Motor: 550 Enhanced

Main function: forwarding, reverse, left turn, right turn, feeding, fish lamp.

Sonar frequency: 200KHz

Sonar angle: 20 degrees

Depth detection range: 0.6-32 meters

The depth resolution: 0.1 meter

Bottom: local amplification

Low battery indicator: yes

Water temperature detection: 0-50 degrees Celsius

Display unit: meter/foot, Celsius/Fahrenheit

Remote control size: 185X190X55

Remote control display: FSTN 128X64 dot, 59mmX36mm

Remote control type: ratio stick

Remote control power: 4.6v-6v, 4 AA batteries

Remote control frequency: 433MHz

Remote control transmission power: 15dbm

Remote control receiving sensitivity: -110dbm

Available channels: 6

Remote control distance: 500 meters in an open space



GPS precision: 5 meters

GPS satellite capture time: 1 - 5 minutes

Current latitude and longitude display: yes

Distance measurement: yes

Destination storage: No.8

Attention:

- 1 Please charge the battery every time before using the bait boat. Please use the original 5V/1A charger
Red light is charging, green light is charged.
- 2 When the low battery alert is on(the remote control is beeping, and the front light is flashing), please charge the battery.
- 3 Please make sure the remote control is always charged fully before use, otherwise please change batteries.
- 4 The maximum load capacity for the feeding bin is 1.5kg.
- 5 Please switch off the remote control and the bait boat after each use.
- 6 Please charge the bait boat every 3 months if not in use. Keep the battery level at 70% - 80% for the best lifetime. Keep the bait boat at a dry place.
- 7 Please remove the remote control battery if not in use.
- 8 There are 2 separately batteries installed in the bait boat. Please charge them separately.
- 9 Special note: When the boat alarms low battery, user should return the boat and charge in 10 min.
Otherwise, user may lose control of this boat or damaging the battery.

Test instruction:

JABO fishing bait boat is already tested by factory. But for safety purpose, please conduct some necessary check and test before use.

Sailing light: there are 2 sailing lights in the rear of the body.

If the sailing lights flash in turns, it means the power is working fine. But it's not connected to the remote control yet.

If the sailing lights flash altogether, and the front lights flash too, it means low battery.

If both sailing lights are off, the bait boat stops.

If both sailing lights are on, the bait boat is moving forward.

If both sailing lights are flashing, the bait boat is reversing.

If the left/right light flashes, the bait boat is turning left/right.

1. Open the cabin cover on each side of the bait boat, plug in the socket, and then turn on the switches on both sides. The 2 sailing lights will flash in turns. Note: when only one switch is turned on, the other light will be off. If both switches are turned on, both sailing lights and front light are flashing, it's low battery signal.
2. Turn on the remote control. The remote light should be solid. Meanwhile, all lights on the bait boat should be off.
- 3 .Push up the left stick, both sailing lights are on. Meanwhile both motors start working.
4. Pull down the left stick, both sailing lights are flashing. Meanhile both motors start working reversely.

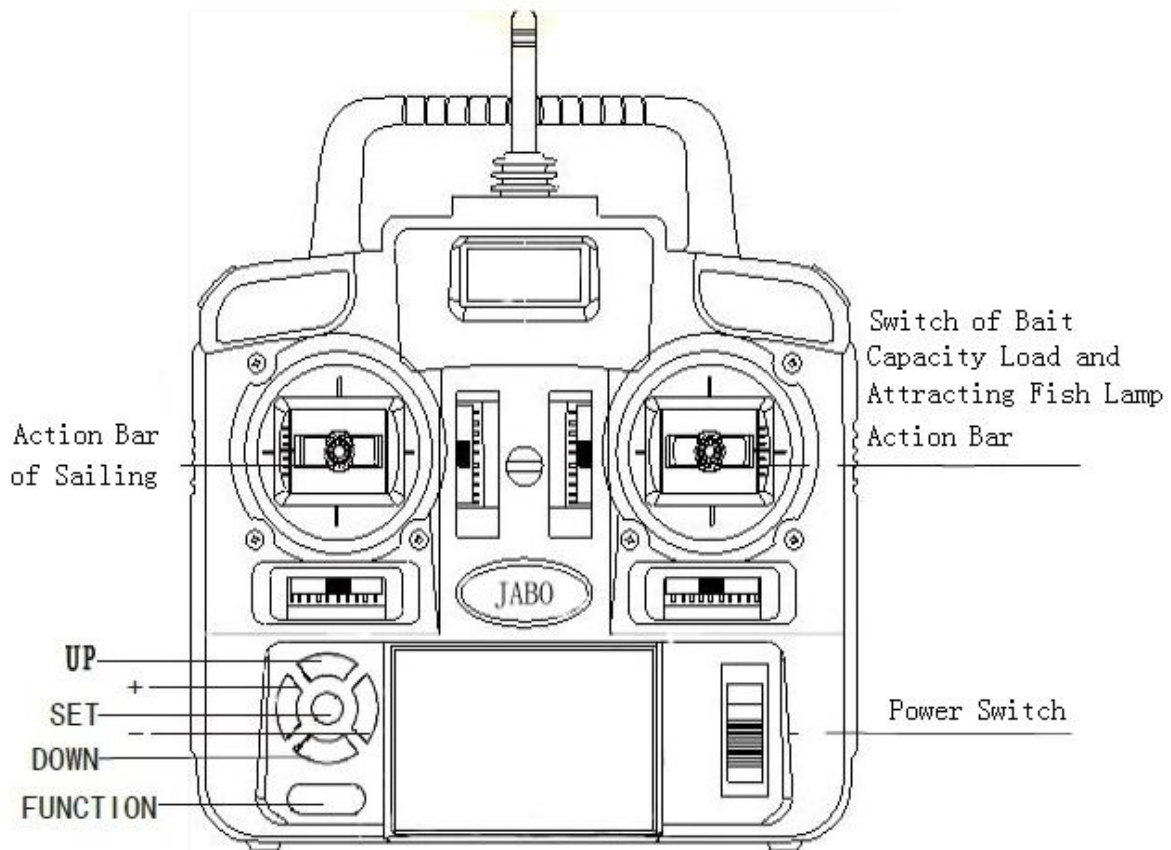


5. Push the left stick to the left/right, the left/right sailing light is flashing. Meanwhile the motors will turn to left/right.

6. **Feeding bin:** To avoid wrong operation, there is a safety button on the remote control. When operating the feeding bin, the user MUST press the FUNCTION button and push the right stick to the left/right at the same time, the corresponding feeding bin will open. To open both bins at the same time, just press FUNCTION button and push up the right stick at the same time. When the bins are open, please make sure the 2 hook pins should return to the cabin so that the fish wire can be released.

7. **Front light:** pull down the right stick to turn on/off the front light.

Remote control instruction:



Please turn on the remote control first, then turn on the bait boat switches.

Left stick: steer

Forwarding: push up the left stick gradually, the bait boat starts moving forward. Both left and right turn lights are on.

Left/right turn: push the left stick left or right, the bait boat will turn to the corresponding direction.

Reverse: pull down the left stick gradually, the bait boat will reverse. Meanwhile, both signal lights will flash.

Stop: release the left stick, the bait boat will stop moving.

The remote control display also indicates the bait boat's direction.

Right stick: feeding bin control and fishing light switch

Press FUNCTION button and push up the right stick at the same time, both bins will be open at the same time. Keep push the stick to release both hooks.



Press the FUNCTION button and push the right stick to the left/right at the same time, the corresponding feeding bin will open. Keep push the stick to release the hook.

Press FUNCTION button and pull down the right stick altogether to turn on/off the fishing light.

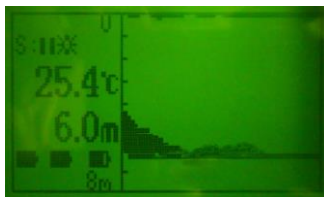
Pull down the right stick to turn on/off the front light.

The remote control display also indicates the feeding bin status.

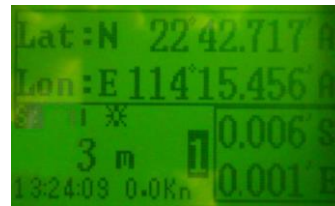
The remote control has two working modes: Fish detection mode; GPS mode.

The original state mode: Is fish detection.

Press the UP key to enter the fish detection mode



Press the DOWN key to enter the GPS mode



Turn on both bait boat switches, the signal light will be solid. If the remote control is not turned on, the signal lights will flash. Once the bait boat receives the remote control signal with same ID, the signal light will change to the corresponding status. If the connection is not successful, the remote LCD will show a demo picture for 30 seconds. If the connection is established, the LCD will show water temperature and depth on its left. When the depth is 0, it means the sonar cannot detect the water depth(the possible cause may be either no deeper than 1 meter, or too deep to detect. Maybe the sonar sensitivity setting is too low).

Each mode has its corresponding parameter setting

Fish detection: Press SET button under the fish detection mode to enter the fish detection setting page.

Once the parameters are set, the user must press SET button again to save the modifies.



Backlight switch: Press + or - button to turn it on or off.

Press the DOWN key to enter the next parameter.



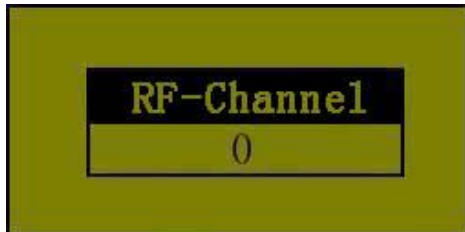
Factory check mode: Please ignore it.

Press the DOWN key to enter the next parameter.



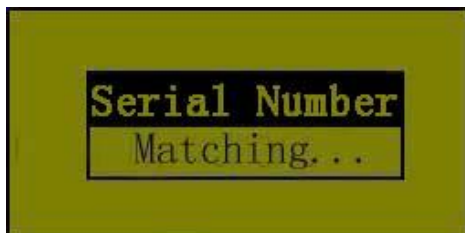
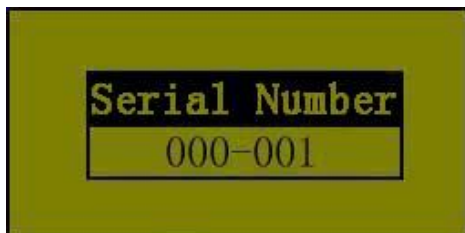
Language: Press + for English, press - for Chinese.

Press the DOWN key to enter the next parameter.



RF channel selection: When there are 2 bait boats in the same area, the user should choose different channel by press + or -. The user need to reboot the bait boat to save the change. There are 6 channels available for user to choose.

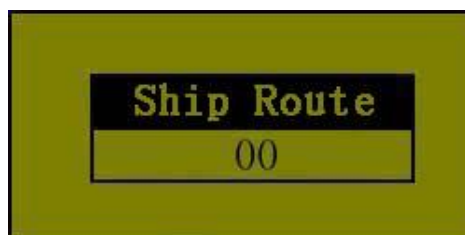
Press the DOWN key to enter the next parameter.



Each remote control has a unique serial number. the user cannot change it. It's already matched with the bait boat by factory setting. The user doesn't need to match it again unless there is a new remote or new receiver.

To do so, just press + button to enter the match mode as shown in the picture. Then turn on the receiver to search for the matching ID. It will take about 10 seconds to finish the match. Once matched, the display will show the remote's serial number.

Press the DOWN key to enter the next parameter.





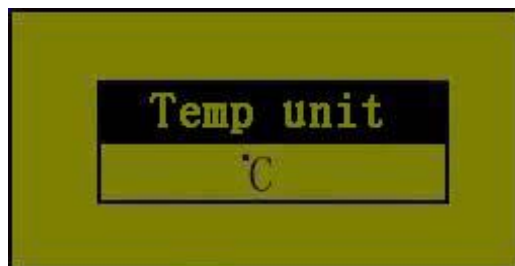
Yaw adjustment: Press + or - to adjust the yaw.

Press the DOWN key to enter the next parameter.



The bottom zoom display function: Press + or - to turn it on or off. The user can use this feature to see the details under the water.

Press the DOWN key to enter the next parameter.



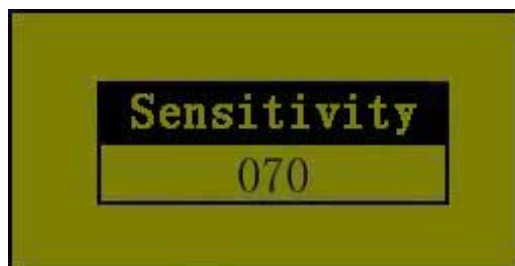
Temperature display unit: Press + for Fahrenheit, press - for Celsius.

Press the DOWN key to enter the next parameter.



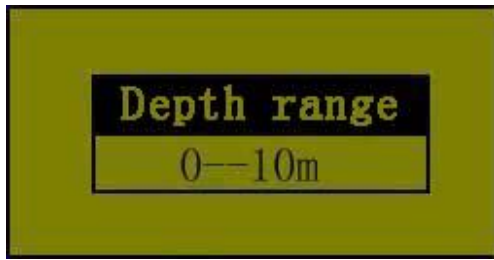
Water depth display unit: Press + for feet, press - for meters

Press the DOWN key to enter the next parameter.



Sonar detection sensitivity setting: Press + or - to adjust. When the water is too deep or unclear, the user should increase the sensitivity. The best range should be between 60 - 90. Higher sensitivity level may detect false target.

Press the DOWN key to enter the next parameter.



Water depth range setting: Press the + or - button to adjust. A proper setting can make the picture more clear. You can also set to AUTO to let the system adjust the parameter.

GPS setting: Press SET button under GPS mode to enter the GPS setting page. Press SET again to save the change.



The destination selection: press + or - to select number. The remote control can store 8 destinations (feeding point). Press and number key for a new destination.

Press the DOWN key to enter the next parameter.



store current location to the storage



Press + to send the request



Press - to confirm

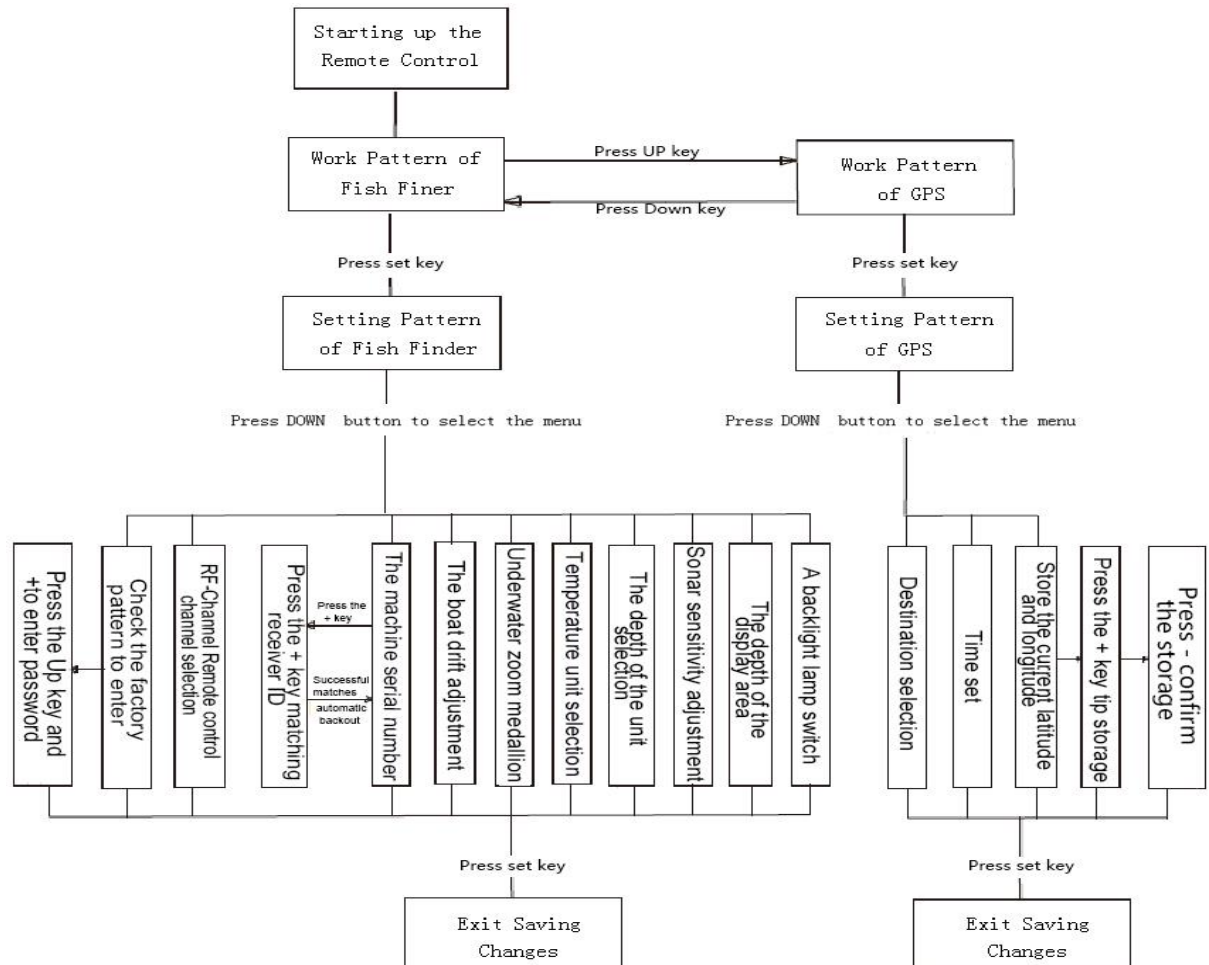
In the future, the user can get quick access of last feeding point.

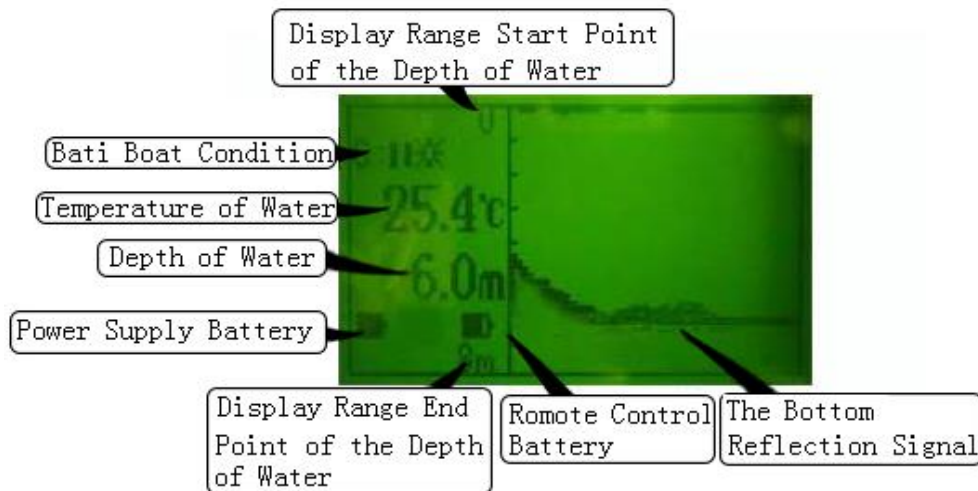


Time zone setting: Press + or - key to change time zone.

Press the DOWN key to enter the next parameter.

Fish detector uses techniques and matters needing attention

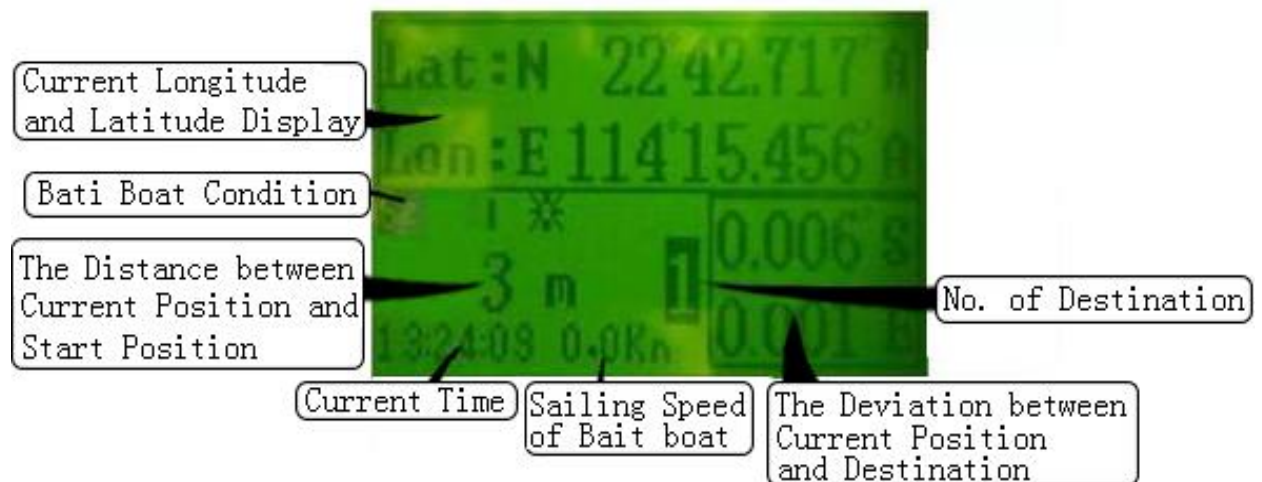




The depth range for this system is 0.6 - 32 meters. The system won't work outside of this range. If the estimated depth is shallow, we can choose low sensitivity. For example, 60 for 5 meters. The deep depth, the higher sensitivity. Try not to set the sensitivity to a very high level, it may cause false target.

Please make sure the bait boat is stable in the water when using the sonar system. The sonar system will draw a picture when the bait boat is moving.

GPS uses techniques and matters needing attention :



Note:

Due to the weather and/or location, it may take up to 1 minute to find the satellite signal. And it may take another 5 minutes for GPS to work properly. The weather condition will change the GPS sensitivity. Please do NOT use the GPS in the room. Any signal towers, big constructions, and/or big trees will lower the GPS reception. Please use it in an open space.



Distance measurement and start point setting:

When the GPS works properly, the current location will be set as start point by pressing DOWN button and FUNCTION button altogether. Distance measurement won't work with a start point. Once the start point is set, the LCD display will show the distance while the bait boat is moving. Please note: do NOT let the bait boat to go outside of the maximum control range.

Destination storage: See the section GPS parameter Settings.

Stored destinations: The storage module can save up to 8 destinations. If the user wants the bait boat to go back to the previous feeding point, just check the current location data. When the error is 0.000, then the bait boat is at the previous destination. Under GPS mode on the LCD display, the error information is shown on the bottom right corner.

Charging instruction: The user MUST use the ORIGINAL charger come with the package to charge the bait boat.

Input: AC 110V - 240V

Output: DC 5.5V

The user MUST turn off the switch when charging the bait boat.

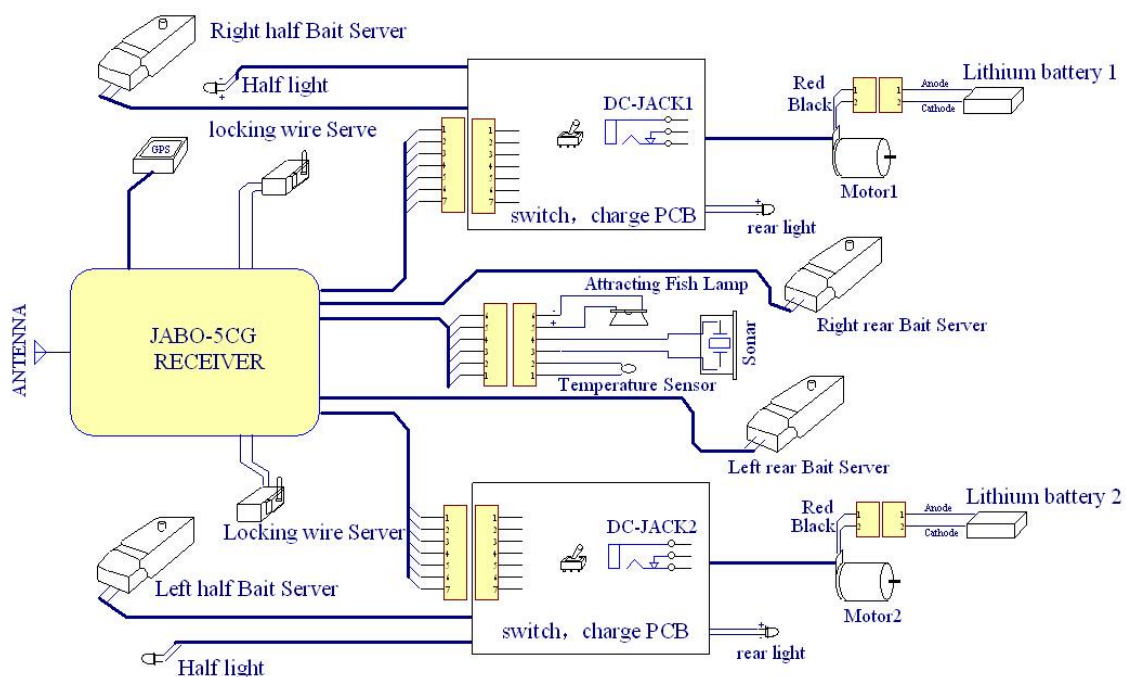
Charging indicator: Red light – Charging Green light - Charged

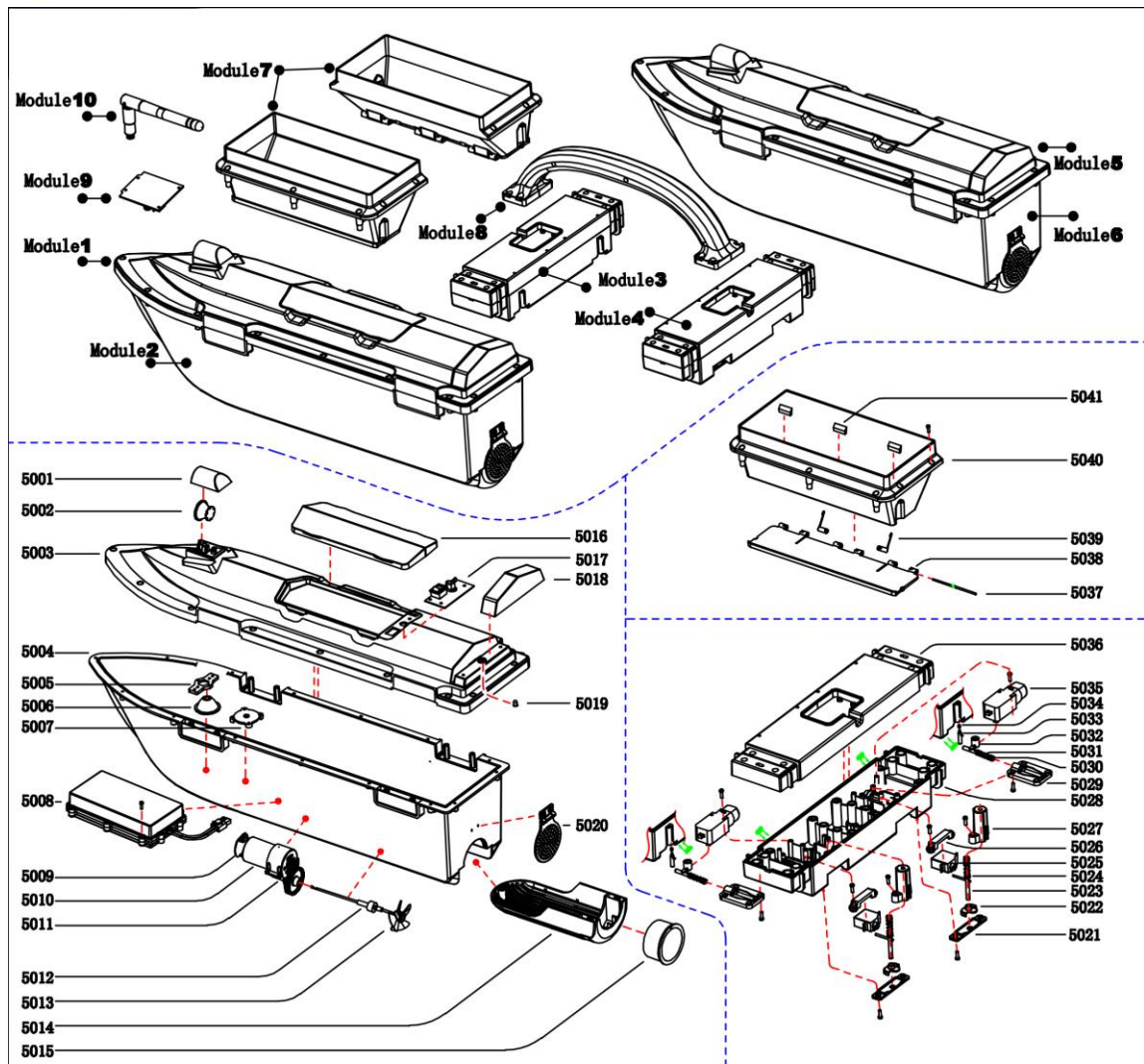
Red/green flash - maloperation due to turning on the switch, charging interrupted.

Troubleshoot:

If you are having difficulty plugging the socket, please do not push any harder. Slightly twist the plug, it should solve the problem.

Always equipped with figure:





No	Designation	Quantity	No	Designation	Quantity	No	Designation	Quantity	No	Designation	Quantity
5001	Headlight cover	2	5015	Propeller fairing	2	5027	Hang line column bracket	2	5038	Tipping bucket bottom cover	2
5002	Headlight (lens)	2	5016	Battery cover	2	5028	Front (rear) axle baseplate	2	5039	Tipping bucket spring	4
5003	cabin cover (left, right)	2	5017	charging panel	2	5029	Tipping bucket pin cover	4	5040	Tipping	2
5004	hull bottom	2	5018	tail light cover	2	5030	Tipping bucket pin spring	4	5041	Tipping accessories	6
5005	Bottom lamp plate	1	5019	tail light	2	5031	Tipping bucket pin	4	Module1	Left cabin cover	1
5006	Bottom lamp (lens)	1	5020	guard	2	5032	Tipping bucket gear box shifting yoke	4	Module2	Left hull bottom	1
5007	Probe	1	5021	hanging column plate	2	5033	stop pin	4	Module3	front axle	1
5008	lithium battery pack	2	5022	hanging column Auxiliary parts	2	5034	stop pin spring	4	Module4	Rear axle	1
5009	driver board	2	5023	hanging line column	2	5035	Tipping bucket gear box	4	Module5	Right cabin cover	1
5010	Motor	2	5024	hanging column spring	2	5036	Front (rear) axle upper cover	2	Module6	Right hull bottom	1
5011	Power gear box	2	5025	hanging line steering engine	2	5037	Tipping bucket bottom shaft	2	Module7	Tipping	2
5012	Output Shaft copper sleeve	2	5026	steering engine plate	2				Module8	handle	1
5013	propeller	2							Module9	Receiving plate	1
5014	protection cover	2							Module10	antenna	1