

A letter to the customer

Dear customer:

Thank you for your purchasing our multifunctional fishing bait boat. Before using it, Please take a moment to read this manual carefully. Through the manual , you may get the information of the technical specifications, operating instructions and maintenance. If you fail to use the boat as the manual requires, and therefore any fault and loss caused by this will not be our responsibilities.

Please check the package according to the page 4. If there is any missing parts. Please contact the distributors.

We reserve the right of final explanations for any improvements we may make for better functionality and reliability of the products.

Please fill in the warranty card and send us the copy by e-mail. You may find our contact details in the Chapter.

Please go WWW.CARPROIN.COM for more information about our other products.

We hope that you will enjoy using this boat for many years.

Thank you and best regards.

Changzhou Dongzhou outdoor technology Co.,Ltd.

1. Technical Specification

Product Name	DZ Swift Fishing Bait Boat		
Model	DZ-720	DZ-1000	DZ-1760
Boat Weight:	9.5kg – including batteries		
Bait load capacity Max.:	6kg		
Hoppers	1 big hoppers		
Motor	Energy Saving Motor, High-speed ,Ultra-quiet		
Sailing Speed	No load 120 Meter/minute; Full load: 80 M/min		
Remote Distance	~500 Meter		
Remote Frequency	5.8 GHz 6 channel		
Battery For Boat	Lead-acid	Li-ion battery	Li-ion battery
Power Supply	6v 7.2Ah	12V 10Ah	12V 20Ah
Sailing Time	~2 Hours	~4 Hours	~6 Hours
Power voltage	DC 12V	DC 12V	DC 12V
Charger voltage & Frequency	AC110V-240V. 50/60 HZ	AC110V-240V. 50/60 HZ	AC110V-240V. 50/60 HZ
Battery For Remote Control Handset :	4pcs rechargeable battery; Ni-MH AA2500mAh/ 1.2V		
Dimensions (L x W x H)	690mm * 435mm * 255mm		
carton size (L x W x H)	750mm* 470mm* 310mm		
Gross Weight:	10.5 KG		

2.Fishing Bait Boat Pack Contents:

All Fishing Bait Boats come as standard with the followings:

1. Fishing Bait Boat1pc
2. 6 Channel 5.8 GHz Remote control handset1pc
3. Rechargeable battery for the bait boat2pcs
4. Ni-MH AA 2500mAh 1.2V rechargeable battery for the remote control handset 4pcs
5. AC110V-240V DC 12V home charger for bait boat 1pc
6. 1.2V home charger for handset1pc
7. Carrying bag in Dark green with thick padding 1pc

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Bait boat optional accessories(FOR OPTION,NOT INCLUDING):

1. Spare batteries for option
 - A. Lead-acid battery 6V 7.2Ah for sailing ~2 hours
 - B . Lithium battery 12V 10Ah for sailing ~4 hours
 - C. Lithium battery 12V 17.6Ah for sailing ~6 Hours
2. Wireless fish finder

3.Specification and Features

The bait boat comes with following outstanding features:

1. 5.8GHz 6 channel radio system-really superb range and less susceptible to interference. Boat handset range is 400m-500m depend on weather and environmental conditions. Using AA rechargeable batteries and handset charger comes as standard.
2. It can save 82 different points ('O' point , 'Starting' point and 80 fishing points) ,The boat can automatically save the 'O' point, when the hull hitting the water, if you are not satisfied with the automatically saved 'O' point, You can also manually change the saving 'Starting' point. The system completely avoids the user's worries that the user forgets to save the starting point and cannot make the boat self-driving return, It avoids the loss of boat;
3. Boat can cruise automatically between any saved fishing points;

4. It can calculate the effective range between starting point(or O point) and fishing point well;
5. During the whole cruising, boat can continue to go automatically when the signal is lost less than 10s due to environment disturbance. When the signal is lost more than 10s, boat will go automatically back to the starting point. It avoids the loss of boat
6. Remote control handset can show the longitude and latitude of the boat.
7. Independent hook (rig)release system in the back can be individually controlled and take the rig to the spot which you want.
8. Two quality direct drive motors and propellers provide extremely powerful propulsion and battery life-fast, efficient and quiet.
9. The quality weed guards keep less susceptible to weeds/line.
10. On and off waterproof rocker switches. All switches and charging sockets are waterproof .
11. Buzzer sound and LED flash giving the battery condition of the remote handset. During the whole running, when the power of boat is low (the green indicator light flash), boat will go back automatically . It avoids the loss of boat;
12. The front LED light is operated by remote control, it could improve the brightness when the visible condition is not so good or in the night.
13. The Left red and Right yellow signal lights at back show if the boat

have signal when sail the bait boat.

14. ultra high intensity LED red & green light in the middle of the rear back, giving accurate battery power information .

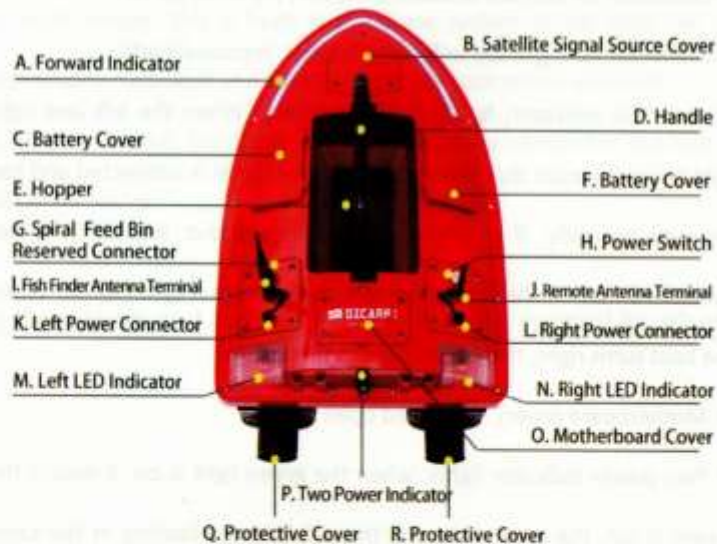
15. Watertight removable battery system in the central hull provides easy access to change the battery.

16. New circuit design for longer cruising range and faster boat speed.

17. Wireless fish finder is an optional to this bait boat.

4. Operation Guide

A: Operation and function of the Boat:



A: Forward indicator light: is operated by remote control, it could improve the brightness when the visible condition is not so good or in

the night;

B: Satellite signal source cover;

C: L Battery cove; (back with Left text)

D:carrying Handle;

E: Main Hopper;

F: Battery cove; (back with Left text)

G. Spiral Feed Bin Reserved Connector; (optional parts)

H:Power switch;(boat main power switch)

I: Fish finder antenna terminal; (optional parts)

J: Remote antenna terminal;

K: Connector for Left self unloading hopper; (optional parts)

L: Connector for Right self unloading hopper; (optional parts)

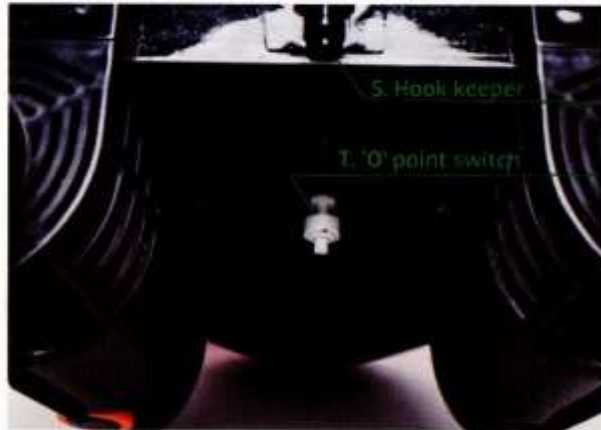
M. Left LED indicator; N. Right LED indicator; When the left and right light is on, it means that the remote control signal is connected and can be used normally. If it is not light, it means that the signal is not connected . When the boat turns left, the red signal light flashes. When the boat turns right, the yellow signal light flashes;

O: Motherboard cover; (No need open)

P: Two power indicator lights, when the green light is on, it means the power is full, the green light and the red light are flashing at the same time, the boat needs to return and to be charged. When the red light flashes, the remote control also will alarm for weak battery; boat will

come back automatically.

Q/R: Protective Cover



S. Hook keeper: this is hook (rig) release system in the back can be individually controlled and take the rig to the spot which you want.

T. 'O' point switch: the return point automatically saved after the boat is put in the water.

B.Operation and function of the remote control handset:



1. VRA Knob (Balance the speed of 2 motors and keep the boat go straightly. When the boat go to left side, turn the VRA knob anticlockwise, the boat will turn left a little. When the boat go to right side, turn the VRA knob clockwise, the boat will turn right a little .Please make the indicator at middle position during the whole using process(at position of 3 o'clock);
2. VRB Knob (set the warning voltage of the boat from 9v-11v ,the detail function pls see No.7 ()Ready to sail the boat);
3. On/off switch of all lights;
4. On/off Switch of the forward lights;
5. Left joystick (control the bait hopper door & hooks) ;
 ↑ —push up one time , open bait hopper door , the hopper door will

close automatically after 5 seconds;

↓ --push down one time, release hook; (Frequent operation is strictly prohibited. We suggest 1 min apart)

← push left one time, open left bait rear hopper; (Frequent operation is strictly prohibited. We suggest 1 min apart.)

→ push right one time, open right bait rear hopper; (Frequent operation is strictly prohibited. We suggest 1 min apart.)

6. Right joystick; (control the movement of the boat)

↑ go forward ↓ go backward ← turn left (red light flash)

→ turn right (yellow light flash)

↖ go left front ↗ go right front ↙ go left rear ↘ go right rear

7. Ok (confirm)

8. Up (select key)

9. ESC (quit)

10. Down (select key)

11. Screen backlight switch. When display is off, press it, display will be on again.

12. Master switch (turn on/off the power of remote control)

13. Main screen; The instruction as followings:



1. Voltage of boat
2. Warning voltage of boat
3. Voltage of handset
4. How many satellite signal you received
5. The direction of the boat



14: battery box: put 4 pcs of 1.2V 2500mAh Ni-MH battery inside;

15: battery cover;

16. Remote control program update socket (user don't need pay attention);

C: Menu setting

Note: UP/DOWN---select key; OK --- confirm; ESC --- quit

1. Turn on the remote control handset Master switch, the main screen will display clearly, You can see the power of the remote control and the warning power of the boat, then turn on the boat Power switch,

wait for the GPS signal , then you can see the boat's direction, number of satellite, the real power of boat. When the number of satellite is more than 12, automatic feature can be set and operated.

2. This boat is designed with an automatic return point, 'O' point. When the boat or remote control is in the state of power shortage, the boat will automatically drive back to the 'O' point . The operation is as follows:

Put the boat into the water, the remote control will pops up 'O' point and automatically save the 'O' point while the hull hitting the water, accompanied by a tone. If the 'O' point did not appear on the screen, and did not hear the sync tone. Then Please turn off the power of the boat for 1 minute and try it again until the screen appear :



3. Set the starting point

When you are not satisfied with the 'O' point, you can also choose to save the starting point as return point manually. The saving method is as follows:

Press the ESC key return to the main menu, press the DOWN key twice to

pop up the starting point interface (black shading is selected), starting point can be chosen, long press 'OK' key to confirm, then press the UP and DOWN key to select "yes" or "no", Select what you want, if you want to confirm yes, press 'OK' key, it will be saved well.



Note: The manually saved return point will not automatically return to the starting point when the boat or remote control is out of power. You must manually call the saved starting point and the boat will return to the starting point.

4. Set fishing point

After saving the starting point, press the ESC key to return to the main menu, press the DOWN key once to enter the selection interface of the fishing point, long press 'OK' key to confirm, then press the UP and DOWN key to select "yes" or "no", Select what you want, if you want to confirm "yes", press 'OK' key, it will be saved well.

We have total 80 fishing point to be saved, you can take the boat in water and go where you want, and can save the fishing points from

No.1-80 to release bait and hook accordingly. Press the UP key you can select different point to be saved. The operation of saving is same as above.



5. How to Call the save point:

5-1 If you want to go back to the starting point or O point or go to the saved fishing points, press DOWN, it will show save, call and exit on the display. Press OK again and choose call. Hold down OK, confirm yes or no. If you confirm yes ,press OK again.

5-2 After fishing call, press ESC to go back to the main menu.

5-3 According to the above operation of call, boat can run automatically between any fishing points.

5-4 During the whole running, press UP, you can see the longitude and latitude of boat. Press UP again, you can see the range from the starting point to the next fishing point. Press ESC, you will go back to the main menu.

6. How to EXIT:

If the boat is blocked by some obstacles during the running you need to stop the boat, There are two ways:


1. Press and hold the '11 key - Screen backlight switch' for 3 seconds, the screen will show 'are you sure?' ,press 'OK' .

2. Press ESC and go back to the main menu, then press DOWN, On the bottom of the screen, it show SAVE, CALL and EXIT , Press OK again and choose EXIT, then hold down OK again, confirm YES or NO, press OK.

Now , the boat stops automatic running. Operate the right joystick by your hands please, keep away the boat from the obstacles, and you can manual operate the boat go forward or go back, and also you can CALL your fishing point again, then boat will resume automatic running again.

5.Charging the handset battery:

Charge the remote control handset battery with home charger:


When the voltage of handset is lower than 4.2V, handset will have buzzer sound, and also the " Voltage of handset icon"  on the remote display will flash at the same time, NOW, handset can't be used again, it should be charged.

Please take out 4 batteries from handset and put them into the charger connect the charger to 110V-220V power, it will start to work. The display will show "CHG" when being charged, and icons will move constantly. When these 3 icons are full and stop moving, it means the batteries are full of power. Usually, it needs about 6-7 hrs.



6.Charging the battery of bait boat:

charge the battery with home charger:

When the voltage of the battery of the boat is lower than 9.8V, the handset will have buzzer sound. And also the "Warranty voltage of boat icon"  on the remote display will flash at the same time, NOW, the battery of the boat can't be used again, it should be charged.

A. Connect the battery charger socket to the white connector of the home charger. Plug the charger into the wall socket. A red light will light up. If the light on the charger is green, the batter is fully charged.



B. you also can charge the battery with the chargers and you don't have to take the battery out of the boat but please be sure that

the power switch is off.



7. Ready to sail the boat

A. Load and dump the bait. Left hand joystick operates the bait hopper doors.

1. Load bait hoppers with your favorite particles.
2. Moving the left hand joystick to the front will drop bait hopper door.
3. The hopper doors can be closed automatically after 5 seconds.

B. Load and release the rigs.

1. Insert your line(s), rigs or hooks in the back of the bait boat;
2. Moving the left hand joystick down will drop rigs.

C. Sail the boat.

1. Turn on the radio control transmitter(handset).
2. Turn on the boat by pressing the on and off main power switches.

3. Place the boat in the water and sail to the desired destination.

D. Return the boat to the bank side

1. Do not stop or pick up the boat by the aerial, as damage will occur.

2. Switch off the boat, then the transmitter.

D:Note:

1. Always turn on the handset first, and then the boat. And also turn off the boat first and then the handset. This will ensure that you are always in control of the boat. Basically the handset is the brains for the boat, if the battery becomes low you may lose control of the boat.

2. How to adjust motor thrust:

It is probable that the boat will not drive absolutely straight as a result of the rotation of water within the pumps, differing loads, winds and water conditions. The motor trim knob on the up-left of the remote control handset (item No.5 VRA Knob) has little effect on either motor. Continued correction using the VRA knob is therefore necessary for straight line running.

(1) Turn the VRA knob anticlockwise, the boat will turn left.

(2) Turn the VRA knob clockwise, the boat will turn right.

3. Set warning voltage of the boat

The 9.8v is warning voltage of the boat. It can be adjusted by VRB Knob.(setting range is from 9.00v to 11.00v) we suggest set the warning voltage to 9.8v, that means when the boat battery less than 9.8V, the handset will have buzzer sound, and let the boat go back, when the alarming voice becomes rapidly, please stop using, otherwise the boat perhaps won't be back due to the low battery.

4.Fail-safe: The Range of the boat is 400m-500m depend on weather and environmental conditions. In case the signal is weak, the boat will no longer go forward but make a big circle and come back to the range you can control.

8.Maintenance

- 1) After the use of the boat, please check if the propellers on both sides are clean. If there is a foreign object, please clean them, which is good for extend the life of the motor.
- 2) After the use of the boat, please wipe off the residual water on the surface of the hull, which is good for extend the life of the ship.
- 3) It is important that transmitters is not turned off before the boat.
- 4) When the boat battery is not used for a long time, it is necessary to

charge the battery regularly to extend the battery life (charge the battery every three months)

3) When you do not use the boat for a long time or prepare to store it, please make sure to open the battery cover of the ship, and separate the boat battery and the remote control battery separately.

9. Warnings

1. The signal of satellite is effected by the weather or geographical location, so time of the signal reception is different. It always need about 1-5 minutes from turn on remote control and boat to ensure the stability of signal.

2. Pls confirm that the remote control receives 10 satellite signals before you put the boat into the water, otherwise the boat will fail to save O point automatically , then it will cause the boat unable to return to the O point when the remote control handset or boat in the state of the power shortage or loss the signal.

3. Indoor signal is weak, please use it outdoor.

4. GPS will be interfered seriously when there's launching tower or high-voltage substation around, so avoid this situation please.

5. The antenna is the best conductor of electromagnetic wave and

thunder, so please don't use it in the thunderstorm weather.

6. Please don't use this equipment in the blasting zone, it will be very dangerous.

7. Electronic compass is easily interfered by the surrounding environment, so please don't use it when there's electromagnetic field, metal mining area, high-voltage wire and so on.

8. To ensure the normal operation of all features, please clean the boat well after use, open the battery cover and place it in the ventilated place.

9. When you charge the boat directly, please open the battery cover, or take the battery out of the boat and charge.

10. Lithium battery use precautions:

a. Please use our charger to charge the battery.

b. It is strictly forbidden to drop the battery into the water or use it when it rain, otherwise it will cause danger of burning. Please check the cabin for water ingress at the end of each fishing. If there is a trace of water, please open the battery cover in time to ensure the ventilation state, and ensure that the cabin is dry before each use.

c. When the boat is not used for a long time, please take out the battery from the boat, and put it in a ventilated place, and charge the battery every three months. If the battery is not charged for a long time, the battery capacity will be insufficient.

- d. Lithium batteries are forbidden to contact children. It is forbidden to expose to the sun, put into the fire or place the edge of the fire. It is forbidden to disassemble by itself. It is forbidden to squeeze, fall through the package, prohibit short circuit, and prohibit the battery from entering the water. Otherwise, additional costs will be incurred for repairs and other expenses.
- e. The lithium battery is usually charged for about 7 hours. When the charger light turns from red to green that means the battery is full.
- f. The warranty for lithium batteries is 6 months, and the warranty for the charger is one year (based on the date of the service card)

Warranty

We will provide you with a 24-month warranty from the date of purchase. The warranty covers any defects arising from the drive unit and the electrical and electronic parts of the boat, faulty material or workmanship. It does not cover batteries, damage arising from improper use, breakage, or normal wear of the boat or associated equipment. The warranty is invalidated if repairs or modifications are undertaken by unauthorized persons.

Common Problem & Solutions

	Problem	Cause	Solution
1	No reaction after power-on	①No battery installed ② the 2 batteries are not connected ③ The power cord is not connected	Install the battery and make sure the battery connections are all connected.
2	Turn on the boat's power, only the left motor rotates	① Not turn on the remote control ②The boat and the remote control cannot connect	Turn on the remote control and confirm the signal light is on.if no please check the signal line connect well, or please contact after-sales service
3	Hopper door can not opened	①The axis of the door does not turn ② Control board circuit failure	Change the control board , or change the axis of the door
4	The boat's front bar light is off and the function indicator is off.	①The boat has not advanced, the front light switch is off ②Indicator cable disconnected ③Control board circuit failure ④LED lamp damage	Turn on the front light switch; put the left joystick UP; insert the indicator light link.
5	The boat to the left or right	①Uneven speed of the two motors ②one propeller wrapped by grass or fish line ③one propeller breakage	Check if the propeller is in good condition . Exclude the above 2 points to contact after sales.
6	Motor sound is abnormal	①Motor broken ②The propeller is wound	Clean the wrap on the propeller. Or change the motor
7	Cabin leak	①Sealing strip aging ②Hull damage	Check the purchase period of the boat ,Check if the hull is seriously collided and cracks, change the sealing strip or change the hull