

JABO JABO 5CG

JABO 5CG Automatic Navigation Bait Boat User Manual

Model: JABO 5CG

1. INTRODUCTION

The JABO 5CG is a third-generation intelligent bait boat developed and produced by ZHJABO. This advanced bait boat utilizes GPS positioning and electronic compass navigation to provide precise control and automated functions for fishing. It is designed to enhance your fishing experience by offering features such as automatic navigation to target points, automated bait release, and automatic return to the starting point.

In addition to its primary bait delivery functions, the JABO 5CG also integrates a fish finder, fish lure lamp, and water temperature measurement capabilities, making it a comprehensive tool for modern anglers.

2. PRODUCT OVERVIEW

2.1. Components

The JABO 5CG system consists of the bait boat unit and a remote control. Familiarize yourself with the various parts of both components for optimal operation.



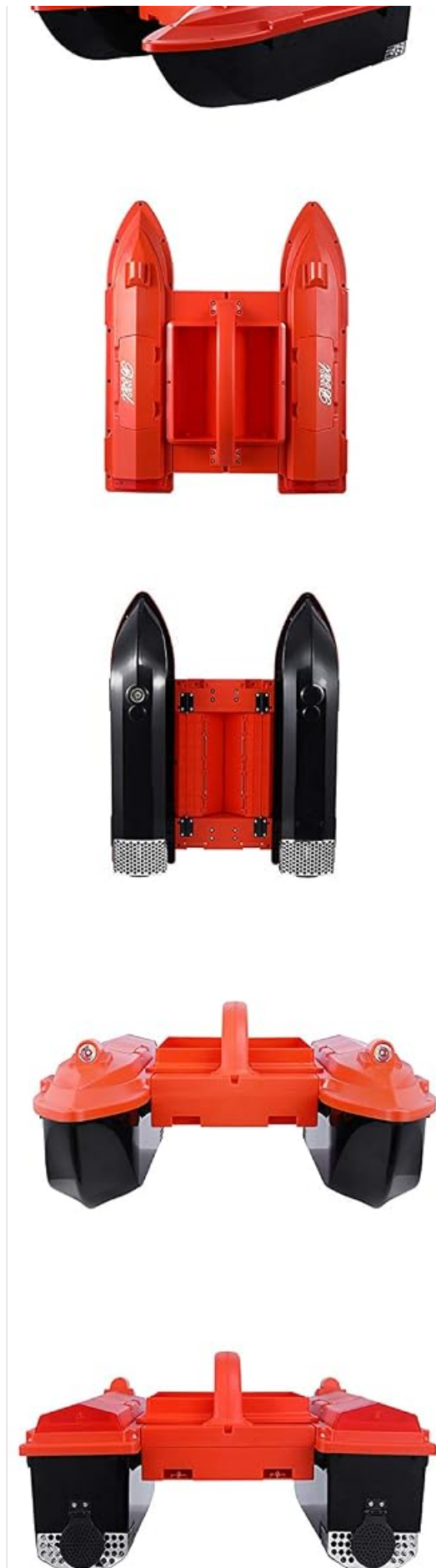


Figure 2.1: Labeled diagram of the JABO 5CG Bait Boat, showing the handle, front beam, left/right front lights, left/right hatch, left/right battery compartments, left/right bait silos, left/right turn signals, back beam, fish lure, sonar, right/left hull, stainless steel propeller cover, bait silo baffle lock, bait silo baffle, left/right hanging line devices.

- **Bait Boat:**

- **Handle:** For carrying the boat.
- **Front Beam & Back Beam:** Structural components.
- **Front Lights:** For visibility, especially during night operation.
- **Hatches & Battery Compartments:** Access points for batteries.
- **Bait Silos:** Two oversized compartments, each capable of holding up to 2KG of bait.
- **Turn Signals:** Indicate direction.
- **Fish Lure Lamp:** Attracts fish.
- **Sonar:** For fish finding and depth measurement.
- **Propeller Cover:** Stainless steel cover protecting the built-in propeller.
- **Hanging Line Devices:** Two devices for attaching fishing hooks.



Figure 2.2: Labeled diagram of the JABO 5CG Remote Control, showing the left handle (joystick), right handle (joystick), Up/Set/Left/Down/Right buttons, Safety button, automatic/manual switch, Display mode selection, Navigation function selection, and power switch.

• Remote Control:

- **Left Handle (Joystick):** Controls boat movement.
- **Right Handle (Joystick):** Controls boat movement.
- **Directional Buttons (Up, Set, Left, Down, Right):** For menu navigation and settings.
- **Safety Button:** For specific functions.
- **Automatic/Manual Switch:** Toggles between navigation modes.
- **Display Mode Selection:** Changes information displayed on the LCD.
- **Navigation Function Selection:** Selects navigation-related features.
- **Power Switch:** Turns the remote control on/off.
- **LCD Screen:** Displays operational data and settings.

2.2. Key Features

- **Precise GPS Positioning:** Navigation accuracy of approximately 2 meters.
- **Target Point Storage:** Can store up to 8 target bait points, allowing for repeated and accurate bait/hook placement.
- **Automatic Navigation:** Automatically navigates to stored target points and returns to the start point.
- **Automated Bait & Hook Release:** Two oversized bait silos (2KG capacity each) and two hook devices for efficient deployment.
- **2.4G Frequency with 250 Channels:** Allows multiple bait boats to operate in the same area without interference.
- **Automatic Start Point Setting:** The boat can automatically set its start point if not manually configured.
- **Integrated Fish Finder:** Sonar detection for fish and water depth.
- **Fish Lure Lamp:** Attracts fish, useful for night fishing.
- **Water Temperature Measurement:** Provides real-time water temperature data.
- **Built-in Propeller Design:** Prevents entanglement with water weeds and floating objects, extending propeller lifespan.

3. SETUP

3.1. Battery Installation

Ensure the bait boat and remote control are powered by fully charged batteries. The boat uses two 6.4V 10A lithium batteries, and the remote control uses a 3.7V lithium battery. Access the battery compartments on the boat (refer to Figure 2.1) and the remote control to insert the batteries correctly.

3.2. Initial Power-On and GPS Connection

1. Turn on the power switch for both the bait boat and the remote control.
2. Upon powering on, the bait boat will automatically begin establishing a connection with navigation satellites. This process typically takes 1-3 minutes. Wait for the GPS connection to be successfully established before proceeding.
3. The remote control's LCD screen will display the GPS status.

3.3. Setting the Start Point

The start point is crucial for the boat's automatic return function. You can set the start point manually or allow the JABO 5CG to set it automatically.

- **Manual Setting:** Refer to the remote control instructions for specific button sequences to manually set the start point at your desired location. It is recommended to set the start point at the beginning of each use.
- **Automatic Setting:** If you do not manually set a start point, the JABO 5CG will automatically establish one.

Once the start point is set, the boat will safely return to this "home" position after each departure, especially useful for automated functions.

4. OPERATION

4.1. Manual Control

Use the joysticks on the remote control (Figure 2.2) to manually steer the bait boat. The left and right handles control the direction and speed of the boat. Practice in an open water area to become familiar with its responsiveness.

4.2. Automatic Navigation and Target Points

1. **Storing Target Points:** Navigate the boat to a desired baiting location. Use the remote control's interface to store

this location as a target bait point (up to 8 points can be stored).

2. **Automatic Navigation to Target:** Select a stored target point from the remote control. The boat will automatically navigate to this precise location.
3. **Automatic Return:** After completing its task at the target point (e.g., bait release), the boat can be commanded to automatically return to the pre-set start point.

This feature is particularly beneficial for night fishing, as it ensures accurate bait and hook release even in low visibility conditions.

4.3. Bait and Hook Release

The JABO 5CG is equipped with two large bait silos and two hook release devices.

- **Bait Silos:** Load up to 2KG of bait into each silo. Use the remote control to open the silo doors and release the bait at your desired location.
- **Hook Release:** Attach your fishing lines with hooks to the two hanging line devices. Use the remote control to trigger the release mechanism, dropping your hooks precisely where needed.

4.4. Fish Finder and Water Temperature

The integrated sonar system provides real-time information:

- **Fish Detection:** The sonar can detect fish and display their presence on the remote control's LCD screen. It can distinguish between large and small fish.
- **Water Depth:** Measures and displays the water depth.
- **Water Temperature:** Provides the current water temperature (0-50°C).

Use the "Display mode selection" button on the remote control to cycle through different information displays.

4.5. Fish Lure Lamp

Activate the fish lure lamp (0.5W) via the remote control to attract fish, especially effective during low-light conditions or night fishing.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your JABO 5CG bait boat.

- **Cleaning:** After each use, especially in saltwater, rinse the boat thoroughly with fresh water to remove any dirt, debris, or salt residue. Wipe it dry with a soft cloth.
- **Propeller Inspection:** Although the propeller is built-in to prevent entanglement, periodically inspect the propeller area for any trapped debris or fishing lines. Clean as necessary.
- **Battery Care:**
 - Always use the recommended charger for the lithium batteries.
 - Do not overcharge or completely discharge the batteries.
 - Store batteries in a cool, dry place when not in use.
 - If storing for extended periods, charge batteries to approximately 50% capacity.
- **Storage:** Store the bait boat and remote control in a dry, cool environment, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your JABO 5CG bait boat.

Problem	Possible Cause	Solution
Boat not responding to remote control.	Low battery in boat or remote; out of range; interference; not paired.	Charge batteries. Ensure boat is within 300 meters range. Check for strong interference sources. Re-pair remote control if necessary (refer to specific pairing instructions in full manual).
GPS connection takes too long or fails.	Poor satellite signal; initial connection time.	Ensure boat is in an open area with clear sky view. Initial connection can take 1-3 minutes. Wait patiently.
Bait silos or hook release not working.	Mechanism jammed; low battery; remote command not received.	Check for obstructions in the mechanism. Ensure batteries are charged. Verify remote control commands are being sent correctly.
Sonar/Fish Finder not displaying data.	Sonar sensor obstructed; boat not in water; display mode incorrect.	Ensure sonar sensor on the boat's hull is clean and unobstructed. Boat must be in water for sonar to function. Check remote control display mode settings.

7. SPECIFICATIONS

7.1. Bait Boat Specifications

Boat:	
External dimensions :	690*560*230mm
weight :	6.9KG (including battery)
Power supply:	6.4V10A lithium battery * 2
Continuous working time :	2-3 hours (after charging)
Driving speed:	80 m / min
Remote control distance :	300 meters
frequency :	2.4G
Load of bait silo:	2kg*2
Drive assembly :	Double 775 high power motors
Sonar detection angle:	20°
Sonar detection range:	2-30 meters
Sonar operating frequency:	200khz
GPS capture satellite time :	1- 3 minutes
Water temperature detection:	0-50° C
Fish lure power:	0.5W

Figure 7.1: JABO 5CG Bait Boat Specifications Table.

Parameter	Value
External Dimensions	690mm × 560mm × 230mm
Weight (including battery)	6.9 KG
Power Supply	6.4V 10A Lithium Battery × 2
Continuous Working Time	2-3 hours (after charging)

Parameter	Value
Driving Speed	80 m/min
Remote Control Distance	300 meters
Frequency	2.4G
Bait Silo Load	2kg × 2
Drive Assembly	Double 775 High Power Motors
Sonar Detection Angle	20°
Sonar Detection Range	2-30 meters
Sonar Operating Frequency	200kHz
GPS Capture Satellite Time	1-3 minutes
Water Temperature Detection	0-50°C
Fish Lure Power	0.5W

7.2. Remote Control Specifications

remote control:	
External dimensions :	165×42.5×96mm
power:	3.7v lithium battery.
LCD:	FST (128 × 128 dot matrix)
Continuous working time :	4-6 hours (after charging)
Screen size:	45 m m×45mm
Remote control distance :	200-300 meters
frequency :	2.4G
Underwater outline display :	Yes
Distinguish between big and small fish :	Yes
Latitude and longitude display :	Yes
Remember the feeding position :	8
GPS capture satellite time :	1- 3 minutes
Temperature unit :	° C / ° F
Unit of length :	M / ft
Optional channel :	250

Figure 7.2: JABO 5CG Remote Control Specifications Table.

Parameter	Value
External Dimensions	165mm × 42.5mm × 96mm
Power	3.7V Lithium Battery

Parameter	Value
LCD	FST (128 × 128 dot matrix)
Continuous Working Time	4-6 hours (after charging)
Screen Size	45mm × 45mm
Remote Control Distance	200-300 meters
Frequency	2.4G
Underwater Outline Display	Yes
Distinguish between Big and Small Fish	Yes
Latitude and Longitude Display	Yes
Remember the Feeding Position	8
GPS Capture Satellite Time	1-3 minutes
Temperature Unit	°C / °F
Unit of Length	M / ft
Optional Channel	250

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact the seller directly.

JABO products are designed for reliability and performance.

For technical support or further inquiries, please contact JABO customer service through their official website or the retailer from whom you purchased the product. Keep your purchase receipt and product serial number handy for faster assistance.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question