

V020

Generic V020 RC Bait Boat Instruction Manual

Model: V020 | For Fishing Enthusiasts

1. INTRODUCTION

Thank you for choosing the Generic V020 RC Bait Boat. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new bait boat. Please read this manual thoroughly before first use to ensure proper functionality and to maximize your fishing experience.

2. SAFETY INFORMATION

- Always operate the bait boat in open water, away from swimmers, other boats, and obstacles.
- Do not operate the boat in strong currents or extreme weather conditions (e.g., heavy rain, strong winds exceeding force 7-8).
- Ensure all hatches and compartments are securely closed before placing the boat in water.
- Keep hands and loose clothing away from propellers when the boat is powered on.
- Supervise children when operating the bait boat. Recommended age for operation is 16 years and up.
- Do not attempt to modify or disassemble the boat or remote control, as this may void the warranty and cause malfunction.
- Use only the provided charging cable and battery. Improper charging can lead to fire or damage.
- If the boat becomes stuck or loses signal, use the "one-key return" function or retrieve it manually if safe to do so.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Bait Boat (V020) x1
- Remote Controller x1
- Remote Controller Lanyard x1
- Instruction Manual x1
- Propeller x2
- Joystick Cap x2
- 5200mAh Battery x1
- USB Charging Cable x1



Image: The V020 RC Bait Boat in yellow, accompanied by its remote control unit.

4. PRODUCT OVERVIEW

The V020 RC Bait Boat is designed for efficient and precise bait delivery in fishing. Key features include:

- **Intelligent Cruise Auto-Return Navigation:** Features constant-speed cruise, one-key return, low battery return, signal-loss return, and real-time distance feedback for reliable navigation.
- **Multi-Function Control:** Offers forward/reverse, left/right turning, and an integrated hook-release system.
- **Three Independently Controlled Bait Hoppers:** Allows for precise bait delivery.
- **Advanced GPS Beidou Positioning System:** Stores up to 40 GPS waypoints for repeatable, hands-free navigation.
- **Robust Performance:** Designed to handle wind and waves up to force 7-8.
- **Integrated LED Display Screen:** Provides real-time status updates.
- **Powerful Night Vision Lighting System:** High-intensity front and rear LED floodlights, plus directional signal lights for low-light conditions.
- **Luminous Effect:** The boat features a fluorescence effect for enhanced visibility.

MAIN FUNCTION



Image: Visual representation of the main functions including GPS positioning, automatic return, 40 positioning points, low battery alarm, three bait tanks, controllable LED light, fixed-speed driving, dual motors, 500m control distance, LCD remote control, anti-storm level 7-8, and lost signal return.



Image: The V020 bait boat on water, showing its three bait compartments filled and highlighting its fluorescence effect feature.

5. SETUP

5.1. Charging the Battery

1. Connect the 5200mAh battery to the USB charging cable.
2. Plug the USB charging cable into a compatible USB power adapter (not included).
3. Allow 6-8 hours for a full charge. The charging indicator on the cable or battery will change when fully charged.

5.2. Installing the Battery

1. Locate the battery compartment on the bait boat.
2. Open the compartment cover.
3. Insert the fully charged 5200mAh battery, ensuring correct polarity.
4. Securely close the battery compartment cover to prevent water ingress.

5.3. Remote Controller Preparation

1. Install required batteries into the remote controller (refer to remote manual for battery type, typically AA batteries).
2. Attach the joystick caps to the remote controller joysticks.
3. Attach the remote controller lanyard for secure handling.

6. OPERATING INSTRUCTIONS

6.1. Powering On and Pairing

1. Turn on the bait boat by pressing the power button.
2. Turn on the remote controller. The remote and boat should automatically pair. A successful pairing will be indicated by a light or sound on both devices.

6.2. Basic Controls

- **Forward/Reverse:** Use the left joystick (or designated control) to move the boat forward or backward.
- **Left/Right Turning:** Use the right joystick (or designated control) to steer the boat left or right.
- **Bait Hopper Release:** Each of the three bait hoppers is independently controlled. Refer to the remote control diagram for specific buttons to open and close each hopper.
- **Hook Release System:** Activate the hook release mechanism using the designated button on the remote.
- **LED Lights:** Turn on/off the front and rear LED floodlights and directional signal lights for night operation using the remote.

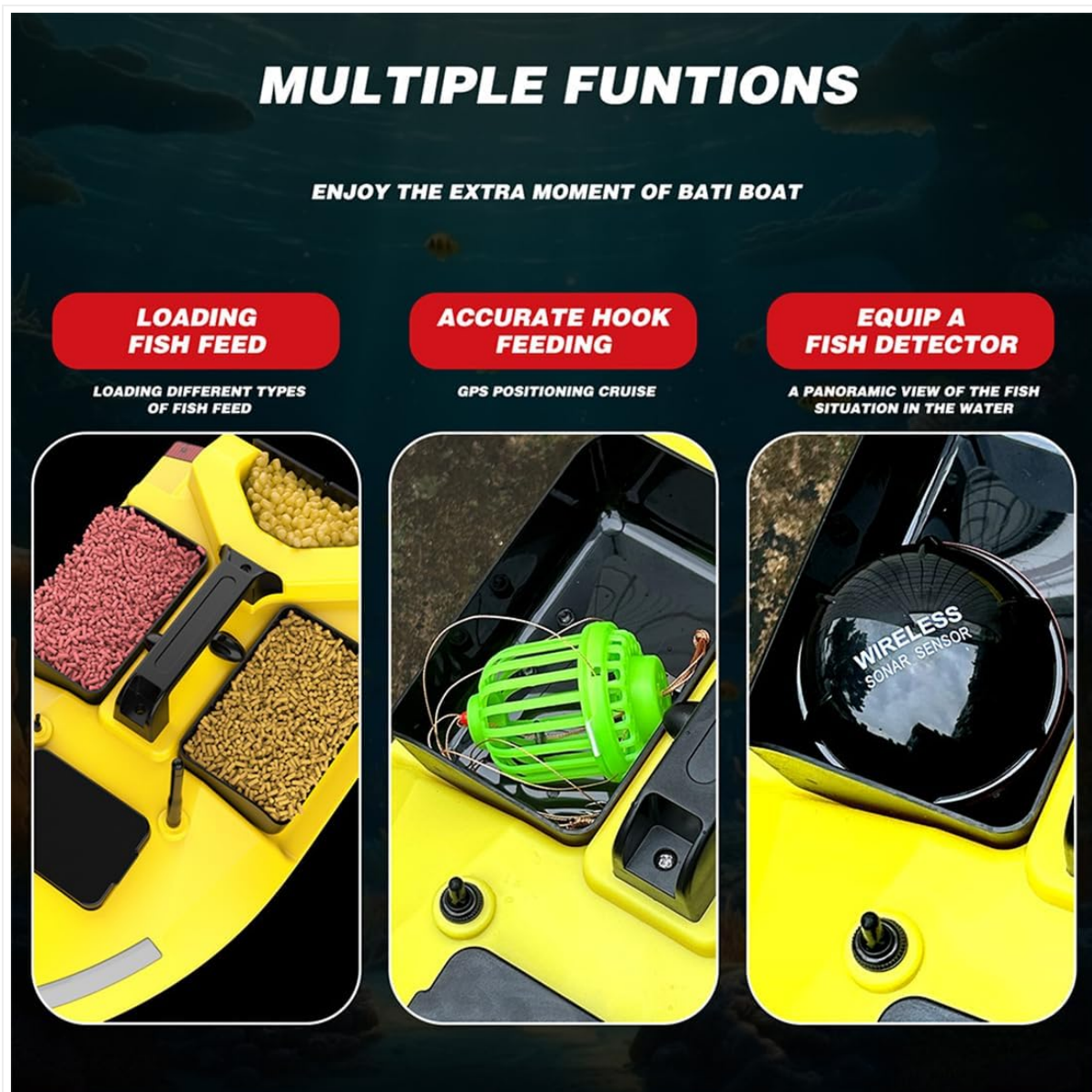


Image: Demonstrates the boat's capabilities: loading different types of fish feed, accurate hook feeding via GPS positioning cruise, and the ability to equip a wireless sonar sensor for a panoramic view of the water.

6.3. GPS and Navigation Functions

- **Setting Waypoints:** Use the remote control's GPS interface to mark and store up to 40 specific fishing spots

(waypoints). Consult the remote control's dedicated manual section for detailed instructions on waypoint management.

- **GPS Positioning Cruise:** Select a stored waypoint, and the boat will automatically navigate to that location.
- **One-Key Return:** Press the designated "Return" button on the remote control to automatically bring the boat back to its starting point.
- **Low Battery Return:** The boat will automatically initiate a return to the starting point if the battery level becomes critically low.
- **Signal-Loss Return:** If the remote control signal is lost for an extended period, the boat will automatically return to its starting point.
- **Real-time Distance Feedback:** The remote control's LCD screen displays the boat's distance from your position.



Image: Illustrates the low battery alarm and over-distance return functions. When the boat battery is low or the remote control distance exceeds 500 meters, the boat automatically returns to the starting point.

6.4. Night Fishing

The V020 bait boat is equipped with high-intensity front and rear LED floodlights and directional signal lights for optimal visibility during night fishing. The boat's luminous effect also aids in tracking its position in low light.

NIGHT LIGHT & SELF-ILLUMINATING



• After absorbing light, it can emit fluorescence in dark conditions

• When re-irradiating the sunlight must first remove the power



WITH HIGH-BRIGHTNESS LED FRONT LIGHT

Image: Shows the bait boat with its night lights activated and its self-illuminating (fluorescence) capability after absorbing light, making it visible in dark conditions.

7. MAINTENANCE

- **Cleaning:** After each use, wipe down the boat with a damp cloth to remove any dirt, debris, or water residue. Ensure all compartments are dry before storage.
- **Propeller Inspection:** Regularly check the propellers for any entanglement (e.g., fishing line, weeds) and remove them carefully to prevent damage.
- **Battery Care:**
 - Store the battery in a cool, dry place away from direct sunlight.
 - Do not overcharge or completely discharge the battery.
 - If storing for an extended period, charge the battery to approximately 50-60% capacity.
- **Storage:** Store the bait boat and remote control in a dry, protected environment when not in use.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not power on.	Battery is not charged or incorrectly installed.	Charge the battery fully. Ensure the battery is correctly inserted and the compartment is closed.
Remote control does not respond.	Remote control batteries are low or dead. Boat and remote are not paired.	Replace remote control batteries. Re-pair the boat and remote control (power cycle both devices).
Boat loses signal frequently.	Operating beyond 500m range. Interference.	Operate within the specified 500m range. Move to an area with less interference.
Bait hoppers do not open/close.	Mechanism jammed. Electronic malfunction.	Check for obstructions in the hopper mechanism. If problem persists, contact support.
GPS navigation is inaccurate.	Poor GPS signal. Incorrect waypoint setting.	Ensure clear sky view for GPS. Re-calibrate GPS if possible (refer to remote manual). Verify waypoint coordinates.

9. SPECIFICATIONS

Model	V020 Luminous
Material	ABS + Electronic Components
Battery	7.4V 5200mAh
Use Time	Approximately 2 hours
Charging Time	6-8 hours
Speed	Up to 10 KM/H
RC Distance	Up to 500 meters
Bait Capacity	2kg
Product Dimensions	50 x 26.4 x 28 cm (19.69 x 10.39 x 11.02 inches)
Product Weight	2030.6g (4.48 pounds)
Manufacturer Recommended Age	16 years and up

BAIT BOAT SIZE

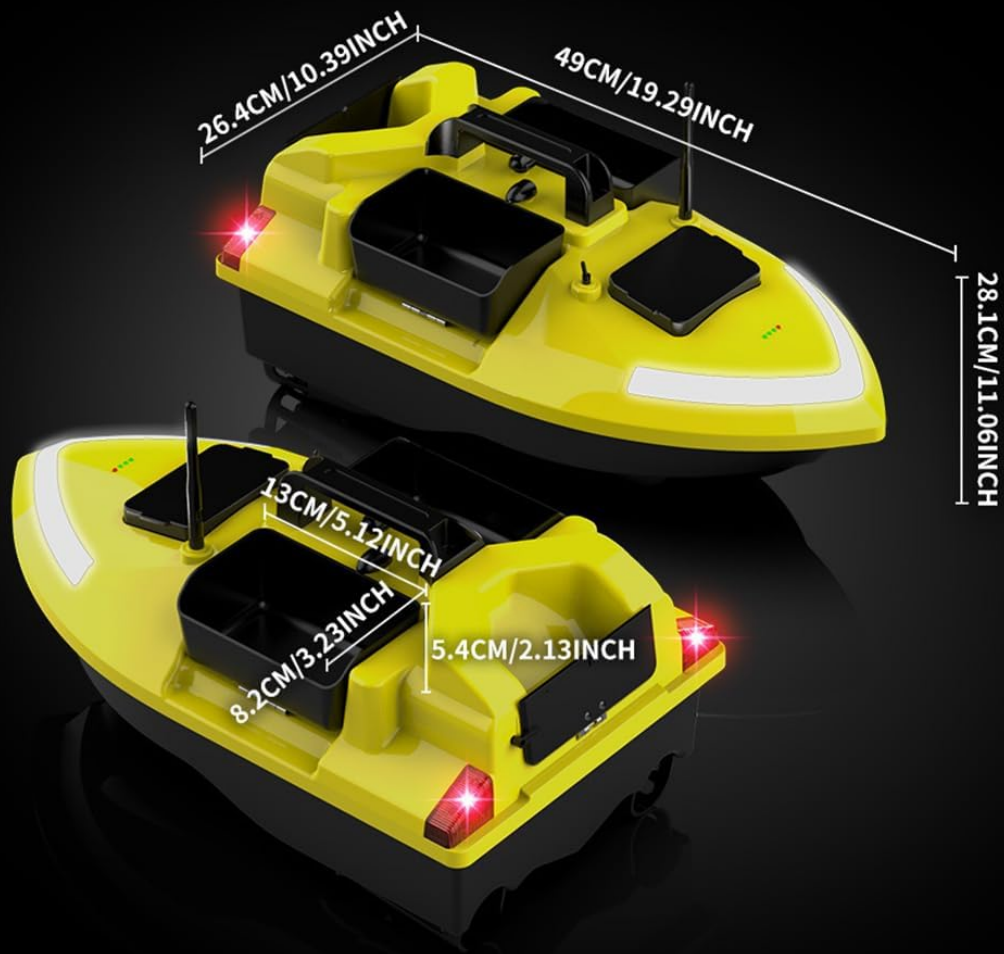


Image: Detailed dimensions of the bait boat, showing length, width, and height in both centimeters and inches.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided by your retailer or the manufacturer. Keep your purchase receipt as proof of purchase for any warranty claims.