

## HONGXUNJIE 474-257-723

# HONGXUNJIE High-Speed RC Boat User Manual

Model: 474-257-723

## 1. INTRODUCTION

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Thank you for purchasing the HONGXUNJIE High-Speed RC Boat. This manual provides essential information for the safe operation, setup, and maintenance of your remote-controlled boat. Please read this manual thoroughly before use to ensure proper function and to prevent damage.

### Safety Precautions

- This product is recommended for users aged 14 years and older.
- Always operate the boat in open water areas, away from people, animals, and obstacles.
- Do not operate in saltwater. This boat is designed for fresh water environments like pools, rivers, and lakes.
- Ensure the battery is fully charged before each use.
- Never touch the propeller when the boat is powered on.
- Keep the boat and remote control away from extreme temperatures and direct sunlight.
- If the boat capsizes, use the auto-flip function or retrieve it carefully.

## 2. PACKAGE CONTENTS

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Please check the package to ensure all items are present:

- 1 x HONGXUNJIE RC Boat
- 1 x 2.4 GHz Transmitter (Remote Control)
- 1 x 7.4V 3000mAh Rechargeable Battery (for boat)
- 1 x Balance Charger (USB charging head)
- 1 x Spare Propeller
- 1 x Anti-collision Part
- 1 x Boat Stand

- 1 x User Manual

## Parameter Information

**Product Name:** High Speed Speedboat

**Product Style:** Red / Black / Green

**Product Material:** ABS / Electronic Components

**Suitable Age:** Over 14 Years Old

**Endurance:** About 17 Minutes

**Battery Parameters:** 7.4v 3000mah

**Navigation Speed:** 35km/H

**Remote Control Distance:** 200 Meters

**Product Size:** 47\*12\*13.5cm

**Remote Control Battery:** 4\*Aa” (Separately Purchased)

**Product Function:** forward and backward / left turn and right turn / capsized reset / low power alarm / Over navigation prompt / off water sensing / anti overturning function / night navigation light (can be turned on / off)

### Product List:



Image 2.1: Overview of the HONGXUNJIE RC Boat and its included accessories.

## 3. COMPONENTS OVERVIEW

### 3.1 RC Boat

The HONGXUNJIE RC Boat features a streamlined hull design for high-speed performance and an auto-righting function. It includes a water-cooled motor system and a night navigation light.



Image 3.1: The HONGXUNJIE RC Boat and its 2.4GHz remote control.

### 3.2 2.4 GHz Remote Control

The 2.4 GHz transmitter provides precise control over the boat's speed and direction with a range of up to 200 meters. It features various controls for optimal operation.

# Remote Control Analysis



Image 3.2: Detailed diagram of the remote control functions.

- **Power Switch:** Turns the remote control on/off.
- **Speed Fine Tuning:** Adjusts the boat's speed sensitivity.
- **Steering Fine Tuning:** Adjusts the boat's steering sensitivity.
- **Power Indicator:** Shows the remote control's power status.
- **Signal Indicator:** Shows connection status with the boat.
- **Hull Lighting Control:** Activates or deactivates the boat's night navigation lights.
- **Turn Left / Right:** Steering control.
- **Forward / Backward:** Throttle control.

## 4. SETUP

### 4.1 Charging the Boat Battery

The boat uses a 7.4V 3000mAh rechargeable lithium battery. Before first use, fully charge the battery.

1. Connect the boat battery to the balance charger.
2. Connect the USB charging head to a computer USB port or a suitable USB power adapter.

3. The red light on the USB charger will be ON during charging.
4. Charging typically takes approximately 180 minutes.
5. The red light will turn OFF when charging is complete. Disconnect the battery from the charger.

## Endurance Capability 3000mah High Capacity Lithium Battery

It can be connected to a computer or rechargeable battery. When the USB red light is on it means The battery is charging (charging time is about 180 minutes)

If the red light goes out, it means the charging is completed  
Please disconnect all connections



USB Charging Head  
(General Mobile)

The battery can be replaced freely.  
It is recommended to buy 3 batteries to extend the game time

Image 4.1: The 7.4V 3000mAh lithium battery and USB charging setup.

### 4.2 Installing Boat Battery

Open the battery compartment on the boat, connect the fully charged 7.4V 3000mAh battery, and secure it. Close the compartment cover tightly to prevent water ingress.

### 4.3 Installing Remote Control Batteries

The remote control requires 4 x AA batteries (not included).

1. Open the battery compartment on the back of the remote control.
2. Insert 4 AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover.

### 4.4 Pairing the Boat and Remote Control

1. Place the boat in the water. The boat's lights will blink, indicating it is ready for pairing.
2. Turn on the remote control.
3. The remote control's signal indicator light will turn solid when synchronization is complete.
4. The boat is now ready for operation.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Launching the Boat

Carefully place the boat into the water. Ensure the water is deep enough and free of debris. The boat's propeller will only activate when it senses water, a safety feature to prevent accidental operation out of water.

### 5.2 Basic Controls

- **Forward/Backward:** Use the throttle trigger on the remote control to move the boat forward or backward.
- **Turn Left/Right:** Use the steering wheel on the remote control to steer the boat.
- **Speed:** The boat can reach speeds of up to 35 km/h (22 MPH). Adjust speed using the throttle.

# High RC Speed Boat

## Powerful Power System, up to 35km / h



Image 5.1: The RC boat in operation on water.

### 5.3 Auto-Flip Function

If the boat capsizes during operation, you can use the auto-flip function to right it. To activate, quickly turn the rudder and accelerate forward. The boat should automatically flip back to its upright position.

### 5.4 Low Battery Warning

The remote control will emit an audible alarm when the boat's battery is low. When this occurs, immediately return the boat to shore to prevent it from running out of power in the water. Continuing to operate with a low battery can damage the battery.

### 5.5 Night Navigation Light

The boat is equipped with a night navigation light. Use the Hull Lighting Control switch on the remote control to turn this feature on or off for visibility in low-light conditions.

## 6. MAINTENANCE

- **After Each Use:** Remove the boat from the water, open the battery compartment, and drain any accumulated water. Wipe the boat dry with a soft cloth.
- **Battery Care:** Always disconnect the battery from the boat after use. Store the battery in a cool, dry place. Do not overcharge or over-discharge the battery.
- **Propeller Inspection:** Regularly check the propeller for any debris (e.g., algae, fishing line) and remove it carefully to ensure optimal performance.
- **Storage:** When not in use, store the boat on its included stand in a dry, cool place, away from direct sunlight. Remove batteries from both the boat and the remote control if storing for extended periods.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not respond to remote control.	<ol style="list-style-type: none"> <li>1. Boat or remote control not powered on.</li> <li>2. Batteries are low or dead.</li> <li>3. Not properly paired.</li> <li>4. Boat not in water (safety feature).</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure both are switched on.</li> <li>2. Replace remote batteries, charge boat battery.</li> <li>3. Re-pair the boat and remote control (see Section 4.4).</li> <li>4. Place boat in water.</li> </ol>
Boat runs slowly or intermittently.	<ol style="list-style-type: none"> <li>1. Low boat battery.</li> <li>2. Propeller obstructed.</li> <li>3. Motor overheating.</li> </ol>	<ol style="list-style-type: none"> <li>1. Recharge boat battery.</li> <li>2. Remove boat from water and clear propeller.</li> <li>3. Allow boat to cool down for 20-30 minutes before resuming operation.</li> </ol>
Remote control beeps continuously.	Boat battery is low.	Immediately return the boat to shore and recharge the battery.
Boat capsizes and does not right itself.	Auto-flip function not activated correctly or severe conditions.	Try the auto-flip function again (turn rudder, accelerate). If unsuccessful, retrieve the boat manually.

## 8. SPECIFICATIONS

Feature	Detail
Brand	HONGXUNJIE
Model Number	474-257-723
Product Dimensions	47 cm x 13.5 cm x 12 cm
Weight	1.41 kg
Material	Plastic
Max Speed	Up to 35 km/h
Remote Control Frequency	2.4 GHz

Feature	Detail
Remote Control Distance	Up to 200 meters
Boat Battery	7.4V 3000mAh Lithium (rechargeable)
Remote Control Battery	4 x AA batteries (not included)
Recommended Age	Over 14 years old
Features	Auto-flip, low power alarm, off-water sensing, night navigation light



Image 8.1: Dimensions of the HONGXUNJIE RC Boat.

## 9. WARRANTY AND SUPPORT

For any questions regarding the HONGXUNJIE High-Speed RC Boat, please refer to the contact information provided with your purchase or visit the official HONGXUNJIE website for support. Please retain your proof of

purchase for warranty claims.