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› Zyerch RC Boat User Manual

Zyerch H119-H122-H155

Zyerch RC Boat User Manual

Model: H119-H122-H155

Brand: Zyerch

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Zyerch RC Boat. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.



The Zyerch RC Boat, showcasing its vibrant LED lights, remote control, and included rechargeable batteries.

Safety Information

WARNING:

- Not suitable for children under 14 years. Adult supervision is recommended for all users.
- Do not operate in saltwater. This product is designed for use in pools and lakes only.
- Ensure all covers are securely fastened before placing the boat in water to prevent water penetration.
- Do not touch the propeller when the boat is operating.
- Avoid operating the boat near people, animals, or obstacles.

WHAT'S IN THE BOX

Your Zyerch RC Boat package includes the following items:

- 1 x Remote Control Boat
- 2 x Rechargeable 7.4V 1100mAh Lithium Ion Batteries
- 1 x Remote Control Transmitter (requires 4 AA batteries, not included)
- 1 x Display Bracket
- 2 x Spare Propellers
- 1 x Screwdriver
- 1 x Wrench
- 1 x Lubricant
- 1 x USB Charging Cable



All components included in the Zyerch RC Boat package.

SETUP

1. Battery Installation (Boat)

1. Carefully open the double waterproof covers on the top of the boat.
2. Connect one of the rechargeable 7.4V 1100mAh Lithium Ion batteries to the boat's power connector.
3. Place the battery securely inside the compartment.
4. Ensure the internal cover is properly sealed, then close and secure the outer cover with the twist-lock

DOUBLE HATCH DESIGN

Double Waterproof Covers for Better Water Resistance to Protect Internal Parts.



The double hatch design ensures superior water resistance, protecting internal components including the battery.

2. Battery Installation (Remote Control)

1. Locate the battery compartment on the back of the remote control.
2. Insert 4 AA dry batteries (not included) into the compartment, ensuring correct polarity.
3. Close the battery compartment cover.

3. Charging the Boat Batteries

- Use the provided USB charging cable to charge the boat's rechargeable batteries.
- Connect the battery to the USB charging cable, then plug the USB end into a compatible USB power source (e.g., computer, USB wall adapter).
- Charging time may vary. Refer to the battery specifications for full charge indication.
- Each 7.4V 1100mAh battery provides approximately 15 minutes of playtime, for a total of up to 30 minutes with both included batteries.



Two rechargeable batteries provide extended playtime for your RC boat.

OPERATING INSTRUCTIONS

1. Water Sensing Activation

The Zyerch RC Boat is equipped with a water sensor switch. The motor will only activate when the boat is placed in water, ensuring safety and preventing accidental propeller rotation out of water.



Experience the thrill of high-speed racing with your Zyerch RC Boat.

2. Speed Control

The boat can reach speeds of 20+ mph. Use the throttle on the remote control to adjust the speed. The 2.4GHz frequency controller ensures a stable connection and allows for multiplayer racing without signal disruption.

3. Capsize Recovery Function

In the event the boat flips over, the self-righting design allows it to automatically flip back upright. This feature eliminates the need to retrieve the boat manually if it capsizes.

CAPSIZING RECOVERY

The self-recovering design keeps your boat floating well after it's been capsized.



The capsizing recovery feature ensures your boat always returns to an upright position.

4. LED Lights

The boat is equipped with bright LED lights, allowing for exciting nighttime operation and improved visibility in darker conditions.



LED LIGHTS. SEE MORE, EXPLORE DARKER WATERS

LED lights enhance visibility and allow for operation in low-light conditions.

5. One-Click Self-Driving (Figure 8)

Activate the self-driving mode with a single button press. The boat will automatically navigate in an 8-shaped path, providing an effortless and entertaining experience.

>> ONE-CLICK SELF DRIVING <<

8-SHAPED PATH MODE



The one-click self-driving feature allows the boat to navigate in an 8-shaped pattern.

6. Distance Alert System & Low Battery Alarm

The remote control features an advanced LCD screen that provides real-time information. It will issue an audible alarm and visual warning if the boat is nearing the edge of its 500ft control range or if the boat's battery is low.

OUT OF RADIUS & LOW BATTERY ALARM

The remote will alert and warn you that the RC boat is nearing its radius or battery is low.



The remote control provides alerts for low battery and exceeding operational range.

7. Controller Functions

The remote control allows for swapping left and right controls to suit user preference. The LCD screen provides essential status updates.

MAINTENANCE

- **Waterproof Covers:** Always ensure the double waterproof covers are properly sealed before and after use to prevent water from entering the internal components.
- **Engine Cooling System:** The boat features a water circulation cooling device to keep the motor cool during operation. This system helps reduce motor wear and prolong its lifespan.
- **Cleaning:** After each use, gently wipe down the boat with a soft, dry cloth. If used in murky water, rinse with clean fresh water and dry thoroughly.

- **Propeller Inspection:** Regularly check the propellers for any debris (e.g., weeds, fishing line) that may hinder performance. Use the provided wrench to remove and clean if necessary.
- **Lubrication:** Apply the included lubricant to the propeller shaft periodically to ensure smooth operation and prevent corrosion.
- **Storage:** Store the boat and remote control in a cool, dry place away from direct sunlight when not in use. Remove batteries from both the boat and remote for long-term storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not move in water.	◦ Boat battery not charged or connected. ◦ Remote control batteries low or incorrectly installed. ◦ Boat not placed in water (water sensing activation). ◦ Not paired with remote.	◦ Charge and connect boat battery. ◦ Replace/install AA batteries in remote. ◦ Ensure boat is fully in water. ◦ Turn on boat first, then remote, wait for pairing.
Boat capsizes frequently or does not self-right.	◦ Operating in rough water conditions. ◦ Debris affecting propeller/rudder. ◦ Internal water leakage affecting balance.	◦ Operate in calm water. ◦ Check and clear propeller/rudder. ◦ Ensure covers are sealed. Dry internal components if wet.
Low battery alarm or out of range alert.	◦ Boat battery is low. ◦ Boat is too far from the remote control.	◦ Return boat to shore and recharge battery. ◦ Bring boat closer to the remote control.
Water inside the boat.	◦ Covers not properly sealed. ◦ Damage to the hull.	◦ Ensure both internal and external covers are securely closed and latched. ◦ Inspect the hull for cracks or damage. Contact customer support if damaged.

SPECIFICATIONS

- **Product Dimensions:** 13 x 4 x 4 inches
- **Item Weight:** 2.33 pounds
- **Model Number:** H119-H122-H155
- **Manufacturer Recommended Age:** 14 years and up
- **Batteries:** 2 x 7.4V 1100mAh Lithium Ion batteries (included for boat), 4 x AA batteries (not included for remote)
- **Max Speed:** 20+ mph (25 km/h)
- **Control Frequency:** 2.4GHz
- **Control Range:** Up to 500ft (150m)
- **Features:** Water Sensing Activation, Self-Righting, LED Lights, One-Click Self-Driving (Figure 8), Distance Alert System, Low Battery Alarm, Double Waterproof Covers, Water Circulation Cooling System
- **Manufacturer:** SHANTOU SKYTECH TECHNOLOGY INDUSTRIAL INC.
- **Release Date:** March 31, 2022

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official Zyerch website. Keep your purchase receipt as proof of purchase for any warranty claims.

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