

DEERC 2104shark

DEERC Fast Brushless RC Boat User Manual

Model: 2104shark

INTRODUCTION

Thank you for choosing the DEERC Fast Brushless RC Boat. This high-performance remote control boat is designed for exhilarating aquatic adventures, featuring a powerful brushless motor, self-righting capabilities, and advanced waterproof protection. Please read this manual thoroughly before operation to ensure safe and optimal performance.



The DEERC 2104shark RC boat, its remote controller, and the high-performance brushless motor.

SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following safety guidelines:

- Avoid contact with eyes.
- Keep the product away from naked flame or direct heat sources.
- Always operate the boat in open water, away from swimmers, wildlife, and obstacles.
- Do not operate in saltwater.
- Ensure all hatches are securely closed before placing the boat in water.
- Adult supervision is recommended for users under 14 years of age.
- Do not touch the propeller when the boat is powered on.
- Always remove the battery from the boat and remote control when not in use.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x DEERC Shark RC Boat
- 1 x Remote Control
- 1 x 3S 11.1V 2000mAh Lithium Ion Battery
- 1 x Charging Cable
- 1 x Product Manual (this document)
- Spare Propeller (may vary by package)
- Display Stand (may vary by package)

SETUP

1. Charging the Boat Battery

The boat is powered by a 3S 11.1V 2000mAh Lithium Ion battery. Before first use, fully charge the battery.

1. Connect the charging cable to the battery.
2. Connect the other end of the charging cable to a suitable USB power adapter (not included).
3. The indicator light on the charger will show charging status (refer to charger instructions for specific light patterns).
4. Charging typically takes 3-4 hours. Do not overcharge.

2. Installing the Boat Battery

1. Carefully open the triple-layered waterproof hatch on the top of the boat.
 2. Connect the fully charged battery to the boat's power connector.
 3. Place the battery securely within the battery compartment.
 4. Ensure all three hatches are properly sealed to maintain waterproofing.
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Illustration of the triple-layered waterproof design, highlighting the exterior, battery cover, and interior compartments.

3. Installing Remote Control Batteries

The remote control requires 3x AA batteries (not included).

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

4. Pairing the Remote Control

The boat and remote control are pre-paired, but if re-pairing is needed:

1. Ensure the boat battery is connected and the boat is placed in water (the propeller will not activate out of water for safety).
2. Turn on the remote control.
3. The remote control indicator light will flash, then become solid when successfully paired.

OPERATING INSTRUCTIONS

Basic Controls

- **Throttle Trigger:** Pull to accelerate forward, push to reverse. This boat features full proportional throttle control for precise speed adjustment.
- **Steering Wheel:** Turn left or right to steer the boat.



Key performance components: brushless motor, high-capacity battery, and durable flex metal shaft for speed and maneuverability.

Special Features

- **Self-Righting Function:** If the boat capsizes, simply use the remote control to automatically flip it back upright. This ensures continuous play without needing to retrieve the boat.



100% WATERPROOF SELF-RIGHTING
SHARK HULL DESIGN
Automatically Turn Over The Shark Boat When Flips

The boat's self-righting design allows it to automatically turn over if it flips during operation.

- **One-Click Demo Mode:** Press the designated button on the remote control to activate an automatic "O" shaped demonstration, showcasing the boat's agility and LED lights.



The boat's one-click demo mode performs an "O" shaped maneuver, highlighting its LED lights.

- **LED Lights:** The boat features integrated LED lights in its shark-like eyes and tail, enhancing visibility and visual appeal, especially in low light conditions.

Operating Environment and Alerts

- **Operating Range:** The 2.4Ghz remote control provides a stable connection up to approximately 394 feet (120 meters).
- **Low Battery Alarm:** The remote control will emit an audible alert when the boat's battery is running low, signaling it's time to return the boat to shore.
- **Out-of-Range Alarm:** If the boat goes beyond the control range, the remote will alert you, helping to prevent loss of the boat.



The remote control provides alerts for low battery and when the boat is approaching its maximum operating distance of 394 feet.

- **Water Circulation Cooling System:** The boat is equipped with a cooling system to maintain optimal motor temperature during high-speed operation.

MAINTENANCE

- **After Each Use:**

- Remove the battery from the boat and remote control.
- Wipe down the boat with a soft, dry cloth to remove any water or debris.
- Ensure the propeller and rudder are free of any tangles or obstructions.
- Allow the boat to air dry completely before storage.

- **Battery Care:**

- Store batteries in a cool, dry place, away from direct sunlight and heat.
- Do not store fully charged or completely depleted batteries for extended periods. Charge to approximately 50% for long-term storage.

- **Propeller Maintenance:** Periodically check the propeller for damage or wear. Replace if necessary to maintain optimal performance.
- **Storage:** Store the boat and remote control in a dry, cool environment, away from extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not respond to remote.	Boat not in water.	Place boat in water.
	Low boat battery.	Charge boat battery.
	Low remote control batteries.	Replace remote control batteries.
	Not paired.	Re-pair boat and remote.
	Out of range.	Bring boat closer to remote.
Boat runs slowly or lacks power.	Low boat battery.	Charge boat battery.
	Propeller tangled.	Clear propeller of debris.
	Motor overheating.	Allow boat to cool down.
Boat capsizes frequently.	Operating in rough water.	Operate in calmer water.
	Improper battery placement.	Ensure battery is centered and secure.
		Utilize self-righting function.
Water inside boat.	Hatch not sealed properly.	Ensure all three hatches are securely closed.
	Damage to hull.	Inspect hull for cracks; discontinue use if damaged.

SPECIFICATIONS

Feature	Detail
Model Number	2104shark
Product Dimensions	16.34 x 4.33 x 4.41 inches
Item Weight	2.88 pounds
Motor Type	Brushless KV2850
Max Speed	30+ MPH
Battery	3S 11.1V 2000mAh Lithium Ion
Remote Control Frequency	2.4Ghz
Control Distance	Approx. 394 feet (120 meters)
Recommended Age	14 years and up
Waterproofing	Triple-layered protective cover
Special Features	Self-righting, LED lights, Water circulation cooling system, Low battery alarm, Out-of-range alarm

WARRANTY AND SUPPORT

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

DEERC Official Store: [Visit the DEERC Store on Amazon](#)