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DEERC CA-2008

DEERC CA-2008 14-inch RC Speed Boat User Manual

Model: CA-2008



INTRODUCTION

This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your DEERC CA-2008 RC Speed Boat. Please read this manual thoroughly before operating the boat to ensure proper function and longevity of the product.



Image: Overview of the DEERC CA-2008 RC Speed Boat showcasing its main features and capabilities.

SAFETY INFORMATION

Adherence to the following safety guidelines is crucial for preventing damage and ensuring safe operation:

- Remove the lithium battery from the speedboat after use and store it fully charged to maintain battery health.
- Remove the batteries from the remote control after use to prevent leakage and potential damage to the device.
- Always operate the boat in open water, away from swimmers, wildlife, and obstacles.

- Do not operate the boat in saltwater.
- Ensure all hatches are securely sealed before placing the boat in water.
- Adult supervision is recommended for users under 14 years of age.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x DEERC CA-2008 RC Boat
- 1 x Remote Control
- 2 x 7.4V 1200mAh Lithium-ion Batteries (for boat)
- 1 x Charging Cable
- 1 x Screwdriver
- 1 x Display Stand
- 1 x Spare Propeller



Image: The DEERC CA-2008 RC Speed Boat, remote control, and two rechargeable batteries.

SETUP

1. Battery Installation

Boat Battery:

1. Open the top hatch of the boat by releasing the latches.
2. Connect one of the 7.4V 1200mAh Li-ion batteries to the boat's power connector.
3. Carefully place the battery inside the battery compartment.
4. Ensure the internal waterproof gasket is properly seated, then close and secure the top hatch.

Remote Control Batteries:

1. Open the battery cover on the back of the remote control.
2. Insert 4 AA batteries (not included) according to the polarity markings.

3. Close the battery cover.



Image: The boat's Li-ion batteries and the remote control unit.

2. Charging the Boat Batteries

Use the provided charging cable to charge the 7.4V Li-ion batteries. Connect the charging cable to a USB power adapter (not included) and then to the battery. The charging indicator will show the charging status. A full charge typically takes approximately 1.5 to 2 hours per battery.

3. Initial Power-On and Pairing

1. Place the boat in water. The boat's propeller will not activate until it detects water, a safety feature.
2. Turn on the remote control. The indicator light on the remote will flash.
3. The remote control will automatically pair with the boat. Once paired, the indicator light on the remote will become solid.

OPERATION

1. Controller Overview

The remote control features a steering wheel for direction and a trigger for throttle control. It also includes buttons for speed adjustment and auto-pilot demo mode.

2. Driving the Boat

- **Throttle:** Pull the trigger to move forward. Push the trigger to reverse (note: reverse speed is slower).
- **Steering:** Turn the steering wheel left or right to change the boat's direction.
- The boat offers fully proportional throttle and steering for precise control.



Image: The DEERC CA-2008 RC boat in action, demonstrating its speed and precise control capabilities.

3. Speed Modes

The remote control allows you to switch between two speed settings. Use the slower speed for beginners or smaller bodies of water, and the faster speed for open water and experienced users.

4. Self-Righting Function

The DEERC CA-2008 is equipped with a 180° auto-flip system. If the boat capsizes, it will automatically right itself, allowing for continuous play without manual intervention.



Image: The self-righting hull design of the DEERC CA-2008, illustrating its ability to automatically flip back upright.

5. Auto-Pilot Demo & LED Lights

Activate the one-key auto-pilot demo mode to watch the boat perform pre-programmed figure-8 or circular patterns. The integrated LED lights illuminate the water, enhancing visibility and visual appeal, especially during evening operation.

One-Key Auto Demo



Image: The boat's auto-pilot demo mode and its vibrant LED lighting feature.

6. Low Battery & Out-of-Range Alarms

The remote control provides smart alerts for low battery status and when the boat is approaching its maximum control range (approximately 493 feet). These audible alerts ensure you have ample time to return the boat to shore before losing power or control.



Image: Illustration of the low battery alarm feature on the remote control.

7. Multiplayer Operation

The advanced 2.4GHz non-interference system allows multiple DEERC CA-2008 boats to operate simultaneously without signal disruption, making it ideal for competitive racing with friends.



Image: Multiple boats operating simultaneously with a 2.4GHz remote control, showcasing the extended range.

MAINTENANCE

1. Post-Use Care

- After each use, remove the boat from the water and thoroughly dry its exterior.
- Open the hatch and inspect the interior for any moisture. If water is present, dry it completely before storage.
- Remove the boat battery and remote control batteries as per safety instructions.

2. Battery Storage

Store the Li-ion boat batteries fully charged in a cool, dry place. Do not store them in the boat or remote control for extended periods.

3. Waterproofing Checks

Regularly inspect the waterproof gasket around the boat's hatch to ensure it is free from debris and properly seated. This maintains the double-layer waterproofing and sealed hull integrity.



Image: The internal waterproof design of the DEERC CA-2008 boat.

4. Propeller Maintenance

Periodically check the propeller for any debris (e.g., grass, weeds) that may have become entangled. Clear any obstructions to ensure optimal performance. A spare propeller is included for replacement if needed.

5. Resting Between Sessions

Allow the boat's motor to cool down for a few minutes between battery changes to prevent overheating and prolong its lifespan.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not move in water.	Safety sensor not activated (boat not in water).	Ensure the boat is fully placed in water to activate the safety sensor.
Boat is sluggish or slow.	Low boat battery; propeller entangled; motor issue.	Charge boat batteries fully. Check propeller for debris. Allow motor to cool if recently used.
Remote control not responding.	Low remote control batteries; not paired.	Replace AA batteries in remote. Re-pair the remote with the boat (power cycle both).
Boat capsizes frequently.	Operating in excessively rough water; high speed turns.	Operate in calmer waters. Reduce speed during turns. The self-righting feature should correct most capsizes.
Water inside the boat.	Hatch not sealed properly; damaged gasket.	Ensure the hatch is securely latched and the waterproof gasket is correctly seated and undamaged.
Loss of control range.	Boat too far from remote; signal interference.	Bring the boat closer to the remote. Avoid areas with strong radio interference.

SPECIFICATIONS

Feature	Detail
Model Number	CA-2008
Product Dimensions	13.78 x 3.66 x 4.02 inches
Item Weight	2.03 pounds
Max Speed	20+ MPH
Control Frequency	2.4GHz
Control Range	Up to 493 feet
Boat Battery	2 x 7.4V 1200mAh Li-ion
Remote Control Battery	4 x AA batteries (not included)
Run Time	30+ minutes (with two batteries)
Charging Time	Approx. 1.5-2 hours per battery
Recommended Age	8 years and up
Features	Self-righting, LED Lights, Water Cooling System, 100% Waterproof Hull, Low Battery Alarm, Out-of-Range Alarm, Auto-Pilot Demo

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact DEERC customer service directly. Refer to the product packaging or the official DEERC website for contact details. Please retain your proof of purchase for any warranty claims.

	<p>DEERC RC Boat Product Manual - High-Speed Racing Boat</p> <p>Comprehensive product manual for the DEERC RC high-speed racing boat. Includes setup, operation, maintenance, and safety guidelines.</p>
 <p>DEERC H120 2.4G</p> <p>DEERC H120 2.4G High Speed Boat User Manual</p> <p>Comprehensive user manual for the DEERC H120 2.4G high-speed remote control boat, covering parts identification, setup, operation, maintenance, and safety precautions.</p>	
 <p>DEERC D20</p> <p>DEERC D20 Drone: Instructions for Use and Safety Guide</p> <p>Comprehensive instructions, safety guidelines, and specifications for the DEERC D20 drone. Learn how to operate, install, and maintain your drone.</p>	
 <p>DEERC D70</p> <p>DEERC D70 Drone: Instructions for Use and Safety Guidelines</p> <p>Comprehensive guide to operating the DEERC D70 drone, covering setup, flight controls, safety precautions, and maintenance. Learn how to fly, capture photos and videos, and utilize advanced features like Headless Mode and 360° flips.</p>	
 <p>DEERC D10</p> <p>DEERC D10 Drone: Instructions for Use and Operation Guide</p> <p>A comprehensive guide for the DEERC D10 drone, covering setup, operation, safety guidelines, functions, specifications, and contact information. Learn how to fly your DEERC D10 drone safely and effectively with this user-friendly manual.</p>	
 <p>DEERC 200E 1:10 Scale Brushless RC Car User Manual and Guide</p> <p>User manual for the DEERC 200E 1:10 scale brushless RC car. This guide provides instructions on setup, operation, maintenance, troubleshooting, and safety precautions for the high-speed remote control vehicle.</p>	