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DEERC DE122-CA

DEERC 2 Pack 13 inch Remote Control Boat Instruction Manual

Model: DE122-CA

Product Overview

The DEERC DE122-CA Remote Control Boat set includes two 13-inch RC racing boats designed for use in pools and lakes. These boats feature vibrant LED lights for enhanced visibility and excitement, especially during night operation. Each boat is equipped with a 2.4GHz remote control system, allowing for independent control and thrilling multi-player races. The set comes with four batteries to ensure extended playtime.

Key features include a water-activated motor for safety, a self-righting capsize recovery system, and a "Wave Rider Mode" for dynamic movement. The boats boast a heroic-inspired graffiti design, with one boat featuring green accents and the other red, white, and blue tones. They are designed to be waterproof and durable, suitable for various water environments.



Image: The DEERC RC Boat 2-pack, showcasing both the red and green boats, their respective remote controls, and the four included batteries.

Safety Information

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

- Keep the product away from naked flames or direct heat sources.
- Do not operate the boats in saltwater or heavily chlorinated water, as this may damage internal components.
- Ensure all battery compartments are securely sealed before placing the boat in water.
- Supervise children during operation to prevent accidents.
- Do not touch the propeller when the boat is powered on and in water.
- Always remove batteries from the boat and remote control when not in use for extended periods.

Package Contents

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

- DEERC RC Racing Boat (Red) x 1
- DEERC RC Racing Boat (Green) x 1
- 2.4GHz Remote Controller x 2
- Rechargeable Battery Pack x 4
- USB Charging Cable x 1
- Screwdriver x 1
- Instruction Manual (this document) x 1



Image: Visual representation of all items included in the DEERC RC Boat package.

Setup Guide

1. Charging the Boat Batteries

1. Connect the rechargeable battery pack to the USB charging cable.
2. Plug the USB charging cable into a standard USB power adapter (not included) or a computer USB port.
3. The charging indicator light on the USB cable will illuminate during charging and turn off when fully charged.
4. A full charge typically takes approximately 60-90 minutes. Ensure batteries are fully charged before first use for optimal performance.

2. Installing Batteries in the Boat

1. Locate the battery compartment on the top of the boat.
2. Use the included screwdriver to open the battery compartment cover.
3. Connect a fully charged battery pack to the boat's power connector.
4. Carefully place the battery inside the compartment, ensuring wires are not pinched. Ensure the battery wire is

securely tucked to prevent it from falling into the hull.

5. Close the battery compartment cover and secure it with the screw. Ensure the cover is tightly sealed to prevent water ingress.

3. Installing Batteries in the Remote Controller

1. Open the battery cover on the back of the remote controller.
2. Insert 2 "AA" batteries (not included) into the compartment, observing the correct polarity (+/-).
3. Close the battery cover.

Operating Instructions

1. Pairing the Boat and Remote

1. Ensure the boat battery is installed and the compartment is sealed.
2. Turn on the remote controller. The indicator light on the remote will flash.
3. Place the boat in water. The boat's motor is water-activated and will only power on when submerged.
4. The remote controller's indicator light will become solid, indicating successful pairing.



Image: The boat's motor activates only when placed in water, a safety feature for children and beginners.

2. Basic Controls

- **Forward:** Push the left joystick forward.
- **Backward:** Pull the left joystick backward.
- **Turn Left:** Push the right joystick left.
- **Turn Right:** Push the right joystick right.
- **Speed Control:** Use the speed adjustment button on the remote (refer to remote diagram in manual for exact location) to cycle through available speed settings.



Image: The remote control allows for precise speed adjustments and features low battery alerts.

3. Special Features

- **LED Lights:** The boats are equipped with vibrant LED lights that illuminate during operation, enhancing visibility and adding to the experience, especially in low-light conditions.
- **Wave Rider Mode:** Activate this mode (refer to remote diagram) to make the boat sway playfully as it moves forward, creating a more dynamic and exciting ride.
- **Self-Righting Capsize Recovery:** If the boat overturns, its design allows it to automatically flip back upright, ensuring continuous play without manual intervention.
- **Low Power Alarm:** The remote control will emit an alarm when the boat's battery is running low, signaling it's time to return the boat to shore for recharging. Note: The alarm may sound relatively late, so monitor playtime.



Image: The boat operating in Wave Rider Mode, demonstrating its playful movement on the water.



Image: The boat offers an extended control range of 165 feet and up to 80 minutes of playtime with the included four batteries.

Maintenance

Proper maintenance will extend the lifespan of your DEERC RC Boats:

- **After Each Use:** Remove the boat from water immediately. Open the battery compartment and carefully dry any moisture with a soft cloth. Ensure the boat's interior and exterior are completely dry before storage.
- **Cleaning:** Wipe down the boat and remote control with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:**
  - Always remove batteries from the boat and remote when not in use.
  - Store batteries in a cool, dry place away from direct sunlight.

- Do not overcharge or over-discharge batteries.
- If storing for extended periods, charge batteries to approximately 50% capacity.

- **Propeller Inspection:** Periodically check the propeller for any debris (e.g., weeds, string) that may hinder its rotation. Clean as necessary.



Image: The boats are designed with 100% waterproofing and robust durability for long-lasting use.

Troubleshooting

If you encounter issues with your DEERC RC Boats, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Boat does not move in water.	Battery not charged or installed correctly. Boat not paired with remote. Propeller obstructed. Boat not fully submerged (water-activated motor).	Ensure battery is fully charged and properly connected. Follow pairing instructions (place boat in water, turn on remote). Check and clear any debris from the propeller. Ensure the boat is placed in water for the motor to activate.
Remote control not responding.	Remote batteries are low or incorrectly installed. Out of range. Interference.	Replace remote batteries, check polarity. Bring the boat closer to the remote (within 165ft). Move to an area with less radio interference.
Boat flips over and does not self-right.	Extreme water conditions (e.g., large waves). Obstruction.	Operate in calmer waters. Retrieve the boat manually if it remains inverted.
Short playtime.	Battery not fully charged. Battery degradation.	Ensure batteries are fully charged before each use. Consider replacing older batteries if performance significantly degrades.

Specifications

Feature	Detail
Model Number	DE122-CA
Product Dimensions	9.5 x 7 x 32.5 cm (3.74 x 2.76 x 12.8 inches)
Item Weight	521.63 g (1.15 lbs)
Material Type	Plastic
Color	Red, Blue, Green, White (Graffiti Design)
Recommended Age	14 years and up
Control Frequency	2.4 GHz
Control Range	Up to 165 feet (50 meters)
Playtime per Battery	Approx. 20 minutes (80 minutes total with 4 batteries)
Batteries Required	Yes (4 rechargeable boat batteries included, 2 AA for each remote not included)
Special Features	LED Lights, Water Sensing Motor, Self-Righting, Wave Rider Mode, Low Power Alarm



Image: Size comparison illustrating the 12.8-inch length of the DEERC boat compared to smaller models.

Warranty and Support

DEERC products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your purchase or visit the official DEERC website. If you require technical support or have questions regarding your product, please contact DEERC customer service through the contact information provided on their official website or through your retailer.

For further assistance, you may visit the DEERC Store on Amazon.

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