

DEERC YK080

DEERC YK080 Fast RC Boat Instruction Manual

Model: YK080 | Brand: DEERC

1. INTRODUCTION

The DEERC YK080 Fast RC Boat is engineered for thrilling aquatic adventures, offering high-speed performance and user-friendly features. This manual provides essential information for setting up, operating, and maintaining your RC boat to ensure a safe and enjoyable experience. Designed for all skill levels, it reaches speeds over 20 MPH and includes adjustable speed settings, vibrant LED lights, and a self-righting hull.



Figure 1: DEERC YK080 RC Boat, Remote Control, and Batteries

2. WHAT'S IN THE BOX

Your DEERC YK080 RC Boat package includes the following components:

- DEERC YK080 RC Boat
- 2.4GHz Remote Controller
- Two 7.4V 800mAh Rechargeable Batteries
- USB Charging Cable
- Display Stand
- Spare Propeller
- Propeller Nut and Tool
- Hex Wrench
- Nose Cone (for display/protection)
- Instruction Manual



Figure 2: Package Contents

3. SETUP

3.1 Battery Charging

The boat comes with two 7.4V 800mAh batteries. Use the provided USB charging cable to charge the batteries. The charging indicator will typically show red while charging and turn green when fully charged. Ensure batteries are fully charged before first use for optimal performance.

3.2 Remote Controller Setup

The remote controller requires 3 AAA batteries (not included). Open the battery compartment on the back of the remote and insert the batteries, observing correct polarity. Close the compartment securely. The remote features a steering trim function to adjust the boat's straight-line tracking.

3.3 Boat Preparation

1. Carefully open the waterproof compartment on the top of the boat by twisting the latches.
2. Connect a fully charged battery to the boat's internal connector.
3. Ensure the battery is seated securely within its designated slot for proper balance.
4. Close the waterproof compartment, ensuring the gasket is properly sealed and the latches are twisted

firmly into place.

5. Optionally, attach the nose cone to the front of the boat for added protection or display.



Figure 3: Waterproof Battery Compartment

4. OPERATING INSTRUCTIONS

4.1 Basic Controls

Place the boat gently into the water. Turn on the remote controller. The boat and remote should automatically pair. Use the trigger on the remote for forward and backward movement, and the steering wheel for left and right turns.

4.2 Speed Settings

The boat features three adjustable speed settings. Use the speed switch on the remote to toggle between low, medium, and high speeds, adapting to your skill level and water conditions.

4.3 Self-Righting Feature

Should the boat accidentally flip over during operation, the 180° self-righting feature allows it to automatically return to an upright position. This ensures continuous fun without needing to retrieve the boat manually.



Figure 4: Self-Righting in Action

4.4 One-Touch Demo Mode

Activate the built-in demo mode with a single button press on the remote. The boat will automatically cruise in a smooth figure-8 pattern, showcasing its agility and performance.



Figure 5: Demo Mode

4.5 Multiplayer Racing

The advanced 2.4GHz remote control technology prevents signal interference, allowing multiple DEERC RC boats to race simultaneously without issues. This is ideal for group play in pools or lakes.

Video 1: DEERC RC Boat in action, demonstrating speed and maneuverability.

5. MAINTENANCE

5.1 Water Cooling System

The boat is equipped with a built-in water-cooling system to keep the motor running efficiently and prevent overheating during extended use. Ensure the water intake and outlet are clear of debris.



Figure 6: Water Cooling System

5.2 Waterproofing

The boat features double-layer waterproofing to protect internal components from water damage. Always ensure the battery compartment is securely sealed before placing the boat in water.

5.3 Propeller Care

The propeller is designed with overload protection. If debris gets caught in the propeller, it may stop spinning to prevent damage. Clear any obstructions using the provided tool. Always keep a spare propeller on hand.



Figure 7: Propeller Jam Protection

5.4 After Use

After each use, remove the battery from the boat and allow all components to dry thoroughly. Store the boat and remote in a cool, dry place.

6. TROUBLESHOOTING

6.1 Low Battery Alert

The remote control will emit beeping sounds to indicate a low battery level in the boat. This warning allows you to safely return the boat before the battery is fully depleted.



Figure 8: Low Battery Warning

6.2 Over-Distance Alarm

If the boat travels beyond the 394FT signal range, the remote will sound an alarm to alert you. Bring the boat closer to the remote to re-establish a strong connection.

Video 2: Demonstration of the RC boat's LED light modes and speed.

7. SPECIFICATIONS

- **Model Number:** YK080

- **Product Dimensions:** 11.89 x 3.15 x 3.07 inches
- **Item Weight:** 1.32 pounds
- **Max Speed:** 20+ MPH
- **Battery:** Two 7.4V 800mAh (included)
- **Play Time:** Up to 40 minutes (with two batteries)
- **Remote Control Frequency:** 2.4GHz
- **Signal Range:** 394FT
- **Recommended Age:** 0 - 1 years (Note: Always supervise children during operation)
- **Special Features:** Self-righting, Water Cooling System, Double-layer Waterproofing, Propeller Overload Protection, Low Battery Alert, Over-distance Alarm, 7 LED Light Modes, 3 Speed Settings, One-Touch Demo Mode.

8. SAFETY GUIDELINES



- Always operate the RC boat in open water bodies like pools or lakes. Avoid using in saltwater or areas with strong currents.
- Ensure children are supervised by an adult during operation.
- Do not operate the boat near swimmers or wildlife.
- Always remove batteries from the boat and remote when not in use.
- Inspect the boat for any damage before and after each use.













9. WARRANTY & SUPPORT

For warranty information, technical support, or replacement parts, please visit the official DEERC website or contact their customer service. Refer to the packaging for specific contact details.

DEERC US Seller: [DEERC US Store](#)

Related Documents - YK080

	<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 日本語マニュアル H120 2.4G</p> <p>usa@deerc.com (USA) eu@deerc.com (EU) jp@deerc.com (JP)</p> <p>www.deerc.com</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>

<div><div>DEERC</div><div>Instructions For Use</div><div>14t</div><div>Gebrauchsanweisung</div><div>V1.0</div><div></div><div>D20</div><div> usa@deerc.com (USA) eu@deerc.com (EU)</div><div> +1(855)777-8866</div></div>	<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>
<div><div>DEERC</div><div>Instructions For Use</div><div>14t</div><div>日本語マニュアル</div><div>Gebrauchsanweisungen</div><div>V1.0</div><div></div><div>D70</div><div> usa@deerc.com (USA) eu@deerc.com (EU)</div><div> +1(855)777-8866</div></div>	<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>
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<div><div>Preview</div></div>	<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>