

DEERC H120

DEERC H120 Fast RC Boat User Manual

MODEL: H120

Brand: DEERC

IMPORTANT SAFETY INFORMATION

Please read this manual thoroughly before operating your DEERC H120 RC Boat to ensure safe and optimal performance. Failure to follow instructions may result in damage or injury.

- Recommended Age: 14 years and up.
- **Not for saltwater use:** This boat is designed for freshwater environments only (pools and lakes). Saltwater can cause corrosion and damage to internal components.
- Always ensure the battery is fully charged before use.
- The boat's propeller will only activate when the boat is placed in water, thanks to its built-in water sensing device.
- Pay attention to the low battery alarm from the remote control to return the boat to shore promptly.

PACKAGE CONTENTS

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

- DEERC H120 RC Boat
- 2.4 GHz Remote Control
- Rechargeable Lithium Polymer Battery (1 included)
- USB Charger
- Screwdriver
- Lock Nut
- Wrench
- Spare Propeller
- Support Frame (Display Stand)
- Lubricant
- Anti-collision Head



Image: The DEERC H120 RC Boat, remote control, and various accessories including batteries, charger, tools, and spare parts.

SETUP

1. Boat Battery Installation

1. Locate the double-hatch cover on the top of the boat.
2. Unscrew the fasteners to open the outer hatch.
3. Open the inner waterproof hatch.
4. Connect the rechargeable Lithium Polymer battery to the boat's power connector.
5. Carefully place the battery into its designated compartment.
6. Securely close both the inner waterproof hatch and the outer hatch, ensuring all fasteners are tightened to prevent water ingress.

TOUGH INSTRUCTURE WITH DOUBLE HATCH

Double-hatch design and capsize recovery make this the best choice for any level RC enthusiast. It also protects your RC motorboat and improves water resistance in wavier waters.



Image: Illustration of the boat's double-hatch design for enhanced water resistance and battery access.

2. Remote Control Battery Installation

1. Locate the battery compartment on the back of the remote control.
2. Use the included screwdriver to open the battery cover.
3. Insert 4 AA batteries (not included) into the compartment, ensuring correct polarity (+/-).
4. Replace the battery cover and secure it with the screw.

OPERATING INSTRUCTIONS

1. Pairing the Boat and Remote

For successful pairing, the boat must be placed in water. The propeller will not activate outside of water.

1. Ensure the boat battery is installed and the hatches are securely closed.
2. Place the boat in freshwater.
3. Turn on the remote control. The remote and boat should automatically pair. A successful pairing is indicated by a solid light on the remote.

2. Basic Controls

- **Forward/Backward:** Use the left joystick to control the boat's speed and direction (forward/reverse).
- **Left/Right:** Use the right joystick to steer the boat.

3. High-Speed Performance

The DEERC H120 RC Boat can reach speeds of up to 20 MPH, providing an exciting racing experience.



Image: The DEERC H120 RC Boat in action, demonstrating its high-speed capability on water.

4. Capsize Recovery Function

If the boat capsizes during operation, the self-righting design allows you to easily flip it back over using the remote control, ensuring continuous play.



Image: Visual guide demonstrating how the boat recovers from a capsized position.

5. Low Battery Alarm

The remote control will emit a beeping sound when the boat's battery is running low. This feature helps you bring the boat back before it loses power completely, preventing it from getting stranded.



Image: The boat on water with an overlay indicating the low battery warning on the remote control.

6. Water-Cooling System

The boat features a water-cooling system to maintain optimal motor temperature during high-speed operation, ensuring durability and consistent performance.



Image: An X-ray view of the boat highlighting the internal water-cooling system and water sensing device.

MAINTENANCE

- After each use, thoroughly dry the boat with a soft cloth.
- Remove the battery from the boat and the remote control when not in use to prevent discharge and potential damage.
- Apply the included lubricant to the propeller shaft periodically to ensure smooth operation and prevent wear.
- Store the boat and remote control in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not move in water.	Battery not connected/charged; Not in water; Remote not paired.	Ensure battery is connected and charged. Place boat in water. Re-pair remote control.
Remote control not responding.	Remote batteries low/dead; Out of range.	Replace remote control batteries. Operate within 150-meter range.
Boat capsizes frequently.	Aggressive turns at high speed; Rough water conditions.	Utilize capsizing recovery function. Adjust speed and turns for water conditions.
Short operating time.	Battery not fully charged; Old battery.	Ensure battery is fully charged before use. Consider replacing battery if performance degrades.

SPECIFICATIONS

Feature	Detail
Model Number	H120
Product Dimensions	13.86 x 3.62 x 3.54 inches
Item Weight	1 pound
Recommended Age	14 years and up





Feature	Detail
Max Speed	20+ MPH
Remote Control Frequency	2.4 GHz
Remote Control Range	150 meters
Battery Type	Lithium Polymer (included)

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your DEERC H120 RC Boat, please contact DEERC customer service directly. Refer to the contact information provided on the product packaging or the official DEERC website.



Related Documents - H120

	<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 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 D10 Drone: Instructions for Use and Operation Guide</p> <p>Comprehensive guide for the DEERC D10 drone, covering setup, operation, safety guidelines, specifications, and troubleshooting. Learn how to fly and utilize all features of your DEERC D10 drone.</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>

