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> 4DRC Fire Dragon 4D-S1 Remote Control Boat User Manual

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High-Speed Waterproof RC Boat with Dual Motors and LED Lights

1. INTRODUCTION

Thank you for purchasing the 4DRC Fire Dragon 4D-S1 Remote Control Boat. This high-speed, waterproof RC boat is designed for thrilling aquatic adventures, featuring dual motors for powerful propulsion and LED lights for enhanced visibility during night play. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure you get the most out of your new RC boat.

2. SAFETY INFORMATION

- **Age Recommendation:** This product is recommended for users aged 14 years and above.
- **Adult Supervision:** Children should always operate the boat under the direct supervision of an adult.
- **Water Safety:** Operate the boat only in safe, open water areas, away from swimmers, wildlife, and obstacles. Do not operate in saltwater.
- **Battery Safety:**
 - Use only the specified battery and charger.
 - Do not overcharge or short-circuit batteries.
 - Do not expose batteries to extreme temperatures or direct sunlight.
 - Remove batteries from the boat and remote control when not in use for extended periods.
- **Propeller Safety:** Keep fingers, hair, and loose clothing away from the propellers when the boat is powered on.
- **Waterproof Design:** While the boat features a sealed waterproof design, ensure all hatches are securely closed before placing it in water to prevent water ingress to electronic components.

3. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- 4DRC Fire Dragon 4D-S1 RC Boat

- 2.4GHz Remote Control
- 3.7V 800mAh Rechargeable Li-ion Battery (for boat)
- USB Charging Cable
- Display Stand (if included)

Note: 2 x AA batteries for the remote control are not included.



Image: The complete package contents, showing the Fire Dragon 4D-S1 boat, its remote control, rechargeable battery, and the product box.

4. PRODUCT OVERVIEW

The Fire Dragon 4D-S1 RC Boat is engineered for performance and durability. Its aerodynamic design minimizes water and wind resistance, allowing for high speeds. The dual motor system provides powerful propulsion, reaching speeds of up to 30 km/h. The 2.4GHz control system ensures a stable signal and long control range, while integrated LED lights allow for exciting night operation.



Image: The Fire Dragon 4D-S1 boat and its remote control, ready for display or use.

**ELABORADO EM MATERIAL
RESISTENTE E DURÁVEL COM
DETALHES ÚNICOS**



Image: The boat in action on water, showcasing its robust and durable construction.

2 MOTORES DE PROPULSÃO 2 MODOS DE DIVERSÃO



Image: Detail of the boat's rear, illustrating the two powerful propulsion motors.

5. SETUP

5.1 Charging the Boat Battery

1. Connect the 3.7V 800mAh Li-ion battery to the provided USB charging cable.
2. Plug the USB charging cable into a standard USB power adapter (e.g., computer USB port, wall charger).
3. The charging indicator light on the USB cable will show the charging status (refer to charger instructions for specific light behavior).
4. A full charge takes approximately 120 minutes. Do not leave charging unattended.

5.2 Installing Remote Control Batteries

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

5.3 Pairing the Boat and Remote

1. Ensure the boat battery is fully charged and installed correctly in the boat.
2. Place the boat on a flat, dry surface.
3. Turn on the boat's power switch.
4. Turn on the remote control's power switch.
5. The remote control and boat will automatically pair. A successful pairing is usually indicated by a solid light on both devices (refer to specific light indicators if available).

6. OPERATING INSTRUCTIONS

Once paired, you are ready to operate your Fire Dragon 4D-S1 RC Boat. Always operate in suitable water conditions and within the control range.

6.1 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.

6.2 Operating Tips

- The boat is designed for use on various aquatic surfaces.
- The 2.4GHz frequency allows for multiple boats to be operated simultaneously without interference.
- The control range is up to 100 meters. Operating beyond this range may result in loss of control.
- The boat features LED lights for enhanced visibility and fun during low-light or night operation.



Image: The boat and remote control demonstrating their wireless connection during operation on water.

7. MAINTENANCE

- **After Use:** After each use, especially in water, thoroughly dry the boat with a soft cloth. Ensure no water remains inside the battery compartment or near electronic components.
- **Cleaning:** Clean the boat's hull and propellers of any debris (e.g., weeds, dirt) that may have accumulated during operation. Use a damp cloth for cleaning; avoid harsh chemicals.
- **Battery Care:**
 - Store the boat battery in a cool, dry place when not in use.
 - Do not store fully discharged batteries for long periods. Charge them to about 50% for optimal storage.
 - Remove AA batteries from the remote control if it will not be used for an extended period to prevent leakage.
- **Storage:** Store the boat and remote control in a dry, cool environment, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your Fire Dragon 4D-S1 RC Boat, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Boat does not respond to remote.	Low battery in boat or remote; Not paired; Out of range.	Charge boat battery; Replace remote batteries; Re-pair boat and remote; Operate within 100m range.
Boat runs slowly or intermittently.	Low boat battery; Propellers obstructed; Water in boat.	Charge boat battery; Clear any debris from propellers; Check for water ingress and dry thoroughly.
Remote control indicator light is off.	Remote batteries are dead or incorrectly installed.	Replace AA batteries, ensuring correct polarity.
Boat capsizes easily.	Operating in rough water; High speed turns.	Operate in calmer water; Reduce speed during turns.

AVISOS DE SEGURANÇA



ALARME DE DISTÂNCIA



ALARME DE BATERIA

Image: Visual representation of safety warnings, such as distance and battery alarms, for the RC boat.

9. SPECIFICATIONS

Feature	Detail
Brand	4DRC
Model Name	Fire Dragon 4D-S1
Manufacturer Reference	SGNBRRM15128GR-1885
Material	ABS Plastic (Waterproof)
Boat Battery	3.7V 800mAh Li-ion (Rechargeable)
Remote Control Battery	2 x AA (Not Included)
Charging Time	Approx. 120 minutes
Usage Time	Up to 25 minutes
Max Speed	Up to 30 km/h
Control Range	Up to 100 meters
Frequency	2.4GHz
Dimensions (Boat)	35 cm (Length) x 8 cm (Height) x 10.8 cm (Width)
Net Weight (Boat)	220g
Recommended Age	14 years and above
Certification	INMETRO 04321/2023

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the retailer or manufacturer's official website where you purchased the product. Keep your proof of purchase for any warranty claims.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Where is the power switch located on the 4DRC Fire Dragon 4D-S1 Remote Control Boat to turn it on after the battery is connected?

According to the 4DRC Fire Dragon 4D-S1 manual, there is a specific power switch that must be toggled to begin the pairing process. While the manual does not provide a specific diagram of the...

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