

SOWOFA FT016

SOWOFA FT016 RC Racing Boat Instruction Manual

Model: FT016

1. INTRODUCTION

Thank you for purchasing the SOWOFA FT016 RC Racing Boat. This high-speed remote control watercraft is designed for enthusiasts aged 15 and above, offering an exciting experience on lakes and pools. Please read this manual thoroughly before operating the boat to ensure safe and optimal performance.

2. SAFETY INFORMATION

- **Age Recommendation:** This product is recommended for users 15 years of age and older. Adult supervision is advised for younger users.
- **Water Environment:** Operate the boat only in calm, open water bodies like lakes or large pools. Avoid operating in strong currents, crowded areas, or near swimmers.
- **Battery Safety:** Use only the specified 7.4V lithium battery for the boat and AA batteries for the remote control. Do not overcharge or short-circuit batteries. Dispose of batteries responsibly.
- **Propeller Warning:** Keep fingers, hair, and loose clothing away from the propeller when the boat is powered on. The propeller can cause injury.
- **Water Contact:** Ensure all hatches and covers are securely closed before placing the boat in water to prevent water damage to internal electronics.
- **Environmental Conditions:** Do not operate in extreme weather conditions, high winds, or during thunderstorms.

3. PACKAGE CONTENTS

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

- SOWOFA FT016 RC Racing Boat (Color: Orange or Green)
- 2.4GHz Remote Control Transmitter
- 7.4V Lithium Battery (for boat)

- Battery Charger
- Spare Propellers
- Boat Stand
- Instruction Manual



Image: The SOWOFA FT016 RC Racing Boat package contents, showing the boat, remote control, charger, and spare propellers.

4. SETUP

4.1. Charging the Boat Battery

1. Connect the 7.4V lithium battery to the provided charger.
2. Plug the charger into a suitable power outlet.
3. Allow the battery to charge fully. Refer to the charger's indicator lights for charging status.
4. Once fully charged, disconnect the battery from the charger.

4.2. Installing Boat Battery

1. Carefully remove the top cover of the boat.
2. Connect the charged 7.4V lithium battery to the boat's power connector.
3. Place the battery securely within the battery compartment.
4. Ensure all wires are tucked away and do not interfere with the cover.
5. Replace the top cover, ensuring it is sealed tightly to prevent water ingress.

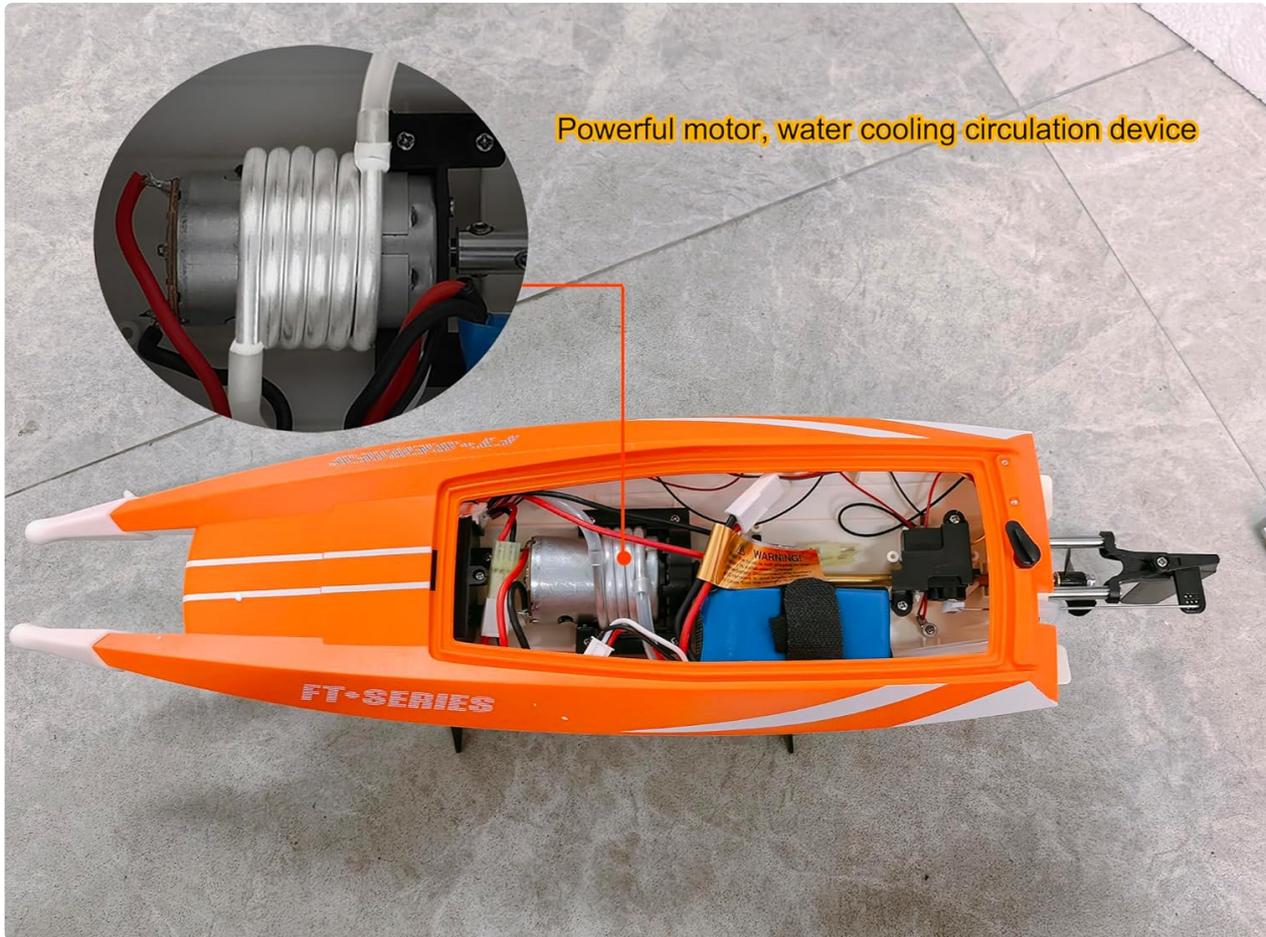


Image: Internal components of the boat, highlighting the motor and water cooling system, and the battery placement area.

4.3. Installing Remote Control Batteries

1. Open the battery compartment on the back of the remote control.
2. Insert 6 AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment securely.

100+
Meter



2.4GHz ship high frequency wireless system, remote control distance up to 100 to 150 meters, single machine single frequency, suitable for many people to compete.

Image: The 2.4GHz remote control unit.

4.4. Pairing the Remote Control

1. Ensure the boat's battery is connected and the boat is powered off.
2. Turn on the remote control. The indicator light on the remote will likely flash.
3. Place the boat in water. The boat's power system will activate upon water contact.
4. The remote control and boat should automatically pair. The remote's indicator light will become solid when paired successfully.

5. OPERATING THE BOAT

5.1. Pre-Operation Checklist

- Ensure boat and remote batteries are fully charged.

- Verify all boat covers are securely fastened.
- Check the water area for any obstacles or debris.

5.2. Launching and Controls

1. Gently place the boat onto the water surface. The boat's propeller will not activate until it is in water.
2. Use the remote control's throttle trigger to move the boat forward or backward.
3. Use the steering wheel on the remote to turn the boat left or right.



Image: The FT016 boat in action on the water.



Image: An orange FT016 boat on the water.



Image: The FT016 boat generating a wake.

5.3. Key Features

- **High Speed:** The boat can reach speeds of up to 30-35 km/h.
- **Operating Range:** Enjoy a control distance of 100-150 meters.
- **Auto-Correct Flip Surface:** The boat is designed to automatically right itself if it flips over during operation.
- **Low Power Warning:** The remote control will provide a warning when the boat's battery is running low, indicating it's time to return the boat to shore for charging.
- **Water Cooling System:** An integrated water cooling system helps maintain optimal motor temperature during high-speed operation.

5.4. Official Product Videos

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Video: The SOWOFA FT016 RC Racing Boat operating on a lake, demonstrating its speed and maneuverability. This video highlights the boat's performance in an open water environment.

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Video: The SOWOFA FT016 RC Racing Boat in action during dusk, showcasing its speed capabilities of 30-35km/h. This video provides a visual representation of the boat's high-speed performance.

6. MAINTENANCE

6.1. After Each Use

- **Clean the Boat:** After each use, especially in saltwater, rinse the boat thoroughly with fresh water to remove salt, dirt, and debris.
- **Dry Thoroughly:** Open the boat's cover and allow all internal components to dry completely before storage. This prevents corrosion and mold.
- **Inspect Propeller:** Check the propeller for any tangled weeds, fishing lines, or damage. Remove any

obstructions carefully.

- **Battery Care:** Disconnect the boat battery and store it in a cool, dry place. Do not leave batteries connected to the boat during storage.

6.2. Storage

- Store the boat and remote control in a dry, cool environment, away from direct sunlight and extreme temperatures.
- Remove batteries from the remote control if storing for extended periods.
- Use the provided boat stand for stable storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not respond to remote.	Low battery in boat or remote; Not properly paired; Boat not in water.	Charge/replace batteries; Re-pair remote and boat; Place boat in water to activate.
Boat runs slowly or has short run time.	Low boat battery; Propeller obstructed; Motor overheating.	Fully charge boat battery; Clear propeller of debris; Allow motor to cool down.
Boat flips over frequently.	Operating in rough water; High speed turns.	Operate in calmer water; Reduce speed during turns. The auto-correct feature should right the boat.
Water inside the boat.	Cover not sealed properly.	Ensure all covers are tightly sealed before use. Dry internal components thoroughly.

8. SPECIFICATIONS

Feature	Detail
Model Number	FT016 (Fe 16)
Dimensions	18.9 inches (47 x 12.5 cm)
Item Weight	2.68 pounds
Max Speed	Approx. 30-35 KM/H
Control Distance	100-150 meters
Usage Time	6-8 minutes
Boat Battery	7.4V Lithium Battery (included)
Remote Control Batteries	6 AA batteries (included)
Recommended Age	15 years and up



Image: The FT016 boat with its approximate dimensions.

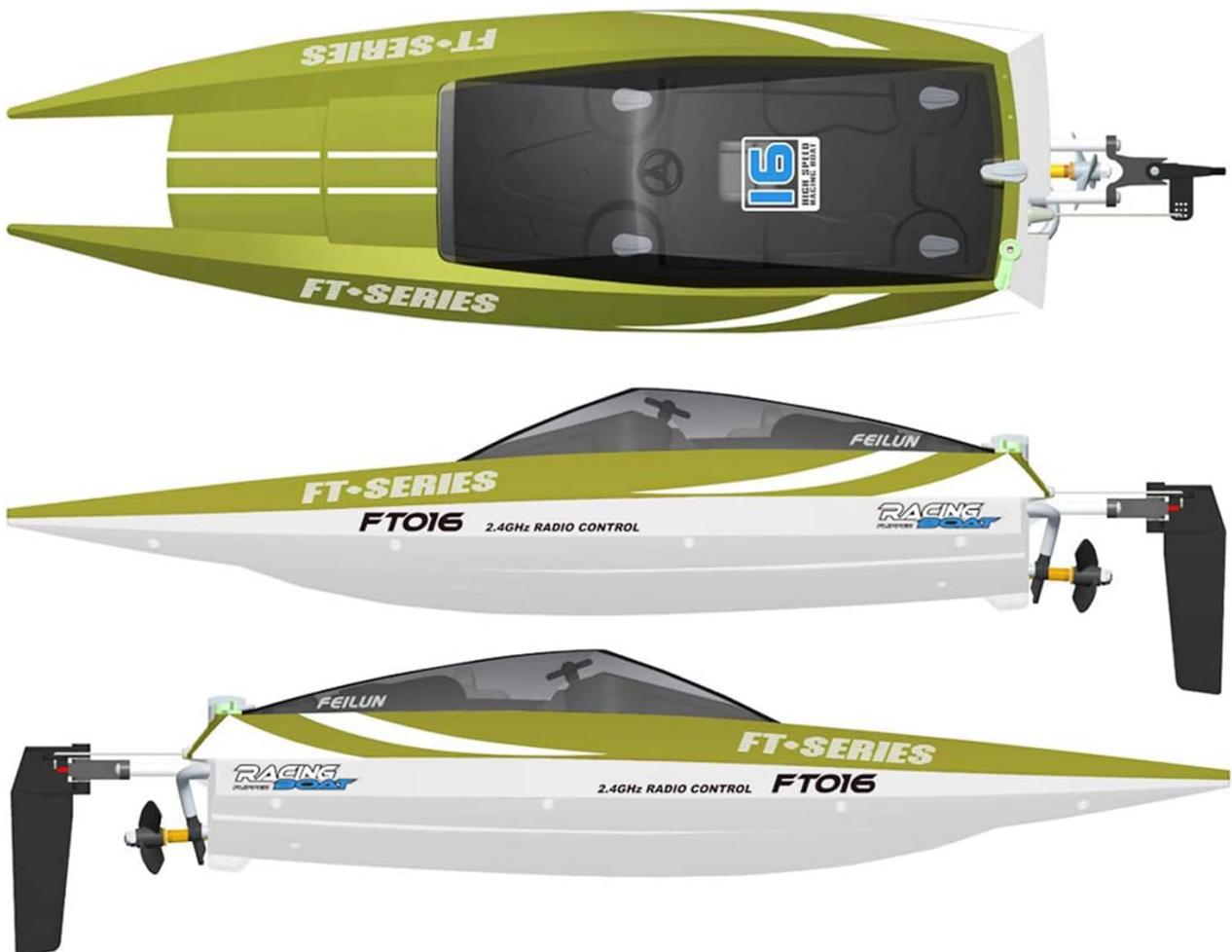


Image: Technical diagrams of the FT016 boat from various angles.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact SOWOFA customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.