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› SOWOFA Feilun FT011 High Speed Remote Control Boat User Manual

SOWOFA FT011

SOWOFA Feilun FT011 High Speed Remote Control Boat User Manual

Model: FT011

INTRODUCTION

This manual provides essential information for the safe operation, setup, and maintenance of your SOWOFA Feilun FT011 High Speed Remote Control Boat. Designed for experienced hobbyists, this boat offers high-speed performance and advanced features. Please read this manual thoroughly before operating the product to ensure proper use and longevity.

WHAT'S IN THE BOX

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

- RC boat x1
- Controller x1
- Display stand x1
- Spare propeller and spare kits x1
- Large capacity battery x1

KEY FEATURES

- **High Speed Performance:** Achieves speeds of approximately 55 km/h (34.2 mph).
- **Brushless Motor:** Equipped with a powerful brushless motor for efficient and high-speed operation.
- **2.4 GHz Control System:** Allows multiple boats to operate simultaneously without interference, with a control distance of approximately 150 meters.

- **Automatic Roll Correction:** Designed to automatically self-right if the boat flips over during operation.
- **Internal Water Cooling System:** Features an internal circulation system for effective heat dissipation of the motor, enhancing durability.
- **Low Battery Warning:** Provides an alert when the boat's battery is low, indicating it's time to return to shore for recharging.
- **Durable Construction:** Built for robust use in water environments.

SPECIFICATIONS

Speed	55-65 km/h (34.2-40.4 mph)
Frequency	2.4 GHz
Channel	4 channels
Charging Time	Approximately 90 minutes
Playing Time	Approximately 6-8 minutes
Control Distance	Approximately 150 meters
Boat Battery	14.8V 2200mA
Transmitter Battery	6 x 1.5V AA batteries (not included)
Manufacturer Recommended Age	14 months and up (Note: Product description states "for amateur player, ultimate version excellent configuration, not suitable for beginners." This age might be a general Amazon classification, actual use requires maturity.)

SETUP GUIDE

1. Battery Installation (Transmitter)

1. Locate the battery compartment on the back of the transmitter.
2. Open the battery cover.
3. Insert 6 x 1.5V AA batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.



1. Internal water cooling circulation system for heat dissipation of the motor.

2. The battery capacity can be upgraded to a larger capacity, suitable for hobbies.

Image: The remote control transmitter for the Feilun FT011 RC boat, featuring a pistol-grip design with a steering wheel and trigger for throttle control.

2. Charging the Boat Battery

1. Connect the 14.8V 2200mA boat battery to the provided charger.
2. Plug the charger into a suitable power outlet.
3. Allow approximately 90 minutes for a full charge. Refer to the charger's indicator lights for charging status.
4. Disconnect the battery once fully charged. Do not overcharge.

3. Installing the Boat Battery

1. Carefully open the top hatch of the RC boat.
2. Insert the charged 14.8V 2200mA battery into the designated compartment.
3. Secure the battery to prevent movement during operation.
4. Connect the battery to the boat's power connector, ensuring a firm connection.
5. Close the top hatch securely to ensure water resistance.



Image: Close-up view of the internal components of the Feilun FT011 RC boat, showing the battery compartment, wiring, and part of the water cooling system.

OPERATING INSTRUCTIONS

1. Pairing the Transmitter and Boat

1. Ensure both the boat battery and transmitter batteries are installed and powered on.
2. Place the boat in water. The boat's propeller will not activate out of water for safety.
3. Turn on the transmitter. The indicator light on the transmitter should blink.
4. The boat and transmitter will automatically pair. Once paired, the transmitter's indicator light will become solid.
5. If pairing fails, turn off both devices and repeat the process.

2. Basic Controls

- **Forward:** Pull the throttle trigger on the transmitter towards you.
- **Backward:** Push the throttle trigger away from you.
- **Turn Left:** Rotate the steering wheel on the transmitter counter-clockwise.
- **Turn Right:** Rotate the steering wheel on the transmitter clockwise.
- **Automatic Roll Correction:** If the boat capsizes, briefly apply throttle forward and then release. The boat is designed to self-right.



Image: The SOWOFA Feilun FT011 high-speed RC boat on the water, viewed from the rear, showing its sleek black hull and twin propellers, creating a wake.



Image: The SOWOFA Feilun FT011 RC boat moving at high speed across the water, leaving a significant white wake behind it, indicating its powerful performance.



Image: The SOWOFA Feilun FT011 RC boat making a turn on the water, with spray visible from its hull as it maneuvers.



Image: The SOWOFA Feilun FT011 RC boat viewed from the front as it moves across the water, showcasing its sleek, aerodynamic

design.

Run on the water 55 KM+



Image: The SOWOFA Feilun FT011 RC boat seen from the side, gliding on the water with a small wake, highlighting its long, narrow hull.



Image: The SOWOFA Feilun FT011 RC boat operating on a large body of water, viewed from a distance, with trees visible in the background, demonstrating its outdoor use.

3. Important Operating Notes

- Always operate the boat in open water, free from obstacles, swimmers, or wildlife.
- Do not operate in saltwater, as it can corrode internal components.
- Monitor the low battery warning. Return the boat to shore immediately when the warning activates to avoid losing control.
- Avoid continuous high-speed operation for extended periods to prevent overheating. The internal cooling system helps, but breaks are recommended.
- Maintain line of sight with the boat at all times.

MAINTENANCE

1. After Each Use

- Remove the boat battery and disconnect it.
- Wipe down the boat's exterior with a soft, dry cloth to remove any water or debris.
- Open the hatch and dry the interior thoroughly to prevent moisture buildup and corrosion.
- Inspect the propeller for any tangled debris (e.g., weeds, fishing line) and carefully remove it.
- Check the rudder and propeller for any damage.

2. Storage

- Store the boat and transmitter in a cool, dry place, away from direct sunlight and extreme temperatures.
- Remove batteries from both the boat and the transmitter if storing for extended periods to prevent leakage.
- Use the provided display stand for proper storage and display.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not respond to transmitter.	Batteries are low or incorrectly installed. Boat and transmitter not paired. Boat not in water (safety feature).	Replace/recharge batteries; check polarity. Follow pairing instructions in Setup Guide. Place boat in water.
Boat runs slowly or has reduced range.	Low boat battery. Obstruction in propeller. Operating too far from transmitter.	Recharge boat battery. Check and clear propeller. Operate within 150m range.

Boat capsizes frequently.	Rough water conditions. Incorrect operation.	Operate in calmer water. Practice smooth turns; utilize auto-roll correction.
Motor overheats.	Continuous high-speed operation. Water cooling system blockage.	Allow boat to cool down periodically. Inspect water intake/outlet for blockages.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official SOWOFA store on Amazon:

[Visit the SOWOFA Store on Amazon](#)

Additionally, for more operational videos and tips, you can search "SOWOFA FT011 Feilun RC Boat" on YouTube.

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Name

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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

