

Amewi 26070

Amewi 26070 Adventure RC Racing Catamaran Motor Boat User Manual

Model: 26070

1. INTRODUCTION

Thank you for purchasing the Amewi 26070 Adventure RC Racing Catamaran Motor Boat. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your new remote-controlled boat. Please read this manual thoroughly before operating the boat to ensure proper function and to prevent damage or injury.

The Amewi 26070 is a high-performance racing catamaran designed for speed and maneuverability. It features a durable ABS hull, water-cooled motor, and a precise 2.4GHz radio system for sensitive control. This Ready-To-Run (RTR) model comes with most components pre-assembled, requiring minimal setup before use.



Figure 1: Amewi 26070 Adventure RC Racing Catamaran Motor Boat (Red)

This image displays the Amewi 26070 Adventure RC Racing Catamaran Motor Boat in its striking red color. The sleek design and "Adventure" branding are visible, highlighting its racing capabilities.

2. SAFETY INSTRUCTIONS

Operating an RC boat requires attention to safety. Failure to follow these instructions may result in injury or damage to the product or property.

- **Age Recommendation:** This product is recommended for users aged 14 years and up. Adult supervision is advised for younger users.
- **Water Use Only:** The boat is designed for use in water. Do not operate on land.
- **Safe Operating Area:** Operate the boat in open water areas, away from swimmers, wildlife, and other watercraft. Avoid areas with strong currents or obstacles.
- **Battery Safety:**
 - Always use the specified Li-ion 7.4V 1800 mAh battery.
 - Do not overcharge or over-discharge batteries.
 - Never leave charging batteries unattended.
 - Store batteries in a cool, dry place, away from flammable materials.
 - If the battery becomes hot, swells, or shows any signs of damage, discontinue use immediately.
- **Propeller Warning:** Keep fingers, hair, and loose clothing away from the propeller when the boat is powered on. The propeller can cause serious injury.
- **Water Ingress:** While the boat is designed to be splash-proof, ensure all hatches are securely closed before operation to prevent water from entering the electronics compartment.
- **Radio Interference:** Avoid operating near other RC devices or strong radio sources to prevent signal loss.
- **Environmental Conditions:** Do not operate in extreme weather conditions, high winds, or during thunderstorms.

3. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- Amewi 26070 RC Racing Catamaran Motor Boat
- 2.4GHz Transmitter (Remote Control)
- Li-ion 7.4V 1800 mAh Battery (for boat)
- Battery Charger
- Boat Stand
- Instruction Manual (this document)
- Small tools/accessories (e.g., hex wrench, spare propeller - may vary)

4. SETUP

4.1. Charging the Boat Battery

1. Connect the Li-ion 7.4V 1800 mAh boat battery to the provided charger.
2. Plug the charger into a suitable power outlet.
3. Allow approximately 120 minutes for a full charge. Refer to the charger's indicator lights for charging

status.

4. **Important:** Never leave the battery charging unattended. Disconnect the charger once charging is complete.

4.2. Installing Transmitter Batteries

The transmitter requires batteries (not included). Open the battery compartment on the back of the transmitter and insert the required batteries, observing correct polarity.

4.3. Installing the Boat Battery

1. Carefully open the top hatch of the boat.
2. Connect the fully charged Li-ion battery to the boat's power connector (Mini Tamiya connection).
3. Secure the battery within the compartment to prevent movement during operation.
4. Ensure all wires are clear of moving parts and the hatch seal.
5. Close the hatch securely to prevent water ingress.



Figure 2: Internal Motor Assembly

This image shows a close-up of the boat's internal motor assembly, highlighting the water-cooling jacket around the motor. Proper battery connection and wire routing are crucial in this area.



Figure 3: Internal Servo and Wiring

This image provides a detailed view of the boat's steering servo and internal wiring connections. Ensure these components are securely mounted and connections are firm.

4.4. Transmitter Pairing

The 2.4GHz radio system typically pairs automatically. Turn on the transmitter first, then the boat. The boat's safety circuit ensures the propeller will not activate unless the boat is in water.

5. OPERATING INSTRUCTIONS

5.1. Launching the Boat

Place the boat gently into the water. The safety circuit will activate the motor only when the boat is submerged. Ensure the water is deep enough for the propeller and rudder to operate freely.

5.2. Controls

- **Throttle:** Use the throttle stick on the transmitter to control forward and reverse speed. The boat features a reverse gear for high maneuverability.
- **Steering:** Use the steering wheel/stick to control the rudder for left and right turns.
- **Trimming:** The transmitter allows for fine-tuning (trimming) of the rudder system to ensure the boat travels straight when the steering is centered. Adjust as needed for optimal performance.



Figure 4: Rudder and Propeller Assembly

This image shows the rear view of the boat, detailing the rudder and propeller assembly. The precise control of these components is essential for steering and propulsion.

5.3. Driving Tips

- Start with slow speeds to get accustomed to the controls.
- The catamaran design provides excellent stability in curves.
- Be mindful of the boat's range (approximately 80 meters) to avoid losing control.
- The typical driving time is about 20 minutes. Monitor the boat's speed and responsiveness as the battery depletes.
- If the boat loses power or signal, retrieve it manually.

6. MAINTENANCE

Regular maintenance ensures the longevity and performance of your RC boat.

- **After Each Use:**
 - Remove the boat battery.
 - Drain any accumulated water from the hull. The boat features a drainage system (see Figure 5).
 - Wipe down the boat with a soft, dry cloth.
 - Inspect the propeller, rudder, and all moving parts for debris or damage.
- **Water Cooling System:** The motor is water-cooled. Ensure the water intake and outlet are clear of obstructions.
- **Battery Storage:** Store the Li-ion battery in a cool, dry place at a storage charge (around 3.8V per cell) if not used for extended periods. Do not store fully charged or fully discharged.
- **Transmitter:** Remove batteries from the transmitter if it will not be used for a long time.



Figure 5: Water Drainage System

This image illustrates the water drainage point at the rear of the boat, indicating how water can be expelled from the hull after use. Ensure this drain is clear.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not respond to transmitter.	Boat battery low or not connected. Transmitter batteries low or incorrectly installed. Boat not in water (safety circuit). Out of range.	Charge/connect boat battery. Replace/install transmitter batteries correctly. Place boat in water. Bring boat closer to transmitter.
Boat runs slowly or with reduced power.	Boat battery low. Propeller obstructed by debris. Motor overheating.	Recharge boat battery. Remove debris from propeller (<i>ensure boat is off!</i>). Allow motor to cool down. Check water cooling intake.
Water inside the hull.	Hatch not securely closed. Operating in rough water. Seal damage.	Ensure hatch is fully sealed before use. Avoid rough water conditions. Inspect and replace seals if damaged.
Boat does not steer straight.	Rudder trim incorrect. Rudder linkage loose or damaged.	Adjust rudder trim on the transmitter. Inspect rudder and linkage for damage; tighten connections.

8. SPECIFICATIONS

Feature	Detail
Model Number	26070
Length	450 mm (17.7 inches)
Width	150 mm (5.9 inches)

Feature	Detail
Height	120 mm (4.7 inches)
Weight	690 g (1.52 pounds)
Max. Speed	Up to 30 km/h (18.6 mph)
Max. Range	Approx. 80 meters
Driving Time	Approx. 20 minutes
Charging Time	Approx. 120 minutes
Boat Battery	Li-ion 7.4V 1800 mAh
Radio System	2.4GHz Proportional
Manufacturer Recommended Age	14 years and up



9. WARRANTY AND SUPPORT


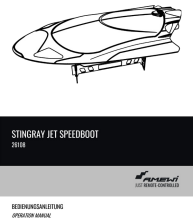


Amewi products are manufactured to high-quality standards. For warranty information, technical support, or spare parts, please contact your retailer or the official Amewi customer service. Please retain your proof of purchase for any warranty claims.

For further assistance, please visit the official Amewi website or contact their support channels directly.

© 2025 Amewi. All rights reserved.

Related Documents - 26070

	<p>AMEWI Baiting 2500 V2 RC Bait Boat Manual: Operation, Setup & Safety Guide</p> <p>Comprehensive user manual for the AMEWI Baiting 2500 V2 remote-controlled bait boat. Covers setup, operation, GPS features, safety warnings, battery handling, disposal, troubleshooting, and wiring diagrams.</p>
	<p>AMEWI Fairplay I Schlepper Boat Operation Manual</p> <p>Operation manual for the AMEWI Fairplay I Schlepper Boat (models 26109, 26110), providing instructions for use, safety warnings, battery information, disposal guidelines, and technical specifications.</p>

	<p>AMEWI Fairplay I RC Tugboat 26109, 26110 Operation Manual</p> <p>This is the official operation manual for the AMEWI Fairplay I remote-controlled tugboat model, product numbers 26109 and 26110. It provides essential information on setup, safe operation, battery handling, disposal, and technical specifications.</p>
	<p>Stingray Jet Speedboat Operation Manual</p> <p>Comprehensive operation manual for the AMEWI Stingray Jet Speedboat, covering setup, usage, safety warnings, battery handling, and maintenance.</p>
	<p>Amewi Green Arrow, Blue Arrow Katamaran Operation Manual</p> <p>This manual provides instructions for operating the Amewi Green Arrow and Blue Arrow Katamaran remote-controlled boats. It covers setup, operation, safety warnings, battery handling, and maintenance.</p>
	<p>AMEWI TF520 Sonar Fishfinder Quick Start Guide</p> <p>This guide provides essential information for setting up and operating the AMEWI TF520 Sonar Fishfinder system. It covers package contents, powering options, basic usage, key functions, display interpretation, menu settings, radio binding, and detailed technical specifications for optimal performance with bait boats.</p>