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› GoolRC WLtoys WL915-A Brushless RC Boat User Manual

GoolRC WL915-A

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Model: WL915-A

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1. INTRODUCTION

Thank you for purchasing the GoolRC WLtoys WL915-A Brushless RC Boat. This high-speed remote control racing boat is designed for exhilarating performance on water, reaching speeds up to 45 KM/H. Featuring a 2.4GHz remote control system for stable operation and an efficient brushless motor, this boat offers flexible and free sailing with advanced functions like automatic flip recovery and low voltage alarm. Please read this manual thoroughly before operating the boat to ensure safe and optimal performance.



Image 1.1: The GoolRC WLtoys WL915-A RC Boat and its accompanying remote control.

2. SAFETY PRECAUTIONS

Operating an RC boat requires attention to safety. Please observe the following guidelines:

- **Age Recommendation:** This product is recommended for users 14 years and up. Adult supervision is advised for younger users.
- **Water Environment:** Operate the boat only in calm, open water free of obstacles, debris, and marine life. Avoid strong currents, large waves, or crowded swimming areas.
- **Battery Safety:**
 - Use only the provided battery and charger.
 - Do not overcharge or over-discharge the battery.
 - Never leave charging batteries unattended.
 - Keep batteries away from heat sources, direct sunlight, and flammable materials.
 - If the battery swells, leaks, or becomes hot, discontinue use immediately and dispose of it properly.
- **Propeller Warning:** The propeller spins at high speeds. Keep fingers, hair, loose clothing, and other objects away from the propeller when the boat is powered on.
- **Water Intrusion:** While designed for water, excessive water intake can damage internal components. Ensure all

hatches are securely closed before operation. After use, always open the hatch and dry the interior.

- **Radio Interference:** Avoid operating near other radio-controlled devices or strong electromagnetic sources to prevent signal interference.
- **Low Voltage Alarm:** Pay attention to the low voltage alarm. When activated, return the boat to shore immediately to prevent loss of control or battery damage.
- **Storage:** Store the boat and remote control in a dry, cool place away from direct sunlight and extreme temperatures.

3. PACKAGE CONTENTS

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

- 1 x GoolRC WLtoys WL915-A RC Boat
- 1 x Remote Controller
- 1 x Boat Battery (11.1V 1200mAh LiPo)
- 1 x USB Charging Cable
- 1 x Spare Propeller
- 1 x Wrench Sets



Image 3.1: All components included in the package, laid out for inspection.

4. SETUP GUIDE

4.1 Charging the Boat Battery

The boat is powered by an 11.1V 1200mAh LiPo battery. Ensure the battery is fully charged before first use.

1. Connect the boat battery to the provided USB charging cable.

2. Plug the USB charging cable into a compatible USB power adapter (e.g., computer USB port, USB wall charger).
3. The charging indicator light on the USB cable will show the charging status (refer to charger's specific light indications).
4. Charging typically takes approximately 2-3 hours. Do not overcharge.
5. Disconnect the battery once charging is complete.

Important Note: Some users have reported receiving chargers with non-USA plug configurations. If your charger plug does not fit standard outlets in your region, you will need to acquire a suitable adapter or a compatible charger. Always ensure the charger's voltage and current output match the battery's requirements.

4.2 Installing the Boat Battery

1. Carefully open the top hatch of the RC boat.
2. Insert the charged 11.1V 1200mAh LiPo battery into the battery compartment.
3. Connect the battery connector to the boat's power connector. Ensure a secure connection.
4. Close the hatch securely to prevent water from entering during operation.

4.3 Installing Remote Control Batteries

The remote control requires 4 x AA batteries (not included).

1. Open the battery compartment cover on the back of the remote control.
2. Insert 4 x AA batteries, observing the correct polarity (+/-).
3. Close the battery compartment cover.



Image 4.1: Remote control layout, showing the steer wheel, trim adjustments, and trigger.

4.4 Pairing the Remote Control with the Boat

Follow these steps to establish a connection between the remote control and the boat:

1. Ensure the boat battery is connected and the boat's power switch is OFF.
2. Turn ON the remote control. The indicator light on the remote will likely flash.
3. Place the boat in water. The water sensor will activate the boat's power.
4. The remote control and boat should automatically pair. The indicator light on the remote will become solid, indicating

a successful connection.

5. If pairing fails, turn off both the boat and remote, then repeat the steps.

5. OPERATION GUIDE

Once the boat and remote are paired, you are ready to operate your RC boat.

5.1 Basic Controls

- **Forward:** Pull the trigger on the remote control towards you.
- **Backward:** Push the trigger on the remote control away from you.
- **Turn Left:** Rotate the steer wheel on the remote control counter-clockwise.
- **Turn Right:** Rotate the steer wheel on the remote control clockwise.



Image 5.1: The boat operating in water, demonstrating its 2.4GHz control range of 80-100 meters.

5.2 Advanced Features

- **Rudder Adjustment (ST TRIM):** Use the ST TRIM dial on the remote control to fine-tune the boat's straight-line tracking. If the boat veers left or right when the steer wheel is centered, adjust the trim until it travels straight.
- **Throttle Dual Rate (TH D/R):** The TH D/R button/dial on the remote control allows you to adjust the maximum throttle output. This can be useful for beginners or for operating in smaller areas.
- **Automatic Flip Recovery:** If the boat capsizes during operation, simply apply throttle forward and backward repeatedly. The boat is designed to automatically right itself.
- **Low Voltage Alarm:** The boat is equipped with a low voltage alarm. When the battery is running low, the boat will signal this (e.g., by slowing down or flashing lights). Immediately return the boat to shore when this alarm activates to prevent battery damage and loss of control.



Image 5.2: The boat demonstrating its high-speed capability of 45 KM/H on water.

REMOTE CONTROL BOATS

2.4

2.4GHz

45

45km/h



Image 5.3: The boat in action, highlighting its 2.4GHz remote control and 45 km/h speed.

6. MAINTENANCE AND CARE

Proper maintenance will extend the life and performance of your RC boat.

- **After Each Use:**

- Remove the boat battery.
- Open the hatch and thoroughly dry the interior of the boat with a soft cloth to prevent corrosion and mold.
- Clean the exterior of the boat, especially the propeller and rudder, removing any weeds or debris.
- If used in saltwater, rinse the boat thoroughly with fresh water and dry completely.

- **Propeller and Shaft:** Regularly inspect the propeller for damage or entanglement. Lubricate the flexible shaft (flexi shaft) if necessary, especially after saltwater use, to ensure smooth operation and prevent corrosion.

- **Battery Storage:** Store LiPo batteries in a cool, dry place, ideally at a storage voltage (around 3.8V per cell) if not being used for an extended period. Do not store fully charged or fully discharged.

- **Remote Control:** Remove batteries from the remote control if it will not be used for an extended period to prevent battery leakage.
- **General Inspection:** Periodically check all screws and connections to ensure they are tight and secure.

7. TROUBLESHOOTING

If you encounter issues with your GoolRC WLtoys WL915-A RC Boat, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Boat does not respond to remote control.	Boat or remote not powered on. Batteries are low or dead. Not properly paired. Boat not in water (water sensor prevents activation).	Ensure both boat and remote are switched ON. Replace/recharge batteries in both boat and remote. Re-pair the boat and remote control (refer to Section 4.4). Place the boat in water to activate.
Boat runs slowly or lacks power.	Boat battery is low. Propeller is obstructed or damaged. Water leakage into the hull.	Recharge the boat battery. Check and clear any debris from the propeller. Replace if damaged. Check the hull for cracks or loose seals. Dry the interior thoroughly.
Boat veers to one side.	Rudder trim needs adjustment. Rudder or propeller damage.	Adjust the ST TRIM dial on the remote control. Inspect rudder and propeller for damage.
Charger plug does not fit outlet.	Charger supplied has a non-standard plug for your region (e.g., European plug in USA).	Acquire a suitable plug adapter for your region. Alternatively, purchase a compatible USB charger with the correct plug type and voltage/current output.
Boat takes on water.	Hatch not sealed properly. Hull damage.	Ensure the top hatch is fully closed and latched before operation. Inspect the hull for any cracks or damage and repair as necessary.

8. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	WL915-A
Brand	GoolRC
Max Speed	45 KM/H
Control Frequency	2.4GHz

Feature	Detail
Control Range	Approx. 80-100 meters
Boat Battery	11.1V 1200mAh LiPo
Playing Time	Up to 15 minutes
Remote Control Batteries	4 x AA (not included)
Package Dimensions	19.2 x 10.4 x 4.2 inches
Item Weight	3.09 pounds
Recommended Age	14 years and up
Country of Origin	China

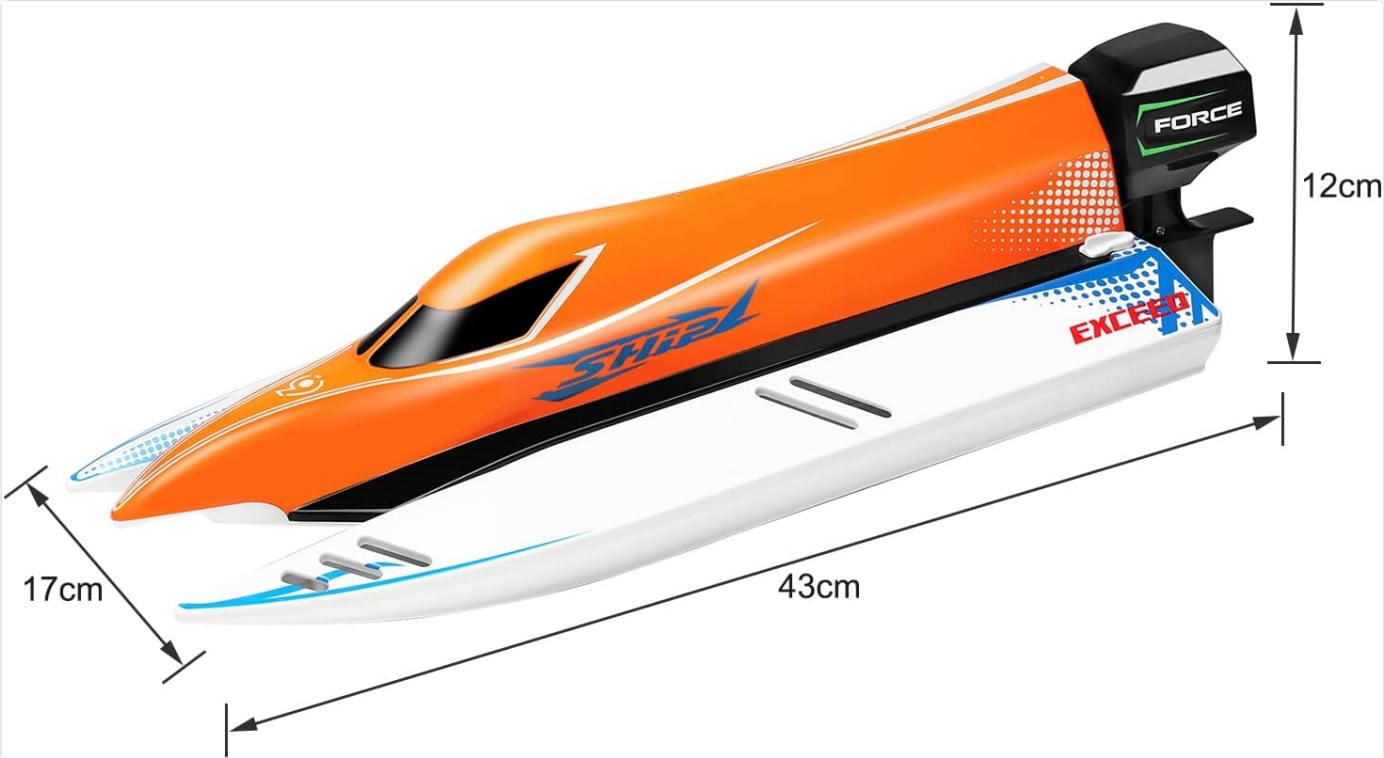


Image 8.1: Dimensions of the RC boat (Length: 43cm, Width: 17cm, Height: 12cm).

9. WARRANTY AND CUSTOMER SUPPORT

GoolRC is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, please retain your proof of purchase.

If you encounter any issues or have questions regarding your GoolRC WLtoys WL915-A RC Boat, please contact our customer support team. You can typically find contact information on the product packaging or through the retailer where you purchased the item. We are dedicated to providing a satisfactory solution for any problems you may experience. For further assistance, you may visit the official GoolRC store or support channels online.

ASK A QUESTION ABOUT THIS MANUAL

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

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Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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