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> GoolRC LSRC-SMI Mini RC Submarine Instruction Manual

GoolRC LSRC-SMI (Model 3314)

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Model: LSRC-SMI (3314)

1. PRODUCT OVERVIEW

The GoolRC LSRC-SMI Mini RC Submarine is a compact, remote-controlled diving toy designed for aquatic exploration. It features a waterproof design, allowing for operation in various water environments. This submarine is equipped with three motors for precise control over static diving, propulsion, and rudder systems, enabling comprehensive movement including forward, backward, left, right, and 360-degree turns.

Its streamlined body and physical water drop design are engineered to reduce water resistance and enhance sailing speed. The product is suitable for both indoor and outdoor activities, offering an engaging experience for users.



All-directional Control

Simulation Design

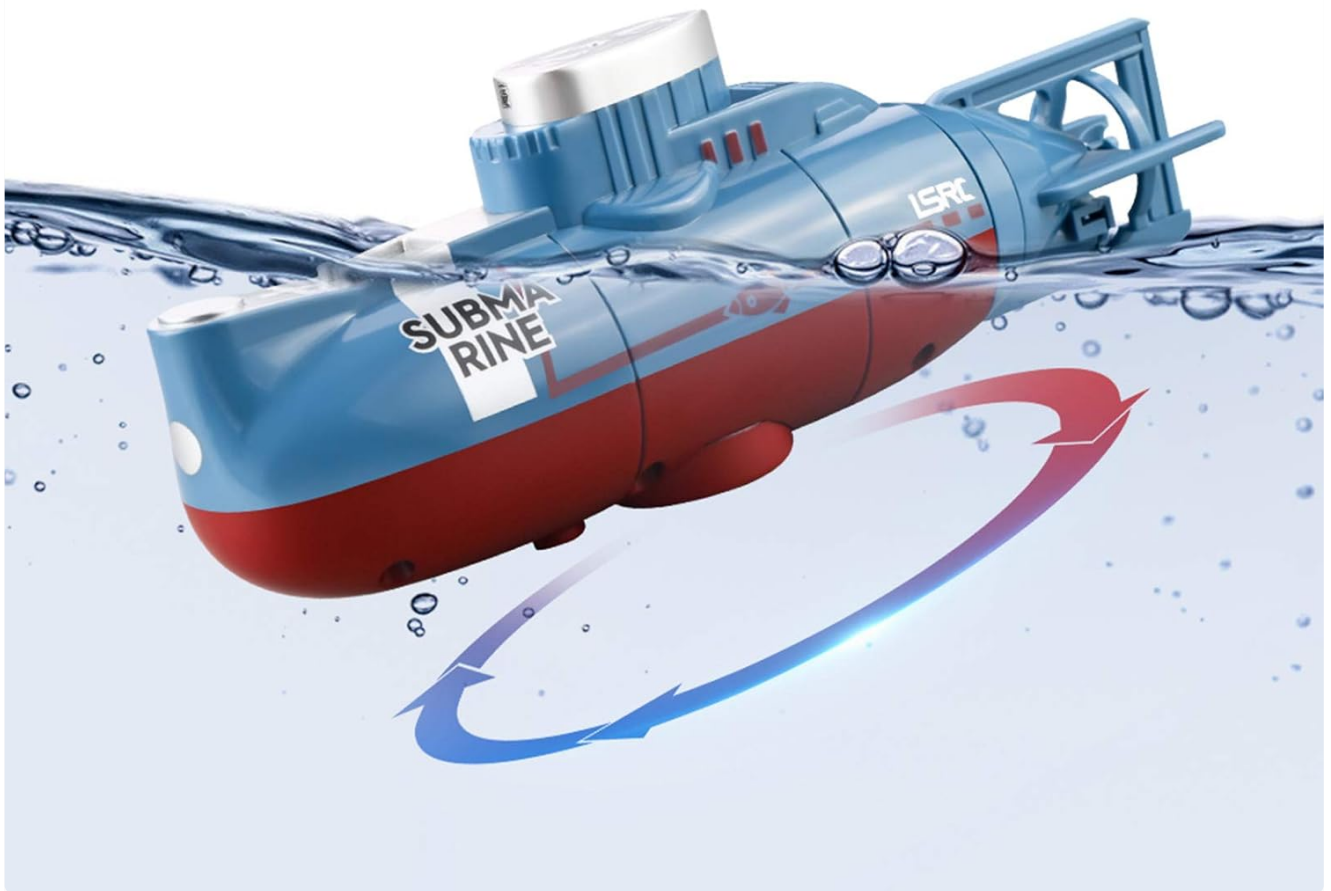


Figure 1: The GoolRC LSRC-SMI Mini RC Submarine, a scaled model designed for optimal performance in water.



A Scaled Model of a Real Submarine

The design is the scaled model of a real submarine. The streamlined body and the physical water drop design can greatly reduce the water resistance and improve the sailing speed.



Figure 2: Detailed views showcasing the craftsmanship and design elements of the submarine.

2. SETUP AND PREPARATION

2.1 Unpacking and Inspection

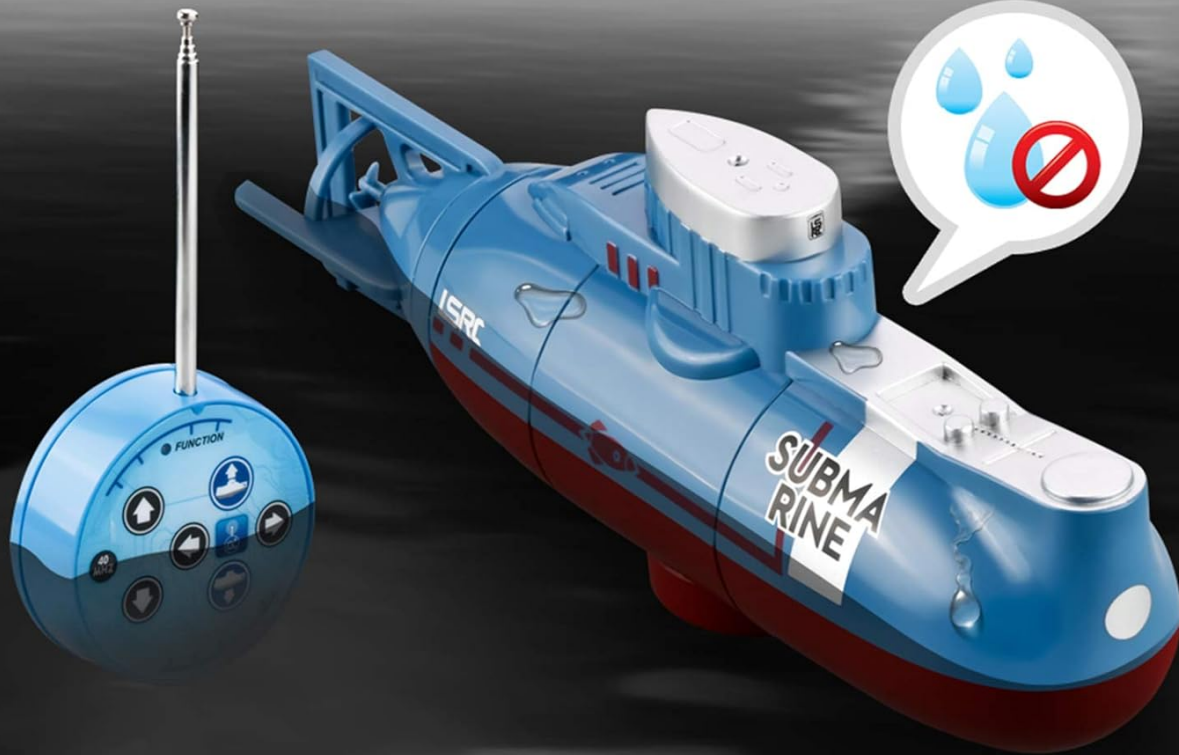
Carefully remove all components from the packaging. Inspect the submarine and remote controller for any signs of damage. Ensure all listed items are present:

- 1 x GoolRC LSRC-SMI Mini RC Submarine
- 1 x Remote Controller
- 1 x USB Charging Cable
- 1 x Instruction Manual (this document)



Whole body is water proof /included controller

High-efficient motors offer the boat a smooth driving.



Whole proof controller

Figure 3: Package contents: Submarine, USB line, and Controller.

2.2 Charging the Submarine

The submarine is powered by a built-in Lithium-Ion battery. Connect the submarine to the USB charging cable and plug it into a compatible USB power source (e.g., computer USB port, USB wall adapter). The charging indicator on the submarine will illuminate during charging and turn off when fully charged. Ensure the submarine is fully charged before first use for optimal performance.

2.3 Controller Battery Installation

The remote controller requires batteries (not specified in product data, typically AA or AAA). Open the battery compartment on the back of the controller, insert the required batteries, observing correct polarity, and close the compartment securely.

2.4 Initial Water Preparation

Before operating the submarine, especially for the first time, it is recommended to gently swish the tail end of the submarine in the water. This helps to remove any trapped air from the tiny thruster housings, ensuring they function correctly for propulsion and buoyancy control.



Exquisite workmanship, Excellent design

Each product has undergone several standard tests



Figure 4: The submarine's safety feature requires it to be in water to activate. Turn it on in water, turn it off out of water.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

The submarine features a safety design: it will only activate when placed in water. Place the submarine in water, then turn on the remote controller. The power indicator on the controller will light up. To turn off, remove the submarine from water and then turn off the controller.

3.2 Controller Functions

The remote controller allows for intuitive control of the submarine's movements. Refer to the diagram below for button mapping:

Exquisite workmanship,
Excellent design



Figure 5: Remote Controller Layout. The antenna is extension-type. Buttons include Power indication, Function, Forward, Left, Backward, Up, Right, and Down.

- **Forward/Backward:** Use the corresponding arrow buttons to move the submarine forward or backward.
- **Left/Right:** Use the left and right arrow buttons to steer the submarine.
- **Up/Down (Diving/Surfacing):** Use the up and down arrow buttons to control the submarine's depth. The static diving system allows it to float and dive up to 0.5 meters.
- **360° Turning:** The micro-size rudder system enables the submarine to rotate 360° clockwise or anti-clockwise.



Figure 6: Easy to control, allowing the submarine to stop anywhere.



Easy to control you can stop it anywhere as you like.



Figure 7: All-directional control for realistic simulation.

3.3 Operating Environment

The submarine is designed for use in clear water environments such as bathtubs, pools, or small ponds. Avoid operating in murky water or areas with strong currents or obstacles that could entangle the propellers.

3.4 Auto-Surface Feature

If the submarine loses signal or does not receive any input from the controller for more than 10 seconds, it will automatically surface as a safety measure.

4. MAINTENANCE

4.1 Cleaning

After each use, especially in chlorinated or saltwater, rinse the submarine thoroughly with fresh water. Gently wipe down the exterior with a soft cloth. Ensure no water remains in the charging port or other openings before storage.

4.2 Storage

Store the submarine and controller in a dry, cool place away from direct sunlight and extreme temperatures. Remove batteries from the remote controller if storing for extended periods to prevent leakage.

4.3 Battery Care

Do not overcharge the submarine's battery. If the submarine will not be used for a long time, charge it periodically (e.g., every 3 months) to maintain battery health.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Submarine does not respond to controller.	Low battery in submarine or controller; Submarine not in water; Out of range; Interference.	Charge submarine battery. Replace controller batteries. Ensure submarine is in water. Operate within recommended range. Avoid areas with strong radio interference.
Submarine does not dive or surface correctly.	Trapped air in thrusters; Water conditions (e.g., strong currents).	Gently swish the tail end in water to release trapped air. Operate in calm water.
Submarine moves slowly or erratically.	Low battery; Debris in propellers.	Charge submarine battery. Carefully inspect and clean propellers for any obstructions.
Controller indicator light is off.	Controller batteries are dead or incorrectly installed.	Replace controller batteries, ensuring correct polarity.

6. SPECIFICATIONS

Feature	Detail
Brand	GoolRC
Model Name	3314 (LSRC-SMI)
Model Number	EIR0713463506152JU
Color	Blue
Material	Metal, Plastic
Power Source	Battery Powered
Battery Type (Submarine)	Lithium-Ion (included)
Operation Mode	Remote Control
Max Speed	0.1 m/s
Max Diving Depth	0.5 meters
Age Range Description	Kid (Manufacturer Minimum Age: 192 months / 16 years)

Feature	Detail
Assembly Required	Yes (Minor assembly/setup)
Additional Features	Portable, Waterproof Design

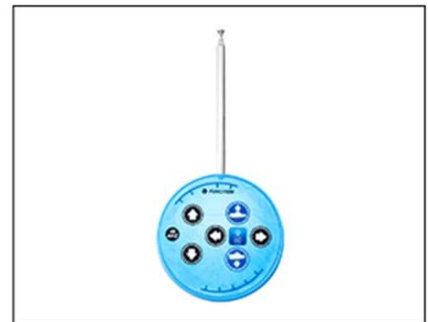
Blue submarine



Packing x 1



USB line x 1



Controller x 1

Figure 8: Submarine dimensions.

7. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact the retailer where the product was acquired. You may also visit the official GoolRC website for further assistance.

Manufacturer: GoolRC

