



udiR C UDI021 Remote Control Boat User Guide

[Home](#) » [udiR C](#) » udiR C UDI021 Remote Control Boat User Guide 

Contents

- [1 udiR C UDI021 Remote Control Boat](#)
- [2 Ready before sailing](#)
- [3 Sailing Operation](#)
- [4 Parts Replacement](#)
- [5 Troubleshooting Guide](#)
- [6 FCC Note](#)
- [7 Documents / Resources](#)
- [8 Related Posts](#)

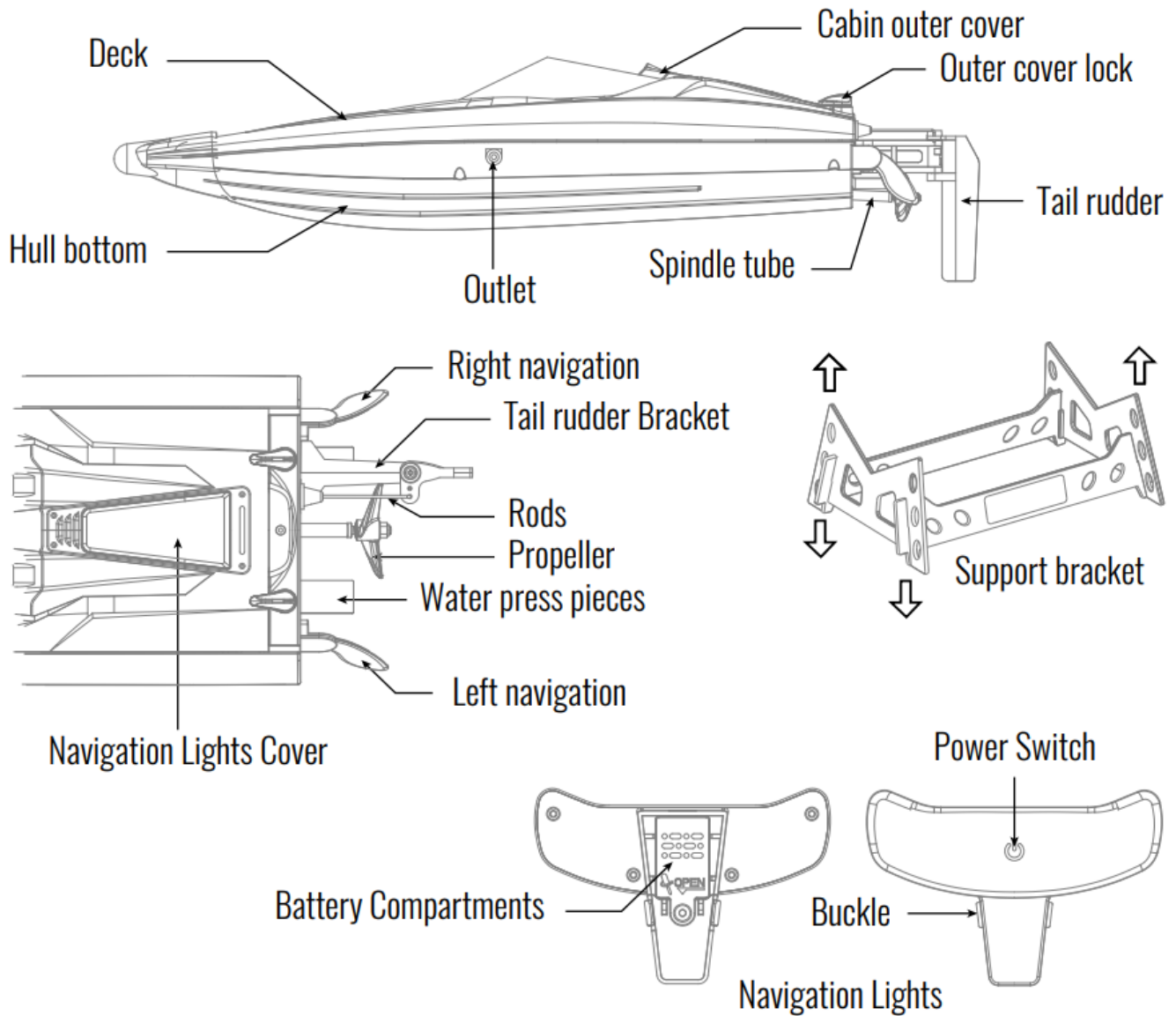


udiR C UDI021 Remote Control Boat

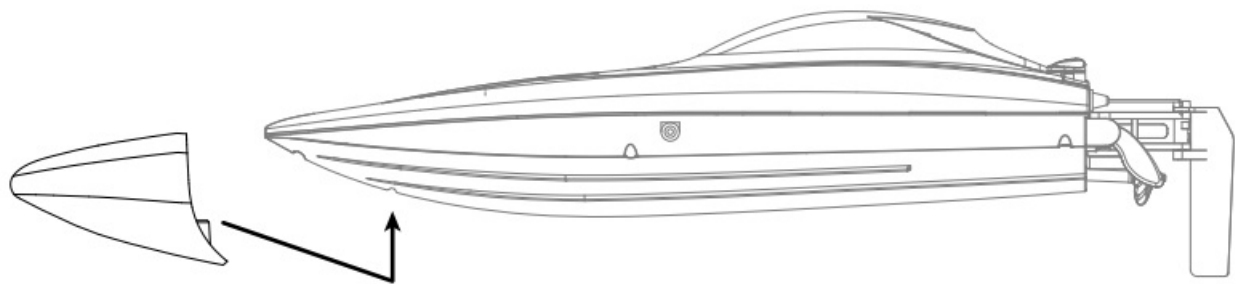


Ready before sailing

Preparation the boat



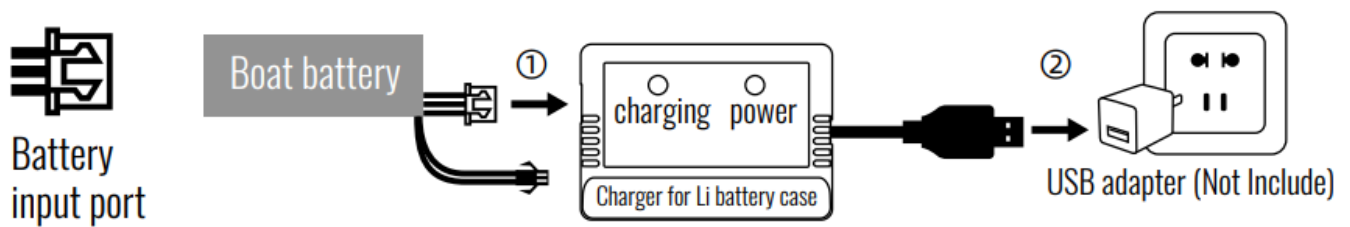
Head Cover Installation



Align the head cover with the bottom hole of the boat and install it in the right place.

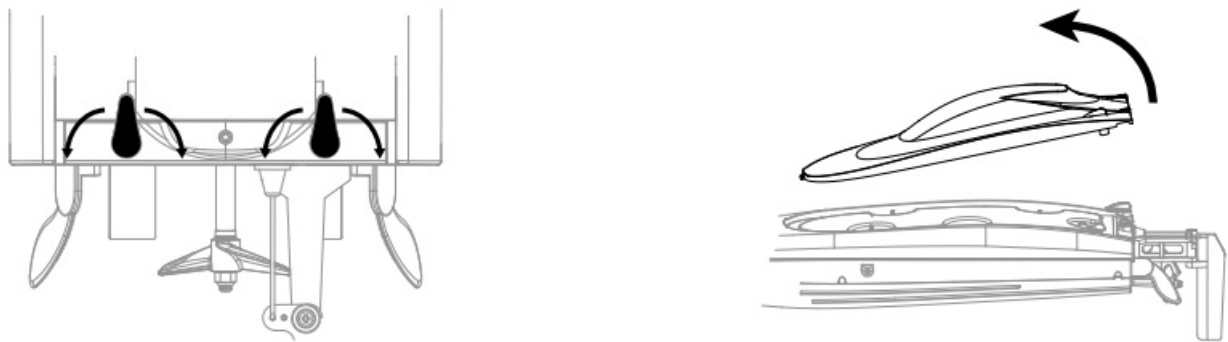
Battery Charge

Battery power is insufficient in the original plant. It must be charged saturated before it can be used. Connect the charging case to the charging input port of the boat battery and then connect the USB output ports. The green indicator light flashes when charging and the green indicator light will keep bright fully charged. During the charging, the battery should not be placed in the hull when charging and must be cooled before charging.

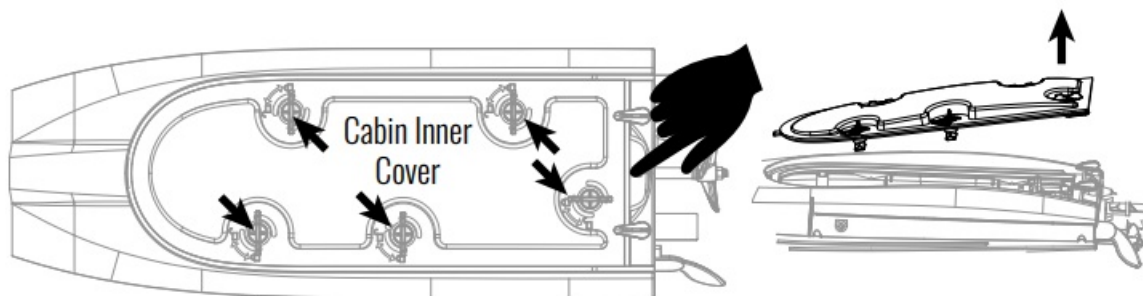


Warning: Must be supervised while charging Please use the included USB charging cable and make sure it is properly connected.

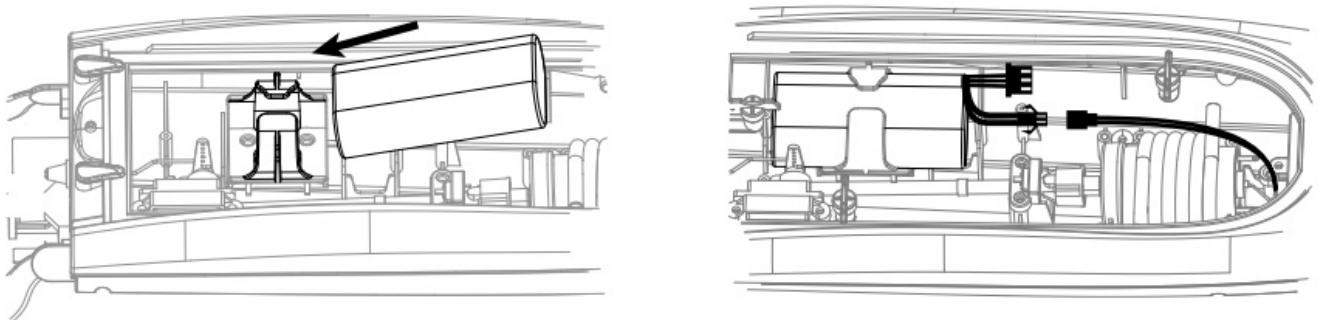
Boat battery installation method



1. Twist to left or right to open the outer cover lock.
2. Open up the cabin cover.

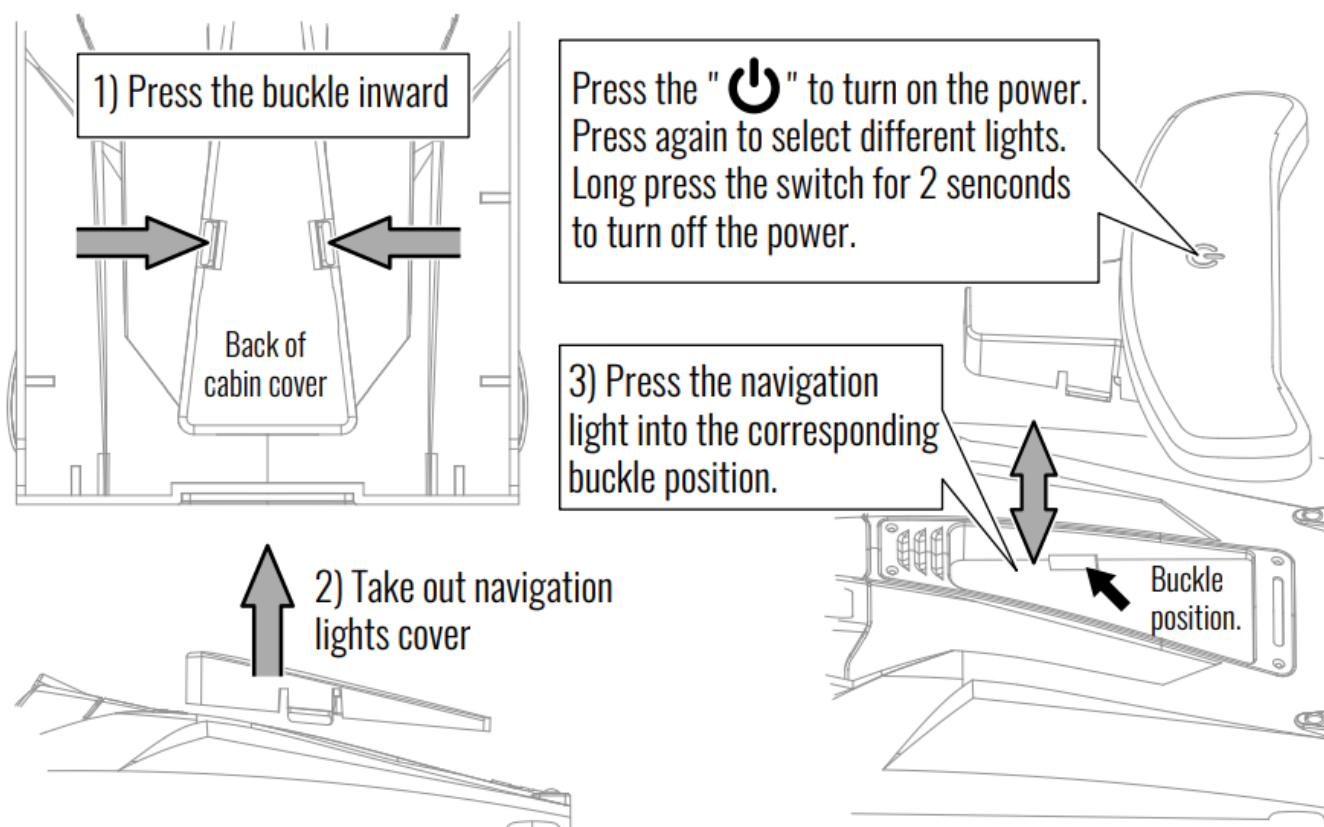


3. According to the mark on the surface of the inner cover, unlock the lock and take out the inner cover upward.



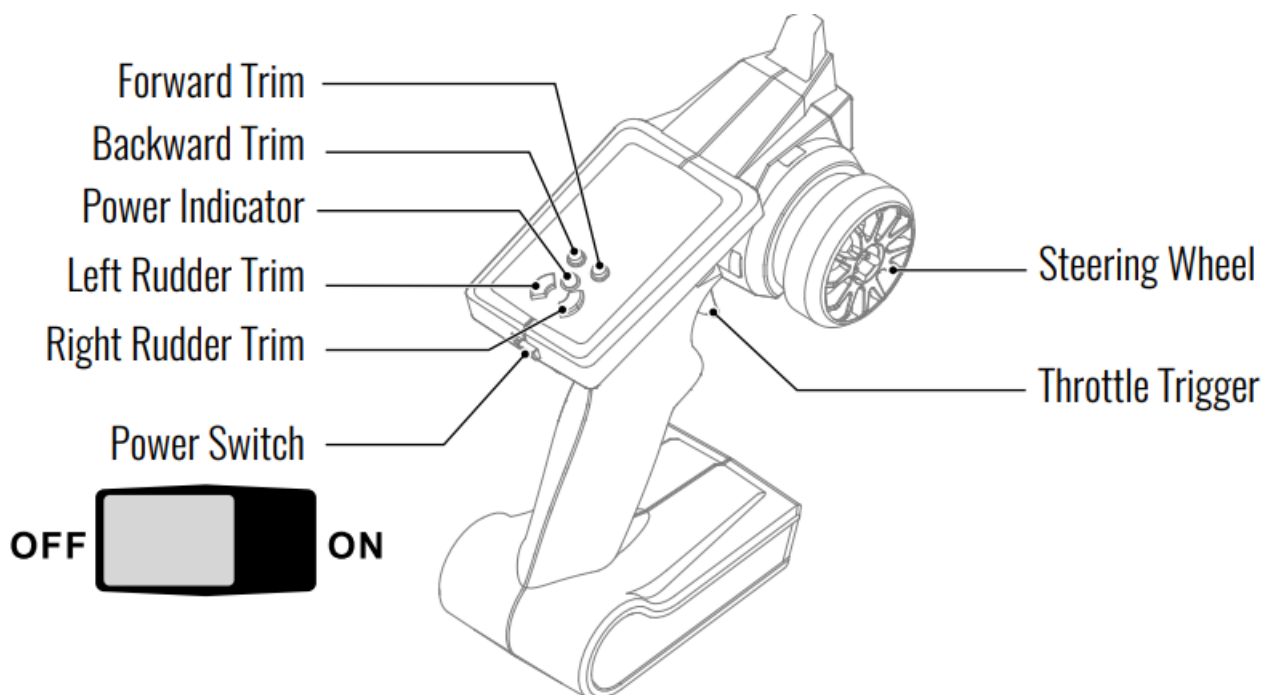
4. Put the Li-po battery into the boat battery holder. the power line of the battery puts on the side of the hull, push the battery to the end and stick to it.
5. Properly connected the hull input port to the output port of the Boat battery.
6. Cover the inside and outside of the cabin and lock tightly.

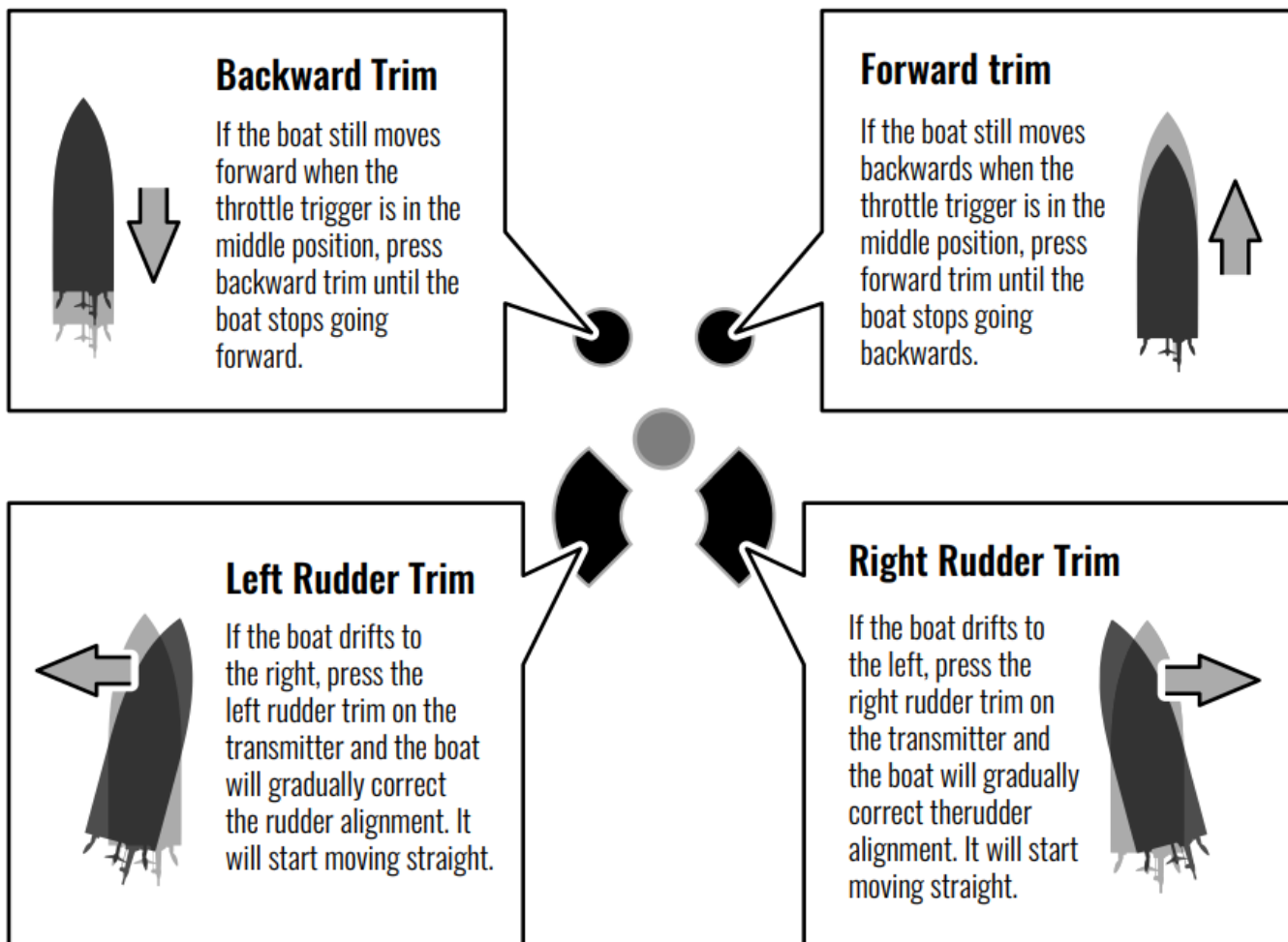
Navigation Lights Installation



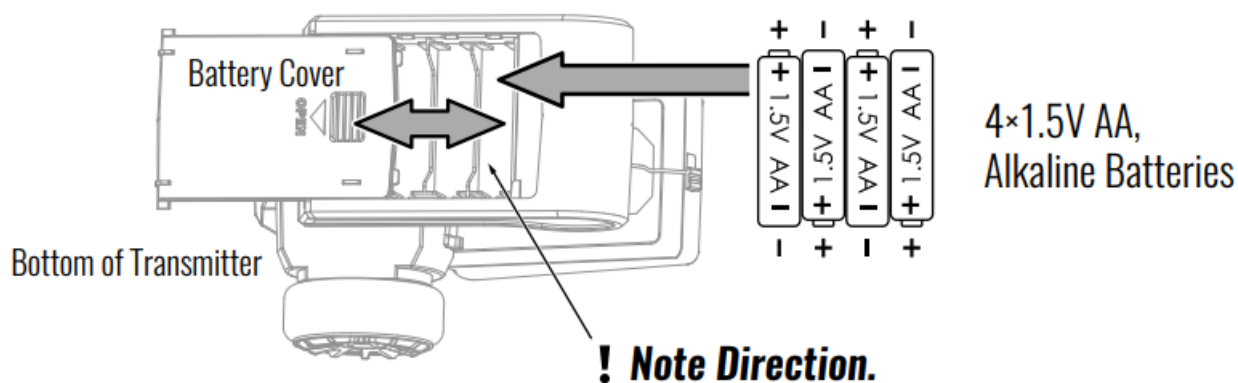
When the navigation light in low battery, the lamp will keep flashing. It indicates the operator to replace the battery.

Transmitter Preparation





Battery installation of the transmitter



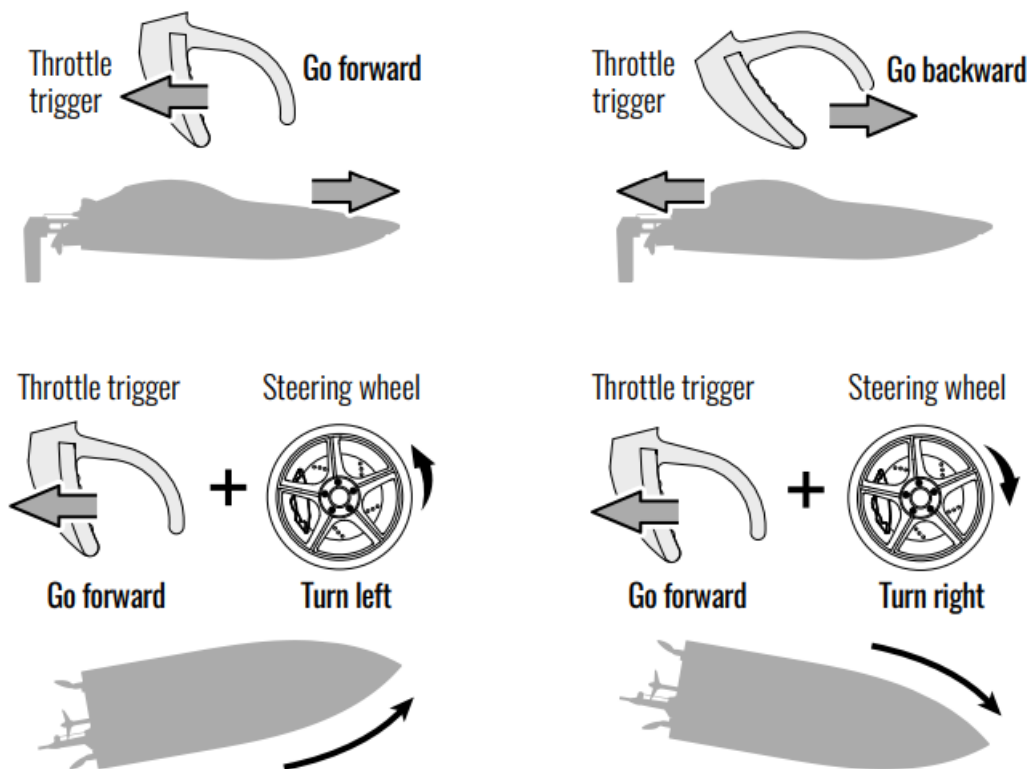
Open the transmitter battery cover. Install batteries. Follow the direction of batteries designated in the inside of the battery box.

Sailing Operation

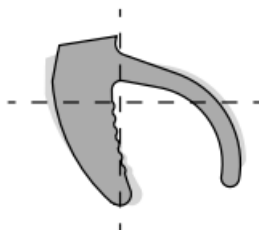
Frequency Pairing

1. Power on the transmitter will sound “di”, and the indicator light flashes, then to enter frequency pairing
2. After the boat battery is installed and powered on, tighten the hatch cover.
3. Put the boat into the water, the transmitter will sound “didi”, and the indicator will keep long bright it means frequency pairing successful.

Manipulation method

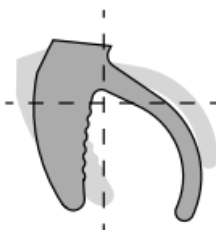


Low speed



Pull the throttle trigger back gently and the car will move forward slowly.

High speed



The throttle trigger is pulled to the maximum, and the car moves forward quickly.

Self-Righting Hull



If the boat capsizes, Push forward and backward the throttle trigger of the transmitter and then pull back at once. The boat will then return to normal, the capsize reset function will turn off automatically when the boat in low battery.

Low Battery Alarm

- **Boat:** When the boat in low battery, the transmitter will beep “di.di.di. ...” constantly to remind the user to remote back the boat as soon as possible. And the boat speed will slow down to half and the capsize reset function will turn off automatically when the boat in low battery.
- **Transmitter:** When the transmitter in low battery, the transmitter will beep “di.di.di. ...” to remind the user to remote back the boat to replace the batteries as soon as possible.

Out of Range Alarm

When the boat is running out of the max remote control distance, the transmitter will beep “didi...didi...” to alarm the user to remote back the boat immediately.

Water cooling system

The motor lowers the temperature by flowing water. During the voyage, water flows through the heat pipe around the motor, which has a cooling effect on the motor.

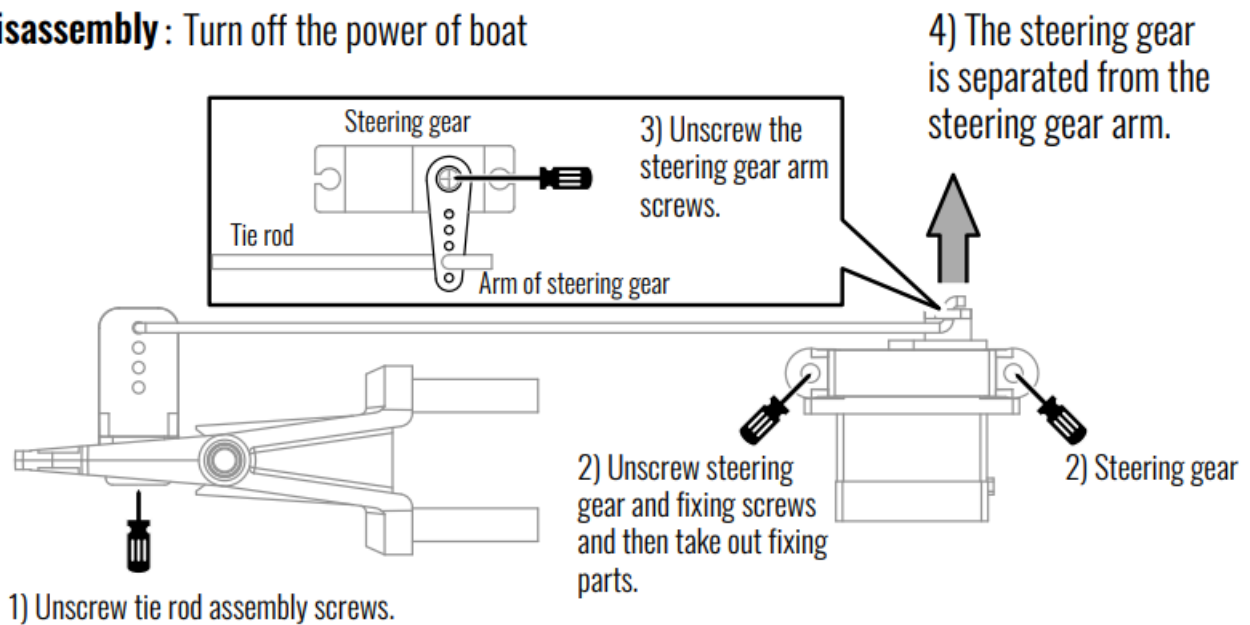
Safety Precautions

1. Turn on the transmitter power first and then turn on the boat power before playing; Turn off the boat power first and then turn off the transmitter power when finish playing.
2. Make sure the connection is solid between battery and motor etc. The ongoing vibration may cause bad connection of power terminal.
3. Improper operation may cause impact to the boat and damage the hull or propeller.
4. It is forbidden to sail in the water where people are useful and sail away from salt water and sundry water.
5. The battery must be take out after playing to keep the cabin dry and clean.

Parts Replacement

Replace the steering gear

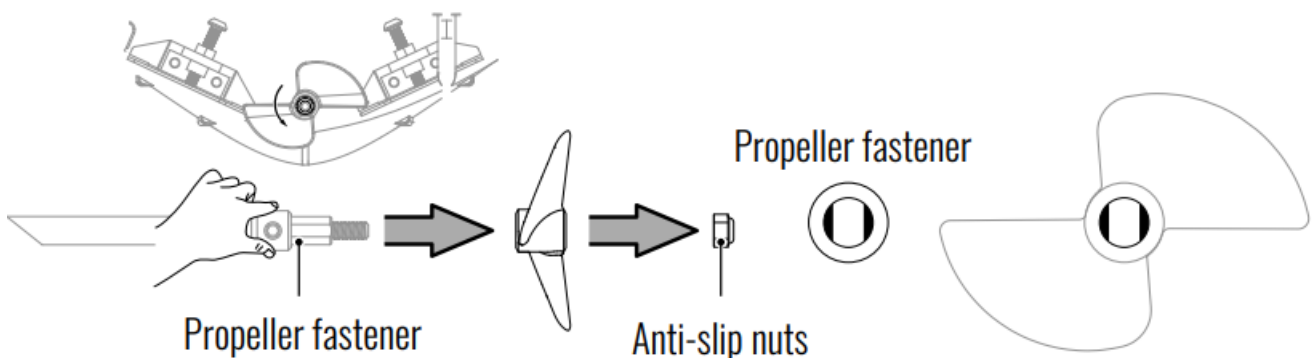
Disassembly : Turn off the power of boat



Propeller Replacement

- **Remove:** Disconnect the power of boat and hold the propeller fasteners, Unscrew the anti-skid nut counterclockwise to remove the propeller.
- **Installation:** Install the new propeller and tighten the anti-skid nut clockwise after the notch position fits the fastener.

Replacement the Steel Rope



- **Remove:** Remove the propeller, unscrew the propeller fastener and steel rope fastener used a hex wrench and then draw out the steel rope.



- **Installation:** Replace the new steel rope, the installation step is opposite to the removal step.

Noted: When the propeller is entangled with debris, the steel rope is easy to bursts. Please be sure to avoid debris in the water. The replacement of steel rope must be carried out with the battery power cut off.

Troubleshooting Guide

Problem	Solution
The transmitter indicator light is off	1) Replace the transmitter battery.
	2) Please make sure the battery is installed correctly.
	3) Clean the dirt from metal contacts in battery groove.
	4) Please make sure turn on the power.
Unable to frequency	1) Operate the boat step by step in accordance with the user manual.
	2) Make sure signal interference nearby and keep away.
	3) The electronic component is damaged for frequent crash.
The boat is under-powered or can not go forward	1) Make sure whether the propeller is damaged or replace a new one.
	2) When the battery is low, charge it in time. Or replace it with a new battery.
	3) Make sure install the propeller correctly.
	4) Make sure whether the motor is damaged or replace a new one.
The boat tilts to one side	1) Operate according to the "trimmer" as per instructions.
	2) Calibrate the steering gear arm.
	3) The steering gear is damaged, replace a new one.

FCC Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Notice

The equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. Modifications not authorized by the manufacturer may void user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

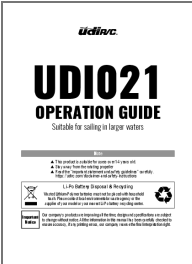
- 1. This device may not cause harmful interference.
- 2. This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement

The device has been evaluated to meet the general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

WARNING: The product should only be used by adults and children over 14 years. Adult supervision is required for children under 14 years.

Documents / Resources

	<p>udiR C UDI021 Remote Control Boat [pdf] User Guide</p> <p>UDI021, Remote Control Boat, UDI021 Remote Control Boat, Boat</p>
---	--