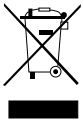
UDI017

OPERATION GUIDE

Suitable for sailing in larger waters

Note

▲ This product is suitable for users over 14 years old.
▲ ***Stay away from the rotating propeller***
▲ Read the "important statement and safety guidelines" carefully.
https://udirc.com/disclaimer-and-safety-instructions



Li-Po Battery Disposal & Recycling

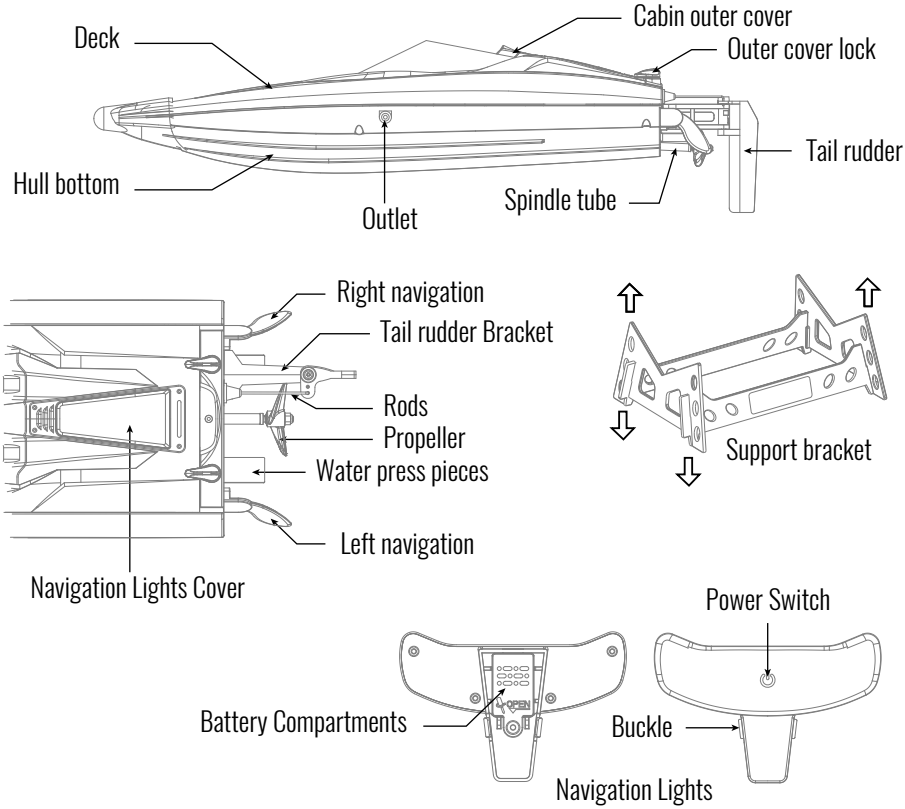
Wasted Lithium-Polymer batteries must not be placed with household trash. Please contact local environmentalor waste agency or the supplier of your model or your nearest Li-Po battery recycling center.

Important Notice

Our company's products are improving all the time, design and specifications are subject to change without notice. All the information in this manual has been carefully checked to ensure accuracy, if any printing errors, our company reserve the final interpretation right.

Ready before sailing

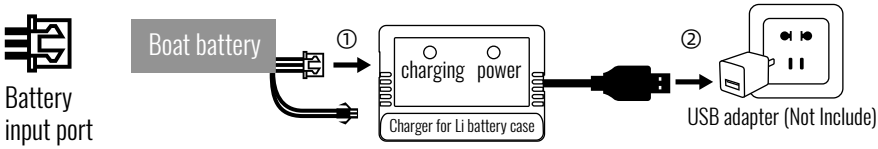
Preparation the boat



Battery Charge

Battery power is insufficient in the original plant. It must be charged saturated before it can be used.

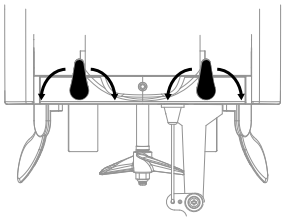
Connect the charging case to the charging input port of the boat battery and then connect the USB output ports. The green indicator light flashes when charging and the green indicator light will keep bright fully charged. During the charging, battery should not be placed in the hull when charging and must be cooled before charging.



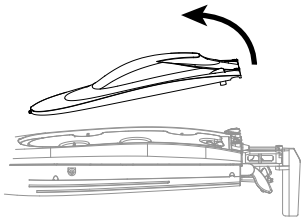
Warning: Must be supervised while charging

Please use the included USB charging cable and make sure it is properly connected.

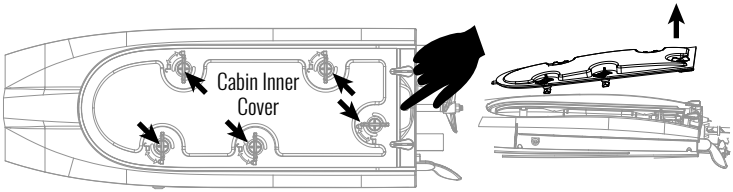
Boat battery installation method



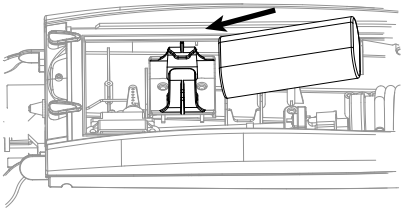
1) Twist to left or right to open the outer cover lock.



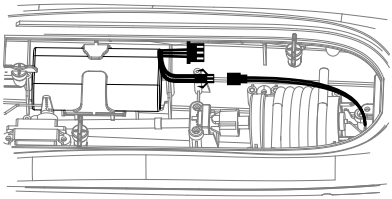
2) Open up the cabin cover.



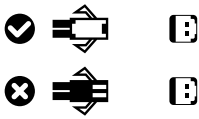
3) According to the mark on the surface of the inner cover, unlock the lock and take out the inner cover upward.



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.



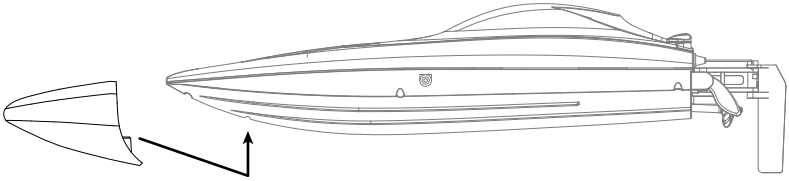
5) Properly connected the hull input port to the output port of the Boat battery.



Battery output port Hull input port

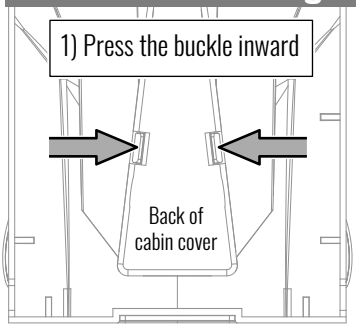
6) Cover the inside and outside of the cabin and lock tightly.

Head Cover Installation



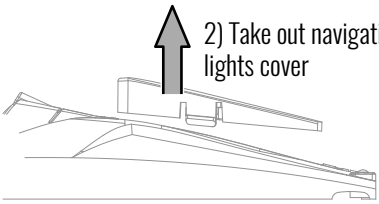
Align the head cover with the bottom hole of the boat and install it in the right place.

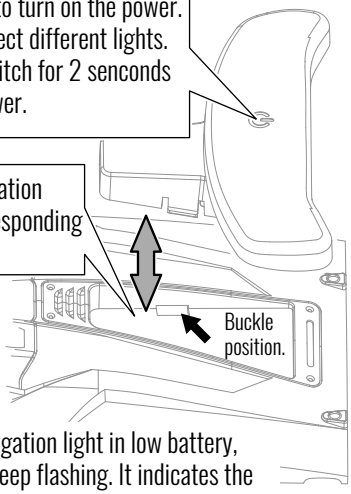
Navigation Lights Installation



Press the " ⏻ " to turn on the power. Press again to select different lights. Long press the switch for 2 senconds to turn off the power.

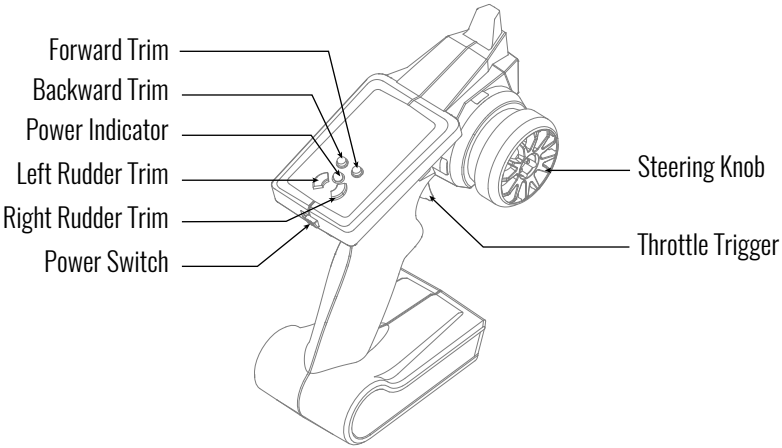
3) Press the navigation light into the corresponding buckle position.



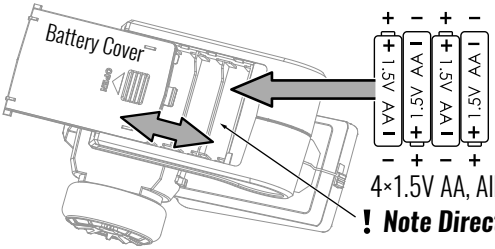


! When the navigation light in low battery, the lamp will keep flashing. It indicates the operator to replace the battery.

Transmitter Preparation



Battery installation of transmitter



Bottom of Transmitter

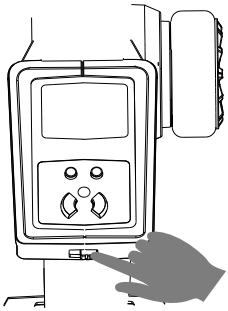
Open the transmitter battery cover. Install batteries. Follow the direction of batteries designated in the inside of the battery box.

4×1.5V AA, Alkaline Batteries

! ***Note Direction.***

Sailing Operation

Frequency Pairing

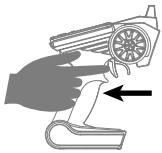


Please make sure the transmitter throttle stick and rudder knob to normal.

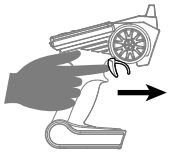
1) Power on the transmitter, will sound “di”, and the indicator light flashes, then to enter frequency pairing.
2) After the boat battery is installed and powered on, tighten the hatch cover.
3) Put the boat into the water, the transmitter will sound “didi”, and the indicator will keep long bright it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

It is recommended to be familiar with the operation on the surface of the water before long distance navigation.

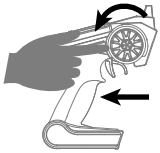
How to Operate the Boat



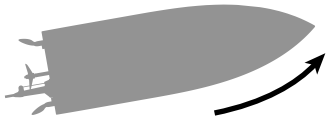
To move Forward
Pull back the throttle trigger of the transmitter. The boat moves forward.

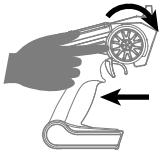


To move Backward
Push forward the throttle trigger of the transmitter. The boat moves backwards.

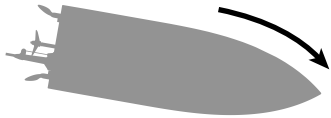


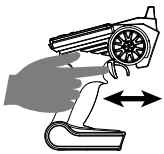
To turn Left
Pull back the throttle trigger of the transmitter and move the steering knob counterclockwise, then the boats turns left.



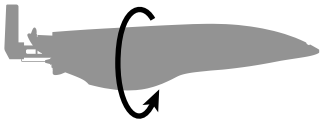


To turn Right
Pull back the throttle trigger of the transmitter and move the steering knob clockwise then the boat turns right.

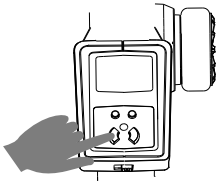




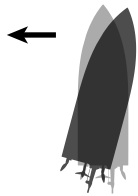
Self-Righting Hull
If the boat capsizes, Push forward and backward the throttle trigger of the transmitter and then pull back at once. The boat will then return to normal, the capsize reset function will turn off automatically when the boat in low battery.

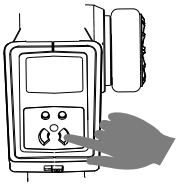


Trimmer

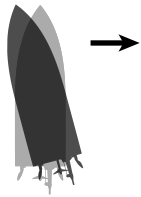


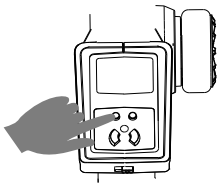
Left Rudder Trim
If the boat drifts to the right, press the left rudder trim on the transmitter and the boat will gradually correct the rudder alignment. It will start moving straight.



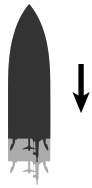


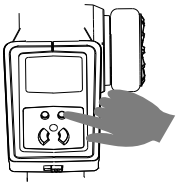
Right Rudder Trim
If the boat drifts to the left, press the right rudder trim on the transmitter and the boat will gradually correct therudder alignment. It will start moving straight.



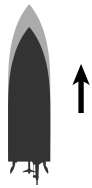


Backward Trim
If the boat still moves forward when the throttle trigger is in the middle position, press backward trim until the boat stops going forward.





Forward trim
If the boat still moves backwards when the throttle trigger is in the middle position, press forward trim until the boat stops going backwards.



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.

Out of water protection

Only when the boat is in the water can it work normally. Stop working after leaving the water surface, prevent misoperation and play a role of safety protection.

Water cooling system

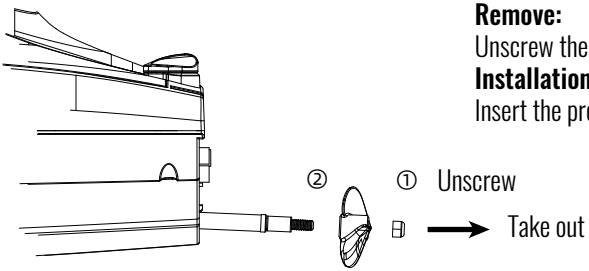
The motor lowers the temperature by flowing water. During the voyage, water flows through the heat pipe around the motor, which has a cooling effect on the motor.

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

Propeller Replacement



Remove:
Unscrew the nut and take out the propeller.
Installation:
Insert the propeller and tighten nut.

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, charger 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 interferencein 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 a ntenna.*
- *Increase the separation between the equipment and receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which thereceiver is connected.*
- *Consult the dealer or an experienced radio/TV technician for help.*

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

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 authorityto 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 general RF exposure requirement.
The device can be used in portable exposure condition with out restriction.

⚠ WARNING

Warning: The product should only be used by adults and children over 14 years.
Adult supervision is required for children under 14 years.
Hinweis: Dieses Produkt ist für die Erwachsene und die Kinder ab 14 Jahren.
Die kinder unter 14 Jahren müssen von Erwachsenen beaufsichtigt werden.
Avertissement: Ce produit est destiné aux adultes et aux enfants de plus de 14 ans.
Les enfants de moins de 14 ans doivent être surveillés par des adultes.
Avvertimento: Questo prodotto è destinato all'uso per i adulti e bambini di età superiore ai 14 anni.
I bambini di età inferiore ai 14 anni devono essere sorvegliati da un adulto.
Advertencia: Este producto es para adultos y niños mayores de 14 años.
Los niños menores de 14 años deben ser supervisados por adultos.

警告: この製品は、大人と14歳以上の子供には使用対象です。
14歳未満の子供は大人の監視が必要です。

14+

DANGER!
Only suitable for age 14+

Manufacturer: SHANTOU CITY CHENGHAI UDIRC TOYS CO., LTD

Address: Guangfeng Industrial Zone, Guangyi Street, Chenghai District, Shantou City, Guangdong Province, CN

Model: UDI017 Manufacture time:

MADE IN CHINA