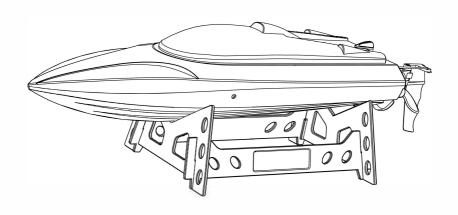# USA Toyz

UDI R/C®

UDI001

Operation Manual for 2.4 G Wireless RC Boat

1. The product adopts 370 magnetic motor driving system as well as advanced 2.4 G frequency pairing automatically technology for longer controlling distance.
2. Be equipped with Li Battery. The highest speed is about 20km/h.
3. Boat Specification: 342*89*88mm
4. Special anti- capsize function: turn over when capsize for normal sailing.
5. Motor cooling system: extend use life of the boat.
6. Build-in left and right navigation rudder: enhance sailing stability.
7. Low battery alarm function: the transmitter issues sound of "dididi..." low battery alarm. Please recall the boat in on minute.
8. Poor Signal alarm function: the transmitter will issue alarm sound of di.di.di.di.di - di.di.di.di.di once the 2.4G signal becomes poor.
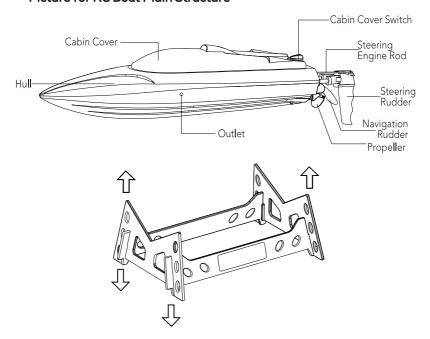
Security Warning

For the safety and avoid hitting people which around propeller, the boat can's work properly till put into the water. Never touch the rotating propeller.

1. The product is suitable for more than 14 years old people. Please use it under adult's supervision and guidance.
2. Never mixed use old and new battery or different types of batteries. Never charge a non-rechargeable battery.
3. Never charge the battery at once after using till cooling down.
4. Make sure that there is no one swimming around to avoid injury before sailing. Keep away form water plant and debris to avoid the propeller tied up in the water and cause damage.
5. The effective control distance is about 120m. Never exceed the range or the boat may be out of control.
6. The transmitter will issue sound of "dididi" when low battery in the sailing. At this time the boat will slow down and the battery only can maintain one minute. Please recall the boat in one minute to avoid out of control.
7. When the boat sailing far away from the transmitter, the transmitter will issue alarm sound of di.di.di.di.di -di.di.di.di.di Long distance between the boat and the transmitter will arouse poor signal, which will effect the timeliness and accuracy of the transmitter's low voltage alarm function. At this time, please control the boat sailing close to the transmitter (the transmitter power indicator light turns solid) to ensure the low voltage alarm function works well.
8. Please power off the transmitter and the boat when the boat not in use.
9. Please attach great importance on safety first when sailing. If the boat out of control, retrieve the boat by safe and reliable method. Never retrieve the boat without any safe measure.
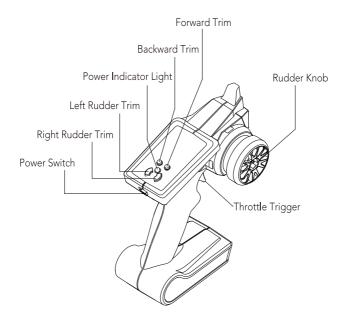
Maintenance and Repair

1. Take out the battery when the boat stops working.
2. The RC boat surface should avoid long time exposure in case of paint-shedding. Each time after use, clean the boat surface by dry and soft cloth to absorb water. Keep the boat clean and dry.
3. If the RC boat is not used for a long time, remove the battery to avoid leakage damaging form battery to the transmitter.
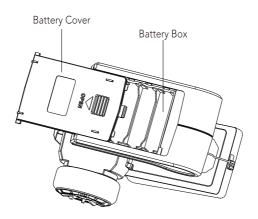
Picture for RC Boat Main Structure

Cabin Cover Switch

Cabin Cover

Steering
Engine Rod

Hull

Steering
Rudder

Navigation
Rudder

Outlet

Propeller

Display Support Holder

Forward Trim

Backward Trim

Power Indicator Light

Rudder Knob

Left Rudder Trim
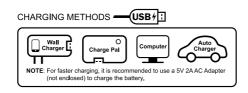
Right Rudder Trim

Power Switch

Throttle Trigger

Transmitter Battery Installation

Battery installation: Open the battery cover of the transmitter. Install four 1.5V AA batteries to battery box in accordance with the positive and negative pole indication, and then close the battery box.
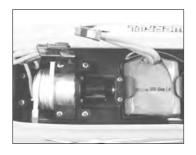
Battery Cover

Battery Box

Battery Charging

CHARGING METHODS — USB

Wall Charger   Charge Pal   Computer   Auto Charger

NOTE: For faster charging, it is recommended to use a 5V 2A AC Adapter (not enclosed) to charge the battery.

Connect the battery with USB wire, and then connect the USB with the computer or the adapter. The USB light is red when charging and turns to green when fully charged.The charging time is about 90 minutes. Please cut off the charging wire after fully charged.
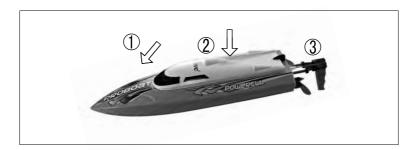
4

RC Boat Battery Installation

1. Twist the cabin cover switch to left or right, and then forced upward to lift the cabin cover.

2. Put the Li battery to the battery box of the hull.

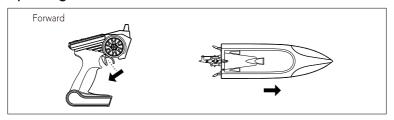3. Connect the battery with the power plug.

4. (1) Insert the cabin cover to the hull. (2) Press upper cover.(3) Twist the cabin cover switch till pressing down the cabin cover tightly.

Note: Push the battery wire to the boat side to avoid getting stuck or cutting off by gear.
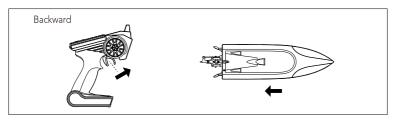
Code Pairing Between Transmitter and RC Boat

Power on the transmitter, and the power indicator light of the transmitter flashes and issues sound of "di". Put the boat into water and the transmitter issues constantly sound of "dididi". The power indicator light of the transmitter keeps bright, which indicates successful code pairing and the boat is ready to be operated.
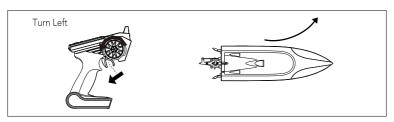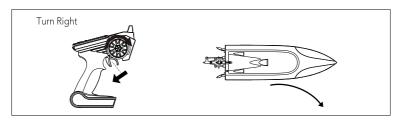
Operating Method

Forward

1. Pull back the throttle trigger of the transmitter and the boat goes forward.
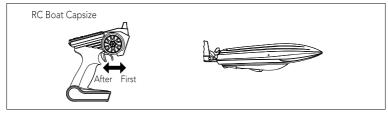

Backward

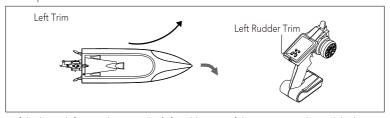2. Push forward the throttle trigger of the transmitter and the boat goes backward.

Turn Left

3. Pull back the throttle trigger of the transmitter, and twist the rudder knob towards counterclockwise direction and the boat turns left.
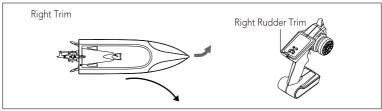

Turn Right

4. Pull back the throttle trigger of the transmitter, and twist the rudder knob towards clockwise direction and the boat turns right.
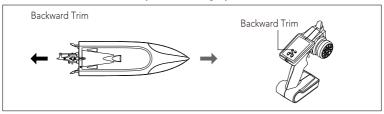
RC Boat Capsize

After First

5. If the boat capsizes in the water, push forward the throttle trigger of the transmitter and then pull back at once and the boat will return to normal.
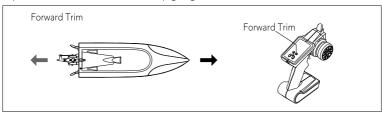

Left Trim

Left Rudder Trim

6. If the boat drifts to right, press the left rudder trim of the transmitter the and the boat will back to correct rudder slowly and sails straightly.

Right Trim

Right Rudder Trim

7. If the boat drifts to left, press the right rudder trim of the transmitter the and the boat will back to correct rudder slowly and sails straightly.

Backward Trim

Backward Trim

8. If the boat still goes forward when the throttle trigger of the transmitter back to middle, press backward trim till the boat stop going forward.

Forward Trim

Forward Trim

9. If the boat still goes backward when the throttle trigger of the transmitter back to middle, press forward trim till the boat stop going backward.

Spare Parts

UDI001-01
Steering Engine

UDI001-02
Propeller

UDI001-03
Tail Rudder

UDI001-04
Screw Rod

UDI001-05
Steel Pipe

UDI001-06
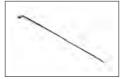Cabin Cover

UDI001-07
Hull

UDI001-08
Li Battery

UDI001-09
USB Wire

UDI001-10
Circuit Board

UDI001-11
Steering Engine Rod

UDI001-12
Support Holder

UDI001-13
Tail Rudder Compass Tube

UDI001-14
Silicone Waterproof Ring

UDI001-15
Cooling Pipe

UDI001-16
Motor

UDI001-17
Navigation Rudder

UDI001-18
Transmitter

USA Toyz

To ensure that play is both safe and fun, please review these operating instructions with your children:

Failure to follow all safety instructions may result in injury or property damage none of which USA Toyz will be held liable for as proper warnings are outlined in the manual.

- **Upon use of this product the end user assumes all responsibility and USA Toyz cannot be held liable for any personal injury and/or property damage.**

- **This item contains fast moving parts, motors and/or other wiring. When using it, basic precautions should always be followed including but not limited to the following:**

- **Keep your eye on the product at all times**

- **Tie back hair or wear a hat to avoid entanglement or injury**

- **Keep hands, hair and loose clothing away from moving parts when the power switch is turned ON.**

- **Please ensure the product is turned off when not in use.**

WARNING ⚠

CHANGES OR MODIFICATIONS TO THIS UNIT NOT EXPRESSLY APPROVED BY THE SELLER WILL VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.