

# Radio Control System Instruction



## Bind The Receiver

1. **Turn off** the Transmitter and make sure the **Throttle Stick** lay on the bottom position.
2. Connect the battery to the receiver. (Turn on the switch on the receiver if it has.)
3. The LED light on the Receiver will start flashing in slow frequency. (Means it's in Binding condition. The binding condition will last **5 seconds**.)
4. Within 5 seconds, turn on the transmitter.
5. The LED light on the Transmitter will start flashing. (Means it's in Binding condition as well.)
6. After both Tx and Rx are in Binding condition, check the LED light on the Receiver. If the Receiver's LED become to

flash in **high frequency**, means it binded successfully.

7. **After binding successfully, move random joystick on the Transmitter, the transmitter will quite the Binding condition.**

**NOTICE:** In order to avoid the propeller from hurting people, we design the **throttle protection** program in the ESC. Please read the following manual to **Launch the boat**. But we still suggest keep away from the propeller during bind the receiver.

**Launch the boat:** After binding, move the throttle stick to the top position, it will have a drop sound. Then turn it back to the bottom position. Then you can launch the boat.

## Binding Troubleshooting Guide

Problem	Possible Cause	Solution
Boat does not Bind (during binding) to transmitter	Transmitter is too near boat during binding process	Move powered transmitter a few feet from boat, disconnect and reconnect battery to boat
	Boat or transmitter is too close to large metal object, wireless source or another transmitter	Move boat and transmitter to another location and attempt binding again
	Boat battery/Transmitter battery charge is too low	Replace / recharge batteries
	Another compatible transmitter is powered on within range of the ESC	Turn off all compatible transmitters except the one you are trying to bind
	ESC switch is off	Power on ESC switch
Boat will not connect (after binding) to transmitter	Transmitter is too near boat during connecting process	Move powered transmitter a few feet from boat, disconnect and reconnect battery to boat
	Boat or transmitter is too close to large metal object, wireless source or another transmitter	Move boat and transmitter to another location and attempt connecting again
	Boat battery/transmitter battery charge is too low	Replace/recharge batteries
	ESC switch is off	Power on ESC switch
Controls reversed	Transmitter settings are reversed	Do the Control Direction Test and adjust controls on transmitter appropriately

### Low Power Indication

When the Transmitter AA battery voltage/power drops to a level that's too low for safe continued operation, the red color LED light will begin flashing. Pls turn back the model and replace the AA batteries.

**DO NOT** use the transmitter while the LED light is flashing. It will be very possible to lose control, if any accident caused by this situation, it's the your own responsibility.

### Control / Servo Reversing

The transmitter features control/ servo reversing functionality for the throttle and rudder channels. The control / servo directions

were set correctly at the factory for the boats , however , in case the controls are operating in the wrong direction , or you use the electronics in other models later on, simply change the position of 'Servo Reverse' switch for the channel(s) as needed.

### Dual Function

- ◆ If the switch is on the **UP** position ( face against the pilot ), the servo move in **big** range condition. Means the boat will be more sensitive, have very quick turn, better for expert to perform action.
- ◆ When the Dual function is on the **DOWN** position (opposite way) , the servo will go in small range condition, the boat will turn more slow, much easier to be under control by a beginner pilot.