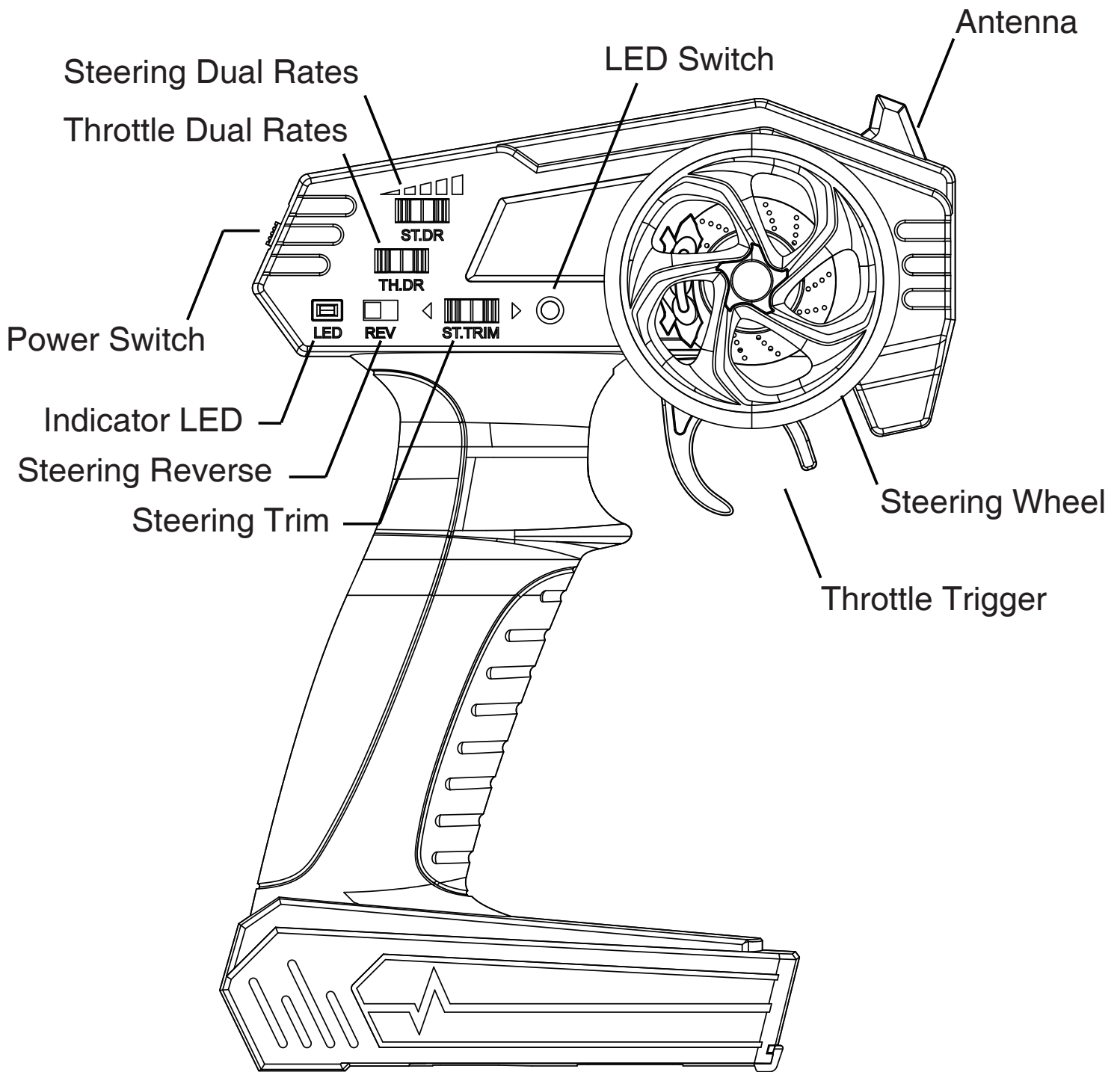


RADIO CONTROL SYSTEM

USER MANUAL



Advanced Radio Control System
For 797 Brushless Series
V 04.2024

WARNINGS

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product:

NOTICE: Procedures, which if not be properly followed, will create a possibility of physical property damage AND or possibility of injury.

WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Fail to operate the product correctly can result in damage to the product, personal property and cause serious injury.

This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Fail to operate this product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

AGE RECOMMENDATION: NOT FOR CHILDREN UNDER 14 YEARS. THIS IS NOT A TOY.

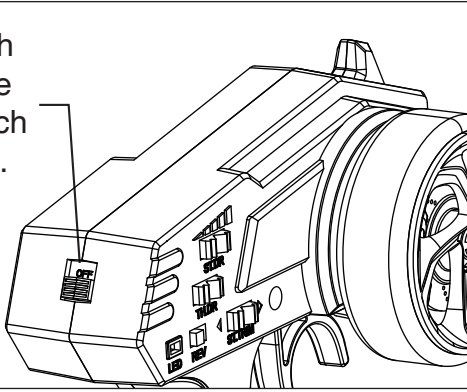
Precautions

As the user of this product, you are solely responsible for operating in a manner that does not endanger yourself and others or result in damage to the product or the property of others.

- Always keep a safe distance in all directions around your boat to avoid collisions or injury. This boat is controlled by a radio signal subject to interference from many sources outside your control. Interference can cause momentary loss of control.
- Always operate your boat in open spaces away from full-size vehicles, traffic and people.
- Always carefully follow the directions and warnings for this and any optional support equipment(chargers, rechargeable battery packs etc.).
- Always keep all chemicals, small parts and anything electrical out of the reach of children.
- Always avoid water exposure to all equipment not specially designed and protected for this purpose. Moisture causes damage to electronics.
- Never place any portion of the boat in your mouth as it could cause serious injury or even death.
- Never operate your boat with low transmitter batteries.
- Always keep your boat in sight and under control.
- Always use fully charged batteries.
- Always keep transmitter powered on while boat is powered.
- Always remove batteries before disassembly.
- Always keep moving parts clean.
- Always keep parts dry.
- Always let parts cool after using before touching.
- Always remove batteries after usage.
- Always ensure failsafe is properly set before running.
- Never operate a boat with damaged wiring.

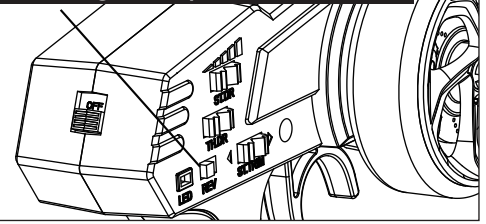
ON / OFF Switch

Slide the switch up to turn on the transmitter, switch down to turn off.



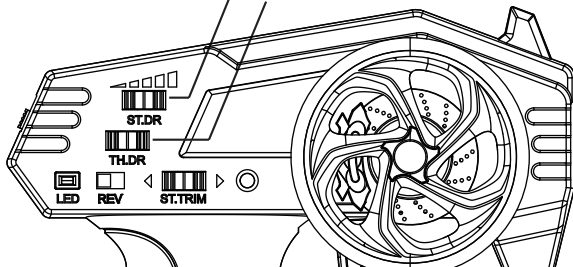
Battery LED Monitor

Solid red:
Battery is in good condition (above 4.3V).
Flashing red with beeping:
Battery is at low voltage. Replace batteries.



Dual Rates

Steering Dual Rates
Throttle Dual Rates

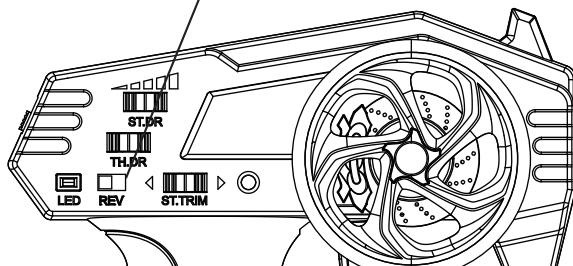


Adjust the steering dual rates to gain the proper steering ratio. Switch left / right to turn by a smaller / larger angle.

Adjust the throttle dual rates to adjust the top speed of throttle. It is initially set at 100% throttle, switch left to slow down the top speed.

Steering Reverse Switch

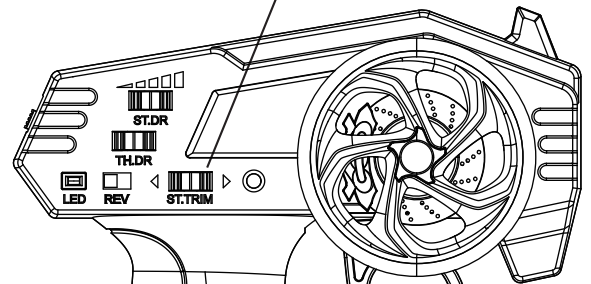
Steering Reverse Switch



If the direction of the servo is wrong, slide the steering reverse switch to the opposite direction.

Steering Trim

Steering Trim



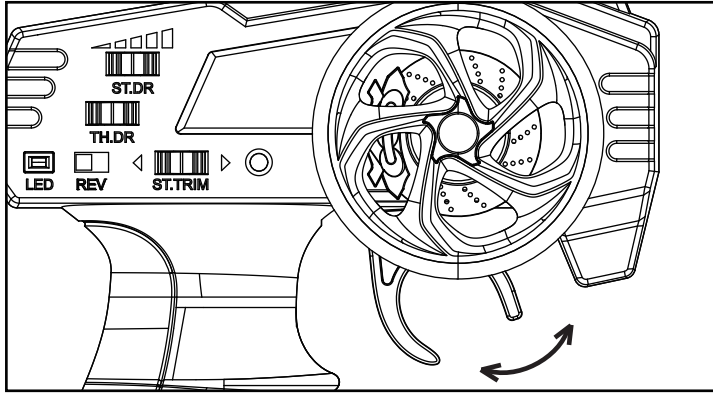
The steering trimmer is used to adjust the central position of servo if the vehicle can't run straightly. Switch left / right to adjust servo central position to left / right.

Receiver Binding

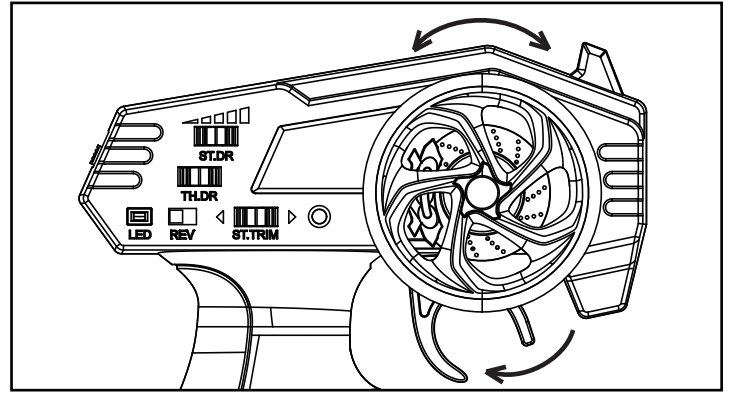
Binding is the process of programming the receiver to recognize the GUID (Globally Unique Identifier) code of a single specific transmitter. When a receiver is bound to a transmitter, the receiver will only respond to that specific transmitter. If you need to rebind for any reason, please follow the steps below.

1. With the transmitter switched OFF.
2. Connect the receiver-integrated ESC with power battery, then turn on the transmitter within 3 seconds.
3. The ESC LED will flash to bind automatically.
4. After the receiver LED turns solid, the binding is done.

Operation Instruction

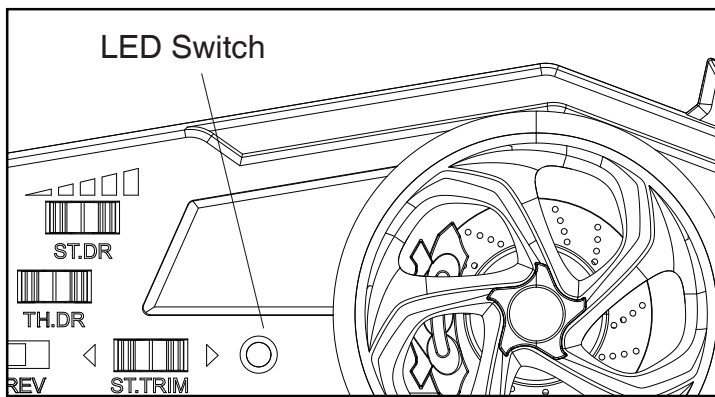


To move forward the boat, pull the throttle trigger as shown. To move backward the boat (if with reverse feature), push the throttle trigger as shown.



Rotate the steering wheel clockwise / counter-clockwise while pulling the trigger to make a right / left turn.

LED Switch



For the 797 series with LED, short press the button to turn on the LED. When the LED is on, each short press will switch LED colors, until it turns off. Double press the button to change LED modes (solid, blink).

Low Battery Alarm

When the boat battery is running at low power, the transmitter LED will flash with two beepings to alarm. You must collect back your boat and replace the battery with a full power one. Keep running with low power battery could cause accidents, such as boat missing, damaged, or unable to return.

Failsafe Alarm

When the boat running at edge of signal loss or out of range, the transmitter LED will flash with four beepings to alarm. You must run your boat within a safe range, otherwise it could cause accidents, such as boat missing, damaged, or unable to return.