

RACENT



OFF-ROAD CAR SERIES MANUAL

If you have questions about the rc boat, visit us on the web at www.exhobby.com or send an email to support@exhobby.com.

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WARNING

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. Failure 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. Failure 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. Do not use with incompatible components or alter this product in any way outside of the instructions provided by VolantexRC Co., Ltd.. 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.

Safety Precautions and Warnings

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 truck to avoid collisions or injury. This truck 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 truck 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 truck in your mouth as it could cause serious injury or even death.
- Never operate your truck with low transmitter batteries.
- Always keep your truck in sight and under control.
- Always use fully charged batteries.
- Always keep transmitter powered on while truck is powered.
- Always remove batteries before disassembly to avoid touching throttle and cause damage.
- 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 truck with damaged wiring.

Battery and Charging Warnings

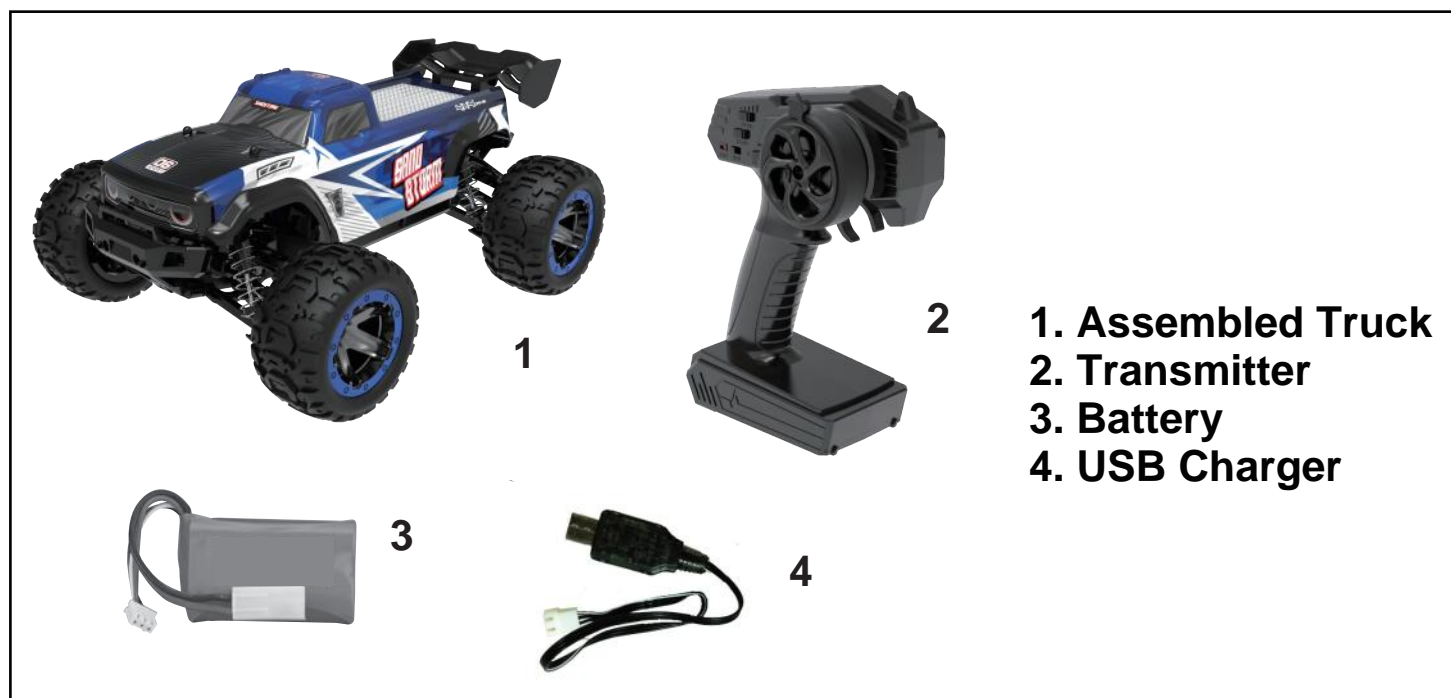
CAUTION: All instructions and warnings must be followed exactly. Mishandling of Li-Po/Li-Ion/Ni-Mh batteries can result in fire, personal injury, and/or property damage.

- The battery charger included with your truck is designed to safely balance and charge the specific Li-Po/Li-Ion/Ni-Mh battery.
- By handling, charging or using the included battery, you shall assume all risks associated with

Li-Po/Li-Ion/Ni-Mh battery.

- If at any time the battery begins to balloon or swell, discontinue using immediately. If charging or discharging, you should discontinue and disconnect. Continue to use, charge or discharge a battery that is ballooning or swelling can result in fire.
- Always store the battery at room temperature in a dry area for best results.
- Always transport or temporarily store the battery in a temperature range of 40-120 Fahrenheit degrees (5-49 degrees centigrade). Do not store battery or your truck in a car or direct sunlight. If stored in a hot car, the battery can be damaged or even cause fire.
- Always charge a battery away from flammable materials.
- Always inspect the battery before charging and never charge damaged batteries.
- Always disconnect the battery after charging, and allow the charger cool before next charge.
- Always constantly monitor the temperature of the battery pack while charging.
- ONLY USE A CHARGER SPECIALLY DESIGNED TO CHARGE SPECIFIC BATTERIES.
- Never discharge Li-Po cells till below 3V under load.
- Never cover warning labels with hook or loop strips.
- Never leave charging batteries unattended.
- Never charge batteries outside recommended levels.
- Never attempt to dismantle or alter the charger.
- Never allow minors to charge battery packs.
- Never charge batteries in extremely hot or cold places (recommended between 40-120 Fahrenheit degrees / 5-49 degrees centigrade) or in direct sunlight.

Box Contents



Note: The Photo shown as an example for the same racing truck series. The actual product may vary slightly from manual according to the model you purchased.

Charging Instruction

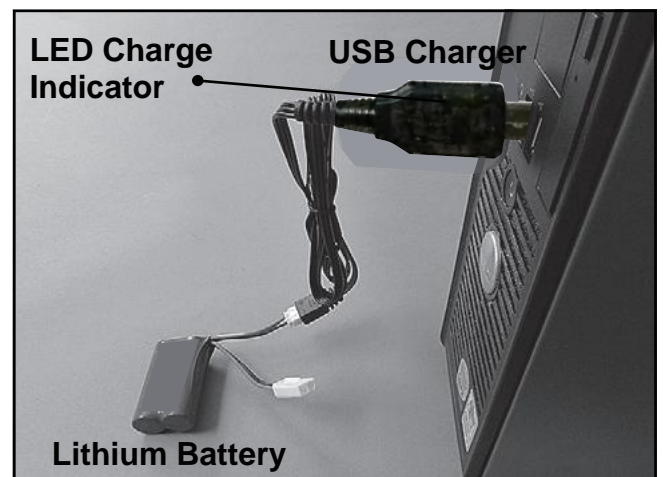
For charging the included lithium battery, you can only use the included charger or a suitably compatible lithium battery charger.

Charging the lithium battery using a none lithium battery compatible charger (such as a NiCd or NiMH battery charger), or even a different lithium battery charger with the incorrect settings, may result in damage to the battery or even fire resulting in property damage and/or personal injury.

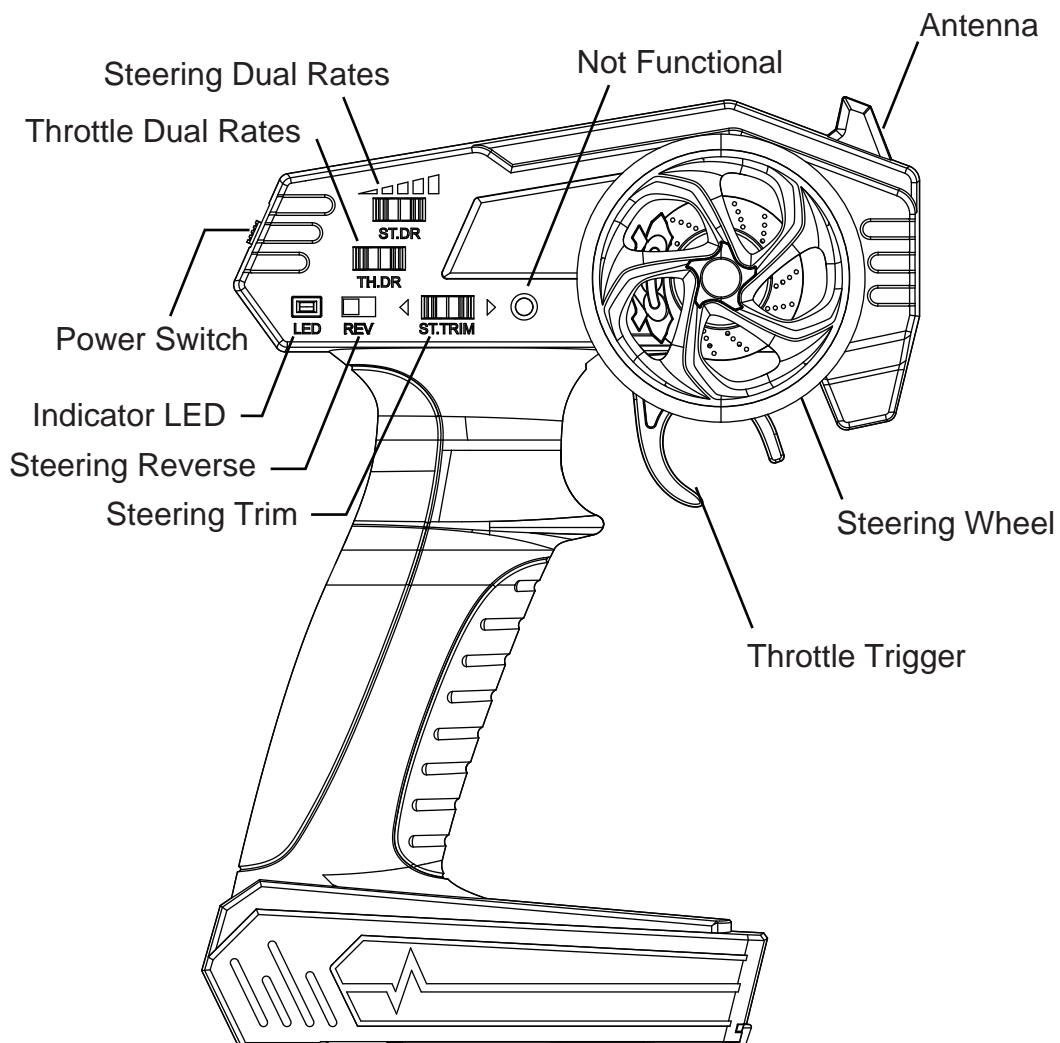
CAUTION: You must be careful to ensure proper polarity before making the connection.

Follow below steps to charge the lithium battery with the included charger.

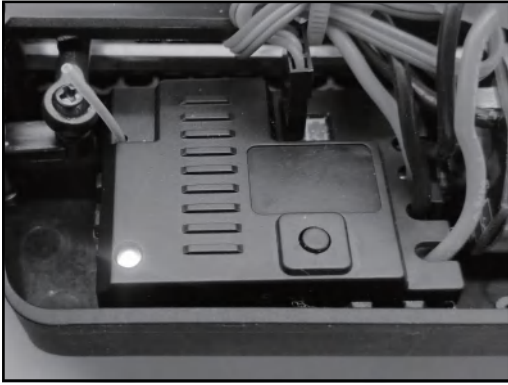
1. Power off your vehicle.
2. Carefully plug the charger into the USB port on your computer or USB adaptor.
3. Connect the battery into the charger.
4. While charging, the red LED charge indicator will be solid on. The charging process takes approximate 3 hours. For safety reasons, never charge the battery over 4 hours.
5. When the battery is fully charged, the LED charge indicator will be off.



Transmitter Instruction



Power Switch



Short press the button on the receiver to power on. Make sure the receiver is power on before turning on the transmitter, so that the radio system will be bound automatically. Press and hold the button to power off.

Note: To save power, the system will power off automatically if there is no any operation after 5 minutes.

Receiver Connection and Binding

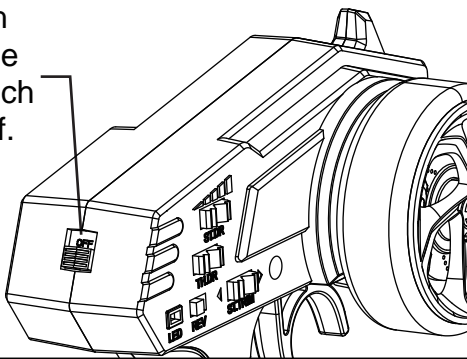
Binding is the process of programming the receiver to recognize the GUID (Globally Unique Identifier) code of a single specific transmitter. When a receiver is bound to a transmitter, the receiver will only respond to that specific transmitter.

If you need to rebind for any reason, please follow these steps:

1. With the transmitter switched OFF.
2. Power on the receiver, then turn on the transmitter within 5 seconds.
3. The receiver LED will flash for 3-8 seconds to bind automatically.
4. After the receiver LED stop flashing, it means the binding is done.

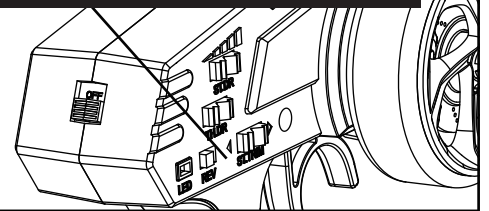
ON / OFF Switch

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



Battery LED Monitor

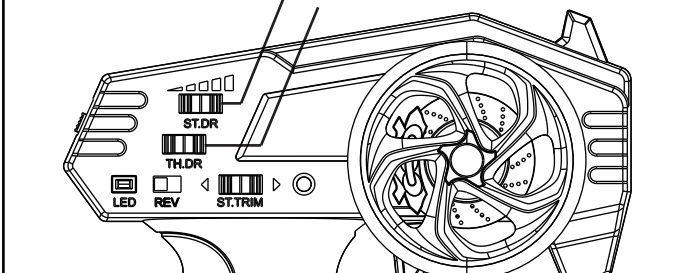
Solid red:
Battery is in good condition(above 4.3V).
Flashing red with beepings:
Battery is low power. Replace the batteries.



Dual Rates

Steering Dual Rates

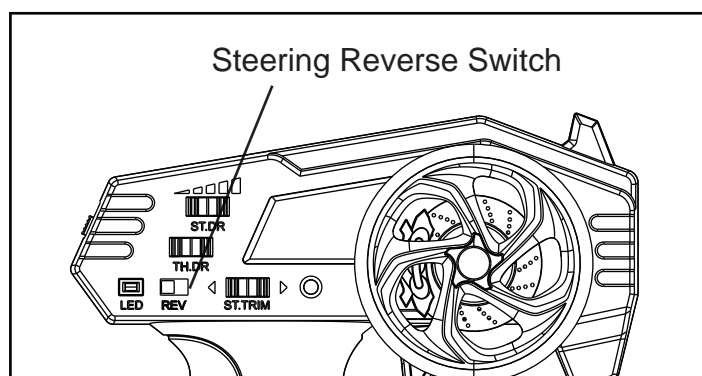
Throttle Dual Rates



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

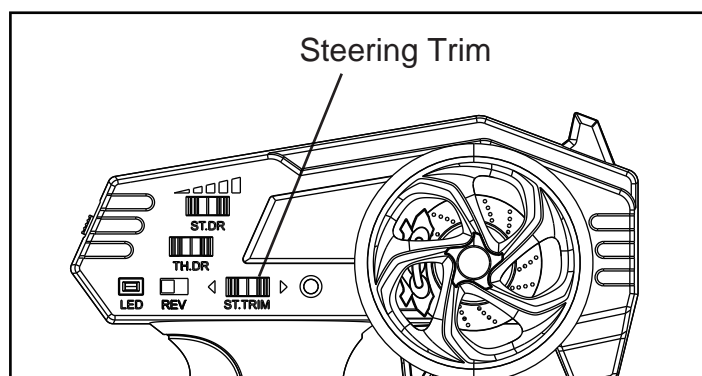
Adjust the throttle dual rates to adjust the top speed of throttle. It is initially set at 100% throttle, switch left to slow down the top speed.

Steering Reverse Switch



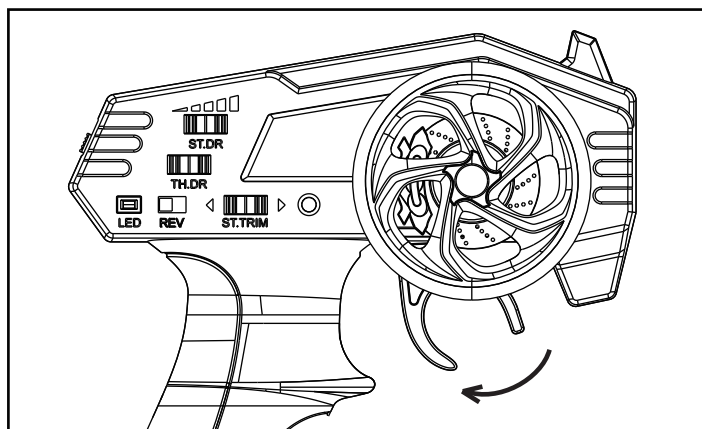
If the direction of the servo is wrong, slide the steering reverse switch to the opposite direction.

Steering Trim

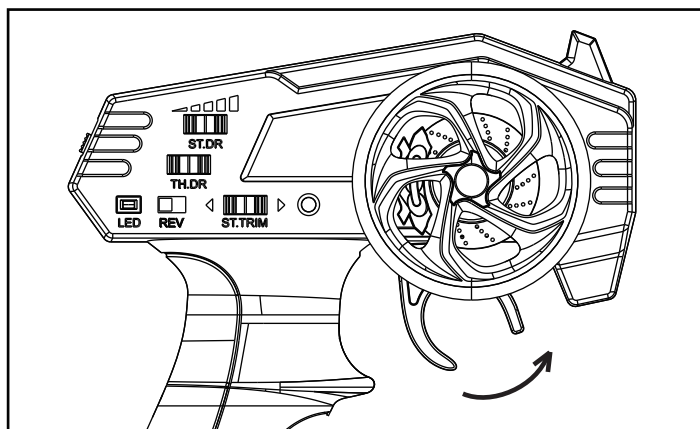


The steering trimmer is used to adjust the central position of servo if the vehicle can't run straightly. Switch left / right to adjust servo central position to left / right.

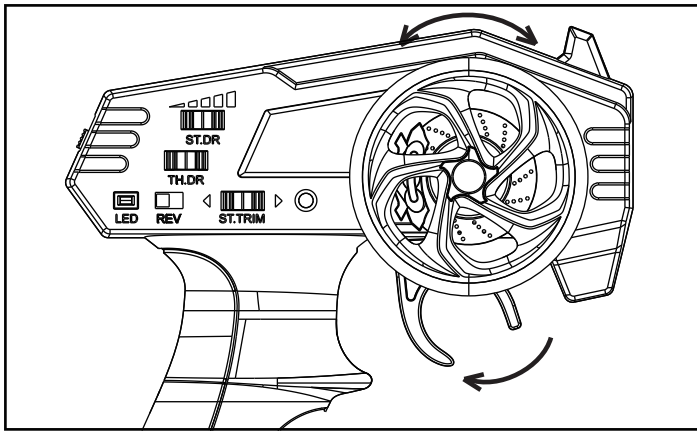
Operation Instruction



To move forward the truck, pull the throttle trigger as shown.



To move backward the truck (if with reverse function), push the throttle trigger as shown.



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

Low Battery Alarm

When the Lithium battery of the vehicle is low power, the transmitter will start quick “beep-beep” alarms.

You must collect the vehicle back to replace the Lithium battery.

After the Lithium battery is disconnected, the transmitter will stop the alarms.

Over Range Alarm

When the vehicle is over range, the transmitter will start quick “beep-beep-beep-beep” alarms.

You must control the vehicle back to replace the Lithium battery.

After the Lithium battery is disconnected, the transmitter will stop the alarms.

Running Tips

1. Run your vehicle on a flat surface, and keep your vehicle in sight.
2. Always release the throttle trigger right away following a crash to prevent further damages
3. Do not run your vehicle in an area with people or property nearby.
4. When you finish, always turn off your transmitter AFTER your vehicle power.
5. Always keep the battery unplug when you are not attempt to run the vehicle.