

# <sup>4WD</sup> R/C CAR

## Operation Manual



### 4X4

All-terrain  
Special Edition

1/14 Scale Remote Control Car



# 14+ AGES



# Attention

This product contains small parts. Do not allow children under 3 years old to play with it;

This product contains electronic components; please avoid immersing it in water and exposing it to humid environments;

Regularly check the battery charger wires. If the plug, housing, or any other parts are damaged, discontinue use immediately;

The package contains a screwdriver for opening the battery compartment. This tool is not a toy and should be kept out of reach of children. Please retain this tool for future use.

## Matters Needing Attention

1. Small detachable parts should be stored out of reach to prevent children from swallowing them.
2. If the operation site has radio interference, please choose an alternative location for operation.
3. Stop using the remote control if the power supply is low.
4. Do not indiscriminately discard packaging materials to prevent environmental pollution and protect health.
5. Store your remote control model in a dry, cool place.
6. Do not store the model near fire or in hot conditions.
7. If the battery is wet, wipe it thoroughly. Stop using it if there is any deformation.

## Battery Usage Precautions

1. The car uses a 7.4V Li-ion rechargeable battery.
2. The remote control requires three 1.5V "AA" batteries.
3. Ensure the battery is properly installed.
4. Charge the rechargeable battery only under adult supervision.
5. Don't mix batteries of different ages or types.
6. Remove the battery from the model car or remote control when it's exhausted.
7. Avoid short-circuiting the battery terminals.
8. Use only rechargeable batteries when replacement is necessary.
9. Remove the rechargeable battery from the car before charging.
10. Do not dismantle or discard a used battery carelessly to avoid accidents.
11. Ensure the charger's rated input voltage matches the local household voltage.
12. It's normal for the charger and battery to feel warm during the charging process.
13. Using non-original batteries with this model car is prohibited.



# Product Configuration

YS001



YS002



YS003



YS004



Remote control unit



Instruction book



Screwdriver



Charging cable



R-type metal pin X4



Lithium-ion battery pack

## Disassemble the Model Car Body

Pull out the pin and remove the shell

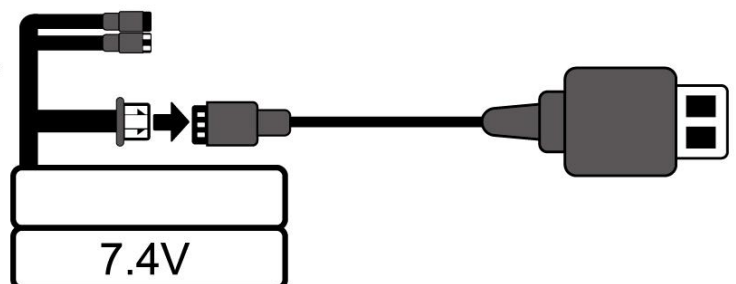
Ensure all accessories are correctly connected. First, remove the R-pin from the model car. Then take off and remove the car shell.



## USB Charger Precaution

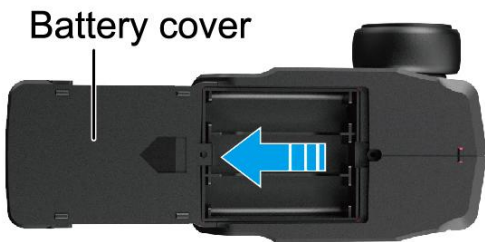
### Attention

- (1) The USB charger is not suitable for an input current greater than 4A.
- (2) When the input current is greater than 4A, the USB charger enters protection mode and all indicators turn off.



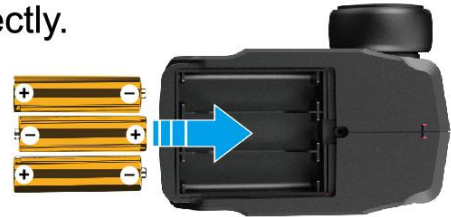
# Remote Control Battery Assembly

1. Remove the battery cover.

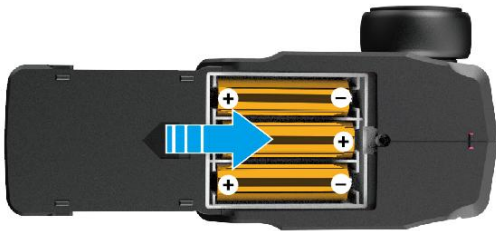


2. Install 3 AA alkaline batteries as shown in the illustration. Note that the battery is installed correctly.

3x"AA" Batteries  
for -transmitter  
(Not Included)



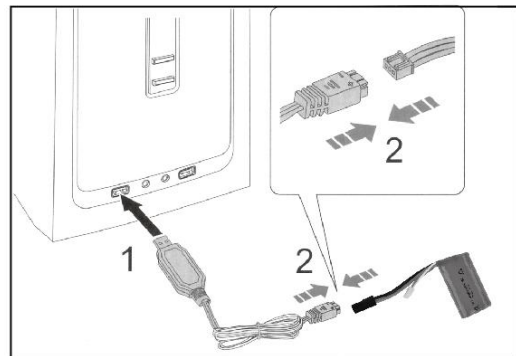
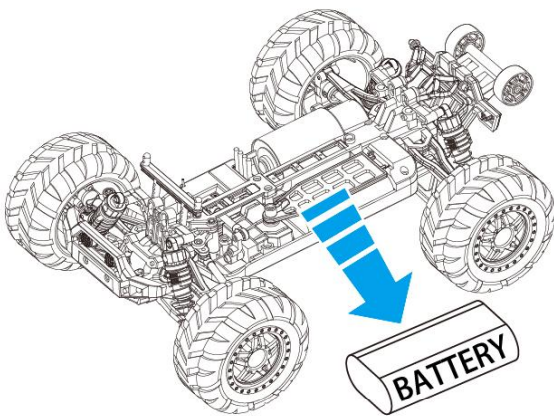
3. Close the battery cover.



Please don't mix old with new or different types of batteries. Please replace the exhausted battery in time, and do not use leaky batteries.

Check the battery power on the remote control regularly. If the battery power is insufficient, the transmitting and receiving effects will not be good. In this case, the model car may get out of control, leading to an accident.

# Charging the Car Battery



1. Remove the chassis battery as shown in the figure.

2. Connect the USB charging cable, insert the USB cable into the USB charging port to charge.

3. The charging time is about 3-4 hours.

#### 4. USB Indicator Description:

1) When charging the battery, the red light (power light) is always on, and the green light (charging indicator light) flashes slowly in frequency mode, indicating that the battery is charging normally

2) After the battery is fully charged, the red light (power light) goes out, the green light stops flashing and becomes normally on.

#### Warning:

Do not use non-factory versions of the rechargeable battery to avoid damage to the performance of the model car, and do not leave it unattended while charging.

Children can charge under the guidance and supervision of adults. Do not use batteries with leakage or damaged packaging.



# Remote Control Function Introduction



- a. Power Switch
- b. Steering Trim
- c. Throttle Percent Switch
- d. Throttle Reverse Switch
- e. Directional Reverse Switch
- f. Steering D/R



- 1. Throttle Forward
- 2. Backward
- 3. Left Turn Direction
- 4. Right Turn Direction
- 5. Brake

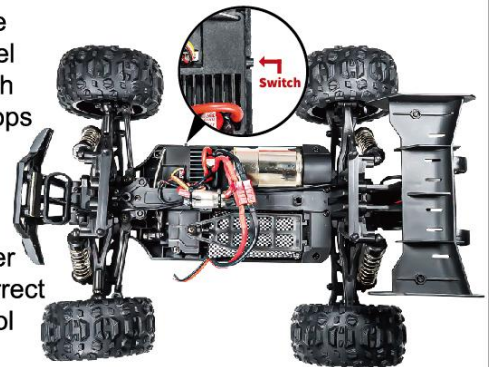
## Operating Model Car

### A. Power Switch



First turn on the remote control power switch. The remote control light flashes, indicating that it is searching for the model car that needs to be coded. Then, open the model car power switch (long press the model car power switch for 2-3 seconds). The indicator light of the model car stops flashing and turns to a steady light, indicating that the pairing has been successful.

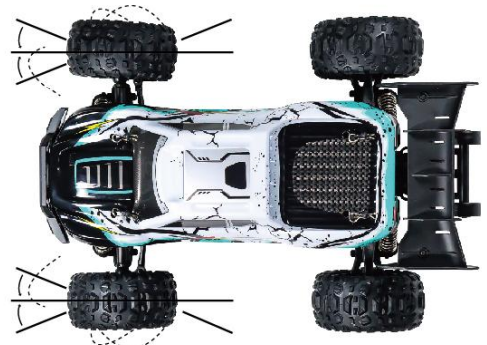
**Note:** When pairing the devices, do not pull the trigger or turn the steering control wheel to avoid sending incorrect signals. After completing the pairing, the direction control wheel and plate machine can be operated.



### B. Steering Trim



Use the ST.TRIM knob to adjust the position when the model car is unable to drive in a straight line. When the model car turns left, the ST.TRIM knob should be fine-tuned clockwise. When the model car turns to the right, the ST.TRIM knob should be fine-tuned counterclockwise.



### C. Throttle Percent Switch



**TH.D/R knob operation:**  
Turn clockwise to increase the speed of the model car. Turn counterclockwise to decrease the speed of the model car.

**Suggestion:**  
Do not adjust the speed too quickly when using the model car for beginners, to prevent damage to the model car.



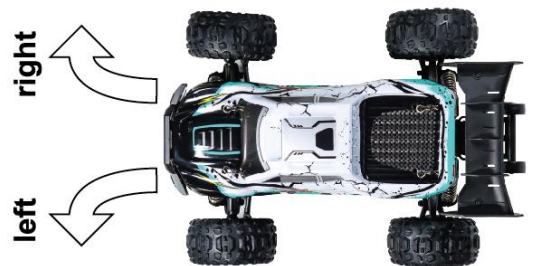
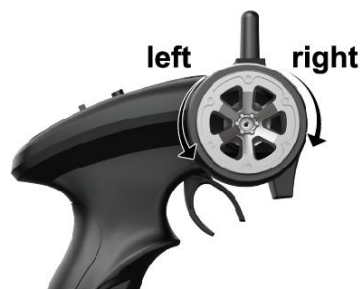
# Operating Model Car

## D. Throttle Reverse Switch



- When the switch is turned left, pulling the trigger backward with your finger causes the model car to move forward; pushing the trigger forward with your finger causes the model car to move backward; first pulling the trigger backward with your finger to make the model car move forward, then immediately pushing the trigger forward, resulting in braking.
- When the switch is turned right, pulling the trigger backward with your finger causes the model car to move backward; pushing the trigger forward with your finger causes the model car to move forward; first pulling the trigger forward with your finger to make the model car move forward, then immediately pulling the trigger backward, resulting in braking.

## E. Directional Reverse Switch



- When the ST.REV switch is turned left, turning the steering wheel forward will make the model car turn right; turning the steering wheel backward will make the model car turn left.
- When the ST.REV switch is turned right, turning the steering wheel forward will make the model car turn left; turning the steering wheel backward will make the model car turn right.

## F. Steering D/R



- Turn the ST.D/R knob clockwise to increase the steering angle.
- Turn the ST.D/R knob counterclockwise to reduce the steering angle.



# Parts List

HX001



Steering gear press

HX002



Front and rear hood brackets

HX003



Rear axle cup

HX004



Swing arms back up and down

HX005



Head cover

HX006



Rear axle seat assembly

HX007



Steering head seat cover

HX008



Swing arms up and down forward

HX009



Motor mount (large)

HX010



Second floor

HX011



Master gear

HX012



Motor rear protection

HX013



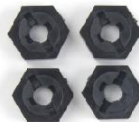
Car bottom

HX014



Universal front and rear shock absorbers for big feet

HX015



Tire adapter

HX016



Motor stud

HX017



Hood

HX018



Lampshade

HX019



Long steering link assembly

HX020



Drive loose teeth

# Component List

HX101



540 strong motor

HX102



Steering gear arm punching set

HX103



Steering gear bend arm assembly

HX104



Battery lock

HX105



Header assembly

HX106



Front drive shaft

HX107



Differential converter

HX108



Front anti-collision assembly

HX109



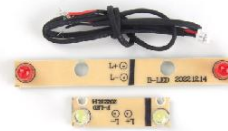
Battery

HX110



Front axle seat assembly

HX111



Front and rear light assembly

HX112



Front long shock absorber

HX113



Rear long shock absorber

HX114



Rear anti-collision assembly

HX115



Brush tuned receiver

HX116



Steering engine

HX117



USB charging cable

HX118



Tire

HX119



Remote control unit

HX120



Rear propeller shaft



# Alloy List

HX201



(4.8X2.5MM)

Iron bead ball head

HX202



(long158MM)

Pivot hexagon axis

HX203



Steering ball head screws

HX204



(8X12X3.5MM)

Ball bearing

HX205



Screwdriver

HX206



R-type metal pin

HX207



(6.35X9.5X3.2MM)

Ball bearing

HX208



(2.6X30MM)

Half screw

HX209



(2.6X43MM)

Swing arm shaft tip

HX210



(4X29.5MM)

Steering optical axis

HX211



(2.6X14MM)

Rear swing arm optical shaft tip

HX212



(2.6X26MM)

Half screw

HX213



(2.6X14MM)

Self-tapping screw

HX214



(2.5X6X6MM)

Machine screw with cover

HX215



(2.8X10MM)

Self-tapping screw

HX216



(2.6X6X14MM)

Self-tapping screws with cover

HX217



(2.6X25MM)

Self-set screw

HX218



(2.3X10MM)

Self-tapping screw

HX219



(2.5X8MM)

Machine screw

HX220



(3X8X14MM)

Hexagonal self-tapping screws with cover

HX221



(2.6X6MM)

Self-tapping screw

HX222



(2.8X12MM)

Self-tapping screw

HX223



(2.6X10X10MM)

Self-tapping screws with cover

HX224



(2.6X8MM)

Self-tapping screw

# Alloy List

HX225



(2.6X8MM)

Self-tapping screw

HX226



(2X5MM)

Self-tapping countersunk  
head screws

HX227



(2.5X12MM)

Machine screw

# List of Car Shell Styles

YS001



YS002



YS003



YS004





## FCC Warning

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.