

R/C CAR INSTRUCTIONS



READ THESE INSTRUCTIONS FULLY BEFORE USE

KEEP THIS MANUAL FOR FUTURE REFERENCE BECAUSE IT CONTAINS IMPORTANT INFORMATION

8+ AGES

Attention

This product contains small parts. Keep away from children under 3 years old.
This product contains electronic components. Do not submerged in water or use in damp environments.

The battery charger should be regularly inspected for damage to its cord, plug, housing, or other parts. Discontinue use if any damage is found.

Do not touch the unit's moving parts. Touching moving parts may cause injury.
The package contains screwdrivers for disassembling/assembling. These tools are not toys and should be kept out of reach of children.

Matters needing attention

1. Detachable small parts must be stored properly and kept out of children's reach to prevent accidental swallowing
2. If there is radio wave interference at the operating site, please select an alternative location for operation.
3. When the remote control battery is low, stop operation immediately.
4. Do not discard packaging materials after disassembly; dispose of them properly to avoid environmental pollution.
5. Store your remote control model in a dry, cool place.
6. Do not store the model near fire, high-temperature areas, or humid places
7. If the battery gets wet, wipe it thoroughly to remove all moisture. If the battery is deformed, stop using it immediately.

Battery usage instructions

1. Vehicle Power Source: 7.4V Li-ion rechargeable battery pack.
2. Transmitter Power Source: 3*1.5V "AA" batteries (Not included)
3. Polarity Compliance: Verify correct +/- orientation during battery installation/replacement
4. Rechargeable Battery Charging must occur under adult oversight ONLY.
5. Please do not mix old/new batteries or different battery types/models.
6. Please immediately remove the batteries from vehicle or transmitter when they are exhausted.
7. Please prevent short-circuiting of battery contacts.
8. NEVER attempt to recharge disposable batteries
9. Remove rechargeable battery pack from vehicle before charging
10. NEVER disassemble, incinerate, or immerse damaged batteries in water to avoid any accidents
11. Input voltage MUST match local household supply (e.g., 110V/220V).
12. Mild warmth from charger/battery during charging is expected.
13. Please only use original manufacturer batteries.

Product configuration



Remote Control Car



Remote control



Instruction



USB charger



Screwdrivers



R-type metal pin X 4



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.

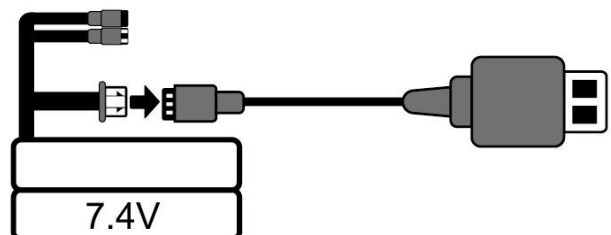


USB Charger Specifications



Attention

1. Input Current Limit
SHALL NOT exceed 4A DC input current.
2. Over-Current Protection
When input current $> 4A$:
 - a) Protection mode automatically activates
 - b) All LED indicators extinguish immediately



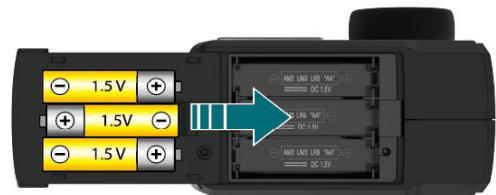
Remote control battery assembly

1.Remove the battery cover.
Battery cover

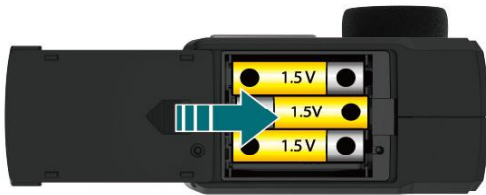


2.Install 3 AA alkaline batteries as shown in the illustration.Note that the battery is Installed correctly

3x"AA" Batteries
for transmitter
(Not included)

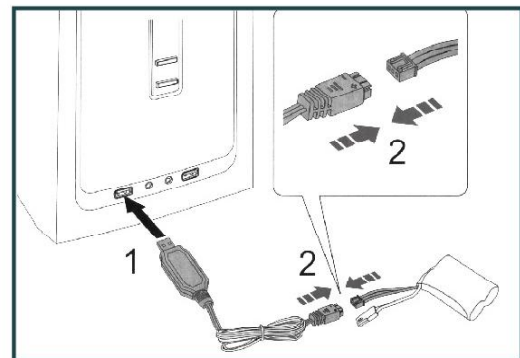
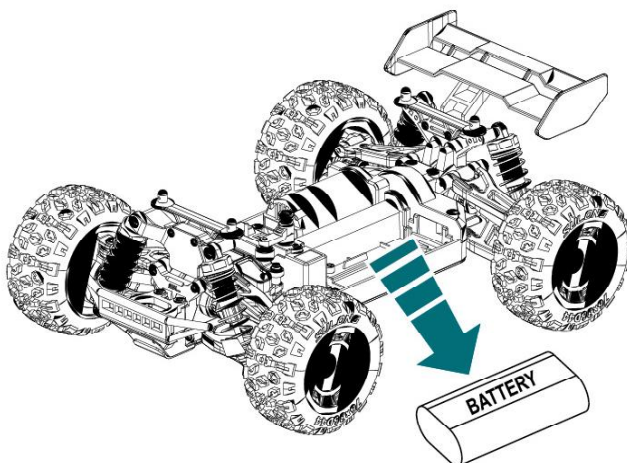


3.Close the battery cover.



1. Please don't mix with old and new or different types of batteries.
2. Please replace the exhausted battery in time, and please do not use the leaky battery
3. Check the battery power on the remote control regularly. If the battery power is insufficient, the transmitting and receiving effect will not be good. In this case, the model car may get out of control, leading to an accident.

Charging the car battery



1. Take out the car battery as left shown.
2. Connect to the USB charging cable,then insert the cable into the USB charging device port to charge.
3. The charging time is about 3-4 hours.
4. USB Charging Indicator Status
 - 1)Charging in Progress
Solid red light with slow-blinking green light indicates normal charging operation.
 - 2)Fully Charged
Green light remains solid when battery reaches full capacity.
 - 3)Charging Error
Rapid blinking green light signals abnormal charging conditions.

Warning:

Do not use non-factory version of the rechargeable battery, so as to avoid damage to the performance of the model car, and do not leave it unattended when 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
- G. Light controller



- 1. Forward
- 3. Left turn



- 2. Backward
- 4. Right turn
- 5. Brake

Operating model car

A. Power Switch



Binding Procedure:

Turn on the transmitter power switch. The transmitter LED will blink rapidly, indicating it is searching for a model vehicle to bind with. Briefly press (approximately 0.5 seconds) the ESC power switch on the model vehicle to turn it on.

The ESC LED on the model vehicle will stop blinking and become steadily lit, indicating successful binding.

Power Off Operation: Press and hold the ESC power switch for 3 seconds.

Important Binding Notes:

Rapid LED blinking on the transmitter indicates the searching state. (Correct state)

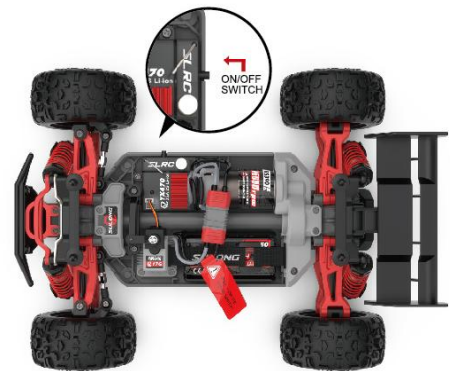
Slow LED blinking on the transmitter indicates it is detecting the neutral position of the throttle trigger and steering wheel and has not entered binding mode.

In this case, please gently move the trigger forward/backward and the steering wheel left/right and release them to ensure they are centered (returned to neutral position).

This will allow binding to proceed.

Sometimes, the LED blinking on the remote control is slow, but the car can still be controlled normally.

This is a reminder that the transmitter's battery is low. At this time, replace the batteries with new ones.

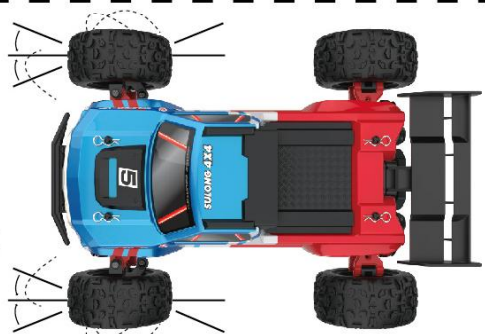


B. Steering trim

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 speed up the model car,
Turn counterclockwise to slow down the model car

Suggestion:

Do not adjust the speed too fast when using the model car for beginners, so as not to damage the model car!



Operating model car

D. Throttle reverse Switch



- When the switch is turned to the left, pull the trigger with your finger to drive the model car forward;
Push the trigger forward quickly with your finger as the brake;
Push the trigger normally forward with your finger to drive the model car backward.
- When the switch is turned to the right, push the trigger forward with your finger, and the model car moves forward;
Pull the trigger back for the brake.
Pull the trigger backward with your finger, and the model car will drive backward.

E. Directional reverse Switch



- When the ST.REV switch is turned to the left or the steering wheel is turned clockwise, the model car will turn to the right; Turn the wheel counterclockwise, The model car will turn to the left.
- When the ST.REV switch is flipped to the right or the steering wheel is turned clockwise, the model car will turn left; Turn the wheel counterclockwise, The model car will turn right.

F. Steering range



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

G. Light controller



Press the button to control the lights of the remote control/vehicle synchronously after the RC car is connected to the transmitter.

Parts list

HY001  Chassis Base	HY002  swing arms up and down forward	HY003  swing arms back up and down	HY004  Front Left / Right Wheel Hub Carrier
HY005  Rear Wheel Hub Carrier	HY006  Front Transmission Case Cover	HY007  Rear Transmission Case Cover	HY008  Brake Pad
HY009  Shock Mounting Bracket	HY010  Chassis Press Cover	HY011  Gearbox Top Cover	HY012  Servo Mounting Plate
HY013  Tie Rod Retainer	HY014  390 Motor Rear Cap	HY015  Crash Guard	HY016  Rear Impact Protector
HY017  Front lamp cover	HY018  Tail wing	HY019  Vehicle shell bracket	HY020  Motor Spacer Plate
HY021  Single-Layer Gear	HY022  Short Bevel Gear	HY023  Front shock absorber protection part	

Component list

HY101



Drive shaft

HY102



Tie Rod

HY103



**Front long
shock absorber**

HY104



**Rear long
shock absorber**

HY105



**Differential gearbox in
both of front and rear**

HY106



Steering Rod

HY107



Front Impact Protector

HY108



**Steering gear
arm punching set**

HY109



Motor

HY110



Battery

HY111



ESC

HY112



Steering engine

HY113



Remote control

HY114



USB charging cable

HY115



Tire

HY116



**Hook-and-Loop Strap
with Plastic Buckle**

Alloy list

HY201  (long156MM) Hexagonal axis	HY202  (8X12X3.5MM) Deep Groove Ball Bearing	HY203  (6.35X9.5X3.2MM) Deep Groove Ball Bearing	HY204  Double-Ended Stud with Left/Right Hand Thread
HY205  (2.6X14MM) Screw	HY206  (3X36MM) Screw	HY207  (3X30.5MM) Screw	HY208  (3X20MM) Screw
HY209  (2.6X18X6MM) Half-threaded screw	HY210  (2.6X12MM) Screw	HY211  (2.6X10MM) Screw	HY212  (2.6X8MM) Screw
HY213  (2.6X8MM D4) Countersunk screw	HY214  (2.6X8MM D5) Countersunk screw	HY215  (3X14X9MM) Hex Flange Screw	HY216  (2.5X4MM) Nickel-Plated Machine Screw
HY217  (2.6X6MM) Screw	HY218  (2.6X8X6MM) Screw	HY219  (2X9.5MM) Knurled Shaft	HY220  (4X21.5MM) Nickel-Plated principal axis
HY221  (5X2.6X4MM) Ball Head Sleeve	HY222  (5X2.6X5MM) Ball Head Sleeve	HY223  (5.8X2.6X6MM) Ball Head Sleeve	HY224  (6X2.6X6MM) Ball Head Sleeve

Alloy list

HY225  (7.5X5.4X5.4MM) Ball Joint Shaft	HY226  Left/Right Cover Panels	HY227  Front Suspension Decorative Piece	HY228  Front Protective Plates
HY229  Rear Protective Plates	HY230  R-type metal pin	HY231  Screwdrivers	HY232  (4X3MM) Socket Head Cap Screw
HY233  Powder Metallurgy Step Gear			

List of car shell styles



Warm Tips: If you have any questions about parts replacement, please don't hesitate to contact us at your convenience.

Troubleshooting

Problem	Solution
Vehicle Stop Working	1) Check to ensure that the radio controller and the car are switched on. 2) Check if there are damaged parts/wires/connectors; repair or replace as necessary. 3) The car battery is flat. Charge the battery pack. If charging does not work, use a new battery.
Poor or No Steering	1) Fully charge the battery pack. Or replace it if needed. 2) Adjust the 'ST. TRIM on the transmitter to check whether the tires can be steered. 3) Check if the servo link is loose or if the servo is defective. Repair or replace if possible.
Incapable of Connection	1) Check and confirm that the car/transmitter battery is installed properly. 2) The car/transmitter battery is flat. Check and fully charge the battery pack, or replace it if needed. 3) Check to be within signal transmission distance. Replace ESC if the issue persists.
Short Control Range	1) Stop driving and try to operate the vehicle in a new area. 2) Replace with new transmitter batteries.
Battery Not Charging	1) Check if either the charger or the battery is damaged or if the batteries are over-discharged.
Battery with Short Life	1) Ensure proper charging following battery usage precautions in the manual. 2) Check the battery for deformation and wear, and replace it with a new one. 3) Battery life depends on the operation. Operate smoothly and avoid continuous full throttle.
Loud Noise	1) Remove the car shell and check whether there are any foreign objects in the vehicle, and then remove them. 2) Differential slipping. Check and replace the differential if needed.
Missing Parts	1) Each vehicle will be inspected and confirmed to be fully equipped before leaving the factory. If you have any questions, please get in touch with us. Two batteries: One pre-installed One boxed separately

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.