

14+

2.4GHz full scale synchronous remote control system

PRODUCT MANUAL

Please read the manual carefully before use

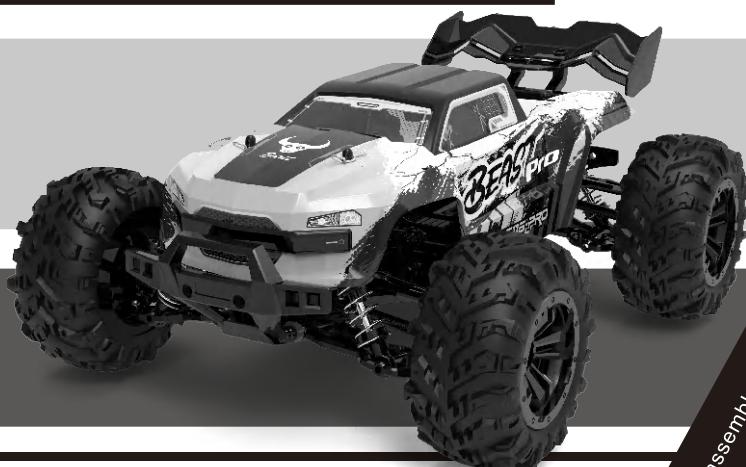
← **NO.SG116MAX** (Brushless version) →



Note: In order to comply with the packaging regulations and compress the volume of the package, the tail fin is removed before leaving the factory. Please install it by yourself before use!

4WD
OFF-ROAD
VEHICLE

← **NO.SG116PRO** (Carbon brush version) →



Fully assembled, professional model car configuration

1/16 FULL SCALE ELECTRIC 4WD MODEL CAR

Attentions

- 👉 Beginners should read through the instructions or seek advice from experienced people before using.
- 👉 For beginners, after the initial understanding of the basic operation related to model cars, they are eager to try to operate. We suggest the operator to practice more, choose a simple site, first choose a low-speed driving model car, the purpose is to be familiar with the model car steering, throttle, brake control, until skilled before you can try high-speed driving, or change the complex site.
- 👉 This product is not a toy, it's a scale model car. Children under the age of 14 must be operated under close adult supervision.
- 👉 This product contains small and sharp parts, so please store it out of the reach of children.
- 👉 Do not reverse the battery connection or disassemble the battery. It is dangerous and may cause a fire.
- 👉 It is strictly forbidden to operate the model car in public places or crowded places as this may lead to accidents.
- 👉 When the model car is not in use, please disconnect the battery first and then remove it from the body. In addition, after the remote control is turned off, the battery should be removed to avoid liquid leakage.
- 👉 Please do not store the model in high temperature, humid and direct sunlight places.
- 👉 Please check the battery charger and other battery components regularly for damage. If any part is damaged, do not use it.
- 👉 Removable small parts should be stored safely and kept away from children.
- 👉 If interference is encountered, please turn off the model and try again in another area.
- 👉 If the battery power is too low, the remote control cannot work properly. Please replace the battery.
- 👉 Please dispose of or recycle the old batteries properly according to the local regulations.
- 👉 Please store the product in a cool and dry place. Do not expose to high temperature and humidity. If the battery gets wet, please wipe it with a soft dry cloth immediately. If the battery is deformed, please do not use it. Batteries should be charged under adult supervision. When the battery is exhausted, it should be removed from the model car or remote control. Please do not short-circuit any terminals. Please do not try to charge any non-rechargeable batteries. When charging, please remove the battery from the model.
- 👉 Do not put the battery into fire or water.
- 👉 Before using the charger, please check your household voltage. If it does not match the charger, please use a plug adapter. It is normal for the battery or charger to get hot when charging.

Installing remote control batteries



Slide open the battery cover and install the battery as shown in the picture.



The remote control needs to use 3 x 1.5V AA batteries.
(Users need to purchase their own)

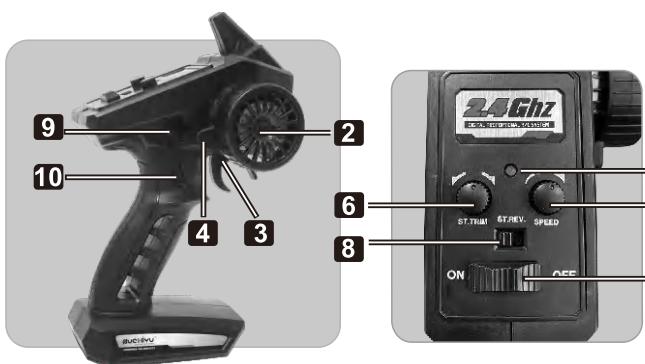
Please do not mix old and new or different types of batteries.

Please replace the depleted batteries in time and do not use leaking batteries.

Check the battery level on the remote control regularly.

If the battery power is low, the transmitting and receiving effect will not be satisfactory. In such a case, the car may lose control and this will lead to an accident.

Remote control function introduction

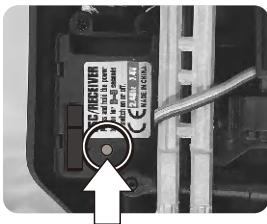


- 1) Remote control power switch: Turn on or off the remote control power.
- 2) Steering wheel: When turn the steering wheel left, the model car turns left. When turn the steering wheel right, the model car will turn right.
- 3) Throttle Trigger: Pull the trigger of the remote control backward with your finger, the model car will drive forward; push the trigger forward with your finger once for braking, let go and push forward again after the trigger returns to the middle position, the model car will drive backward.
- 4) Steering control auxiliary handle: One-handed control of throttle and steering. The index finger is used to hold the throttle, and the thumb is used to fine-tune the steering wheel (steering wheel) through the auxiliary handle. (Note: skilled hands personal preference, only to provide auxiliary role, novice please use caution.)
- 5) Power indicator: When the code, the indicator light first flashing fast, a few seconds later become constant light, prompting the success of the. When the indicator frequency type slow flashing, indicating that the power is insufficient, please replace the battery in a timely manner.
- 6) Steering fine-tuning knob: When the vehicle can't drive normally in a straight line, use this knob to make fine adjustment.
- 7) PRO Carbon Brush Version: Throttle Trigger Speed Limit Knob: Set the amount of remote trigger throttle control to adjust the model car driving speed.
MAX Brushless Version: Steering Angle rudder quantity Limit: Steering angle rudder amount limit:when turning the steering wheel,use "steering angle rudder amount limit" to adjust the tire rotation angle.
- 8) Steering reverse switch: Forward/reverse switching of left and right steering.
- 9) PRO carbon brush version: This switch does not function on this model car.
MAX Brushless Version: Speed three gear switch.
- 10) Headlight control switch.

Operate the model car

1

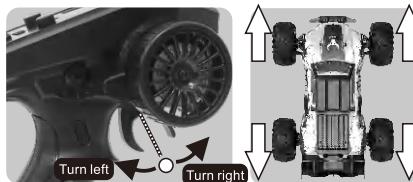
Turn on the power switch of the remote control and the power switch of the model car



Turn on the power switch of the remote control first, the indicator light of the remote control flashes, indicating that the model car is searching for the code, then press and hold the power switch of the model car for 2-3 seconds, then the indicator light of the remote control turns to normal light, indicating that the code is successful.

2

2 Check the throttle operation



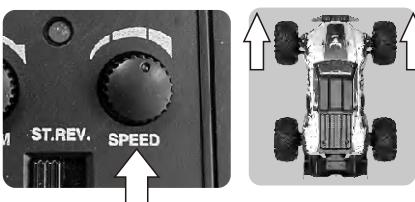
Use your finger to pull the trigger of the remote control backward, the model car will drive forward; use your finger to push the trigger forward once for braking, let go and push forward again after the trigger returns to the middle position for backward driving.

3 Steering fine-tuning knob



When the front wheels are not in the center position without steering wheels: If the front wheels are to the left, turn the steering knob clockwise for fine adjustment; if the front wheels are to the right, turn the steering knob counterclockwise for fine adjustment.

4 Throttle Trigger Speed Limit Knob (PRO Carbon Brush version only)



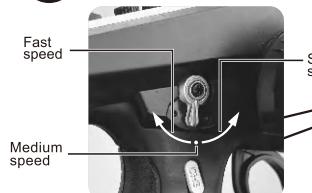
Set the remote trigger throttle control amount: counterclockwise rotation is to reduce the trigger throttle control amount (the minimum value is about 40% of the normal throttle control amount, when the trigger is buttoned to the bottom, the maximum speed is about 40% of the normal value), clockwise rotation is to increase the trigger throttle control amount (the maximum value is 100% of the normal throttle control amount, when the trigger is buttoned to the maximum, the maximum speed is 100% of the normal value).

5 Steering Angle rudder quantity limit (MAX Brushless version only)



Steering angle rudder amount limit: when turning the steering wheel, use "steering angle rudder amount limit" to adjust the tire rotation angle.

6 Speed Three Gear Switch (MAX Brushless version only)



Speed three gear switch: speed is divided into fast speed, medium speed and slow speed. (Beginners are recommended to use slow familiar operation)