

BRAVOMONSTER Super RC Car Manual P-201-4D-L

Thank you for purchasing BRAVOMONSTER Super RC Car. This product is based on the combination of the newly developed 2.4GHz transmitter and its corresponding receiver. Before driving the car, read this manual which contains the instructions you will need to operate, and maintain your car. After reading this manual, store it in a safe place.

PRODUCT INFORMATION

Radio system: 2.4GHz FHSS
MODEL: P-201-4D-L
Ages: 13 years old +
Size of car: 174mmx84mmx52mm
Size of package: 291mmx133mmx72mm
Li-Ion Polymer Battery: 600mAh
Input voltage: 5V = 500mA

1. IMPORTANT SAFETY WARNINGS

1.1 WARNING: Before running your car, look over this entire manual and examine the car carefully. If for some reason you decide it is not what you wanted, then do not continue any further. Your toy dealer absolutely cannot accept a car for return or exchange after it has been run.

Failure to observe the following warnings may result in harm either to you or damage to BRAVOMONSTER and its associated products (collectively the "BRAVOMONSTER Products") and will void the below warranty on BRAVOMONSTER Products. Please note that additional information is provided on www.beijingdynamics.com and it is your sole responsibility to review all important information before using BRAVOMONSTER Products. Your purchase and use of BRAVOMONSTER Products imply that you have read and accepted the terms and conditions both stated in this document and available online at www.beijingdynamics.com

1.2 BATTERY PRECAUTION This car uses a rechargeable lithium-ion polymer battery.

The car has a built-in 3.7V lithium-ion polymer battery, which cannot be removed and replaced. Only charge the battery under adult supervision.

Use an adapter with recommended parameters (DC 5V /500mA) for charging. Do not connect to an adapter that does not meet the recommended parameters to avoid leakage, fire or damage to the device and charger.

After charging is completed, please disconnect the power supply from the product, and the total continuous charging time should not exceed 4 hours. Do not place the car in a high temperature environment. Overheating of the battery may cause an explosion. Do not disassemble, collide, or squeeze the battery to avoid leakage, overheating and explosion. Regularly check whether the charging cable, plug, case, and other parts are damaged. If any damage is found, stop using it until the repair is complete. The car should be disconnected from the charger before cleaning. The charging cable is not a toy.

The controller uses 2 x 1.5V AAA alkaline batteries

Do not mix used and new batteries.
Do not mix different types of batteries: alkaline or rechargeable (nickel-metal hydride)
Do not dispose of batteries in a fire.
Only batteries of the same or equivalent type as recommended are to be used.
Batteries are to be inserted with the correct polarity.
Exhausted batteries are to be removed from the product.
Never short circuit the battery terminals.
Remove the batteries if not used for a long time.
Do not put it into water to prevent short circuit.

The Li-Ion Polymer Battery Charging Instructions

Please use a USB power adapter and USB Type-C charging cable that comply with national safety standards to charge the car.

When charging, turn off the power switch of the car. After plugging in the charging cable, the white charging indicator on the chassis lights up, and when fully charged, the white indicator turns off. After fully charged, if you unplug the charging cable and plug it in again, the charging light may be on for a while, which is normal.
When the car is running, the red indicator light on the chassis flashes, indicating that the battery power is low, please charge it as soon as possible.

1.3 STORAGE, DISPOSAL AND RECYCLING:

When you are through running your car for the day, always remove batteries from your car whenever the car is stored. If your car will be stored for a long time, then also remove the batteries from controller. Please kindly be aware that it is the consumer's responsibility to properly dispose and recycle BRAVOMONSTER and accompanying components. Do not dispose of BRAVOMONSTER with common household waste, the BRAVOMONSTER unit is considered electronic waste and should be disposed of at your local electronic equipment collection facility. For more information, please contact your local electronic equipment waste management authority or the retailer where you bought the product. If improperly disposed, batteries may short, causing them to become hot, burst or ignite.

2. PARTS LIST



Car x1



Remote controller x1

ONE cross-head screwdriver with a diameter of 3mm x 1
TWO AAA alkaline batteries for controller.
ONE Type-C Charging cable

3. HOW TO DRIVE THE CAR

3.1 Battery Installation and Removal

Installation: The controller requires 2 LR03/AAA batteries (alkaline batteries) or nickel-metal hydride rechargeable batteries. Use a screwdriver to open the battery cover, insert the batteries according to the polarity indicated in the battery compartment, and then tighten the battery cover.

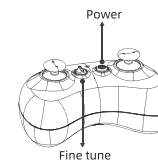
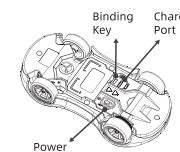
Removal: Use a screwdriver to open the battery cover, remove the batteries, and then tighten the battery cover.

The Power Indicator Light on the RC and car flashes quickly, indicating low battery power, please replace the batteries in controller and charging the battery in car time to avoid affecting the functions.

3.2 Starting the Engine

Car: Switch the power switch located on the underside of the car to the side marked "ON", the indicator light on the car will turn on.

Remote Controller: Press the power button, the indicator light turns on.



3.3 Mode selection

During the driving process, the controller will vibrate in response to the status of the car. The vibration levels are differentiated into two environments: indoor and outdoor. Each environment features three distinct modes, make sure turn on the power switch of the car before mode selection.

Indoor Mode: Use the controller to activate in an upright position.

Outdoor Mode: Use the controller to activate in an inverted position.

***Each Indoor and Outdoor Mode has three different modes: normal, racing and motion sensing mode.**

Normal mode: Turn on the power switch of controller, the LED red light, It's Normal mode now. You can drive the car with slowly or normal speed, if you are a beginner of remote control or driving the car in house, Normal mode suits you very well.

INFORMATION TO USER

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.

RF warning for Portable device:

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

Warning

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



Controller FCC ID: 2AZV7-HRC4DL
Car FCC ID: 2AZV7-CAC4DL

OPERATION PRECAUTION

Now it's time to have fun! Before you go on, here are some important precautions to keep in mind.

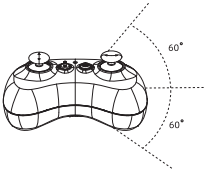
- Avoid operating the car when the battery power is low, as this may result in loss of control. Signs of depleted battery levels are characterized by reduced speed and delayed response of the servos (slow to center themselves). Cease operation promptly upon noticing any indication of weakened battery performance. When the batteries start to fail, the red power indicator will flash as a warning. Immediately halt the car and replace the batteries with new ones to ensure optimal operation and safety.
- Refrain from operating the vehicle during nighttime hours, on public roads, or in areas with dense gatherings of people to ensure safety.
- If the car becomes stuck against an object, do not continue to run the car. Remove the obstruction before continuing.
- Utilize "Racing mode," which allows for maximum speed, exclusively on paved surfaces to maintain optimal performance and control.
- Be aware that radio-controlled cars are susceptible to interference from various external sources. Such interference may lead to temporary loss of control. Therefore, it is crucial to maintain a safe distance around the car in all directions to prevent any potential collisions.

REGULATORY NOTICES

FCC Statement:
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.

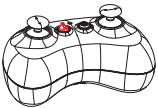


The maximum forward tilt angle of the controller is 60 degrees.

The maximum tilt angle to either side for the controller is 60 degrees.

5. Fine tuning

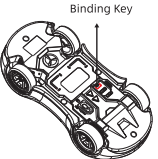
Look down at the car when you drive. The front wheels should be pointing straight ahead. If the wheels are turned slightly to the left or right, slowly adjust the Fine-Tuning Knob on the controller until they are pointing straight ahead while the car are running.



6. Binding instructions

For proper operation, the controller and car must be electronically "bound". This has been done for you at the factory. However, if the red light at the bottom of the car intermittently flashes after turning on the switches for both the car and the remote controller, it is necessary to re-pair the controller. Or when you ever need to bind to additional controller or car, follow these instructions:

- Turn on the power switch of car and controller, check the status LED for a solid red light. Make sure that only the controller you want to bind is powered on, all your other controllers must be turned off.
- Remove the battery cover of car.
- Use a small stick (diameter about 1~2.0mm) to press the binding key through the hole. Press the controller's throttle stick, the car has response. The system is bound and ready for use.



Racing mode: Push the "Throttle stick" to the front, at the meantime press the "power switch" on the controller, the LED is for a solid red light. It's Racing mode now. You can drive your car very fast; **Racing mode is better for skilled "driver"**.

Motion Sensing Mode: Pull the "Throttle stick" to the end, at the meantime press the "power switch" on the controller, the LED is for a solid red light. It's Motion Sensing Mode now. You don't need to use the controller sticks to drive the car. By simply rotating it, you can observe the car responding differently according to the direction in which you turn the controller. **Motion Sensing Mode is perfect for those with a strong sense of curiosity.**

	INDOOR MODE	OUTDOOR MODE
Normal		
Racing		
Motion Sensing		

4. Motion Sensing Effective Control Range

The immediate motion sensing control angles are influenced by factors such as individual vehicle differences, slope, and inclination, and the above values are based on laboratory environment tests.

The car remains stationary when the controller is reclined at an angle of 25 degrees. The maximum recline angle of the controller is 120 degrees.

