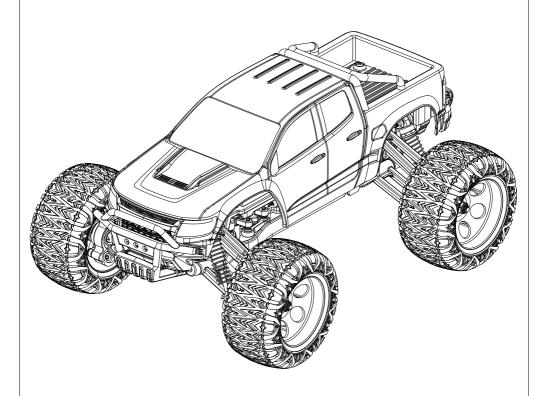


# 1/24 FMT24 CHEVROLET COLORADO



**BRUSHED** 

Instruction Manual 操作手册

#### SAFETY PRECAUTIONS 安全保障措施

#### Introduction 指引

Thank you for purchasing our products.

This manual is written to assist you in properly operating, maintaining and repairing the vehicle. As many of the components used are unique to this product, please retain this manual as a future reference. Composed of precision-made components, this product is not a toy, thus it is not suited for children under 14 years of age. Minors should be accompanied by an adult when operating. Failure to operate or maintain this product in a safe manner can result in bodily harm. It is the owner responsibility to operate this product in a safe manner. FMS and its distributors are not responsible in any way for any and all bodily harm and/ or property damage that may result from the use of this product.

#### 感谢您购买我们的产品。

本手册旨在帮助您正确操作、维护和修理车辆。由于本品所涉部件多数为特有部件,请保留本手册作为未来参考之用。

本产品由精密部件组成,并非玩具,因此不适合 14 岁以下的少年或儿童使用。 未成年人操作时应有成人陪同。 未能以安全的方式操作或维护本产品可能会导致人身伤害。 以安全的方式操作本产品是所有者的责任。FMS及其分销商对使用本产品可能导致的任何和所有人身伤害和/或财产损失概不负责。

#### Safety, precautions and warnings 安全、预防措施及警告

- Replace damaged components with original factory-parts.
- · Pay special attention to the polarity of all vehicle wiring.
- Use common sense when selecting the environment to operate your vehicle. Do not operate near power cables, cellular/radio towers, water or unstable terrain. The operator is solely responsible for their actions.
- The product is composed of precision electrical components. It is critical to keep the product away from moisture and other contaminants.
- · Always check the radio range of the vehicle prior to operation in order to prevent radio loss or interference.
- Operate this product within your ability. If the vehicle is dangerous to retrieve, it never worth the risk.
- Always turn on the transmitter before connecting the battery on the model. When turning off the model, always
  disconnect the battery first, and then turn off the model, always disconnect the battery first, and then turn off the
  transmitter. If this order is reversed, the model may become uncontrollable and cause serious damage.
- Never allow transmitter batteries to run low as it may cause loss of vehicle control.
- Plastics on the vehicle are susceptible to damage or deformation due to extreme heat and cold climate. Do not store the model near any source of heat such as oven or heater. Store the model indoors, in a climate-controlled, room temperature environment.
- 请使用原厂部件更换损坏的部件。
- 特别注意所有车辆接线的正负极。
- 务必选择合适的环境操作遥控模型,所选环境需远离电缆、无线电塔、水域及不稳定地形。本品操作者对其行为全权负责。
- 本品由精密电子部件构成。请勿将本品暴露于潮湿的环境或者其他污染物中,以免损坏。
- 确保每次操作前检查车辆的无线接收范围,以防止无线信号丢失或受干扰。
- 在您的能力范围内操作此产品。在任何时候,如果车辆操作有危险,则绝对不值得冒险。
- 通电方式:务必先开遥控器再将车通电。断电方式:务必先将车断电再关遥控器。以上顺序如逆转,则可能引起遥控模型失控,导致人身伤害或财产损失。
- 遥控器电池电量不足时,不要操作模型车,以免失控。
- 模型产品上的塑胶件容易因极冷或极热气候出现变形或损坏的状况。所以请将模型产品存放在气候受控的室温环境中,切勿靠近任何热源,如烤箱或暖器等。

This product is not a toy! (14+) Recommended for ages 14 and up. Adult supervision required for ages under 14 years old. Contains small parts, keep out of reach of children 3 years of age and younger.

使用前请仔细阅读本手册。我们不对任何故意损坏或不当使用负责。这个产品不是玩具!建议14岁及以上者使用。14岁以下的用户,需要在成年人监督下使用。本产品部分包含小零件,请务必保证3岁及以下儿童不能接触本产品。



## Certifications 认证相关

## DoC Declaration DoC 自我说明

Hereby, we declare that the Radio Equipment [【FMS-G3&FMS-R3A] is in compliance with RED 2014/53/EU. 特此,我们声明无线电设备【FMS-G3&FMS-R3A】符合 RED 2014/53/EU。

#### CE Warning CE 警告语

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

发射机的天线必须距离所有人员或其他发射机至少 20 厘米的间隔距离。必须将天线安装说明和满足射频讯号辐射的发射机操作规范提供给终端用户和安装人员。

#### **Appendix 1 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.

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

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.

#### EU DoC Declaration

Hereby, we declare that the Radio Equipment [FMS-R3B] is in compliance with RED 2014/53/EU.

#### RF Exposure Compliance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 centimeters between the radiator and your body.

#### Environmentally friendly disposal

Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances



#### Safety symbols 安全符号

Pay close attention to the following symbols and their meanings. Failure to follow these warnings could cause damage, injury or death.

仔细阅读以下符号及其相关说明,如不按照以下指引进行操作,可能会导致设备损坏或人员伤亡。

///	Not following these instructions may lead to minor injuries. 如果使用者不按照说明方法操作,有可能导致操作者或他人受到轻微伤害。
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Warning 警告	Not following these instructions may lead to major injuries. 如果不按照说明方法操作,可能导致操作者或他人遭受较大伤害。

Danger 危险 Not following these instructions may lead to serious injuries or death. 如果不按照说明方法操作,可能导致操作者或他人严重受伤,甚至遭受生命危险。

#### Safety Guide 安全信息

- Do not use the product at night or in bad weather like rain or thunderstorm. It can cause erratic operation
  or loss of control.
- Do not use the product when visibility is limited.
- Do not use the product on rain or snow days. Any exposure to moisture (water or snow)may cause erratic operation or loss of control.
- Interference may cause loss of control. To ensure the safety of you and others, do not operate in the following places:
  - 1. Near any site where other radio control activity may occur
- 2. Near power lines or communication broadcasting antennas
- 3. Near people or roads
- 4. On any body of water when passenger boats are present
- Do not use this product when you are tired, uncomfortable, or under the influence of alcohol or drugs. Doing so may cause serious injury to yourself or others.
- The 2.4GHz radio band is limited to line of sight. Always keep your model in sight as a large object can block the RF signal and lead to loss of control.



- •请不要在夜晚或雷雨天气使用本产品,恶劣的天气环境有可能导致遥控设备失灵。
- •请不要在能见度有限的情况下使用本产品。

Prohibited · 请不要在雨雪或有水的地方使用本产品。如果有液体进入到系统内部,可能会导致运行不稳定或失灵。

禁止

- •信号干扰可能导致设备失控。为保证您和他人的安全,请不要在以下地点使用本产品:
- 1、基站附近或其他无线电活跃的地方
- 2、人多的地方或道路附近
- 3、有客船的水域
- 4、高压电线或通信广播天线附近
- 当您感到疲倦、不舒服,或在摄入酒精或服食导致麻醉或兴奋的药物后,不要操作本产品。否则可能对自己或他人 造成严重的伤害。
- 2.4GHz无线电波段完全不同于之前所使用的低频无线电波段。使用时请确保模型产品在视线范围内,大的障碍物将会阻断无线电频率信号从而导致遥控失灵模型失控。
- Misuse of this product may lead to serious injury or death. To ensure the safety of you and your equipment, read this manual and follow the instructions.
- Make sure the product is properly installed in your model. Failure to do so may result in serious injury.
- Make sure to disconnect the receiver battery before turning off the transmitter. Failure to do so may lead
  to unintended operation and cause an accident.
- Ensure that all servos operate in the correct direction. If not, adjust the direction first.
  - Make sure the model stays within the systems maximum range to prevent loss of control.

#### Mandatory 强制

- 遥控设备使用不恰当可能导致操作者或他人严重受伤,甚至死亡。为保证您和设备的安全,请仔细阅读使用说明书 并按照要求进行操作。
- 使用前必须确保本产品与模型安装正确,否则可能导致模型发生严重损坏。
- 关闭时,请务必先关闭接收机电源,然后关闭发射机。如果关闭发射机电源时接收机仍然在工作,将有可能导致遥控设备失控或者引擎继续工作而引发事故。
- 操控时,请先确认模型所有舵机的动作方向与操控方向一致。如果不一致,请调整好正确的方向。
- 当遥控距离较远时, 有发生失控的可能, 请适当缩短遥控距离。

#### PRODUCT INTRODUCTION产品信息

#### Background 产品背景

The Chevrolet Colorado is a pickup truck model produced by General Motors (GM). It was first introduced in 2004 to fill the gap in the small pickup truck market for GM.

The Chevrolet Colorado is highly competitive and has a strong market advantage among similar pickup trucks. From basic utility to luxury models, from two-seaters to four-seaters, and from two-wheel drive to four-wheel drive, there are corresponding models for consumers to choose from. Its advantages in performance and handling are evident, such as high load-bearing capacity, powerful engine, and excellent suspension system. In addition, the wide range of applications is also an advantage of the Chevrolet Colorado. It is not only suitable for personal use, such as off-road and transportation, but also widely used for commercial purposes, such as construction, logistics, and farming.

The Chevrolet Colorado is of great significance in the development of the automotive industry. It represents the development trend of the automotive industry, which focuses more on the intelligence, sustainability, and environmental friendliness of vehicles to meet the ever-changing market demands. In addition, the Chevrolet Colorado has also become a symbol of fashion and personalization, demonstrating consumers' continuous pursuit and innovation in life quality and personalized needs

雪佛兰科罗拉多(Chevrolet Colorado)是由美国通用汽车公司生产的皮卡车型,2004年首次推出,旨在填补通用汽车在小型皮卡市场上的空白。

雪佛兰科罗拉多在同类皮卡车里,具有很强的竞争力和市场优势。从基础工具型到豪华型,从双排座到四排座,从两驱到四驱,都有相应的车型供消费者选择。性能和操控优势明显,如高承载能力、强大的发动机、优越的悬挂系统等。此外,广泛的应用场景也是雪佛兰科罗拉多的优势,它不仅适用于个人用途,如越野和运输等,也广泛用于商业用途,如建筑、物流和农场等。

雪佛兰科罗拉多在汽车工业发展历程中具有重要的意义。它代表着汽车行业的发展趋势,即更加注重车辆的智能化、可持续性和环保性,以满足不断变化的市场需求。此外,雪佛兰科罗拉多也成为了一种时尚和个性化的标志,展示了消费者对生活品质和个性化需求的不断自求和创新。

#### About Model 产品介绍

Authorized by General Motors, the 1/24 Chevrolet Colorado remote control model from FMS accurately captures the performance and handling advantages of the prototype vehicle. The chassis is made of high-strength nylon and the mid-mounted power unit has a low center of gravity, integrating the 2-speed gearbox, transfer case, and 370 high-speed brushed motor into one. The power is transmitted to the front and rear axles through the universal joint drive shaft, and the large, hollow tires can provide good shock absorption effect. The two-speed gearbox switched by the third channel of the remote control can provide powerful torque and support high-speed off-road driving.

The RTR (Ready-to-Run) version contains everything you need - transmitter (requires battery), receiver, ESC, motor, servo, battery, and USB charger. There are three paint schemes to choose from. With your adventurous and free-spirited heart, embark on your off-road journey!

由通用汽车公司授权,FMS模型出品的这款遥控仿真模型车1/24 Chevrolet Colorado精确地捕捉了原型车的性能和操控优势。车架采用高强度尼龙一体成型,中置动力总成重心低,将2档变速机构、分动箱和370高速有刷电机整合为一体。动力通过万向节传动轴传输到前后两个车桥,中空的大尺寸轮胎可以提供良好的滤震效果,通过遥控器第3通道切换的两档变速箱,既能提供强大的扭矩,也能支持高速越野行驶。

RTR组装完成品包含你需要的一切——发射器(电池自备)、接收器、电调、电机、舵机、电池和USB充电器。有三款涂装可供模友选择。除了准备—颗渴望冒险的心,您无需再准备其它任何配件,即可开启越野之旅!

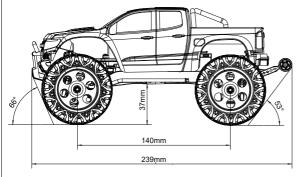
## PRODUCT INTRODUCTION 产品信息

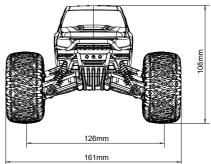
#### , Features 产品特点

- READY TO RUN MODEL
- TWO SPEED TRANSMISSION
- BALL BEARINGS FULL SET
- SILK SCREEN PRINTING PC BODY
- METAL GEARS STEERING SERVO
- FOUR WHEEL INDEPENDENT SUSPENSION
- RTR组装完成品
- 两档机械变速
- 全车滚珠轴承
- 丝印PC车壳
- 金属齿转向舵机
- 四轮独立悬挂

- FRONT & REAR AXLE PLANETARY GEAR DIFFERENTIALS
- RAPID SEPARATION CAR BODY
- PAINTED BODY
- ORIGINAL PERSONALIZED STICKERS
- 2.4GHz RADIO
- 前后轴行星齿差速器
- 车壳快拆结构
- 喷涂完成车壳
- 原创个性化贴纸
- 2.4GHz遥控控制

#### Specification 产品参数





- Length:239mm
- Width:161mm
- Height:108mm
- Wheelbase:140mm
- Tire F/R :D: 64.8mm . W: 33.4mm
- Minimum Ground Clearance: 37mm
- Approach Angle: 66°
- Departure Angle: 53 °

- Motor: 370 Brushed motor
- Servo: 13g metal servo x 1, 9g servo x 1
- Battery: 2S Lipo 7.4V 900mAh 25C
- Remote control distance: 80m
- Approx. operating duration time: 20mins
- Remote control: G3 V3+ R3B transmitter, receiver with

ESC group control board

- 车长: 239mm
- 车宽: 161mm
- 车高: 108mm
- 轴距: 140mm
- 轮胎: D: 64.8mm, W: 33.4mm
- 离地间隙: 37mm
- 接近角: 66°
- 离去角: 53°

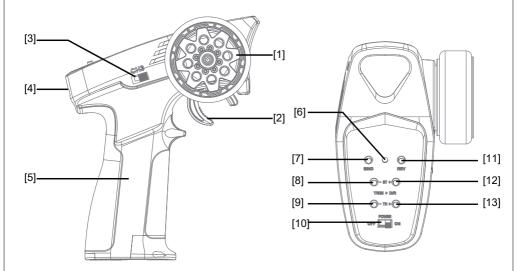
- 电机: 370有刷电机
- 舵机: 13g舵机 (金属) x 1, 9g舵机 x 1
- 电池: 2S Lipo 7.4V 900mAh 25C
- 遥控距离: 80m
- 续航: 20mins
- 遥控: G3 V3 + R3B 发射器,接收机/电调(二合一)

# Remote control introduction 遥控设备介绍

The product adopts the 2.4GHz AFHDS 2A-BS Automatic Frequency Hopping Digital System which consist of FMS-G3 transmitter and FMS-R3B receiver. It supports two-way transmission, featuring 3-channel and compatible with variety of car models.

本系统采用 2.4GHz AFHDS 2A-BS 协议,由 FMS-G3 发射机和 FMS-R3B接收机组成。支持双向传输、共输出 3 个通道、兼容多种车模型。

#### Transmitter instruction 发射机概览



- [1] Steering Wheel CH1 方向手轮 CH1
- [2] Throttle Trigger CH2 油门扳机 CH2
- [3] Three-position Switch CH3 三档开关 CH3
- [4] Lanyard Eye 挂绳孔
- [5] Handle (AAA\*4 batteries can be installed inside) 手柄( 内可安装 AAA\*4 电池)
- [6] LED 指示灯
- [7] BIND Button (Binding, turn on or off the car light or reset data)
  - BIND 按键 (对码) (对码、开启关闭车灯或数据复位)

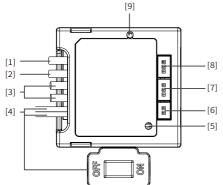
- [8] ST- Button (To decrease the trim and travel value of CH1) ST- 复位按键(减小 CH1 微调和舵量
- [9] TH- Button (To decrease the trim and travel value of CH2) TH- 复位按键(减小 CH2 微调和舵量)
- [10] Power Switch 电源开关
- [11] REV Button (To reverse the CH1 or CH2) REV 复位按键(控制 CH1 或 CH2 方向)
- [12] ST+ Button (To increase the trim and travel value of CH1) ST+ 复位按键(增加 CH1 微调和舵量)
- [13] TH+ Button (To increase the trim and travel value of CH2) TH+ 复位按键(增加 CH2 微调和舵量)

#### Remote control introduction 遥控设备介绍

The FMS-R3B, in compliance with the 2A-BS protocol, is a 2-in-1, 3-channel receiver with brushed ESC and LED light set. The receiver, equipped with a single external antenna, can output PWM signals and vehicle light control signals, and support 2-way transmission. It adopts auto-bind upon power-on and lightweight and compact design, and adaptation to model cars.

FMS-R3B 采用 2A-BS 协议,是一款集有刷电调和 LED灯组于一体的三通道二合一接收机。本接收机外置单天线,输出PWM 信号和车灯控制信号,支持双向传输,采用上电自动对码,设计小巧紧凑,可适配模型车使用。

#### Receiver Overview 接收机概览



- [1]] Motor Interface"-" [6] Car Light Interface [7] CH1 马达接口"-" 车灯接口 CH1
- [2] Motor Interface"+" [4] Power Switch Cable [8] CH3 马达接口"+" 电源开关线 CH3
- [3] Battery Interface [5] LED [9] Antenna 电池接口 指示灯 天线

Note: The spec of motor interface is a 3.5 mm bullet female connector. The battery interface uses an XT30 male connector. CH1 and CH3 interfaces use standard 1.25mm\*3Pin terminal blocks. The car light interface uses standard 1.25mm\*2Pin terminal blocks.

注: 马达接口为 3.5mm 子弹头母头接口; 电池接口为 XT30 公头接口; CH1 和 CH3 通道接口采用标准 1.25mm\*3Pin 端子座;车灯接口采用标准 1.25mm\*2Pin 端子座。

#### The LED Status of the Receiver 接收机指示灯

The LED status indicates the power supply state of the receiver and its working state.

Off: The receiver is not powered on.

Light on in red: The receiver is connected to the power supply. It works normally.

Fast flashing: The receiver is in the bind mode.

Slow flashing: The LED flashes slowly when the transmitter is powered off, unbound, or no signal.

接收机状态指示灯用于指示接收机的电源及工作状态。

灭:接收机电源未接通。

红灯常亮:接收机已连接电源,并正常工作。

快速闪烁:接收机处于对码状态中。

慢速闪烁:发射机未开机或未对码,无信号情况。

#### Interface <u>接口</u>

All the servos' interfaces and the car light interface are 1.25 mm standard pins, and the motor interface is PH2.0 female interface. They are for connecting the receiver to each terminal part of the model.

舵机接口和车灯接口均为 1.25 mm 的标准端子座,马达接口为 PH2.0 母座端子,用于连接接收机与模型的各个终端部件。

#### Antenna 接收机天线

It is an external antenna.

本接收机天线为外置单天线。



Do not pull the antenna of the receiver. Do not tie the antenna and the servo cable together. 不要拉扯接收机的天线,也不要将天线和舵机连接线绑在一起。



Do not put the antenna close to the metal materials, because this will affect the signal strength of the receiver. Keep the receiver's antenna at least 1cm away from conductive materials such as carbon or metal

接收机天线需远离导电材料,例如金属棒和碳纤物质。为避免影响正常工作,请确保接收机天线和导电材料之间至少有 1cm以上的距离

# Getting Started 使用前准备

#### Transmitter Antenna 发射机天线

The transmitter has a built-in antenna. When the transmitter starts to work, the antenna automatically operate, without additional operations.

本发射机天线为内置天线,发射机开始工作,天线自动工作,无需单独进行操作!

#### Receiver and Servo Installation 接收机与舵机安装

Make sure that the receiver is mounted in an appropriate location within the model, to ensure a stable signal,

#### Pay attention to the following when installing the receiver:

- 1. Make sure the receiver is not installed near ESCs or other sources of electrical noise.
- 2. Keep the receivers antenna away from conductive materials such as carbon or metal. To ensure normal function make sure there is a gap of at least 1cm between the antenna and the conductive material.

请结合相应模型的结构选择合适的位置安装接收机, 同时为了确保接收机的性能和遥控距离的稳定,并防止外界干扰,

#### 安装过程中请注意以下事项:

- 1.确保接收机安装在远离电机,电子调速器或电子噪声过多的区域。
- 2.接收机天线需远离导电材料,例如金属棒和碳纤物质。为了避免影响正常工作,请确保接收机和导电材料之间至少有1厘米以上的距离。

Caution

To prevent damage do not power on the receiver during installation. 准备过程中,请勿连接接收机电源,避免造成不必要的损失。

## Installing Transmitter Battery 发射机电池安装

Only use specified battery (X4 AAA batteries). 仅使用厂家指定的电池。

① Danger 危险 Do not open, disassemble, or attempt to repair the battery. 请勿打开、拆卸或自行维修电池。

Danger 危险

Do not crush/puncture the battery, or short the external contacts. 请勿挤压、刺穿或接触电池的金属端子。

Danger 危险 Do not expose to excessive heat or liquids. 请勿将电池置于高温环境或液体中。

Danger

Do not drop the battery or expose to strong shocks or vibrations.

6险

请注意防止电池跌落、碰撞或振动。

① Danger 危险 Always store the battery in a cool, dry place. 请将电池存放在干燥阴凉的环境中。

♪ Danger 危险 Do not use the battery if damaged. 如果电池损坏,请立即停止使用。

Battery Type: AAA

Follow the steps below to install the batteries:

- 1. Open the battery compartment cover.
- 2. Insert 4 AAA batteries with the correct polarity. Make sure it is connected with the correct polarity to avoid damage.
- 3. Replace battery compartment cover.

Low battery alarm: When the battery is lower than 4.2V, the transmitter will give a alarm with the LED flashing slowly.

# Getting Started 使用前准备

电池类型使用: AAA 电池 请按照以下步骤安装发射机电池:

- 1. 打开电池仓盖。
- 2. 将 4 颗电量充足的 AAA 电池装入电池仓内,注意正负极方向并确保电池上的金属端子与电池仓内的金属端子接触。
- 3.盖好电池仓盖。

低电量报警: 当电量低于 4.2V 时,发射机即发出声音报警同时 LED 慢闪

# Operation Guide 操作指引

#### 开机 Power-on

Follow the steps below to turn on the transmitter:

- 1. Check to make sure that the batteries are fully charged and installed correctly.
- 2. Toggle the Power Switch to the [ON] position, and the LED will be solid on.
- Connect the receiver to power.

Note: For safety always power on the transmitter before the receiver.

请按照以下步骤进行开机:

- 1.检查系统状态,确电池电量充足并正确安装;
- 2.将开关拨到 [ON] 位置, 指示灯常亮;
- 3.接收机通电。
- 注: 为保障模型及人员安全, 使用时请先打开发射机再给接收机通电



Caution Operate with caution in order to avoid damage or injury. 此时系统已启动,请谨慎操作,否则可能导致产品损坏或人员伤亡。

#### The LED Status of the Transmitter 指示灯

The LED status indicates the power supply state of the transmitter and its working state.

Fast flashing: The transmitter is in the bind mode. Off: The transmitter is not powered on.

Slow flashing: Low voltage alarm Gradual: The transmitter is in Sleep mode or in Idle alarm state.

Three-flash-one-off: The transmitter is in standby state, while the bound receiver is powered off, unbound, or nosignal.

发射机状态指示灯用干指示发射机的电源及工作状态。

灭: 发射机电源未接诵。 快速闪烁: 发射机处于对码状态中。

慢速闪烁: 低电压报警。 呼吸灯闪烁: 发射机处于休眠模式或闲置报警状态。

三闪一灭: 发射机处于待机状态, 但对码的接收机未开机、已关机或掉码。

#### Binding 对码

This receiver is designed to automatically enter the binding mode at power-on.

- The receiver enters the waiting-for-connection state upon power-on, waiting for the connection to the bound transmitter
- If the receiver does not connect the bound transmitter within 2S, it automatically enters the binding state. This state lasts for 10S.
- If the binding with the transmitter is successful, it enters the normal connection state, otherwise, it exits the binding state and returns to the waiting-for-connection state.

Note: In case of binding, the receiver LED flashes quickly. In case of waiting-for-connection, the receiver LED flashes slowly. In case of normal connection, the receiver LED is solid on.

The binding steps are as below.

- 1. First put the transmitter into bind mode (See the transmitter's user manual for instructions on how to activate bind mode.).
- 2. When the receiver is powered on and waits for 2 seconds, it will automatically enter the binding state if it is not
- 3. After the binding is successful, the LED indicator of the receiver is solid on.

Note: Set the transmitter to its binding state first, and then set the receiver to its binding state. If the binding is not finished within 10S, the LED of the receiver will enter its slow flashing state.

# Operation Guide 操作指引

本款接收机采用上电自动进入对码的方式设计:

- 接收机上电即进入等待连接状态, 等待与已对码的发射机建立通信;
- 若 2S 未与已对码的发射机建立通信,则自动进入对码状态,此状态持续 10 秒;
- 若与发射机对码成功, 即进入正常通信状态; 否则退出对码状态, 回到等待连接状态。
- 注:对码时,接收机 LED 灯快闪;等待连接时,接收机 LED 灯慢闪;正常通信时,接收机 LED 灯常亮。

#### 对码步骤如下:

- 1. 将发射机进入对码状态(发射机进入对码状态的方式可能不同,请根据发射机的使用说明书进行操作);
- 2. 接收机上电等待 2 秒没有连接将自动进入对码;
- 3. 对码成功后,接收机 LED 指示灯常亮;
- 注:对码时请先将发射机进入对码状态,再将接收机进入对码状态,若 10 秒内对码没有完成,接收机指示灯进入慢闪状态。

#### Stick Calibration 揺杆校准

This function is used to set the neutral position for throttle trigger and steering wheel.

Every transmitter is calibrated before leaving the factory, however if recalibration is required, please follow these steps:

- 1. Turn and hold the wheel clockwise to the max travel point and push the throttle forwards as far as possible, then turn on the transmitter. It will enter calibration mode. The buzzer sounds shortly in cycle for prompt.
- Turn the steering wheel to max and min travel point in clockwise and counterclockwise. Then push/pull the trigger to forward/backward as far as it will go. The wheel and trigger go back to the neutral position. Once calibration is fininshed by press the bind key to save and exit.
  - If the calibration is completed successfully, the transmitter will exit calibration mode by pressing BIND button, meanwhile the buzzer will prompt with one short beep, and afterwards, the transmitter is in standby mode with the LED in three-flash-one-off state.
  - If the calibration is failure, the transimitter can not exit the calibration mode by pressing BIND button.

用于方向手轮和油门扳机的中位角度修正。

发射机在出厂前已校准完成,如需要重新校准,请按照以下步骤执行。

- 将发射机手轮顺时针打到最大,前推油门扳机至最大,并将 POWER 键拨至 [ON] 位置,即进入摇杆校准模式(指示灯常亮),蜂鸣器 短响一声循环提示;
- 2.将手轮和扳机行程打到最大和最小后,回至中位位置。然后按 BIND 键保存并退出校准模式。
- 若校准成功按 BIND按键可退出校准模式,蜂鸣器短响一声循环提示,随后发射机进入待机模式(指示灯三闪一灭);
- 若校准未通过,按 BIND 按键无效,即不能退出校准模式。

#### Power Off 关机

Follow the steps below to turn off the system:

- 1. Disconnect the receiver power.
- 2. Toggle the transmitter's Power Switch to the OFF position.

请按照以下步骤关机:

- 1.断开接收机电源;
- 2.将 POWER 键拨到 [OFF] 位置, 使发射机关闭。



Make sure to disconnect the receiver power before turning off the transmitter. Failure to do so may lead to damage or serious injury.

关闭时,请务必先关闭接收机电源,再关闭发射机,否则可能导致模型损坏、人员受伤。

# System Functions 系统功能

#### Channel Description 通道说明

The transmitter outputs a total of 3 channels, the function assignment and settings are as follows. 该发射机共输出 3 个诵道,功能分配及设置如下:

Channel 通道	Assigned Control 已分配的控件	Function 功能
CH1	Steering Wheel 方向手轮	Steering (To make the model car to turn right or left.) 方向(控制车子左右转向。)
CH2	Throttle Trigger 油门扳机	Throttle (To control the model car to move forward or backward.) 油门(控制车子前后行驶。)
СНЗ	Three-position switch CH3 三档开关 CH3	Fast-/Median-/slow-position servo channel, to switch the speed positions of the model car. Toggle the control to switch between fast-position and slow-position. 快中懷档於机通道,切換车子速度档位。 拨动控件切换快档和慢档。

#### Brake function (default: without brake) ,factory setting with brake 刹车功能 (默认不带刹车)出厂设置带刹车。

Under normal power-on, quickly press the REV button twice within 1 second to enter the mode, and the green light will flash. Press the BIND button to cycle through with and without brake and then quickly press the REV button twice within 1 second to exit.

正常开机状态下, 1秒内快速按REV按键兩下进入模式,此时绿灯闪亮, 短按BIND按键循环切换带刹车和不带刹车功能,按一下选定,再快速按REV按键兩下退出模式。

#### Trims and travel of gear shift servo 换<u>档舵机微调/舵</u>量

Under normal power-on, quickly press the BIND button twice within 1 second to enter the mode, and the green light will flash. Press the corresponding button to adjust to the appropriate state, and then quickly press the BIND button twice within 1 second to exit.

ST+/-: Increases /decreases adjustment step

TH+/-: Increases /decreases servo travel

正常开机状态下,一秒内快速按BIND按键兩下进入模式,此时绿灯闪亮,短按下列按键调整至所需状态后,快速按BIND按键兩下退出模式。

ST-/+ 为换档舵机微调

TH-/+ 为换档舵机舵量

## ESC Drag Brake Force/Running Mode 电调拖刹力度与运行模式

ESC Drag Brake Force

The drag brake force of the ESC can be switched among 0, 50%, 75% and 100%, and by default, the drag brake force is 0.

**ESC Running Mode** 

The running mode can be set to Forward/Reverse/Brake mode or direct Forward/Reverse mode, and by default, the runningmode is direct Forward/Reverse mode.

When the running mode is set to Forward/Reverse/Brake mode, the maxmam brake force can be set to 50%, 60% or 100% through the transmitter.

Note: The drag brake force and running mode of the ESC can be set at the transmitter side bound with the receiver. For the details, refer to the transmitter manual.

电调拖刹力度

电调拖刹力度支持 0、50%、75% 和 100% 四个等级, 默认拖刹力度为 0。

电调运行模式

电调运行模式可设置为 [直接正反转]或 [正反转带刹车],默认模式为 [直接正反转]模式。

对于[正反转带刹车]模式,可在发射机端设置最大刹车力度,支持设置为50%、60%或100%。

注:电调拖刹力度与运行模式都需在与本接收机完成对码的发射机端设置,具体设置方式参考发射机说明书。

#### Channel Reverse 通道反向

To reverse the output direction of the channel.

- When the steering wheel is located in the maximum travel or minimum travel, press the REV button to reverse CH1.
   When you press once, it switches once.
- When the throttle trigger is at the maximum or minimum travel and the steering wheel is in the neutral position at the same time, press the REV button to reverse CH2. When you press once, it switches once. When the reverse action of the channel takes effect, the buzzer will sound shortly for prompt.

Note: Pay special attention on throttle channel reverse opration due to safety concern, as the model car will move in full speed when the trigger is at full throttle position!

该功能用于调整通道的动作方向。

- 方向手轮位于最大行程或最小行程时,按 REV 按键可使通道 1 反向,按一次切换一次;
- 油门扳机位于最大行程或最小行程时,同时方向手轮位于中位时,按REV按键可使通道2反向,按一次切换一次。通道反向动作生效时,蜂鸣器短响一声提示。

注:油门通道反向时,请注意安全(最大油门时车子会以全速运动)!

#### Trim Setting 微调

To adjust the trim value of the channel.

- When the steering wheel is in the neutral position, press the ST+/- button to adjust CH1 trim.
- When the throttle trigger is in the neutral position, press the TH+/- button to adjust CH2 trim.

ST+/TH+: Increase the trim value. ST-/TH-: Decrease the trim value. Trim range: -150 us – 150 us; The step is 5us; by default, it is 0.

When the trim setting action takes effect, the buzzer will sound shortly for prompt. If you press and hold it, the value remains changes continuously. The buzzer will sound twice for prompt when the trim is across the neutral position. And when it reaches the endpoint, the buzzer will sound long for prompt.

该功能用于调整通道微调。

- 当方向手轮位于中位时,按 ST+/- 按键,可调整通道 1 微调;
- 当油门扳机位于中位时,按 TH+/-按键,可调整通道 2 微调。

ST +/TH+:增大微调值, ST -/TH-:减少微调值,微调调节范围:-150us~150us,调节步进为 5us,默认为 0。 微调设置动作生效时,蜂鸣器短响一声提示,长按快速调节,微调过中位时,蜂鸣器响两声提示;到终点时长响一声提示。

#### D/R Setting 舵量调节

To adjust the travel range value of the channel.

- When the steering wheel is located in the maximum travel or minimum travel, press the ST+/- button to adjust CH1 travel value.
- When the throttle trigger is at the maximum or minimum travel, press the TH+/- button to adjust CH2 travel value. ST+/TH+: Increase the travel value. ST-/TH-: Decrease the travel value. Travel range: 0-120%, by default, it is 100%, the step is 5%.

When the travel setting action takes effect, the buzzer will sound shortly for prompt. If you press and hold it, the value remains changes continuously. The buzzer will sound long for prompt when reaching the endpoint.

该功能用于调整通道的舵量。

- 方向手轮位于最大行程或最小行程时, 按 ST+/- 按键, 可调节通道 1 舵量;
- 当油门扳机方向手轮位于最大行程或最小行程时时,按 TH+/-按键,可调节通道 2 舵量。

ST+/TH+: 增加舵量值, ST-/TH-: 减小舵量值, 调节范围: 0-120% (默认 100%), 步进为 5%。

舵量设置动作生效时,蜂鸣器短响一声提示,长按快速调节,舵量至终点时,蜂鸣器长响一声提示。

#### Failsafe Setting 失控保护

The failsafe function is used to protect the model and personnel when the receiver is out-of-control. The CH2 will be in brake mode when the receiver is out-of-control.

By default, and the receiver will keep outputting the last channel value in case of out-of-control.

• When the transimitter is in normal working state, press and hold the BIND button for 3S to start the failsafe function. The current channel value is set as the failsafe value. The buzzer will sound long for prompt after the setting is successful.

Note: When the transmitter binds with a receiver once more, the failsafe setting will restore to default setting 此功能用于当接收机无法正常收到发射机的信号不受控制时,保护模型和操作人员的安全。 失控后 CH2 通道进入刹车状态。该发射机默认未设置时接收机通道保持最后输出。

开机正常状态下,长按对码按键 3S 触发失控保护设置,将当下的通道值作为失控保护值。动作设置成功时,蜂鸣器长响一声提示。

注: 重新对码时恢复默认设置。

#### Reset Data 数据复位

To reset the function data.

• Press and hold the BIND button and REV button while powering on the transmitter, to reset the function data, and the buzzer will sound long for prompt.

Note: The failsafe setting, binding information and stick calibration will not be reset.

此功能用干将发射机功能参数恢复为默认值。

• 按住发射机的 BIND 键和 REV 键后,并将 POWER 键拨至 [ON] 位置,即恢复数据,蜂鸣器长响一声提示。

注: 失控保护设置、对码信息和摇杆校准数据不复位。

#### Idle Alarm 闲置报警

The transmitter will go into idle alarm state when there is no operation over 10 minutes.

When the transimitter is in idle alarm state, the transmitter LED is in gradual light state, the buzzer sounds twice
quickly in cycle for prompt. Operations of any control on the transmitter will cancel the alarm, as a result of the exit of
the idle alarm state.

当发射机未操作时间大于 10 分钟时, 即进入闲置报警状态。

• 在此状态下,发射机指示灯为呼吸灯闪烁状态,蜂鸣器循环快响两声提示;操作发射机上的任意控件将解除并退出闲置报警状态。

## Sleep Mode 休眠模式

When the transmitter has been in idle alarm state over 2 minutes, it will enter the sleep mode.

• In this mode, the transmitter LED is in gradual light state, the buzzer is off and the RF is off. The transmitter will enter low power consumption state, and no responsive in case of operations of any control. To exit the sleep mode, power off the transmitter and restart it.

当发射机处于闲置报警状态时间大于 2 分钟时, 即进入休眠模式。

 在此模式下,发射机指示灯为呼吸灯闪烁状态,蜂鸣器关闭,RF关闭,发射机将停止一切工作,进入低功耗休眠状态。此时操作任意 控件发射机都无响应。必须关闭电源重启发射机才能退出休眠模式。

#### Offline Prompt 离线提示

When the transmitter is in normal state, once it detects the bound receiver has turned off, or disconnected over 2S, the transmitter LED will be in three-flash-one-off state for prompt.

Note: When the transmitter received the information of the bound receiver again, it will exit the offline prompt state.

当发射机在正常工作状态下,检测到已对码的接收机未开机、已关机或掉码时间大于 2S 时,发射机指示灯三闪一灭提示。 注:若收到已对码的接收机回传信息后,即退出离线提示状态。

#### Low Voltage Alarm 低电压报警

When the transmitter voltage has lower than 4.2V, it will enter the low voltage alarm state.

• When the transimitter is in low voltage alarm state, the transimitter LED will be in gradual status and will sound shortly for prompt.the buzzer.

Note: The RF is off when the batteries voltage is lower than 3.5V for the model's and the system's safety.

当发射机电池电压低于 4.2V 时, 即讲入低电压报警状态。

• 在此状态下, 发射机指示灯为慢闪状态, 蜂鸣器短响一声循环提示。

注: 为保护系统和模型的安全, 电池电压低于 3.5V 时, 无线系统将停止工作。

## FMS-R3A Function Instructions FMS-R3A 功能说明

#### Attentions 注意

- · Make sure the product is installed and calibrated correctly, failure to do so may result in serious injury.
- Make sure the receiver's battery is disconnected before turning off the transmitter, failure to do so can result out of control. Unreasonable setting of the Failsafe may cause accidents.
- Make sure the receiver is mounted away from motors, electronic speed controllers or any device that emits excessive electrical noise.
- · Keep the receiver's antenna at least 1cm away from conductive materials such as carbon or metal.
- Do not power on the receiver during the setup process to prevent loss of control.
- 使用前必须确保本产品与模型安装正确,否则可能导致模型发生严重损坏。
- 关闭时,请务必先关闭接收机电源,然后关闭发射机。如果关闭发射机电源时,接收机仍然在工作,将会导致遥控设备失控。失控保护设置不合理可能引起事故。
- 确保接收机安装在远离电机或电子噪声过多的区域。
- 接收机天线需远离导电材料,例如金属棒和碳物质。为了避免影响正常工作,请确保接收机天线和导电材料之间至少有1厘米以上的距离。
- 准备过程中,请勿连接接收机电源,避免造成不必要的损失。

#### Protect Function 保护功能

The receiver supports the low voltage protection function.

Low Voltage Protection: The receiver will enter the low voltage protection state in case of detecting low voltage, all
channels won't output, and the car light will flash slowly for prompt.

The receiver supports the overheating protection and the blocking protection function.

- Overheating Protection: The receiver will enter the overheating protection state in case of the high internal temperature of the ESC, the CH2 motor channel won't output, but the other channels will output normally. The CH2 motor channel will output normally when the temperature is normal.
- Blocking Protection: When the external motor is blocked, it enters the blocking protection state, to protect the ESC and the motor.

本接收机具有电池电压过低保护功能。

• 电压过低保护: 当检测到电池电压过低时, 所有通道无输出, 车灯慢闪提示。

本接收机电调具有过热保护和堵转保护功能。

- 过热保护: 当检测到整机温度过高时, CH2 马达无输出, CH1 和 CH3 正常输出; 当温度正常后, 通道恢复输出。
- 堵转保护: 当外部马达堵转时, 讲入堵转保护状态, 用干保护电调和马达。

#### Car Light Control 车灯控制方式

When the receiver and the transmitter has connected normally, press the BIND button of the transmitter to turn on or turn off the car light. By default, the car light is off.

在发射机与接收机正常通信状态下,短按发射机 BIND 按键开或关闭车灯。默认为关闭状态。

## FMS-R3A Function Instructions FMS-R3A 功能说明

#### Failsafe 失控保护

The failsafe function is used to protect the model and personnel when the receiver is out-of-control. The CH2 channel will enter the brake state when the receiver is out-of □control. By default, the CH1 and CH3 channels are not set, and these two channels will maintain the last output in case of out-of-control. You can set the failsafe value for CH1 and CH3 channels at the transmitter side.

此功能用于当接收机无法正常收到发射机的信号不受控制时,保护模型和操作人员的安全。

失控后 CH2 通道进入刹车状态;CH1、CH3通道默认为未设置,未设置时保持最后输出。可在发射机端设置 CH1、CH3 通道失控保护值。

# **G3 Specifications**

## Transmitter Specifications 发射机规格

Product Model: FMS-G3

· Compatible Receivers: FMS-R3B

· Compatible Models: 1/24 simulation cars or climbing cars

· Number of Channels: 3

RF: 2.4GHz ISM

• Maximum Power: < 20dBm (e.i.r.p.) (EU)

2.4G Protocol: AFHDS 2A-BS

· Resolution: 1024

• Input Power: 6V DC or 1.5AAA\*4

• Working Current: 10mA (Static) ; 120mA/6V (Dynamic)

· Charging Port: No

• 产品型号: FMS-G3 • 适配接收机: FMS-R3B

• 话配模型: 1/24 仿真或攀爬准模型车

• 通道个数: 3

• 无线频率: 2.4GHz ISM • 发射功率: < 20dBm • 无线协议: AFHDS 2A-BS

• 通道分辨率: 1024 级

• 输入电源: 6V DC 或 1.5AAA\*4

• 工作电流: 10mA (静态); 120mA/6V (动态)

• 充电接口: 无

• Low Voltage Alarm: < 4.2V

· Antenna: Built-in single antenna

· Data Port: No

• Temperature Range: -10 °C ~ +60 °C

Humidity Range: 20% ~ 95%

· Online Update: No

· Color: Blue

• Dimensions: 115.2\*75.5\*145mm

· Weight: About 113g

Certification: CE, FCC ID: 2A2UNG300

• 低电压报警: < 4.2V • 天线类型: 内置单天线

• 数据接口: 无

• 温度范围: -10℃~+60℃

• 湿度范围: 20%~95%

• 在线更新: 无

• 发射机颜色: 蓝色

• 外形尺寸: 115.2\*75.5\*145mm • 认证: CE. FCC ID: 2A2UNG300

• 机身重量: 113g 左右

#### Receiver Specifications

接收机规格

Product Name: FMS-R3B

Applicable Transmitters: FMS-G3

• Model Type: 1/24 High-speed Model Cars Applicable Motors: 370Brushed Motor

Number of Channels: 3

· Number of Light Interfaces: 1

• RF: 2 4GHz ISM

· Antenna: Single External Antenna · Input Power: 2S Lithium Battery

2.4G Protocol: 2A-BS

• BEC Output: 5V/1A

Continuous / Peak Current: 20A/80A

· Data Output: PWM

• Temperature Range: -10 ℃ ~ +60 ℃

• Humidity Range: 20% ~ 95%

Waterproof: PPX4

· Online Update: No

• Dimensions: 33.0\*31.7\*15.0mm

· Weight: 21a

Certifications: CE. FCC ID: 2A2UNR3B00

## G3 Specifications G3 产品规格

・产品型号: FMS-R3B・适配发射机: FMS-G3・适合模型: 1/24 高速模型车・适配电机: 370 有刷电机

通道个数: 3车灯组数: 1

无线频率: 2.4GHz ISM无线协议: 2A-BS天线类型: 外置单天线输入电源: 2S 锂电池

BEC 输出: 5V/1A持续 / 峰值电流: 20A/80A

数据输出: PWM

• 温度范围: -10℃ ~ +60℃
• 湿度范围: 20% ~ 95%
• 防水等级: PPX4
• 在线更新: 无

• 外形尺寸: 33.0\*31.7\*15.0mm

• 机身重量: 21g

• 认证: CE, FCC ID: 2A2UNR3B00

## VEHICLE SETUP 车辆设置

## Connecting the battery 连接电池

Step 1: With the bottom of the vehicle facing up, release the two buckles (opened inward) at rear shell indicated by the arrows to separate the rear car shell from the chassis. Remove the shell by pushing it forward and up.

Step 2: Place the battery in the battery compartment on the frame and fix it with the attached silicone tape. Connect the battery plug to the female end of receiver/ESC (2-in-1) unit.

Step 3: Snap the tab at the front end of car shell as shown. And then lock the two buckles at rear to fix the car shell in place

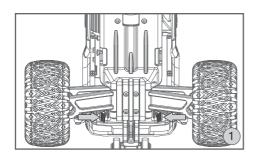
Caution: Do not crush or damage the wiring when attaching the car shell to the chassis.

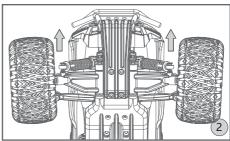
步骤1:如图1、图2所示,翻转模型车使之底部朝上,将箭头所示的车尾的两个卡扣分别向内掰打开,分离后车壳与车架;再将车壳向前向上方推开,以移除车壳。

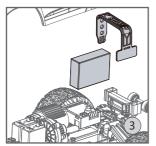
步骤2: 如图3、图4所示, 在电池仓位置放入电池, 并使用所附硅胶轧带固定; 连接电池插头至接收机/电调二合一装置的母头。

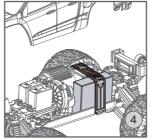
步骤3: 如图5所示,卡住车壳前端的拉片,再锁紧后端的两个卡扣,将车壳固定至车架。

注意: 固锁车壳时切勿挤压电线。











Battery compartment size: 35x35x13mm 电池仓尺寸: 35x35x13mm

## VEHICLE SETUP 车辆设置

#### NOTE

- 1. If it is not in use for a long time, unplug and take off the battery to prevent battery leakage.
- 2. Do not open, disassemble, or attempt to repair the battery.
- The battery needs to be disconnected from vehicle before it can be charged
- 4. Do not charge battery in vehicle.

#### 注意:

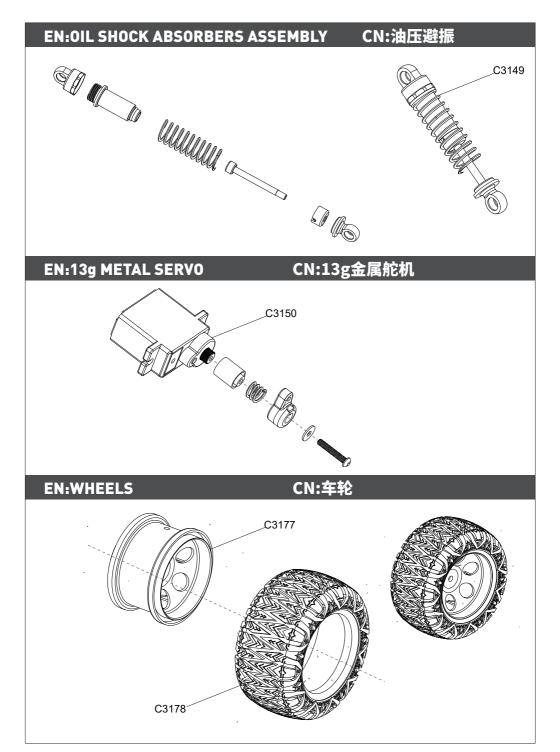
- 1、如果长时间不用,请拔下电池,以防电池损坏。
- 2、不要打开、拆解或试图维修电池。
- 3、在给电池充电之前,需要先断开电池与车辆的连接。
- 4. 请勿在车内给电池充电。

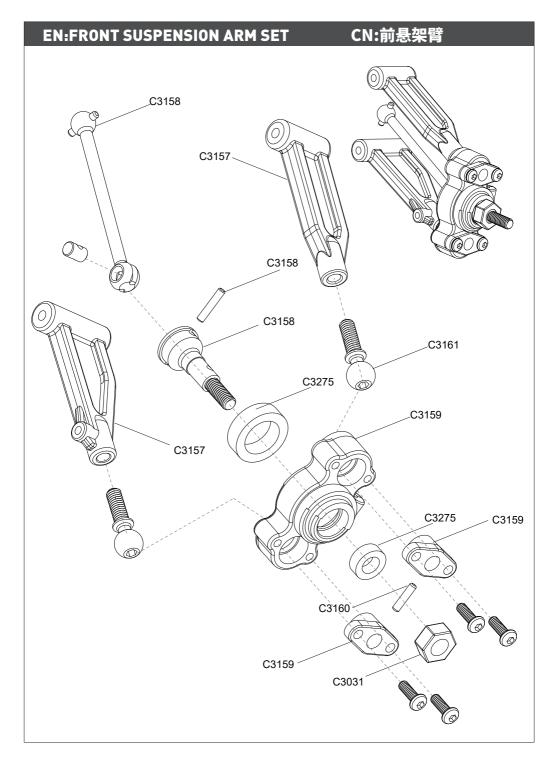
#### Battery Precautions 电池注意事项

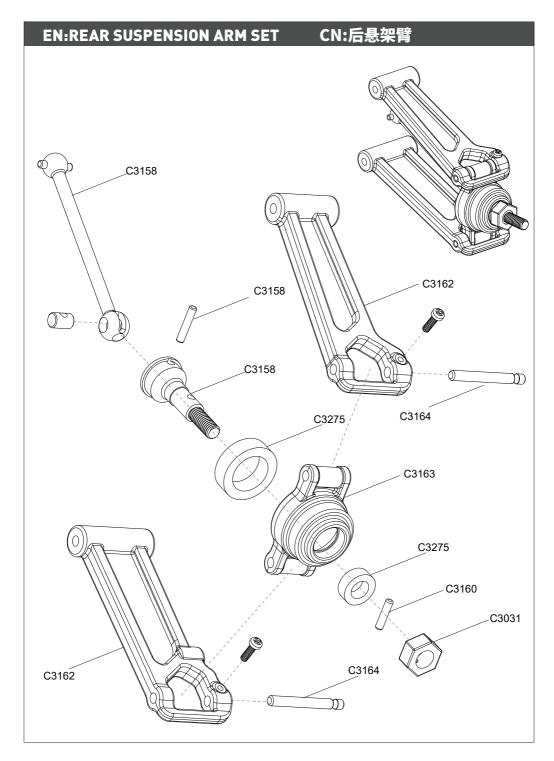
- Never charge a lithium polymer battery with a charger designed for Nicd, NIMH, or any other type of battery chemistry. Use ONLY charger designed for LiPo battery.
- · Do not leave LiPo battery unattended during charging.
- · Do not overcharge the battery.
- Always charge LiPo batteries on non-flammable, heat-resistant surfaces.
- Always use a LiPo-safe bag or container while charging. Do not allow LiPo cells to overheat at any time. Cells which reach greater than 140 Fahrenheit(60 C) will usually become damaged and will catch fire.
- Do not charge the LiPo pack while it is still in the model. Never charge or store battery packs in a vehicle.
- Do not discharge LiPo, doing so will damage the battery.
- Do not expose LiPo cell to water or moisture at any time.
- Do not store battery near open flame or heater.
- Do not assemble LiPo cells or pre-assembled packs together with other LiPo cells or packs.
- · Always store LiPo battery in a secure location away from children.
- · Always remove the LiPo battery if model is involved in any kind of crash.
- Carefully inspect the battery and connectors for even the smallest damage.
- CAUTION: Cells may become hot after usage. Allow the pack to cool to room temperature prior to recharging.
- Do not allow the electrolyte to get into eyes or on skin. Wash affected areas immediately if they come into contact with electrolyte.
- Do not alter or modify connectors or wires of a LiPo battery pack.
- Always inspect the condition of the battery before charging and operating.
- · Do not short circuit the LiPo battery.
- Do not have contact with a leaky/damaged battery directly.
- Do not charge battery out of recommended temperature range (0 °C -45 °C ).
- 不要使用Nicd、NIMH或任何其他类型的充电器给LIPO锂聚合物电池充电。请使用LIPO锂聚合物的专用充电器给LIPO锂聚合物电池充电
- 请勿在无人看管的情况下充电。
- 电池请勿讨充。
- 请勿将电池放置在易燃、不耐热的表面上充电。
- 总是使用安全袋或安全容器给电池充电。保证电池在任何时候都不过热。电池温度超过140华氏度(60℃)则易造成损坏,甚至引发 火灾。
- 请勿将电池长期置于模型产品内,更勿在模型产品内直接充电。
- 请勿给电池放电,以免损坏电池。
- 任何时候请勿将电池暴露在水或湿气之中。
- 请勿在明火或加热器附近储放电池。
- 请勿与其他未组装或预组装的电池混用。
- 需将电池存放在远离儿童的安全位置。
- 模型如出现任何碰撞,需立刻拆除电池。
- 即使出现微小的损坏,也需仔细检查电池和连接器。
- 注意: 使用后电池可能会发热,需让电池冷却到室温后再进行充电。
- •请勿让电解液接触眼睛或皮肤。如电解液不慎接触到身体的任何部位,请立即进行清洗。
- 请勿替换或修改电池组的连接器或电线。
- 在进行充电或其他任何操作之前需检查电池的状况。
- 请勿造成电池短路。
- 请勿直接接触已泄漏或已损坏的电池。
- •请勿超出建议温度范围充电电池(0度-45度)。

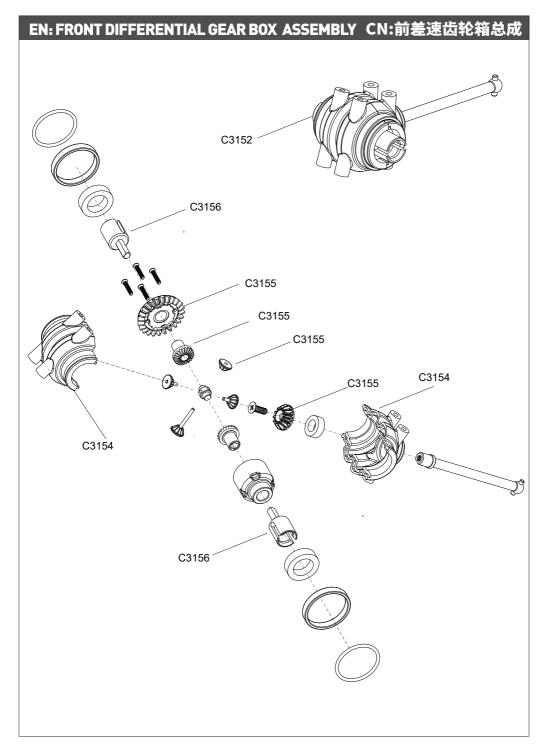
# Spare parts list 配件列表

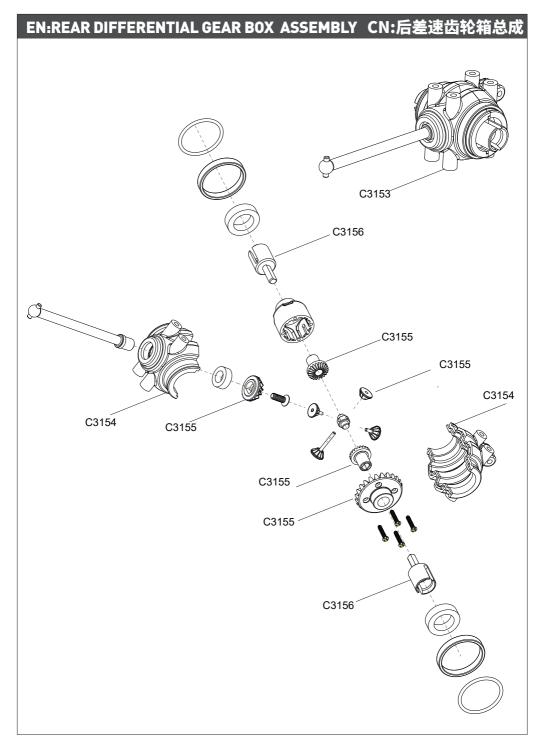
<u> </u>	are parts list and this	
C3138	Car body assembly(WH)	车壳成品 白
C3139	Car body assembly(BK)	车壳成品 黑
C3140	Car body assembly(BU	车壳成品 蓝
C3141	Clear car body	透明PC吸塑车壳
C3142	Decal sheet(WH)	贴纸白
C3143	Decal sheet(BK)	贴纸 黑
C3144	Decal sheet(BU)	贴纸 蓝
C3145	Bumper and backplate set	防撞及护板
C3146	Exhaustion plate	面罩
C3147	Anti-roll bar	防滚架
C3148	Boby mount	车壳固定件
C3149	Oil shock absorbers assembly 1pair	避震器总成一对
C3150	13g metal servo for steering / transmission gear box	13克金属舵机 (转向或变档)
C3151	Sevro saver	舵机保护器
C3152	Front differential gear box assembly	前差速齿轮箱总成
C3153	Rear differential gear box assembly	后差速齿轮箱总成
C3154	Front/rear differential gear box housing	差速齿轮箱外壳
C3155	Differential gear	差速齿
C3156	Drive cup	驱动杯
C3157	Front suspension arm set	前搖臂
C3158	Front/rear outdrive shaft assembly	前/后轮传动轴总成
C3159	Front steering block composite	前转方座
C3160	Wheel pin	轮轴针
C3031	Wheel hex adpator	六角接合件
C3161	Ball head screw	球头螺丝
C3162	Rear suspension arm set	后搖臂
C3163	Rear wheel bracket	后轮座
C3164	Suspension arm pin	摇臂销计
C3165	M3 screw nut anti- slip	M3防滑螺母
C3166	Steering linkage set	转向连杆组
C3167	Wheelie bar set	抬头轮组
C3168	Oil shock absorbers tower	避震支架
C3169	Chassis plate	底板
C3170	Upper tower set	底板压件
C3171	Transmission gear box brushed version	有刷版变速箱总成
C3172	Transmission gear box brushless version	无刷版变速箱总成
C3173	Transmission gear	变速箱齿轮
C3174	Brushless motor 4500KV	无刷电机 4500KV
C3175	370 Brushed motor 22000RPM	370有刷电机22000RPM
C3176	Pinion gear	电机齿轮
C3177	Wheels 1pair	轮钴 一对
C3178	Tyre 1pair	轮胎
C2051	USB 2S LiPo charger cable	USB 平衡充电器 7.4V 1000mA
C2267	USB 2S LiPo quick charger cable	USB 平衡充电器 7.4V 2000mA
C3179	Lipo battery 7.4V 900mAh 25C XT30	电池7.4V 900mAh 25C XT30
C3180	R3B esc/rx combo brushless version	R3B 发射器/电调接收器无刷版
C3181	G3 transmitter V3	G3 发射器
C3182	G3 + R3B transmitter receiver set brushless version	G3 + R3B 发射器/电调接收器无刷版
C3183	G3 + R3A1 transmitter receiver set brushed version	G3 + R3A1 发射器/电调接收器有刷版
C3184	R3A1 ESC/RX combo brushed version	R3A1 发射器/电调接收器有刷版
C3275	Bearing set	五金轴承

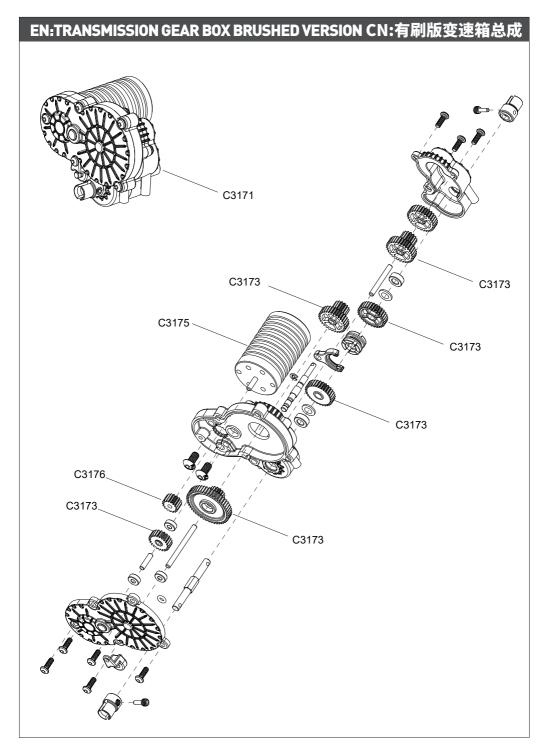


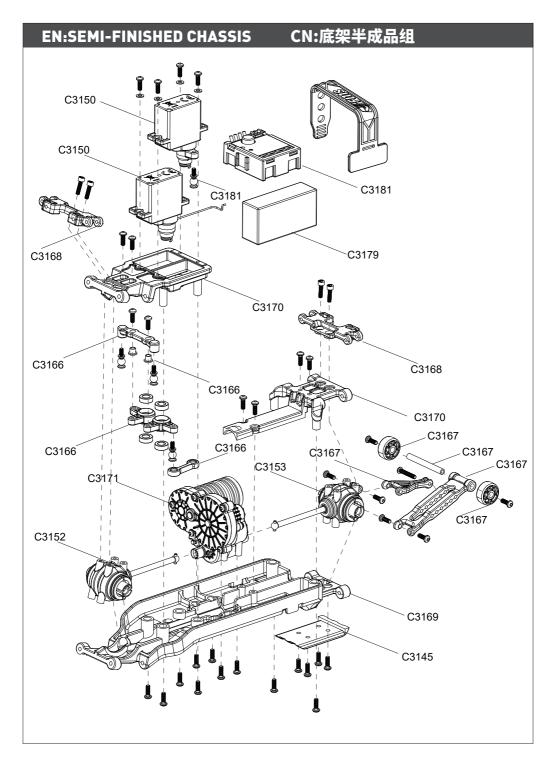




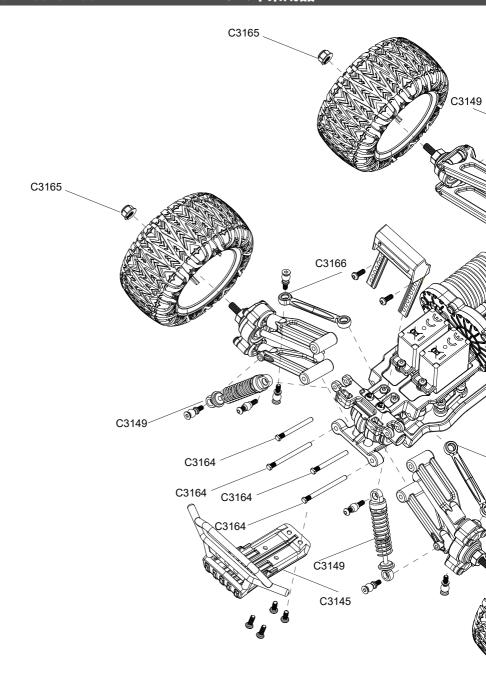


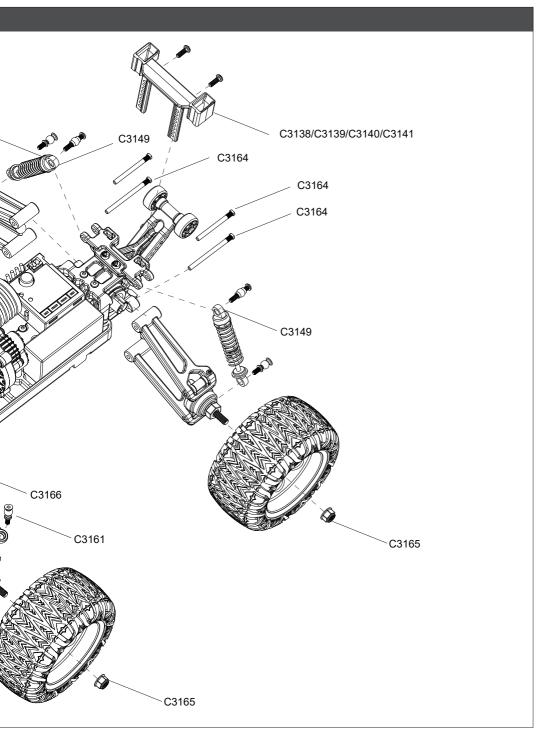


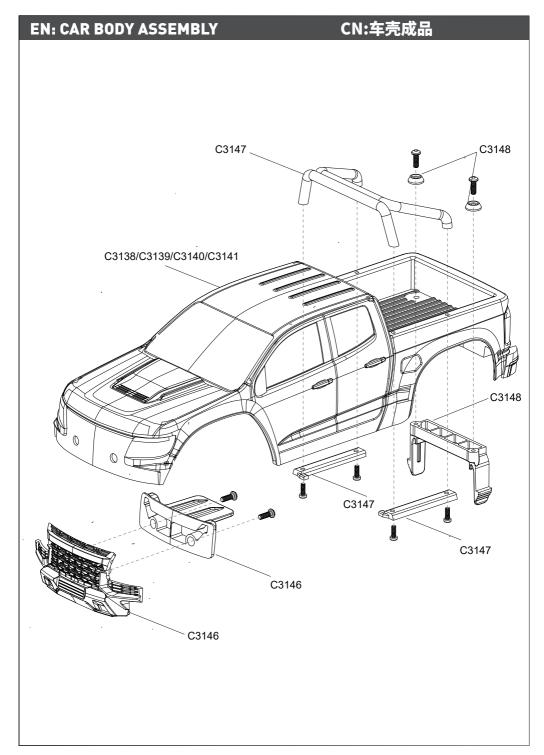


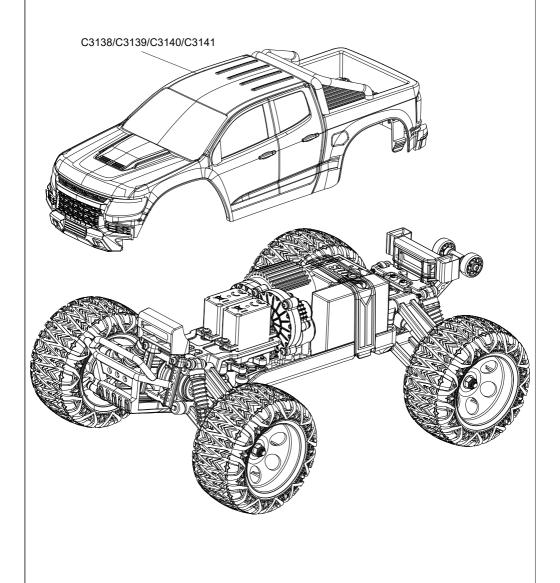


# CN:车架成品









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