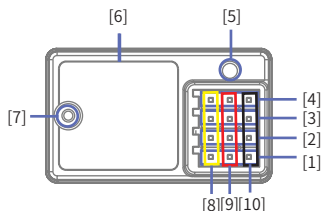


## 产品介绍 Introduction

FS-R4B 采用 ANT 协议，外置单天线，可输出 PWM 信号能够实现单向传输，采用自动对码，设计小巧紧凑，可适配多种车、船使用。

FS-R4B based on ANT protocol, It has an external single antenna, can output PWM signal, it also can implement one-way transmission, adopts automatic binding, and has a compact design, which can be adapted to various Car and Boat models.

## 接收机概览 Receiver overview



- [1] CH1
- [2] CH2
- [3] CH3
- [4] CH4
- [5] LED

- [6] 贴纸 (Sticker)
- [7] 天线 (Antenna)
- [8] S (信号脚 /Signal Pin)
- [9] + (电源正极 /Positive power terminal)
- [10] - (电源地 /Power ground)

## 产品规格 Product specification

- 产品型号: FS-R4B
- 适配发射机: FS-MG4、FS-G4P
- 适配模型: 车、船等
- 通道个数: 4
- 无线频率: 2.4GHz ISM
- 无线协议: ANT (蚂蚁版自动跳频数字系统)
- 天线类型: 单天线
- 工作电压: 3.5-8.4V
- 数据输出: PWM
- 温度范围: -10°C ~+60°C
- 湿度范围: 20%~95%
- 防水等级: PPX4
- 固件更新: 不支持
- 外形尺寸: 30.2mm\*18.0mm\*13.0mm
- 机身重量: 5g
- 认证: CE, FCC

- Product Model: FS-R4B
- Adaptive transmitter: FS-MG4、FS-G4P
- Adaptive RC Models: Car、Boat, ect
- Number of Channels: 4
- RF: 2.4GHz ISM
- RF Protocol: ANT
- Antenna: Single Antenna
- Operating Voltage: 3.5-8.4V
- Data Output: PWM
- Temperature Range: -10°C ~+60°C
- Humidity Range: 20%~95%
- Waterproof: PPX4
- Firmware Update: Not Supported
- Dimensions: 30.2mm\*18.0mm\*13.0mm
- Weight: 5g
- Certification: CE, FCC

## 对码 Binding

本款接收机上电即自动进入对码状态。

1. 将发射机按住对码键开机进入对码状态，此时 G.LED 快闪，松开“BIND”键；

2. 接收机上电等待 1 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 10s 内对码没有完成，接收机指示灯进入慢闪状态。

The receiver automatically enters the binding state once it is powered on.

1. Press the BIND key to turn on the transmitter and allow it to enter its binding state. Here, G.LED flashes quickly, and operator releases the BIND key.

2. When the receiver is powered on and waits for 1 second, it will automatically enter the binding state if it is not connected;

3. After the binding is successful, the LED indicator of the receiver is always on.

Notes: Set the transmitter to its binding state first, and then set the receiver to its binding state. If the binding is not completed within 10s, the indicator light of the receiver will enter its slow flashing state.

## 失控保护 Failsafe

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。该接收机默认为进入失控后接收机无信号输出，如若在发射机上进行设置，则按照设置值输出。

This function protects the user by preventing the model from behaving unexpectedly if signal is lost. The receiver defaults to have no signal output after it is out of control. If you set it on the transmitter, it will output according to the set value.

### ► 注意事项:

- 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。
- 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。
- 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。

### ► Attention:

- 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 may lead to unintended operation or loss of control.
- 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.

## 认证相关 Certification

## FCC Compliance 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, [ShenZhen FLYSKY Technology Co., Ltd.] declares that the Radio Equipment FS-R4B is in compliance with RED 2014/53/EU.

The full text of the EU DoC is available at the following internet address: [www.flyskytech.com/info\\_detail/10.html](http://www.flyskytech.com/info_detail/10.html)

## 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 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## 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.



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Website



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