

产品介绍 Introduction

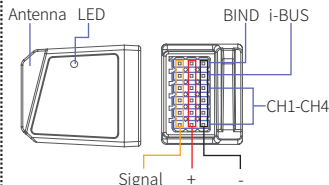
FGr4S 采用 AFHDS 3（第三代自动跳频数字系统），内置单天线双向传输，它的设计小巧，便于安装。可输出标准 PWM、i-BUS、S.BUS 和 PPM 信号。

The FGr4S uses AFHDS 3 (Third Generation Automatic Frequency Hopping Digital System). It uses a internal single antenna with two-way transmission capabilities and is designed to be compact and easy to install. It can output standard PWM, i-BUS, S.BUS and PPM.

接收机概览 Receiver Overview

接收机接口示意图：

Receiver interface diagram:



CH1-CH4: 连接舵机、电源或其他各部件。

i-BUS: 扩展通道。

BIND: 连接对码线。

CH1-CH4: Connects the servos, power supply or other components.

i-BUS: For channel expansion.

BIND: For binding cable.

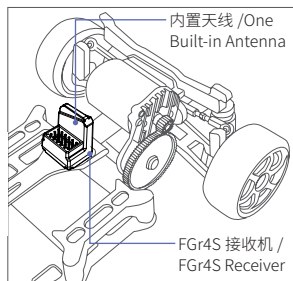
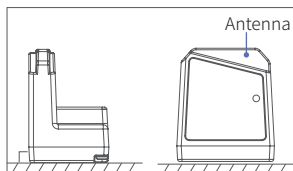
接收机安装说明

本款接收机为内置天线，为保证信号强度，以免影响遥控距离，安装接收机时，需注意以下事项：

- 接收机天线须与模型机身保持垂直（如图所示）！
- 建议将接收机安装在模型机身位置较高的水平面上，且四周无金属遮挡。

The receiver has two built-in antennas. In order to ensure the signal strength and avoid the remote control distance affected, when installing the receiver, you need to pay attention to the followings:

- The receiver antenna must be kept perpendicular to the model body (as shown in the picture)!
- It is recommended to install the receiver on a high level surface of the model body without metal obstructions around the receiver.



! 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，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 lead to lose 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.

对码 Binding

1. 将对码线插入 BIND 接口；
 2. 将电源线插入其他任意接口，接收机指示灯快闪表示进入对码状态；
 3. 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）
 4. 当接收机指示灯变为慢闪时，将对码线和电源线从接收机上取下；
 - 如果发射机是双向，则接收机指示灯无慢闪状态。
 5. 将电源线重新连接至接收机，接收机指示灯常亮表示对码成功；
 6. 检查发射机、接收机是否正常工作。如需重新对码，请重复以上步骤重新对码。
1. Insert the binding cable into the BIND interface of the receiver.
 2. Plug the power cable into any other port, and the receiver's LED will start to flash quickly indicating that it has entered binding mode.
 3. Put the transmitter into binding mode. (See the transmitter's instruction manual for more information)
 4. Binding is successful when the receiver's LED starts to flash slowly. Remove the power and binding cables from the receiver.
 - If the transmitter is set to bidirectional communication, the receiver LED will not flash slowly.
 5. Reconnect the power cable to the receiver.
 6. Check to make sure that the transmitter and receiver are working as expected, if there are any issues or unexpected operation, follow the steps above to bind again.

产品规格 Product Specifications

- 产品型号: FGr4S
 - PWM 通道: 4
 - 适用机型: 车、船
 - 数据输出: PWM/PPM/i-BUS/S.BUS
 - 频率范围: 2.402-2.480GHz
 - 发射功率: <20dBm (EU)
 - 无线协议: AFHDS 3
 - 天线类型: 内置天线
 - 通道分辨率: 4096
 - 输入电源: 3.5V ~ 8.4V
 - 工作电流: 25mA/5V
 - 显示方式: LED 指示
 - 在线更新: 是
 - 外形尺寸: 25.5*22*17.3 mm
 - 机身重量: 5.1g
 - 安规认证: CE, FCC ID: N4ZFGRS400
- Product Model: FGr4S
 - PWM Channels: 4
 - Model Type: Car, Boat
 - Data Output: PWM/PPM/i-BUS/S.BUS
 - Frequency Range: 2.402-2.480GHz
 - Transmission Power: <20dBm(EU)
 - RF Standard: AFHDS 3
 - Antenna: Built-in Antenna
 - Resolution: 4096
 - Input Power: 3.5V ~ 8.4V
 - Working Current: 25mA/5V
 - Display: LED Indicator
 - Online Update: Yes
 - Dimensions: 25.5*22*17.3 mm
 - Weight: 5.1g
 - Certifications: CE, FCC ID: N4ZFGRS400

认证相关 Certifications

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, [Flysky Technology Co., Ltd.] declares that the Radio Equipment [FGr4S] 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

RF Exposure Compliance

This equipment complies with FCC/ISED RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 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.



微信公众号



Bilibili



Website



Facebook



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