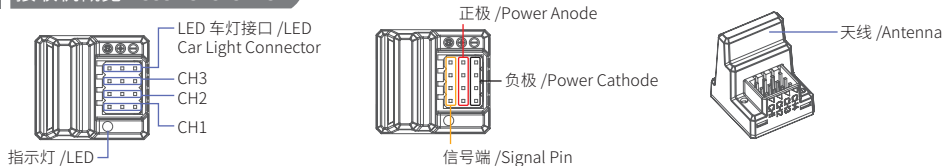


产品介绍 Introduction

FS-FMS-R4P1-BS 是一款采用 2A-BS 协议的 3 通道单向接收机。本款接收机内置天线, PPX4 级防水, 设计小巧紧凑, 通电自动对码, 输出 PWM 信号和车灯控制信号, 可适配多种模型车使用。

FS-FMS-R4P1-BS based on 2A-BS protocol is a 3-channel receiver with one-way transmission, featuring a built-in antenna, PPX4 waterproof and a compact design. The receiver will enter the binding state once it is powered on, outputting PWM signal and car light control signal. It can be adapted to a variety of car models.

接收机概览 Receiver Overview



产品规格 Product Specifications

- 产品型号: FS-FMS-R4P1-BS
- 适配发射机: FS-FMS-G4P-BS、FS-FMS-MG4-BS、FS-FMS-MG6-BS
- 适配模型: 车
- PWM 通道数: 3
- 无线频率: 2.4GHz ISM
- 无线协议: 2A-BS
- 天线类型: 内置单天线
- 遥控距离: > 150 米 (空旷无干扰地面距离)
- 车灯组数: 6 (LED 车灯接口连接 DB01 车灯驱动板)
- 工作电压: 3.5 ~ 8.4V/DC
- 数据输出: PWM
- 温度范围: -10°C ~ +60°C
- 湿度范围: 20% ~ 95%
- 防水等级: PPX4
- 在线更新: 无
- 外形尺寸: 22.6*20.6*25.5mm
- 机身重量: 6g
- 认证: CE, FCC

- Product Model: FS-FMS-R4P1-BS
- Compatible Transmitters: FS-FMS-G4P-BS, FS-FMS-MG4-BS, FS-FMS-MG6-BS
- Compatible Model: Cars
- Number of PWM Channels: 3
- RF: 2.4GHz ISM
- RF Protocol: 2A-BS
- Antenna: One built-in antenna
- Distance: More than 150m (Ground distance without interference)
- Number of Car Light Connectors: 6 (DB01 Car light control board connects to the LED car light connector)
- Operating Voltage: 3.5 ~ 8.4V/DC
- Data Output: PWM
- Temperature Range: -10°C ~ +60°C
- Humidity Range: 20% ~ 95%
- Waterproof: PPX4
- Online Update: None
- Dimensions: 22.6*20.6*25.5mm
- Weight: 6g
- Certifications: CE, FCC

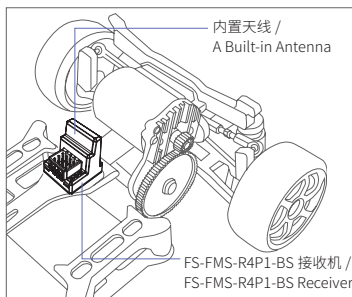
安装说明 Installation

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, 请注意以下事项:

- 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 a built-in antenna. 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.



对码 Binding

本款接收机上电即自动进入对码状态。

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 1 秒没有连接将自动进入对码;
3. 接收机 LED 灯常亮, 即对码成功 (发射机对码成功后自动退出对码状态) ;
4. 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。

对码 Binding

注:

1. 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;
2. 因本款接收机仅支持单向对码, 若对码的发射机支持单双向模式切换, 请先在发射机端设置为单向模式后再开始对码。

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

1. First put the transmitter into binding mode (See the transmitter's user manual for instructions on how to activate binding mode).
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. The receiver LED is solid on after the binding is successful (The transmitter automatically exits the binding state after the successful binding).
4. Verify that the transmitter and receiver are working properly. If you need to re-bind, repeat the above steps.

Notes:

1. 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.
2. Because this receiver only supports one-way binding, if the binding transmitter supports one-way and two-way mode binding, please set the one-way mode at the transmitter side before starting the binding.

车灯控制 Car Light Control

本接收机 LED 车灯接口连接 DB01 车灯驱动板后, 即可输出 6 组车灯控制信号。

车灯工作方式由发射机相应控件控制, 如下所述 (具体参考发射机说明书资料)。

- 左转向灯 / 右转向灯: 逆 / 顺时针打手轮开启左转向灯或右转向灯, 车灯状态慢闪。
- 日行灯 / 前大灯: 通过发射机相应控件开启或关闭日行灯 / 前大灯。
- 刹车灯 / 倒车灯: 前推发射机油门扳机开启刹车灯或倒车灯。

注:

1. 接收机开机后, 所有车灯常亮一秒后灭;
2. 方向通道 CH1 和油门通道 CH2 具有自动识别中位的功能, 当调过微调后, 需重新给接收机上电以完成中位自动识别。

After the LED car light connector of this receiver is connected to the DB01 car light driver board, it can output 6 groups of car light control signals.

The operating mode of the car light is controlled by the corresponding controls of the transmitter, as described below (refer to the transmitter manual for details).

- Left Turn Signal Light/Right Turn Signal Light: Turn the steering wheel counterclockwise/clockwise to turn on the left turn signal light or the right turn signal light, and the lights will flash slowly.
- Daytime Running Light/Headlight: Turn the daytime running light/headlight on or off via the corresponding controls of the transmitter.
- Brake Light/Back Light: Push the transmitter throttle trigger forward to turn on the brake light or back light.

Notes:

1. After the receiver is turned on, all the lights will be on for one second and then go out..
2. The steering CH1 channel and throttle CH2 channel are capable of automatic neutral identifying, after the trim is adjusted, the receiver should be powered to recognize the neutral positions of these two channels automatically.

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。

- 该接收机默认未设置, 失控后, 无论是否设置 CH2 通道始终无输出, 接收机其他通道保持最后输出。若已在发射机端设置, 则按照设置值输出。
- 失控后, 左、右车灯同步慢闪提示。

The failsafe function is used to protect the model and personnel when the receiver is out-of-control.

- By default, it is not set, after out-of-control, no matter whether is set or not, the CH2 channel has no output, for the other channels of the receiver will keep the last output. If it has been set at the transmitter side, the output will be according to the set value.
- When the receiver is out-of-control, the left turn signal light and right turn signal light will flash slowly for prompt.

⚠ 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 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.

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, [Flysky Technology co., Ltd] declares that the Radio Equipment FS-R4P-BS] 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.



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Bilibili



Website



Facebook

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<http://www.flysky-cn.com>

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