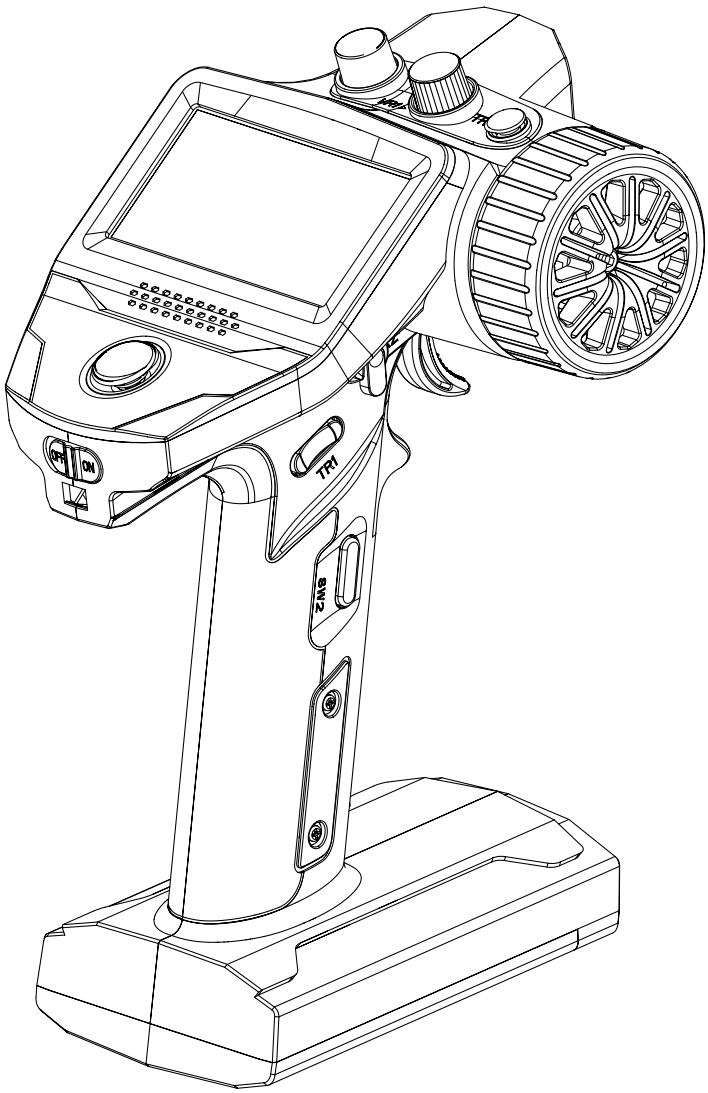
Quick Start Guide
快速操作指南

FS-G7P



www.flysky-cn.com

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Thank you for purchasing the products of Flysky! To find out more about our products, visit our website at www.flysky-cn.com. If you encounter any problems during using, please refer to the manual first. If the problem is still not resolved, contact your local dealer directly or contact the customer service staff via Flysky official website.

Precautions

Read the safety messages listed below before operation!

- Do not use the product at night or during bad weather conditions, like rain or thunderstorms. It can cause erratic operation or loss of control.
- Do not use the product when visibility is limited.
- Do not expose the product to rain or snow. 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:



Near any sites where other radio control activity may occur



Near people or roads



On any pond/ lake when passenger boats are present



Near power lines or communication broadcasting antennas

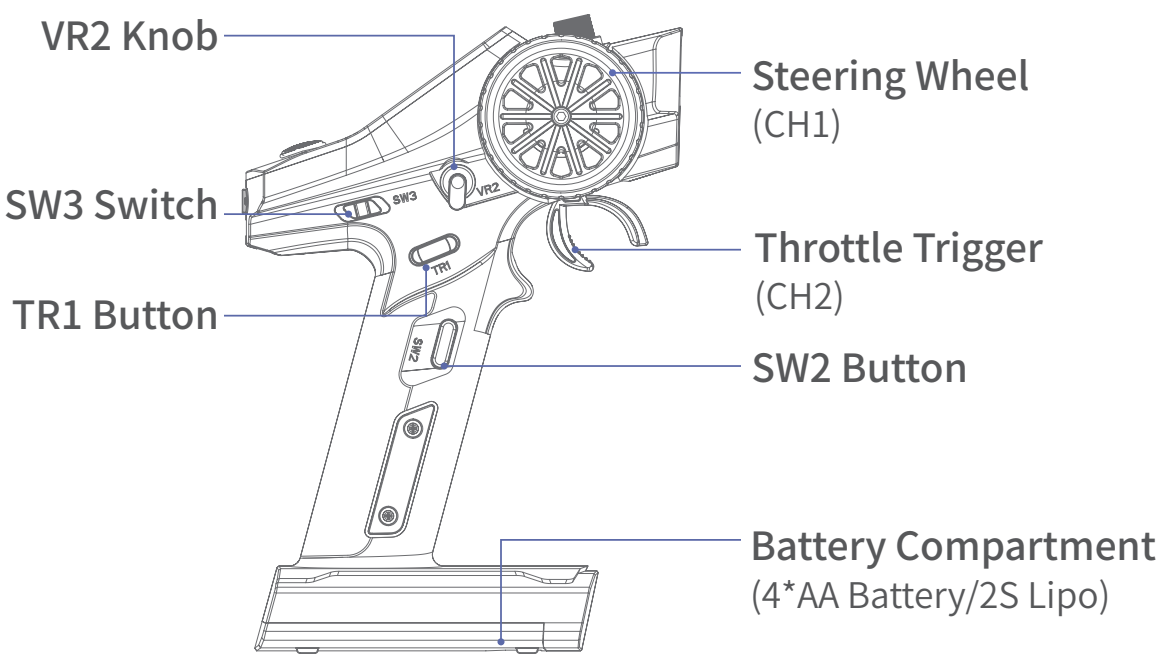
- Do not use this product when you are tired, uncomfortable, or under the influence of alcohol or drugs. Doing so may cause serious injury to yourself or others.
- The 2.4GHz radio band is limited to line of sight. Always keep your model in sight as a large can block the RF signal and lead to loss of control.
- Never grip the transmitter antenna during operation. It significantly degrades signal quality and strength and may cause loss of control.

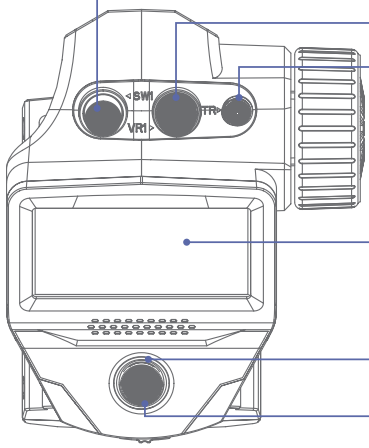
- Do not touch any part of the model that may generate heat during operation, or immediately after use. The engine, motor, may be very hot and can cause serious burns.
- Misuse of this product may lead to serious injury or death. To ensure the safety of you and your equipment, read this manual and follow the instructions carefully.
- Make sure the product is properly installed in your model. Failure to do so may result in serious injury.
- Make sure that the receiver's battery is disconnected 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 that the model stays within range in order to prevent loss of control.

CAUTION!

- RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Transmitter Overview





SW1 Button

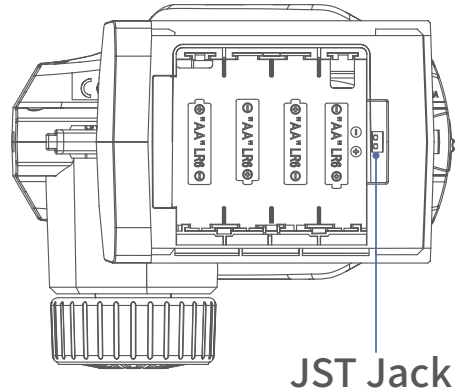
VR1 Knob

Five-way Switch (TR)
Left/Right: Steering trim
Front/Back: Throttle trim

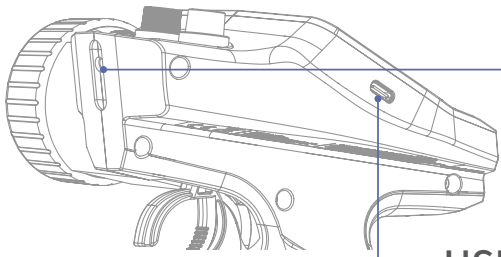
Display

LED Indicator

Five-way Switch
(menu navigation)
Up/Down: Page Up/Down
Right: To enter the next level menu
Left: To return to the previous menu
Center: To confirm

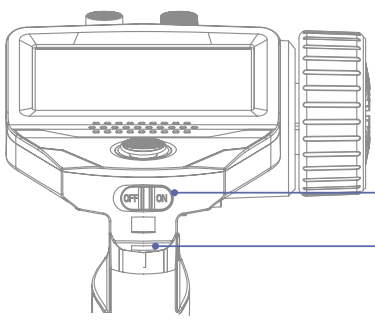


JST Jack
(To connect 2S Lipo)



Cell Phone Holder Connection Hole

USB Port (Type C)
To update firmware/
To supply power for the transmitter/USB emulator



Power Switch (ON/OFF)

Neck Strap Hook

Basic Operations of the Transmitter

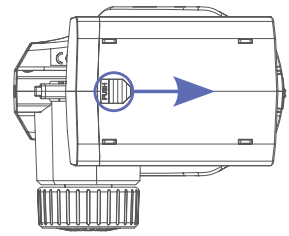
Install the AA Battery

Follow the steps below to install the AA batteries:

1. Open the battery compartment cover as illustrated.
2. Insert 4 fully-charged AA batteries into the compartment.

Make sure that the batteries are well set according to the polarities marked on the battery compartment.

3. Replace battery compartment cover.



Press to slide the cover as illusrtated. Then remove the cover.

Install the Lipo Battery

Follow the steps below to install the lithium batteries:

1. Open the battery compartment cover.
2. Insert 2S fully-charged lithium batteries into the compartment.
3. Plug the cables of lithium batteries into the **JST** Jack.Make sure to connect correctly according to the polarities marked on the battery compartment.
4. Replace battery compartment cover.

1. Don't overcharge or over discharge the lithium battery.
2. Read the instruction of the lithium battery carefully before using.

For safety, power on the transmitter first, then the receiver.

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. The LED indicator will turn light.

Binding

The transmitter and the receiver have been pre-bound before delivery. If you are going to use another receiver, follow the steps below to rebind. The transmitter supports two-way binding and one-way binding. And the default is ONE WAY binding, the steps are as below:

1. Power on the transmitter, then select RX SET > BIND SET > STRAT to put the transmitter into bind state.
2. Connect the power cable to the BVD/VCC connector on the receiver. At this time, the receiver LED flashes slowly.

3. Press and hold the BIND button on the receiver for more than 3 seconds or press and hold the BIND key on the receiver for power-on.
4. After the receiver LED becomes slow flashing, then manually put the transmitter to exit the binding state. At this time, the receiver LED is solid on indicating the binding is successful.
5. Verify that the transmitter and receiver are working properly. If you need to re-bind, repeat the above steps.

Notes:

1. If TWO WAY mode is selected at the transmitter side, when the receiver LED status changes from fast-flashing to solid-on, the binding is successful.
2. The bind methods vary with receivers. For details about the operations, you can visit the FLYSKY official website to obtain the receiver manual or other related information.

Stick Calibration

The calibration is required in case of data offset of the transmitter due to physical wear in long-term operations. At this time, we need to calibrate the output data and neutral angle of the traversing steeringwheel, throttle trigger, VR1 and VR2.

The transmitter has been calibrated at the factory. If you need to recalibrate it, please follow the steps below:

1. Power on the transmitter, enter the system menu, and select the stick calibration function. Follow the prompts to press the Start key for calibration.
2. Swing the steeringwheel and trigger to the maximum and minimum travel in each direction respectively and then release them. Turn VR1 to its maximum and minimum travel and then back to the neutral position. Toggle the VR2 left and right repeatedly to the maximum extent for two or three times. Finally, toggle the VR2 back to the neutral position.
3. Press the return key to exit the calibration interface. The calibration is complete.
4. If the pop-up window indicates that the calibration has failed, it means that the control to be calibrated has not reached the maximum and minimum travel, or VR1 and VR2 has not been toggled to the middle position. The re-calibration is required.

Failsafe

The failsafe function is used to output the channel value according to the out-of-control protection value set by the user after the receiver loses its signal and is out of control to protect the model and personnel.

RESPONSE TIME

Used to set the failsafe judgment time, the setting range is from 250ms to 1000ms. The default is 300ms.

Function settings:

Press the OK key to enter the edit state, then set the failsafe judgment time by pressing the UP/DOWN key. After the settings are completed, just press the back key.

For i-BUS/PPM/PWM signal. It can be set to Not Set, OFF or ON.

Not Set: The failsafe has not been set, and there is no output in case of out-of-control.

OFF: It is no output for i-BUS/PPM/PWM channel.

ON: i-BUS/PPM/PWM channel output respectively the set value. Namely, you can set a value respectively for each channel from 1 to 7. By default, this value is the reading of current channel output value.

Function settings:

1. In the FAILSAFE menu, select [I-BUS/PPM/PWM: NOT SET] by pressing the UP/DOWN key;
2. Press the OK key to enter the edit state, then select [ON], the system will pop up a prompt interface, then adjust the corresponding controls to the desired positions and hold them if needed. Select [OK] on the pop-up prompt interface, all channel failsafe value settings have been completed.
3. To set an individual channel, select the channel to be set, press the OK key to enter the edit state.
4. Select the appropriate value or adjust the corresponding control to the desired position and hold it, just press the back key.

Notes:

1. Because the S.BUS signal information contains failsafe flag bits, the failsafe information can be transmitted to the subsequent devices by the failsafe flag bits ruther than by no output state. The subsequent devices gives response according to the analysed information for the failsafe flag bits.
2. For the signal PWM/PPM/i-BUS without failsafe flag bits, it supports the setting of the output signal to OFF in case of failsafe, transmitting the failsafe information to the subsequent devices by no output state.
3. It is Not Set by default, then the receiver will not output when RC signal is lost.

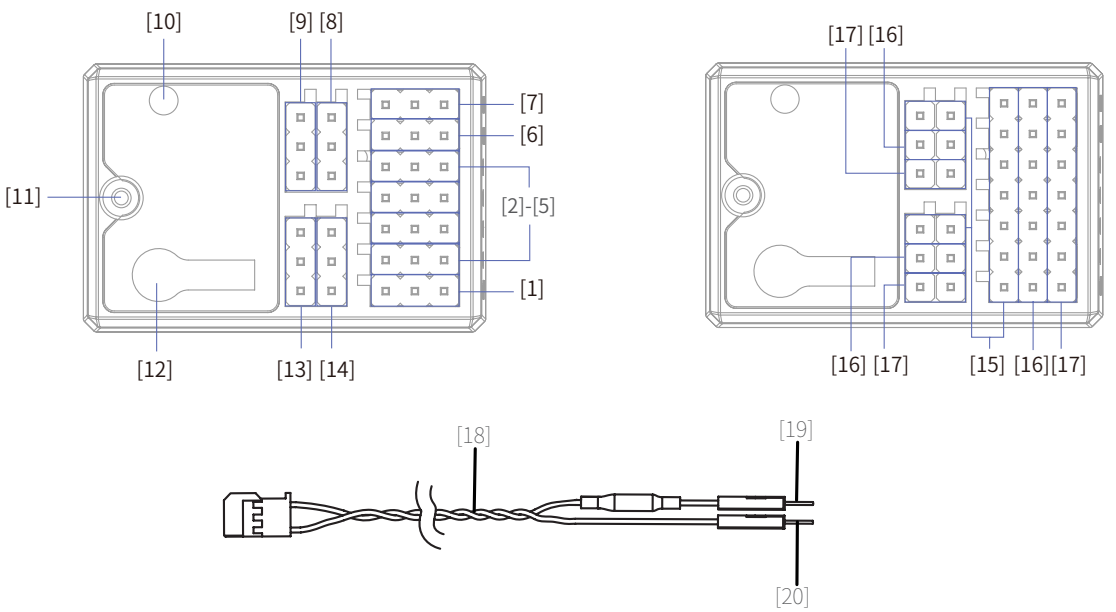
Power Off

Follow the steps below to turn off the transmitter:

1. Turn off the receiver first.
2. Toggle the transmitter's Power Switch to the OFF position to turn off the transmitter.

Make sure to disconnect the receiver power before turning off the transmitter. Failure to do so can result out of control. Unreasonable setting of the Failsafe may cause accidents.

Receiver Overview



[1] CH1/P(PWM/PPM)
[2]-[5] CH2- CH5
[6] BIND Connector
[7] BVD/VCC(Battery Voltage detection/ Power Supply Connector)
[8] CH7
[9] SERVO
[10] LED
[11] Antenna
[12] BIND button
[13] SENS Connector
[14] CH6
[15] Signal pin
[16] + (Power anode)
[17] - (Power cathode)
[18] BVD harness
[19] Connect to battery anode
[20] Connect to battery cathode

Note: The range of BVD voltage detection is from 0 to 70V.

Basic Operations of the Receiver

Connector Introduction

CH1~CH7: Outputs PWM signal, in addition, CH1 can output PPM signal. Can be connected to the servos, or other compatiable components.

BVD/VCC: During the battery voltage detecting process, a BVD harness is connected here. During normal operation, the power is applied to this connector.

BIND Connector: During the binding process, a bind cable is connected to this connector.

SENS Connector: For connecting i-BUS sensors.

SERVO Connector: Outputs i-BUS or S.BUS signal, and supports channel expansion in i-BUS type.

Binding the Receiver With the Transmitter

The receiver supports two -way binding and one-way binding. The transmitter will display the information returned from the receiver after the two-way binding is completed.

Follow the steps below to bind in two-way binding:

1. Select **ANT 2 WAY** for **RF standard** of the transmitter, then put the transmitter into bind mode.

2. The receiver supports three ways to enter bind mode: BIND button binding, bind cable binding and BIND button binding after power-on.
   - BIND button binding: Press and hold the **BIND** button of the receiver while powering on the receiver, tthe LED of the receiver should be flashing, indicating that the receiver is in bind mode. Then release the **BIND** button.
   - Bind cable binding: Insert the bind cable to the BIND Connector of the receiver, then power on the receiver. The LED of the receiver should be flashing, indicating that the receiver is in bind mode. Be awared: You need to remove the bind cable from the receiver after the binding process is completed.
   - BIND button binding after power-on: The receiver has not been connected to the transmitter when it is powered on. Press and hold the **BIND** button for 3 seconds, the LED of the receiver should be flashing, indicating that the receiver is in bind mode. Then release the **BIND** button.
3. When the LED of the receiver is solid on, the binding process should be completed. The transmitter exits the bind mode automatically.
4. Check to make sure the transmitter and receiver functions are working correctly, repeat steps 1 to 3 (binding process) if any problems arise.

Updating the Firmware of the Receiver

The firmware of this receiver can be updated through the FlyskyAssistant (Only version 3.0 or later is supported. The firmware of FlyskyAssistant is available on the Flysky official website).

This receiver can be updated via the following two ways:

1. After the binding between the transmitter and the receiver (the LED of the receiver is solid on), connect the transmitter to the computer, then open the FlyskyAssistant on the computer to update the firmware.
2. Connect the transmitter to the computer. Then put the receiver to enter the forced update mode by referring to the following three ways (The LED of the receiver works in three-flash-one-off mode repeatedly). Afterwards, open the FlyskyAssistant on the computer to update the firmware.

- Power on the receiver while pressing and holding the **BIND** button for more than ten seconds, until the LED of the receiver works in three-flash-one-off mode repeatedly, then release the **BIND** button.
- Power on the receiver first, then press and hold the **BIND** button for more than ten seconds, when the LED of the receiver works in three-flash-one-off mode repeatedly, then release the **BIND** button.
- Connect the bind cable to the signnal pins of the CH4 and CH6, then power on the receiver.

Failsafe of the Receiver

This receiver supports two failsafe modes: **ON** and **OFF**. You can set it at transmitter side. Please refer to Failsafe in the previous description.

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.
- Normally, you must power on the transmitter and then receiver, and power off the receiver and then the transmitter.
- Do not power on the receiver during the setup process to prevent loss of control.

Specifications

The Specifications of the Transmitter

- **Product Model**: FS-G7P
- **Compatible Receiver**: Receivers with ANT protocol, such as FS-R7P
- **Compatible RC Models**: Cars, boats.
- **Number of Channels**: 7
- **RF**: 2.4GHz ISM
- **Reception Sensitivity:** ⩽ -99dBm
- **Maximum Power**: < 20dBm (e.i.r.p.) （EU）
- **RF Protocol**: ANT
- **Resolution**: 4096
- **Low Voltage Alarm**: AA battery: <4.2V/ 2S Lipo battery: <7.2V
- **Data Connector:** USB Type-C
- **Antenna:** Built-in single coaxial cable antenna
- **Input Power**: 4 ~ 9V/DC
- **Battery:** 1.5AA*4/2S Lipo
- **Distance**: ⩾ 300m (ground distance without interference)
- **Display:** 128*64 LCD (black and white dot matrix screen)
- **Firmware Update**: Supported
- **Temperature Range**: -10°C ~ +60°C
- **Humidity Range**: 20% ~ 95%
- **Dimensions**: 136.4*111.8*197.5mm
- **Weight**: 305g
- **Charging Jack:** No
- **Certifications**: CE, FCC ID: N4ZG7P00

The Specifications of the Receiver

- **Product Model**: FS-R7P
- **Compatible transmitter**: FS-G7P (adapts transmitter with ANT protocol)
- **Compatible RC Models:** Cars, boats
- **Number of Channels**: 7
- **RF**: 2.4GHz ISM
- **Maximum Power**: < 20dBm (e.i.r.p.) （EU）
- **RF Protocol**: ANT
- **Resolution**: 4096
- **Antenna**: Single antenna
- **Distance**: ⩾ 300m (ground distance without interference)
- **Operating Voltage**: 3.5~9V/DC
- **Data Output**: PWM/PPM/i-BUS/S.BUS
- **Firmware Update**: Supported
- **Temperature Range**: -10°C ~ +60°C
- **Humidity Range**: 20% ~ 95%
- **WaterProof:** PPX4
- **Dimensions**: 35.0mm*23.3mm*13.3mm
- **Weight**: 8.0g
- **Certifications**: CE, FCC ID: 2A2UNR7P00

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, [ShenZhen Flysky Technology co., ltd] declares that the Radio Equipment [FS-G7P] and [FS-R7P] are 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 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.



CE

FCC ID: N4ZG7P00

FCC ID: 2A2UNR7P00

Figures and illustrations in this manual are provided for reference only and may differ from actual product appearance. Product design and specificatiions may be changed without notice.

感谢您购买富斯公司的产品!欲知更多产品信息,请浏览以下官方网站:www.flyskytech.com. 如果您在使用中遇到任何问题,请先查阅发射机使用说明书。如果问题仍未得到解决,请直接联系当地经销商或者访问官网联系客服人员。

注意事项！

开始操作前请务必阅读以下安全信息!

- 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。
- 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设备失灵。
- 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:



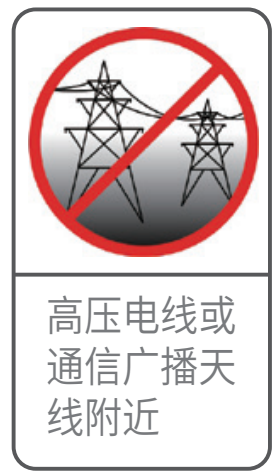
基站附近或其他无线电活跃的地方



人多的地方或道路附近



有客船的水域



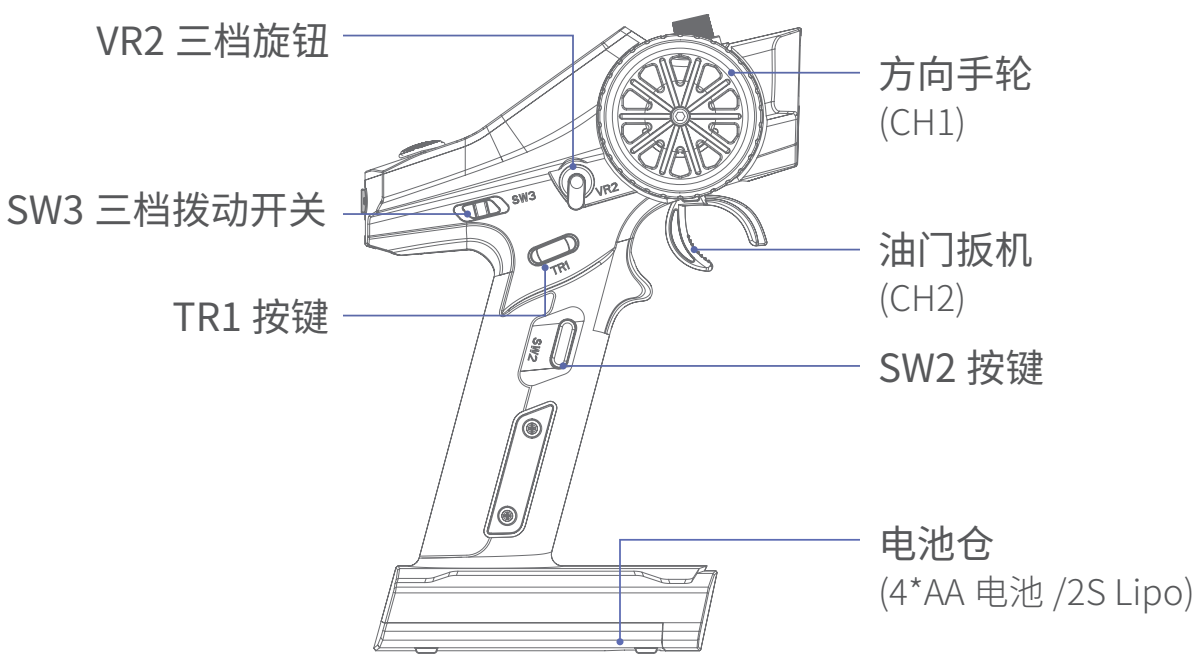
高压电线或通信广播天线附近

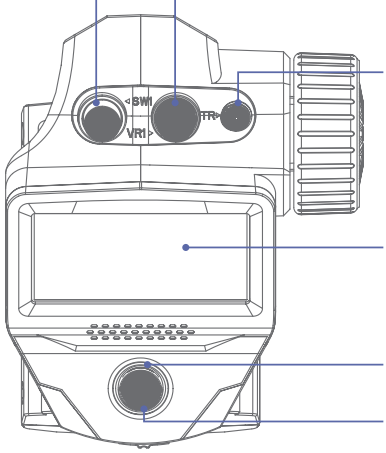
- 当你感到疲倦、不舒服，或在摄入酒精或服食导致麻醉或兴奋的药物后，不要操作本产品，否则可能对自己或他人造成严重的伤害。
- 2.4GHz 无线电波段完全不同于之前所使用的低频无线电波段。使用时请确保模型产品在您的视线范围内，大的障碍物将会阻断无线电频率信号从而导致遥控失灵模型失控。
- 在使用过程中，严禁紧握发射机天线，否则将会大大减弱无线电传播信号的质量和强度， 导致遥控失灵模型失控。

- 在操作或使用模型后，请勿触摸任何可能发热的部位，如发动机、电机等。这些部件可能非常热，容易造成严重的烧伤。
- 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。
- 当遥控距离持续较远时，有发生失控的可能。请适当缩短遥控的距离。

注意：使用类型不正确的电池可能发生爆炸风险，请妥善处理使用完的电池。

发射机概览





SW1 按键

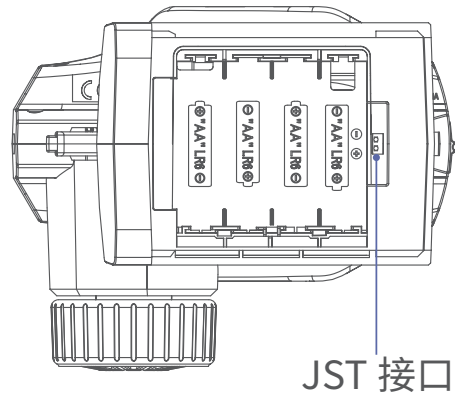
VR1 旋钮

五向开关（TR）
左 / 右：方向微调
前 / 后：油门微调

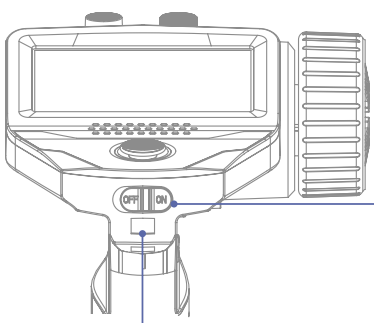
显示屏

LED 氛围灯

五向开关（菜单导航）
上 / 下键：向上 / 下翻页
右键：进入下一级菜单
左键：返回
中键：确认

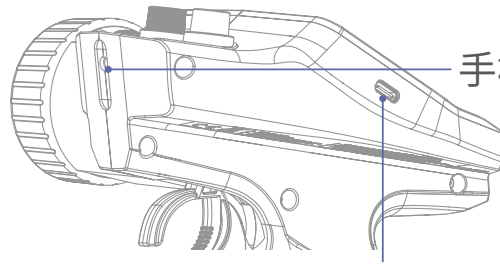


JST 接口
(可连接 2S 锂电池)



电源开关
(ON/OFF)

挂绳孔



手机支架固定口

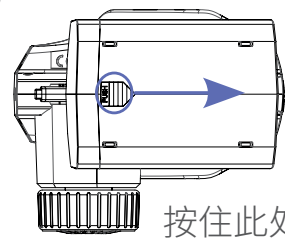
USB 接口（Type C）
固件升级、USB 模拟器、
给发射机供电

发射机基本操作

AA 电池安装

请按照以下步骤安装 AA 电池：

1. 打开电池仓盖；
2. 将 4 颗电量充足的电池按标注的极性方向装入电池仓内；
3. 盖好电池仓盖。



按住此处并向前滑动，取下电池舱盖。

Lipo 锂电池安装

请按照以下步骤安装锂电池：

1. 打开电池仓盖；
2. 将 2S 电量充足的锂电池放入电池仓内；
3. 将电池连接线接入 JST 接口，确保正确连接正负极；
4. 盖好电池仓盖，注意不夹到电池连接线。

1. 注意锂电池不要过充或过放。
2. 使用前请仔细阅读锂电池使用说明书。

为保障模型及人员安全，使用时请先打开发射机，再给接收机上电。

开机

请按照以下步骤打开发射机：

1. 检查系统状态，确保电池电量充足且安装正确；
2. 将开关拨到 [ON] 位置，LED 灯常亮。

对码

本发射机和接收机在出厂前已对码成功。若需使用其他的接收机，请按照如下步骤进行对码。本发射机支持双向对码与单向对码，双向对码完成后发射机将显示接收机回传的信息。默认为单向对码，单向对码步骤如下：

1. 打开发射机电源，进入接收机设置，对码设置选择对码开始，使发射机进入对码状态；
2. 将电源线连接至接收机上的 BVD/VCC 接口，此时接收机灯慢闪；
3. 按住接收机上的 BIND 键 3 秒以上（或者按住接收机上的 BIND 键上电），此时接收机 LED 快闪，松开按键；
4. 接收机 LED 灯变为慢闪后，手动将发射机退出对码状态，此时接收机 LED 灯常亮，表示对码成功；
5. 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。

注：

1. 若发射机端选择双向对码，接收机 LED 灯从快闪变为常亮，即对码成功（对码成功后发射机自动退出对码状态）。

2. 不同的接收机对码方式不同，请进入 FLYSKY 官网查询接收机说明书或其他相关资料，进行操作。

摇杆校准

校准功能是在发射机长时间使用后，发生了一些物理磨损导致数据发生偏差，此时我们可以对方向手轮、油门扳机、VR1 及 VR2 的输出数据和中位角度进行重新修正。

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。

1. 打开发射机电源，进入系统菜单，选择摇杆校准功能，并跟据提示按开始键，校准开始；
2. 将手轮和扳机分别摆动至各个方向的最大和最小行程后松开，回至中位；将 VR1 旋转至最大或最小行程，回至中位；将 VR2 拔到最大行程处，再将 VR2 拨回到中间位置；
3. 按返回键退出校准界面，校准完成；
4. 如果退出时弹窗提示校准失败，则表示需要校准的控件没有打到最大和最小行程，或者 VR1 和 VR2 没有拨回到中间位置，需要重新来过。

失控保护

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。

失控保护判断时间

用于设置失控保护判断时间。设置范围为 250ms~1000ms。默认 300ms。

功能设置：

短按五向按键中键后进入编辑状态，再通过 UP/DOWN 设置失控保护判断时间，设置完成后按返回键即可。

对于 i-BUS/PPM/PWM 信号，可将失控保护设置为 [未设置]、[无输出] 或 [有输出]。

[未设置]：表示未设置失控保护值，失控后无信号输出。

[无输出]： i-BUS/PPM/PWM 通道接口为无输出状态；

[有输出]：i-BUS/PPM/PWM 通道接口输出设置的固定值。 即通道 1~7 分别设置一个失控保护的固定值，默认为读取当前通道的输出值。

功能设置：

1. 失控保护菜单下，通过 UP/DOWN 选择 [I-BUS/PPM/PWM：未设置]；
2. 短按五向按键中键后进入编辑状态，再通过 UP/DOWN 选择 [有输出]，系统弹出提示界面，然后将所有通道所对应的控件拨到需要的位置并保持，并选择 [是]，所有通道失控保护设置完成；
3. 若要设置单独通道，则选择要设置的通道，短按五向按键中键，此时功能项为可编辑状态；
4. 选择合适的数值或将对应的控件拨到需要的位置并保持，按返回键即保存设置。

注：

1. 因为 S.BUS 信号包含失控标志位，所以接收机可通过失控标志位将“失控状态”信息传递到后续设备，而无需通过 [无输出] 状态传递（后续设备通过解析失控标志位信息做出相应地应对即可）；
2. 对于无失控标志位的信号 PWM/PPM/i-BUS，支持设置失控时信号 [无输出]，通过 [无输出] 状态将“失控状态”信息传递给后续设备 ;
3. 失控保护出厂默认 [未设置]，失控后的接收机无有效信号输出。

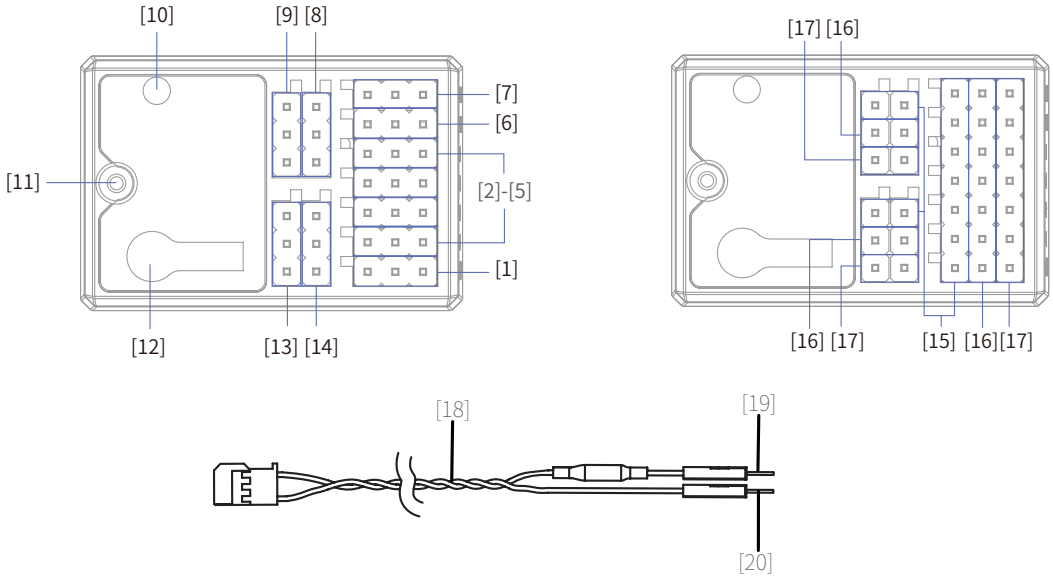
▸ 关机

请按以下步骤关闭发射机：

1. 先断开接收机电源；
2. 将开关拨到 [OFF] 位置，关闭发射机。

关闭发射机之前，请务必先断开接收机电源，然后关闭发射机。如果强行关闭发射机，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。

接收机概览



[1] CH1/P
[2]-[5] CH2- CH5
[6] 对码接口
[7] BVD/VCC(电池电压检测 / 供电接口)
[8] CH7
[9] SERVO
[10] LED 指示灯
[11] 天线
[12] 对码按键
[13] 传感器接口
[14] CH6
[15] 信号端
[16] + (电源正极)
[17] - (电源负极)
[18] BVD 功能配件
[19] 接电池正极
[20] 接电池负极

注：BVD 电压检测范围： 0~70V

接收机基本操作

接口介绍

CH1~CH7：输出标准的 PWM 信号（CH1 接口，还支持输出 PPM 信号）。连接舵机或其他各部件；

BVD/VCC: BVD 电压检测时用于连接 BVD 功能件 , 正常操作时用于连接电源线;

BIND：对码时用于连接对码线；

SENS：用于连接 i-BUS 传感器；

SERVO：支持 i-BUS/S.BUS 信号输出，支持 i-BUS 通道扩展。

对码

本款接收机支持双向对码和单向对码 , 双向对码完成后发射机将显示接收机回传的信息。

双向对码步骤：

1. 发射机选择双向通信，然后进入对码状态；
2. 本接收机支持三种方式进入对码状态：按键对码、对码线对码和通电后按键对码
   - 按键对码：按住接收机对码按键同时上电，接收机 LED 灯快闪表示进入对码状态，松开对码键；
   - 对码线对码：Bind 接口连接对码线后上电，接收机 LED 灯快闪，进入对码状态。注意对码成功后需取下对码线；
   - 通电后按键对码：接收机上电后未与发射机通信过，长按对码键 3 秒，接收机指示灯快闪表示进入对码状态，松开对码键。
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，对码完成；
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。

接收机固件更新

本接收机固件更新需通过富斯遥控管家（FlySkyAssistant）完成（仅 3.0 及以上版本支持，富斯遥控管家固件可从官网 www.flyskytech.com 获取）。

本接收机可以通过以下两种方式进入更新：

1. 先将发射机与接收机对码后（接收机 LED 灯常亮），再将发射机与电脑连接，然后在电脑端打开富斯遥控管家，通过富斯遥控管家进行固件更新;
2. 将发射机与电脑连接，参考如下方式使接收机进入强制更新状态（接收机 LED 灯状态三闪一灭），然后在电脑端打开富斯遥控管家，通过富斯遥控管家进行固件更新。

   进入强制更新状态的操作方式有如下三种方式：

   - 按下对码按键，上电十秒钟后接收机 LED 灯状态三闪一灭，松开对码按键。

- 先给接收机上电，长按对码键十秒后接收机 LED 灯状态三闪一灭，松开对码按键。
- 先将对码线连接到接收机 CH4 和 CH6 信号端，然后接通接收机电源。

接收机失控保护

本款接收机共支持两种失控保护模式 : [无输出] 和 [有输出]，在发射机端设置，设置相关内容请参考前面发射机的失控保护章节。

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。
- 为了一切正常，请养成先开发射机再接收机通电以及先接收机断电再关闭发射机的习惯。
- 准备过程中，请勿连接接收机电源，避免造成不必要的损失。

产品规格

发射机产品规格

- 产品型号：FS-G7P
- 适配接收机：ANT 协议接收机（如 FS-R7P）
- 适配模型：车、船
- 通道个数：7
- 接收灵敏度：⩽ -99dBm
- 无线频率：2.4GHz ISM
- 发射功率：小于 20dBm
- 无线协议：ANT
- 通道分辨率：4096 级
- 低电压报警：AA 电池 : <4.2V: 2S Lipo 电池 : <7.2V
- 数据接口：USB Type-C
- 天线类型：内置单同轴电缆天线
- 输入电源：4~9V/DC
- 支持电池：1.5AA*4 ，2S Lipo
- 遥控距离：⩾ 300m(空旷无干扰地面距离)
- 显示方式：LCD 128*64 点阵
- 固件更新：支持
- 温度范围：-10°C ～ +60°C
- 湿度范围：20% ～ 95%
- 外形尺寸：136.4*111.8*197.5mm
- 机身重量：305g
- 充电接口：无
- 认证：CE，FCC ID: : N4ZG7P00

接收机产品规格

- 产品型号：FS-R7P
- 适配发射机：FS-G7P（支持 ANT 协议发射机 ）
- 适配模型：车、船
- 通道个数：7
- 无线频率：2.4GHz ISM
- 发射功率：小于 20dBm
- 无线协议：ANT
- 通道分辨率：4096 级
- 天线类型：单天线
- 遥控距离：≥ 300 米（空旷无干扰地面距离）
- 工作电压：3.5~9V/DC
- 数据输出：PWM/PPM/i-BUS/S.BUS
- 固件更新：支持
- 温度范围：-10°C ～ +60°C
- 湿度范围：20% ～ 95%
- 防水等级：PPX4
- 外形尺寸：35.0mm*23.3mm*13.3mm
- 机身重量：8.0g
- 认证：CE，FCC ID: 2A2UNR7P00

本说明书中的图片和插图仅供参考，可能与实际产品外观有所不同。 产品设计和规格可能会有所更改，恕不另行通知。

FLYSKY

微信公众号

Bilibili

Website

Facebook

FCC ID: N4ZG7P00

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