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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：

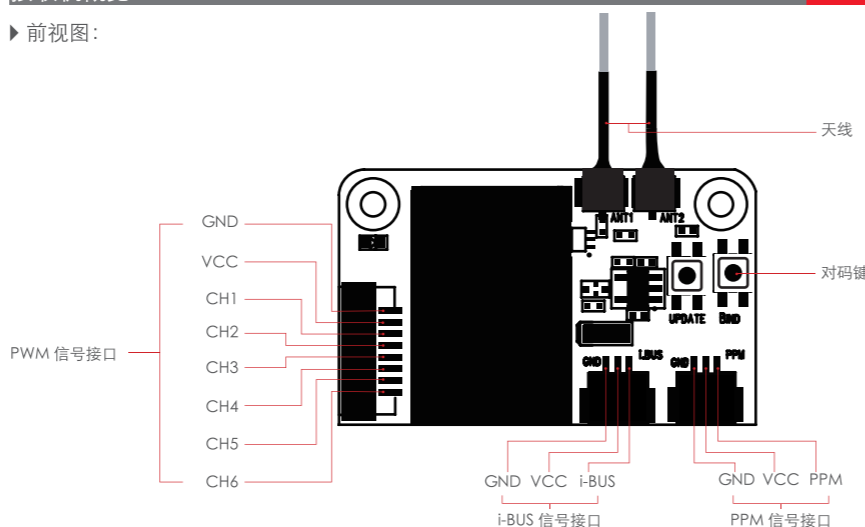


产品介绍

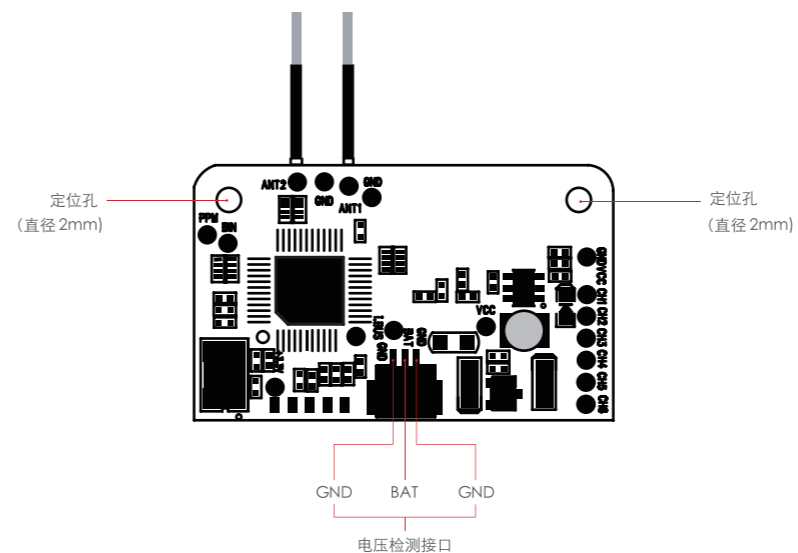
FS-X6B 是一款专用于多旋翼飞机的双向接收机，采用了 AFHDS 2A（第二代增强版自动跳频数字系统）并使用全向双天线，具有超强的抗干扰能力。它体积小便于安装，还拥有丰富的接口，可支持 6 个通道的 PWM 信号、一个标准的 PPM 信号和 18 个通道的 i-BUS 信号输出及电压检测功能。

接收机概览

► 前视图：



► 后视图：



► 接口

用于连接接收机与模型的各个部件。

PWM 信号接口：输出 1-6 通道的 PWM 信号。

PPM 信号接口：输出标准的 PPM 信号。

i-BUS 信号接口：输出 i-BUS 信号，最多可支持 18 个通道。

电压检测接口：检测接收机外部的电源电压，可连接 1S-4S 电源，检测范围在 0-18V 内。

► 对码

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. 按住接收机上的对码按键，并为接收机连接电源。接收机上的指示灯闪烁表示接收机进入对码状态。
- 对码成功后，发射机自动退出对码界面，此时接收机指示灯停止快速闪烁变为常亮。
3. 检查发射机、接收机、模型是否正常工作。如有异常，重复以上步骤重新对码。

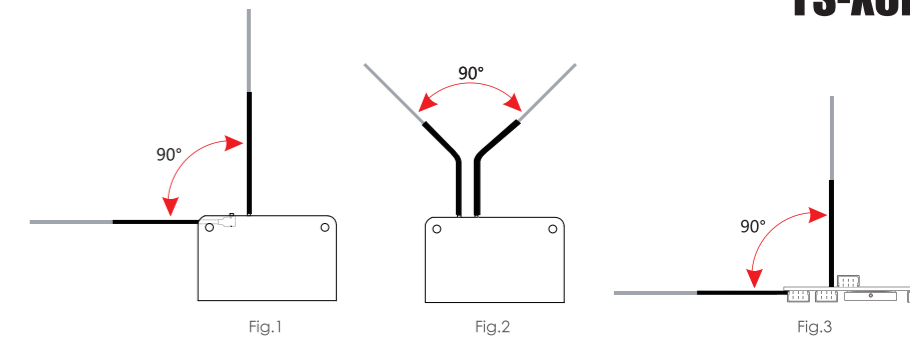
❗ 关闭时，请务必先关闭接收机电源，然后关闭发射机。如果关闭发射机电源时接收机仍然在工作，将有可能导致遥控设备失控或者引擎继续工作而引发事故。

操作前准备

请结合模型飞机的结构选择合适的位置安装接收机，以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. 准备过程中，请勿连接接收机电源，避免造成不必要的损失。
2. 确保接收机安装在远离电机、电子调速器或电气噪声过多的区域。
3. 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，请确保接收器和导电材料之间至少有 1 厘米以上的距离。
4. 为保证信号质量，请将接收机两根天线 90 度垂直放置（如 Fig.1, Fig.2, Fig.3 所示）。



规格参数

通道个数	6 (PWM) ,8 (PPM) ,18 (i-BUS)
适合机种	多轴飞行器
频率范围	2.408-2.475 GHz
波段宽度	500 KHz
波段个数	135
发射功率	不高于 20 dBm
接收灵敏度	-95dBm
2.4GHz 模式	AFHDS 2A
调制方式	GFSK
通道分辨率	1024
电压检测	有
数据输出	PPM/PWM/i-BUS
天线长度	93mm (双天线)
输入电源	4.0-8.4V
在线更新	有 (无线更新)
空旷无干扰地面距离	大于 300m
机身重量	4.5g
外形尺寸	36*22*7.5mm
定位孔间距	30mm
认证	CE0678, FCC ID: N4ZX6B00

适用机型

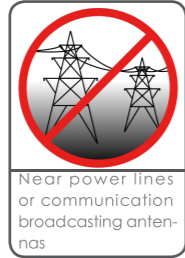
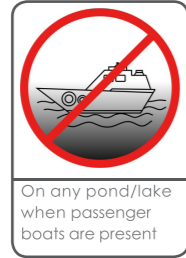
FS-X6B 接收机适用于富斯 AFHDS 2A 系统遥控器，如 FS-i10, FS-i8, FS-i6S, FS-i4, FS-i4X 等。

Thank you for purchasing our product! To find out more about our products, visit our website at www.flysky-cn.com. If you encounter any problems during use, refer to the receiver's user manual first. If the problem persists, contact your local dealer or contact us by email at: flyskycn@flysky-cn.net

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:

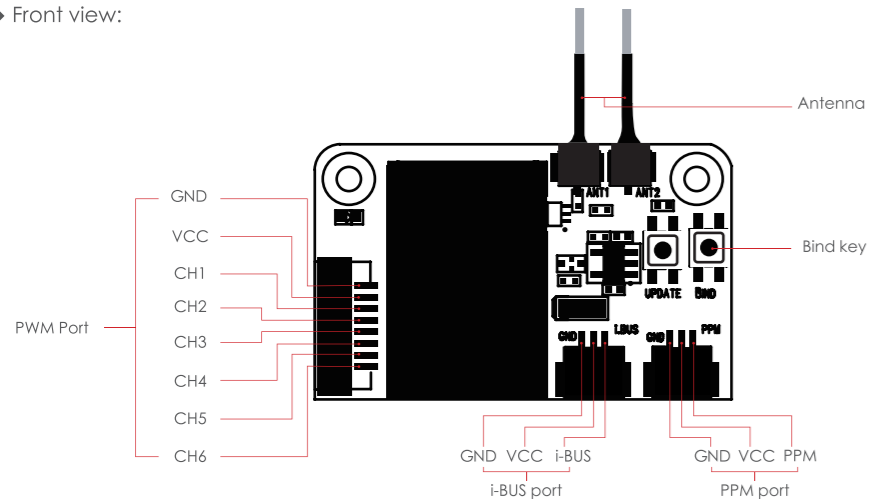


Product Introduction

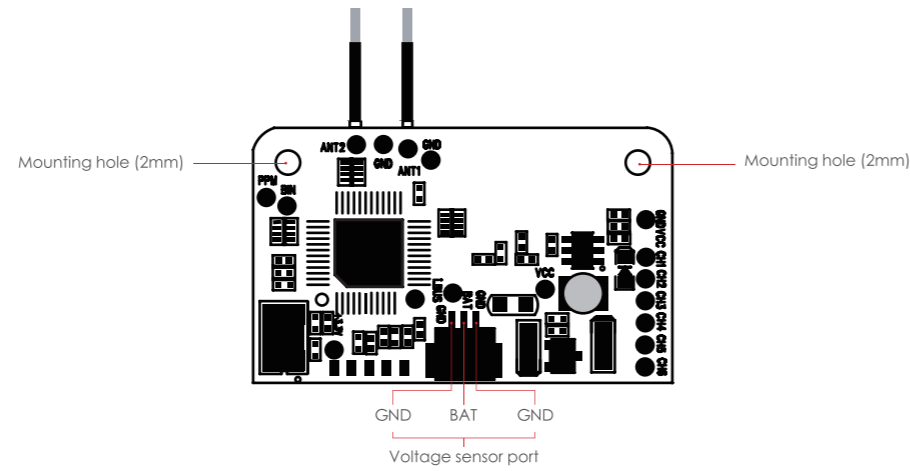
The FS-X6B is a 6 channel two-way receiver designed for multi-rotor aircraft. It uses the AFHDS 2A (Automatic Frequency Hopping Digital System Second Generation) protocol with dual omnidirectional antennas for superior noise reduction. It's compact, easy to install and boasts a rich and easy to use interface. It also supports 6 channel PWM output, standard 8 channel PPM output and can use up to 18 channel using i-BUS.

Receiver Overview

► Front view:



► Rear view:



► Ports:

These ports are for connecting the receiver to various models and flight controllers.

PWM port: Outputs channels 1-6 PWM.

PPM port: Outputs 8 channel standard PPM signal.

i-BUS port: Outputs i-BUS signal, up to 18 channels.

Voltage sensor port: External power sensor (1S-4S connector) +0 to +18V.

► Binding

- To prepare the transmitter for binding information refer to your transmitter's user manual.
- Power on the receiver while holding the bind button. If the receiver's LED is flashing it has entered bind mode.
- After the successfully binding, the transmitter will automatically return to the previous menu. If binding is successful the receiver's LED will stop flashing a remain solid.
- Check if all the model and receiver work as expected. If anything does not work as expected, restart this procedure from the beginning.

⚠ 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.

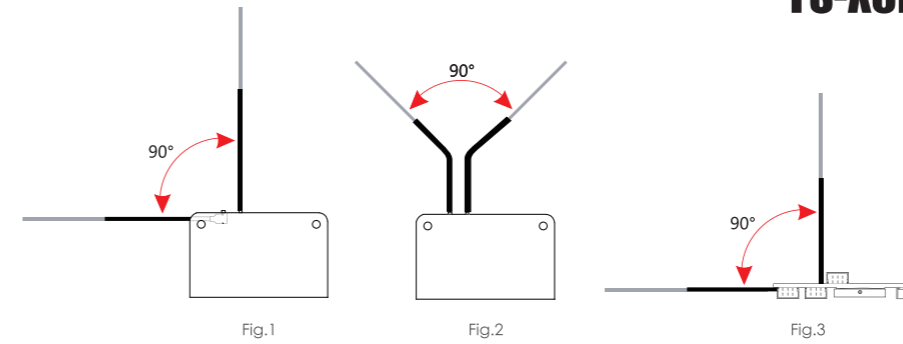
Before use

Make sure that you find an appropriate location to mount the receiver in order to ensure good performance, stability and prevent outside interference.

⚠ Installation:

- Do not power on the receiver during the setup process to prevent 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 away from conductive materials such as carbon or metal. To ensure normal function make sure there is a gap of at least 1 cm between the antenna and the conductive material.
- Ensure that the two antennas are mounted at 90 degrees to each other, as shown in Fig.1, Fig.2, Fig.3.

FS-X6B



Specifications

Channels	6 (PWM), 8 (PPM), 18 (i-BUS)
Model type	Multi-Rotor
RF range	2.408-2.475 GHz
Bandwidth	500 KHz
RF channel	135
RF power	No more than 20 dBm
RX sensitivity	-95dBm
2.4GHz system	AFHDS 2A
Modulation type	GFSK
Stick resolution	1024
voltage detection	Yes
DSC port	PPM/ PWM/ i-BUS
Antenna length	93mm (Dual Antenna)
Power input	4.0-8.4V
On-line update	Yes (Wireless)
Range	>300m
Weight	4.5g
Size	36*22*7.5mm
Distance between mounting holes	30mm
Certification	CE0678, FCC ID: N4ZX6B00

Compatible transmitters

The FS-X6B receiver is compatible with all AFHDS 2A Transmitters, such as the FS-i10, FS-i8, FS-i6S, FS-i4 and FS-i4X systems.