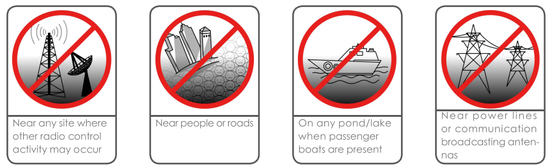
Thank you for purchasing our product! To find out more about our products, visit our website at www.flysky-cn.com. If you encounter any problems during use, refer to the receiver's user manual first. If the problem persists, contact your local dealer or contact us by email at: flyskyrc@flysky-cn.net

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:

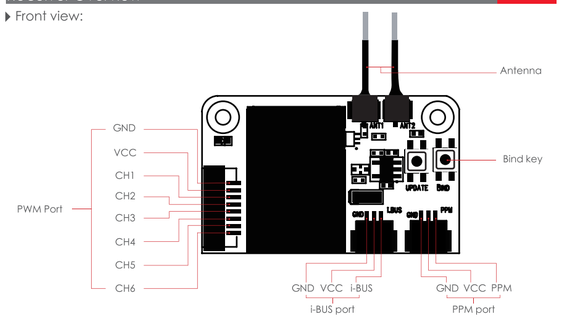


Product Introduction

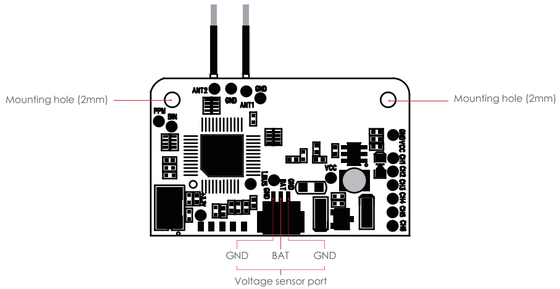
The FS-X6B is a 6 channel two-way receiver designed for multi-rotor aircraft. It uses the AFHDS 2A (Automatic Frequency Hopping Digital System Second Generation) protocol with dual omnidirectional antennas for superior noise reduction. It's compact, easy to install and boasts a rich and easy to use interface.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

1. To prepare the transmitter for binding information refer to your transmitter's user manual.
2. 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.
3. 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:

1. Do not power on the receiver during the setup process to prevent loss of control.
2. Make sure the receiver is mounted away from motors, electonic speed controllers or any device that emmits excessive electrical noise.
3. Keep the receivers antenna away from conductive materials such as carbon or metal. To ensure normal function make sure there is a gap of at least 1cm between the antenna and the conductive material.
4. Ensure that the two antennas are mounted at 90 degrees to each other, as shown in Fig.1, Fig.2, Fig.3.

FS-X6B

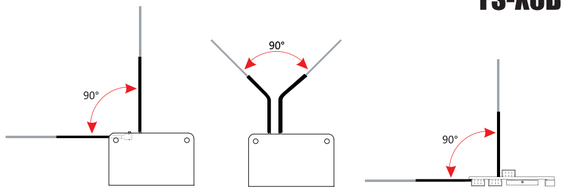


Fig.1 Fig.2 Fig.3

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.

CE0678 FCC ID : N4ZX6B00

www.flysky-cn.com

Release date: 2017-01-12