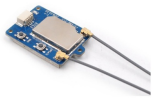

FlySky FS-X8B Receiver User Guide

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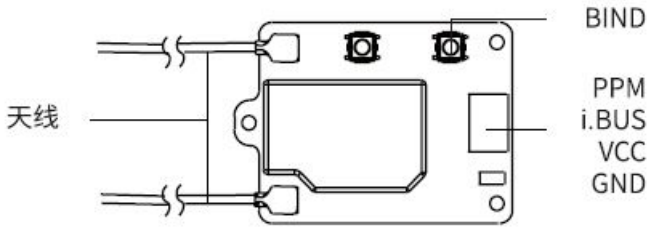
FlySky FS-X8B Receiver

Introduction

The FS-X8B is a compact 2-way receiver designed for multi-rotor aircraft. It uses the AFHDS 2A (Second Generation Automatic Frequency Hopping Digital System) protocol, supports standard PPM output and has i-BUS support forfor up to 18 channels.

Receiver overview

These ports connect the receiver to various models, comonents and flight controllers.
PPM signal port: Outputs standard PPM signal.
i-BUS signal port: Outputs i-BUS signal, up to 18 channels.



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 may lead to unintended operation or 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 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.

Binding

1. For information on putting the transmitter into bind mode please refer to the transmitters user manual.
2. Power on the receiver while holding the bind button. If the receiver’s LED is flashing this means it has entered bind mode.
   If binding is successful the receiver’s LED will stop flashingand remain solid.
3. Restart the receiver and check to make sure the model and receiver work as expected. If anything does not work as correctly, restart this procedure from the beginning.

Product Specifications

- Channels: 8
- Model type: Multi-rotor
- RF range: 2.408-2.475GHz
- Bandwidth: 500KHz
- RF channel: 135
- RF power: <20dBm(EU)
- RXsensitivity:-92dBm
- 2.4GHzsystem:AFHDS 2A
- Modulation type: GFSK
- Low voltage alarm: None
- DSC port: PPM/ i-BUS
- Chargeable: None
- Antenna length: 93mm
- Power input: 4.0 ~ 8.4V

- On-line update: None
- No ground interference (Transmitting and receiving lm from the ground): >300m
- Operating current: 50mA
- Size: 32*22.5*7.Smm
- Weight:3.7g
- Certificate: CE, FCC

Certification

FCC regulatory compliance information

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.

End product labelling requirements

Please notice that if the FCC identification number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains FCC ID: N4ZX8B00" any similar wording that expresses the same meaning may be used.

Part 15.19 Labelling requirements shall be followed and implemented on end user device. Integrator please notice to bear the following statement in a conspicuous location on the device:

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.

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 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Installation Notice

The module is limited to OEM installation ONLY.
The OEM integrator is responsible for ensuring that the end-user has no manual instruction to remove or install module. The module is limited to installation in mobile application; A separate approval is required for all other operating configurations, including portable configurations with respect to Part 2.1093 and difference antenna configurations.

FCC Part 15B Compliance of End Device

The OEM integrator is responsible for ensuring that the host product which is installed and operating with the module is in compliant with Part 15B unintentional Radiator requirements, please note that For a Class B digital

device or peripheral, the instructions furnished the user manual of the end-user product shall include the following or similar statement, placed in a prominent location in the text of the manual:

Note: 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.

FCC ID： N4ZX8B00

http://www.flysky-cn.com

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