



Digital Proportional Radio Control System



Http://www.flysky-cn.com
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Release date: 2017-11-24



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 transmitter's on-board help files or instruction manual first. If the problem persists, contact your local dealer or contact us by email at: flyskycn@flysky-cn.net

Precautions

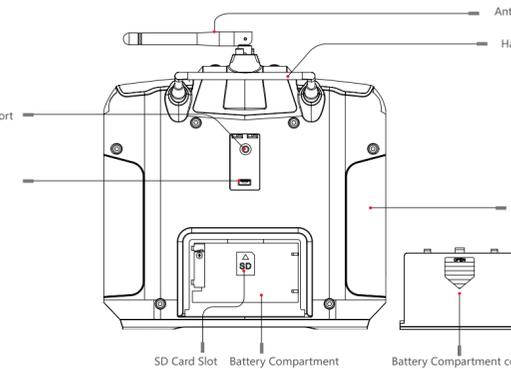
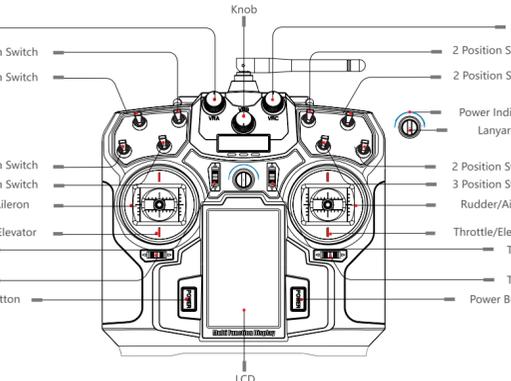
Read the safety messages listed below before operation!

- 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:



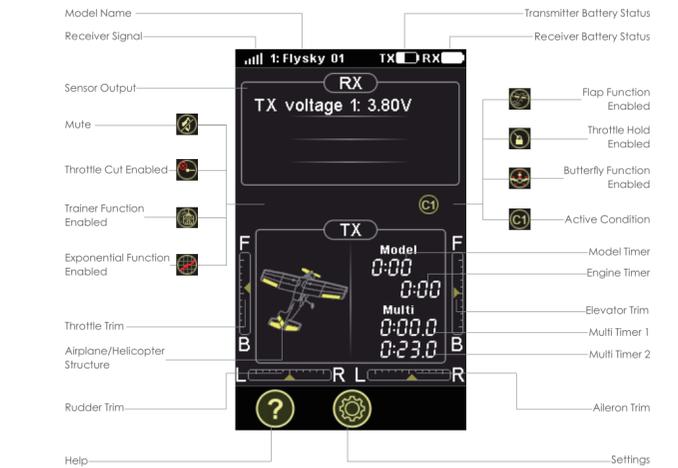
- Do not use this product when you are tired, uncomfortable, or under the influence of alcohol or drugs. Doing so may cause serious injury to yourself or others.
- The 2.4GHz radio band is limited to line of sight. Always keep your model in sight as a large can block the RF signal and lead to loss of 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 or speed control, 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 motors 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.
- The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.
- Hereby, [Flysky Technology co., Ltd] declares that the Radio Equipment [FS-i8] is in compliance with RED 2014/53/EU.
- The full text of the EU DoC and Appendix 1 of the FCC Statement are available at the following internet address: www.flysky-cn.com
- CAUTION**
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Transmitter Overview



For more information on transmitter please refer to the products user manual (2017/09).

Screen Overview



These are located on the bar at the bottom of the LCD.

- Back button: Use this icon to return to a previous menu or exit a function.
- Default button: This icon resets the current page to its default parameters.
- Assign Switch: Some functions require, or are assignable to a hardware switch (SWA ~ SWH) or knob (VRA ~ VRC).
- Enable/Disable: These icons enable and disable the current function. When the tick icon is visible the function is active.

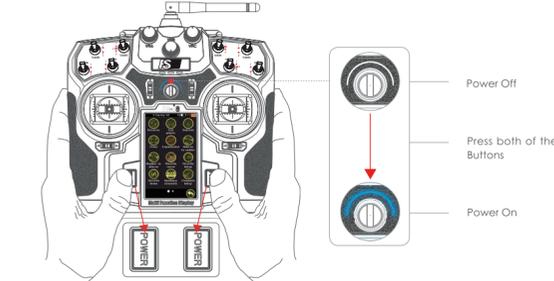
Basic Operations

Install the Battery

- Remove the battery compartment cover.
- Insert the battery making sure the contacts on the battery, and in the system are properly aligned.
- Replace the battery compartment cover.

Power on

- Make sure that all switches are at their highest position and throttle is at its lowest position.
- Hold down the two power buttons on each side of the screen until the status indicator lights up.
- Connect the receiver power supply.



- If the switches and throttle are not in their correct positions, the system will display a warning message.

Bind with Receiver

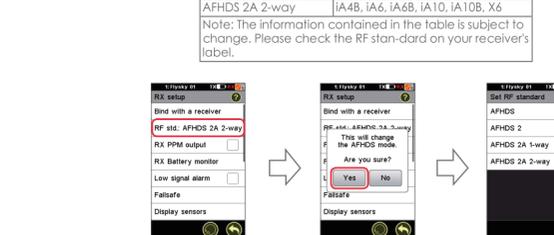
The transmitter and receiver have been pre-bound before delivery. If you are using another transmitter or receiver, follow the steps below to bind the transmitter and receiver:



Model Setup

Model Setup

- Touch the plane picture on the main screen and then select [Modify...] in the [Airplane structure] screen.
- Select the control surfaces that your model has.
- Select [Back] to exit the menu.



- Connect the bind cable to the B/VCC port on the receiver.
- Connect the power to any other port with the correct polarity. The indicator will start to flash quickly, indicating that the receiver is in bind mode.



- Select [Bind with a receiver] on the transmitter, and press [Yes] to enter bind mode.
 - For [AFHDS 2A 2-way], when binding is complete, the transmitter will exit the binding is complete, the indicator on the receiver starts to flash slowly or light up. Select [Back] to exit the bind menu.



- Remove the bind cable from the receiver and disconnect the power cable. Then connect the power cable to the B/VCC port with the correct polarity.
- Check if all the servos work as expected. If anything does not work as expected, restart this procedure from the beginning.

Specifications

Number of Channels	8
Model Type	Fixed-Wing/Glider/Helicopter
Frequency Range	2.408-2.475 GHz
Bandwidth	500KHz
Bands	135
Transmission Power	< 20dBm
Receiving Sensitivity	-95dBm
2.4GHz Protocol	AFHDS 2A / AFHDS
Modulation Mode	GFSK
Transfer method	FHSS
Channel Resolution	4096
Channel delay	< 15ms
Low Voltage Alarm	< 3.7V
Data Output	Micro-USB
Antenna Type	26mm
Input Power	3.7V
Display	WQGA 3.55 inch TFT color screen 240 * 400 dot, white backlight, resistive touch screen
Update Method	Micro-USB
Open ground without interference	> 300m
Rated power	> 1W
Channel Data Parameters	Median: 1500 us; Range: 1000 ~ 2000 us
Dimensions	190*95*255mm
Color	Black
Weight	720g
Safety Certification	CE, FCC

Power Off

- Disconnect the receiver from power. The system will not power off if the receiver is still connected.
- Hold down the power buttons on each side of the screen.

- Make sure to disconnect the receiver's power before turning off the transmitter. If the receiver is still on, the system will prompt "For your safety, please turn off the receiver first.". If you turn off the transmitter forcefully, it may lead to unintended operation and cause an accident.



Model Setup

- Select [Setup], swipe left to right on the screen and then select [Models].
- Select [Set model type], and then [Helicopter]. Select [Yes] to confirm. Then the [Helicopter structure] screen displays.
- Select the configurations that your model has and then select [Back] to exit the menu.

