

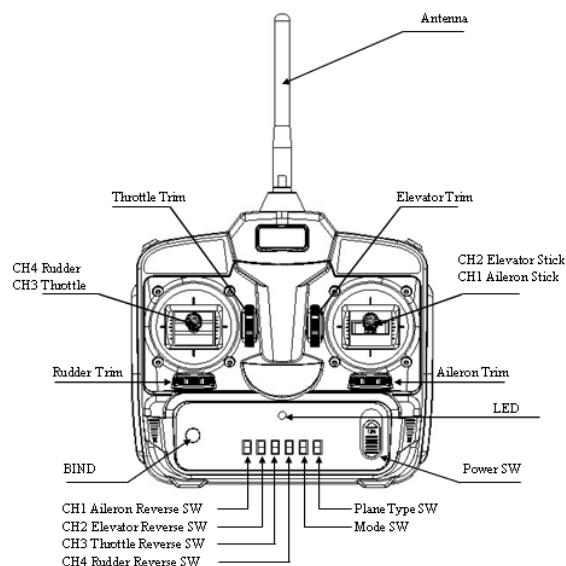


2.4G FHSS Technology

F-4

4-Channel 2.4G Radio Control System

## INSTRUCTION MANUAL



## WARNINGS

1. This product is only equipped for radio controlled models;
  2. The usage of this product should be approved by local relevant law or regulations;
  3. We will not be responsible for the damages caused by unauthorized modification, adjustment or replacement of parts of this product;
  4. The manual may be altered without prior notice. Please contact us if you have any corrections or clarifications that should be made in the manual.
- Before starting the transmitter, make sure the transmitter batteries are well loaded. The voltage of transmitter batteries is never lower than 4.6V. And please check and confirm that the servos are all well and properly connected.
- Keep the radio system away from moist, high temperature and strong shake. Do not clean the product with solvent.
- The antenna does not touch anything else when power switch is turned on. Do not leave this product and its accessories within the reach of small children.
- Please use this product according to your local relevant law or regulation, we are not responsible for any incidents or damages.

## Transmitter/Receiver Binding

1. Power on the receiver, the LED of transmitter flash slowly to show it is scanning the transmitter. After about 6 seconds, the receiver goes to binding mode, the LED flash quickly.
2. Press and hold the BIND button, then power on the transmitter. The LED of transmitter flash with RED and GREEN, the transmitter goes into binding mode.
3. Transmitter and receiver begin to bind. After binding is completed, the LED of transmitter and receiver will change to solid GREEN. Otherwise, please repeat the above operation again.

## Turn ON And Turn OFF

## Turn on

Power on the transmitter, the LED of transmitter turns GREEN.

Power on the receiver, when the LED of receiver turns GREEN, the device is paired and prepared to work.

## Turn off

Remove the power of receiver.  
Power off the transmitter.

## Low Battery Warning

When the LED starts blinking quickly with RED and GREEN, please change the battery immediately.  
Do NOT operate your radio below low battery. Always shut your device off as soon as possible after the low battery warning loss of control.

## Connection Diagram

Switch	Switch 1	Switch 2	Switch 3	Switch 4	Switch 5	Switch 6
Reverse	Aileron Reverse	Elevator Reverse	Throttle Reverse	Rudder Reverse	Mode1 Mode2	Fixed-Wing Delta

## DELTA MODE

➤ Receiver channel distribution:

Ch1: Aileron Ch2: Elevator Ch3: Throttle Ch4: Rudder

➤ Switch to "DELTA" position and enter DELTA mode, aileron and elevator is mixed, as for triangle planes, tailless planes.

Transmitter	Receiver Channel Mixing	
Stick	CH1	CH2
Aileron Stick	+50%	+50%
Elevator Stick	+50%	-50%

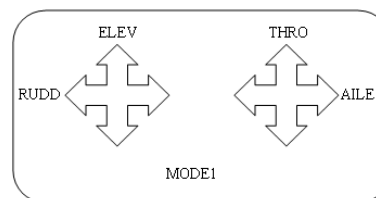
## FIXED-WING MODE

➤ Receiver channel distribution:

Ch1: Aileron Ch2: Elevator Ch3: Throttle Ch4: Rudder

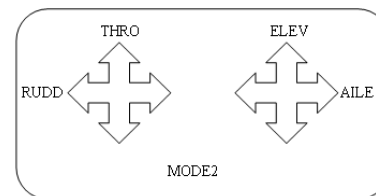
➤ Switch to "FIXED-WING" position and enter FIXED-WING Plane mode.

## MODE



Receiver Channel Distribution:

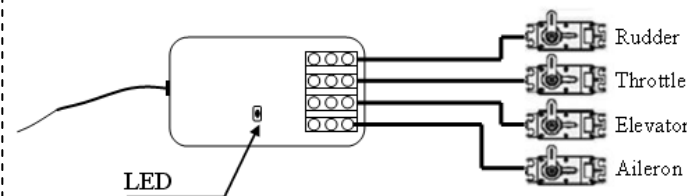
CH1:Aileron  
CH2:Elevator  
CH3:Throttle  
CH4:Rudder



Receiver Channel Distribution:

CH1:Aileron  
CH2:Elevator  
CH3:Throttle  
CH4:Rudder

## Receiver



## Technology Data

## Transmitter

Item: F-4

Channels: 4

Resolution: 1024

Frequency: 2.4GHz ISM Frequency Range

Spread Spectrum Mode: FHSS

Frequency point: 152PCS

Bandwidth: 500kHz

Frequency interval: 4M

Output Power: ≤100mW

Working current: ≤150mA

Working voltage: 1.2V\*4NiCad/NiMH

Dimensions: 152mm \* 163mm \* 65mm

Net weight: 252g

## Receiver

Channels: 4

Frequency: 2.4GHz ISM Frequency range

Spread Spectrum Mode: FHSS

Power: 4.8-6.0V

Measurement: 30.1mm \* 17.4mm \* 11.7mm

Net weight: 3.6g

**FCC WARNING**

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.

NOTE 1: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.