

# iF8-E FPV REMOTE CONTROLLER

快速操作指南 / USER MANUAL



## Introduction

Thank you for purchasing the iFlight iF8-E 2.4g remote control system. The system is powerful and versatile and can be used by beginners to professionals. In order to ensure the correct and safe use of this product, please read this manual carefully before use. The information contained in this manual is subject to change without notice.

-Team iFlight



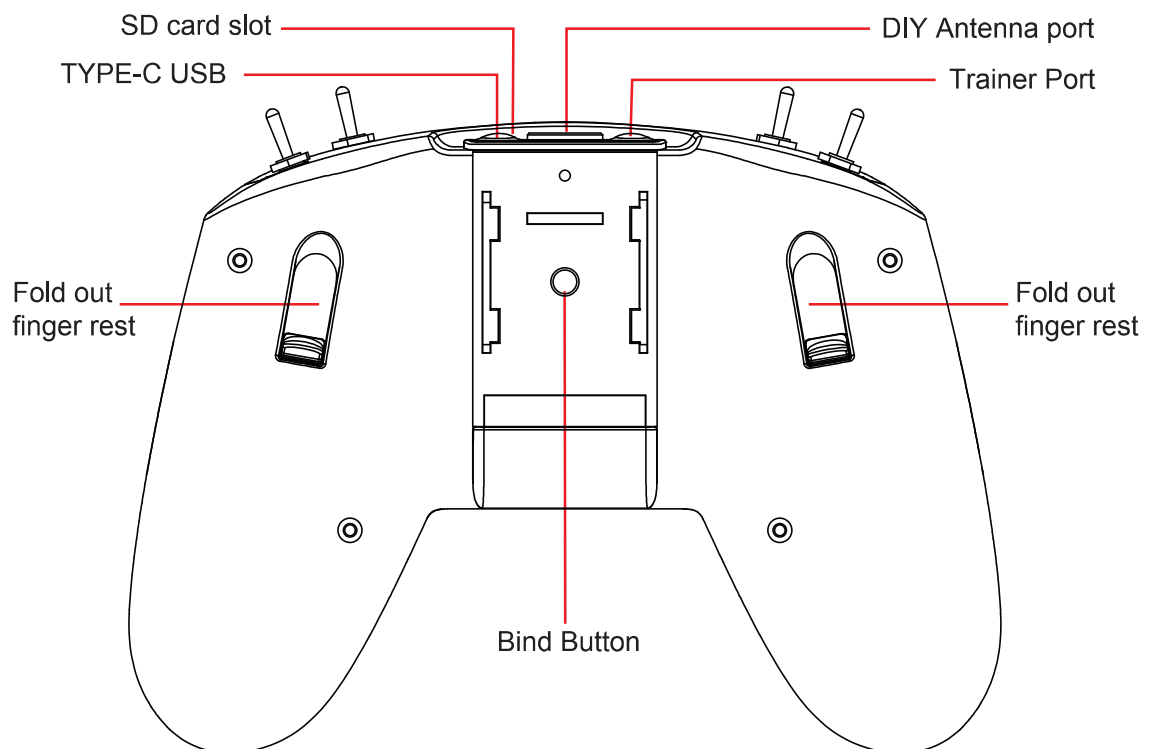
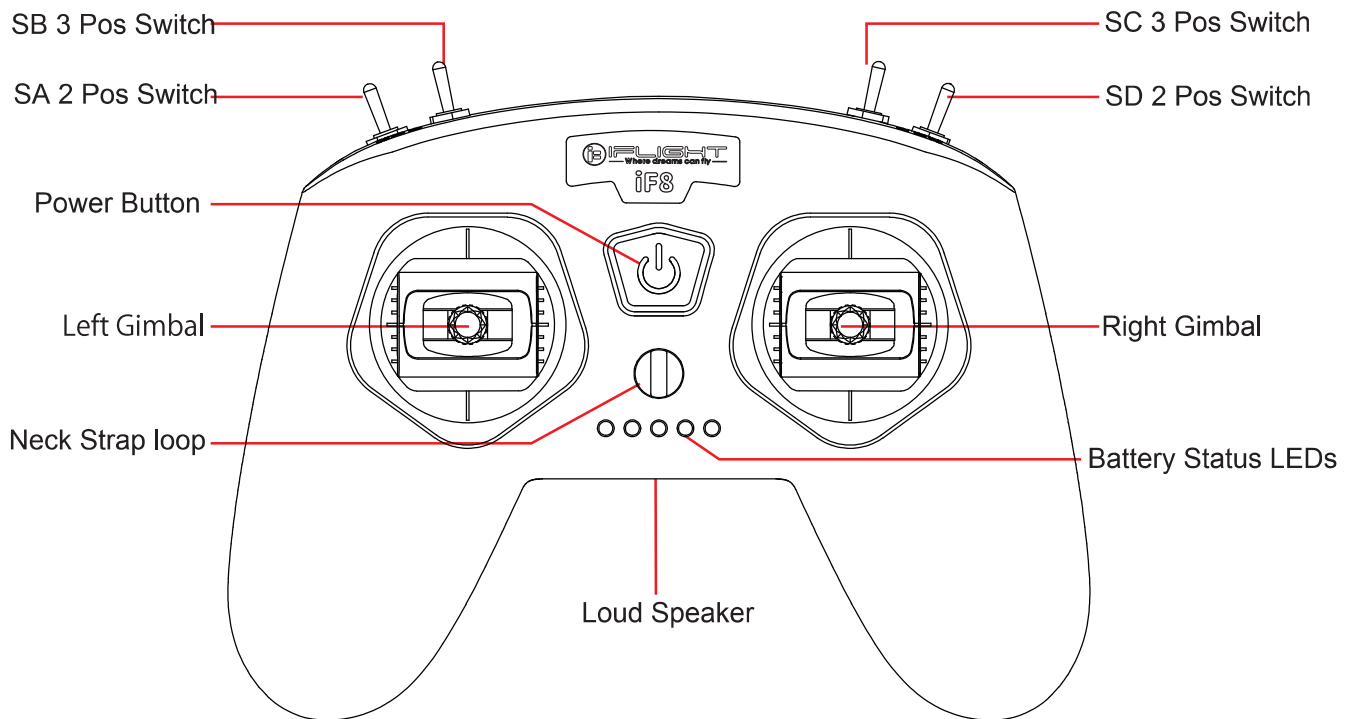
## Safety notice

Many remote-control models are equipped with powerful motors and sharp propellers. When using or maintaining models, proceed with caution. When performing assembly or maintenance, make sure to disconnect the power to the model and remove the propellers.

Do not operate the iF8-E remote-control system under the following conditions:

- In severe weather or strong wind conditions, such as rain, hail, snow, storms or highly electromagnetic environments.
- In any situation where visibility is limited.
- In areas where people, property, high-voltage power lines, public roads, vehicles or animals may be present.
- If you feel tired or unwell, or under the influence of drugs or alcohol.
- If the remote control or model seems to be damaged or not working properly.
- In areas with high 2.4GHz interference or where 2.4GHz radio is prohibited.
- When the battery voltage is too low.
- In areas where local regulations prohibit the use of aviation models.

## Switches and Functions





## Charging Instructions

The iF8-E has a built in 1000mah 3.7v Battery. The built in USB-C charger will charge your batteries by connecting the supplied USB-C cable to any suitable USB power outlet. We suggest using a regular 1-2amp 5v USB power adapter.

Charge status and battery Level:

The 5 LEDs below the neck strap loop indicate the charging status. When the LEDs light up from left to right the iF8-E is charging. Each of the 5 LEDs indicates 20% of the battery capacity. 5 LEDs shows 100% charge, 4 LEDs 80%, 3 LEDs 60%, 2 LEDs 40%, 1 LED 20%. When the radios power is low and the iF8-E requires charging all 5 battery status LEDs will flash at the same time. Please recharge the batter before using the radio any further

Status	Indicator light
Power Level	Five indicator lights indicate 0-100% power, and on average each indicator indicates 20% power
	<div style="display: flex; justify-content: space-around; align-items: center;"> <span>○</span> <span>○</span> <span>○</span> <span>○</span> <span>○</span> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <span>20%</span> <span>40%</span> <span>60%</span> <span>80%</span> <span>100%</span> </div>
Recharge	The indicator light flashes from 1 to 5 cycles, indicating that it is charging, and all the indicator lights are always on after the charging is completed



## Power on/off

Power on: Press and hold the power button, the five status LEDs will light up sequentially followed by a beep. Let go of the power button after you hear the beep.  
 Power off: Press and hold the power button, the five status LEDs will turn off sequentially followed by a beep. Let go of the power button after you hear the beep.

Default channel order:

CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
Aileron	Elevator	Throttle	Rudder	SA 2Position	SB 3Position	SC 3Position	SD 2Position



## Binding your iF8-E

### Bind mode for D8 protocol receivers

1. Turn on the transmitter and keep the throttle at its lowest position. Press and hold the bind button for longer than 1 second, the transmitter will start beeping in a beep-beep-beep pattern, signaling D8 mode. If the transmitter beeps in a beep (x2) -beep(x2)-beep(x2) pattern, this means the transmitter is in D16 mode and the bind button should be pressed momentarily to return to D8 mode.
  2. Power on the receiver, press the bind button on the receiver within 3 seconds to enter bind mode on the receiver.
  3. The red light on the receiver will flash, signaling that the unit has bound successfully. Turn the receiver off and on again for the unit to function correctly.
- Note: D8 receivers made by different manufacturers may have different binding procedures. Refer to the user manual for precise binding instructions.

### Bind mode for D16 protocol receivers(D16 V1 FCC)

1. Turn on the transmitter and keep the throttle at its lowest position. Press and hold the bind button for longer than 1 second, the transmitter will start beeping in a beep(x2)-beep(x2)-beep(x2) pattern, signaling D16 mode. If the transmitter beeps in a beep-beep-beep pattern, this means the transmitter is in D8 mode and the bind button should be pressed momentarily to return to D16 mode.
  2. Power on the receiver, press the bind button on the receiver within 3 seconds to enter bind mode on the receiver.
  3. The red light on the receiver will flash, signaling that the unit has bound successfully. Turn the receiver off and on again for the unit to function correctly.
- Note: D16 receivers made by different manufacturers may have different binding procedures. Refer to the user manual for precise binding instructions.



## Specifications

Size: 160\*130\*45mm

Weight: 230±5g

Frequency: 2.400GHZ-2.480GHZ

RF Module: Multi-Protocol Module Compatible Single chip(CC2500)

Protocol Options: D8/D16

Transmission power: 20dbm

Antenna gain: 2db

Range:~1km @ 20dbm (depending on the receiver)

Battery: Built in 3.7v 1000mah Lithium battery

Charging: Built in USB-C charging

Channels: Up to 8 channels (depending on the model / receiver)

Gimbal: High-precision potentiometer sensor gimbal



## Warranty and Support

If there is any problem with your remote-control hardware, please keep the proof of purchase and contact the retailer where you purchased the iF8-E. Technical support can be found at <https://www.iflight-rc.com>.

Or join our Facebook group for community support <https://www.iflight-rc.com>



## EU Simple Declaration of Conformity

iFlight declares the radio equipment iF8-E is in compliance with EU directives Directive 2014/53/EU. Full text of the declaration of conformity is available at the following website [www.iflight-rc.com](http://www.iflight-rc.com)

## Manufactured by

iFlight Innovation Technology Ltd.

Address: Floor5 NO.3, Shenghua Road,Zhongkai Hi-tech Area,Huizhou,CN



FCC ID: FCC ID: 2AV3G-T8

## FCC Information

This equipment has been tested and found to comply with the limits for Part 15 of the FCC rules. 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. Full text of the declaration of conformity is available at the following website [www.iflight-rc.com](http://www.iflight-rc.com)



## CAUTION:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This product contains a radio transmitter with wireless technology which has been tested and found to be compliant with the applicable regulations governing a radio transmitter in the 2.400GHz to 2.4835GHz frequency range.

## Antenna Separation Distance

When operating your iFlight transmitter, please be sure to maintain a separation distance of at least 20 cm between your body (excluding fingers, hands, wrists, ankles and feet) and the antenna to meet RF exposure safety requirements as determined by FCC regulations.