Sub250

Quick Start Manual

1 **How to bind?**

DJI goggles and CADDX Vista and DJI Radio

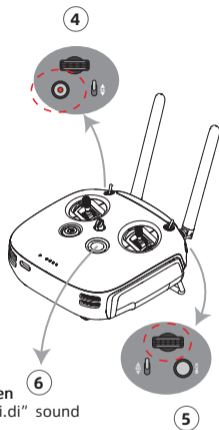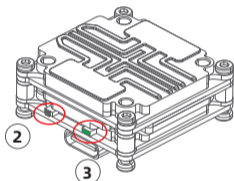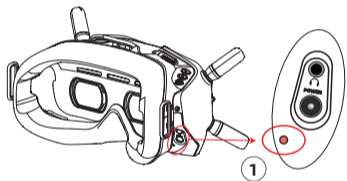① DJI Goggles bindbutton ④ DJI Radio REC button

② VISTA Bind button ⑤ DJI Radio Right scroll wheel

③ VISTA Light ⑥ DJI Radio C1 button

1.Power the glasses and the aircraft

2.Wait for the goggles display to show OSD，Wait for the Vista light to turn from red to green

3.Use a sharp tool to press the bind button of DJI goggles，the goggles will Make a "di...di.di" sound

4.Press the bind button for vista，The light turns from green to red，Enter the bind state
　The goggles stopped making noise，vistaThe light turns from red to green，bind ok！

DJI Radio and vista bind

Ignore this step if you are not using a DJI radio

Press the marked button at the same time ④ ⑤ ⑥ the Radio will Make a "di...di...di" sound

Repeat Step 4，The Radio stopped making noise,bind ok！

How to bind OPENTX Radio and TBS nanoRX

Your radio needs to have the TBS Crossfire TX module installed

Press and hold the Menu key to access the page

1
```
TOOLS
  01 FrSky GaSuite
  02 FrSky SBEC
  03 FrSky SxR
  04 crossfire
  05 ......
```

2
```
CROSSFIRE SETUP
XF Micro TX
XF Wifi
```

3
```
XF Micro TX
SET Failsafe
Bind
General
  Max Power
  Dyn Power
  Frequency
......
```

4
```
XF Micro TX
SET Failsafe
Bind      Binding
Ge
M
Dy   [EXIT]
Fr
```

5
XFnano
45

6
```
XF Micro TX
SET Failsafe
Bind  Update Micro RX?
Ge
M
Dy   [EXIT]   [ENTER]
Fr
```

7
```
XF Micro TX
SET Failsafe
Bind  Update Receiver 1%    wait. to...100%
Ge
M
Dy   [EXIT]
Fr
```

8
```
XF Micro TX
SET Failsafe
Bind          [Binding OK]
General
  Region      Open
  Dyn Power   25mW
  Frequency   Off
  Max Power   915MHz
```

Press and hold this button to power the aerocraft, then release the button and hold again for 10 seconds until the red light slowly flashes
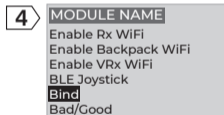
How to bind OPENTX Radio and ELRS SPI Receiver

Your radio needs to have the ELRS TX module installed

Open Betaflight---click Receiver---click Bind Receiver

1		
📷 Receiver		
▤ Mode		
⛭ Adjustments	Bind Receiver	Save

Press and hold the Menu key to access the page

2	TOOLS
	01 FrSky GaSuite
	02 FrSky SBEC
	03 FrSky SxR
	04 crossfire

3	Crossfire Steup
	Module Name

4	MODULE NAME
	Enable Rx WiFi
	Enable Backpack WiFi
	Enable VRx WiFi
	BLE Joystick
	Bind
	Bad/Good

How to bind OPENTX Radio and Frsky D16 SPI Receiver

Open Betaflight---click Receiver---click Bind Receiver

1

🔘 Receiver	
🎚 Mode	
🎛 Adjustments	**Bind Receiver** **Save**

Enter the MODEL SETUP Page

2

```
MODEL SETUP
Interna RF
Mode            D16
Channel Range   CH1-16
Receiver        01[Bind] Range
Failsafe mode   not set
External RF
Mode            OFF
```

3

```
MODEL SETUP
Interna RF
Mode            D16
Chan
Receiv          Ch1-8 Telem ON
Failsaf         Ch1-8 Telem OFF
Externa         Ch9-16 Telem ON
Mode            Ch9-16 Telem OFF
                OFF
```
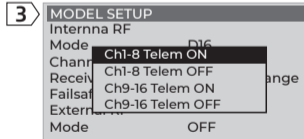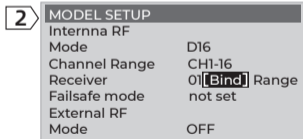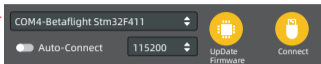
2 Use Betaflight Set the Flight mode

First you need to install "betaflight.exe" before we can proceed
1.After the installation is complete, open Betaflight, Connect FC to computer with USB cable
2.If the computer recognizes FC,
COM Betaflight STM32XXXX will appear in the upper right corner
Remove the propeller, Turn on Radio, power the aircraft

Tips:If your computer does not recognize FC, please use "ImpulseRC_Driver_Fixer.exe" to install the correct driver

"ARM" is to unlock the motor,to the right of "ARM", select AUTO, Select a switch on the remote and press,
The indicator will jump,Drag the Yellow line segment to the yellow indicator point, once you're done,
Click "SAVE" in the lower right corner,This switch is set to unlock.
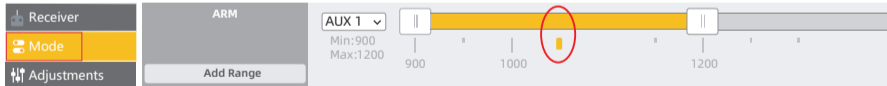
"Angle" mode can assist you to correct the attitude of the aircraft. If you are not familiar with Acro Mode,
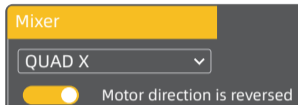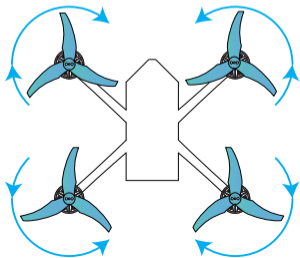please enable this mode for flight
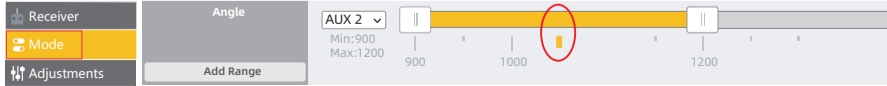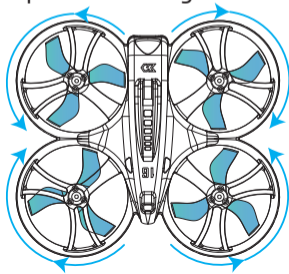
3 How to Properly Install a Propeller

Aircraft with protective rings installed, the propeller rotates outward,
And aircraft without protective rings rotate inward

| Servos |
| Motors |
| VideoTransmitter |

Mixer

QUAD X

Motor direction is reversed

Mixer

QUAD X

Motor direction is reversed

No protective ring is installed

A protective ring is installed

4 ⟩ Ready to take off

1. First, You need to secure the battery, Make sure that the battery plug will not touch the propeller.
   Please place the aircraft on a flat ground or a take-off platform (better use a landing pad)

2. Flip the "ARM" switch you set, the motors will be armed, the propellers will start turning,
   Then push the throttle and start flying

Caution: ⚠️
If you are operating an aircraft for the first time, stay away from crowds
If anything abnormal occurs during takeoff,
Please flip the "ARM" switch again and the propeller will stop rotating

Finally, wish you have a pleasant flight experience！
Please feel free to contact us If you have any questions：

✉️ **Email: support@sub250.com**   **www.sub250.com**