

Specification

Wheelbase: 90mm
Dry weight: 39g (Exclude battery)
Size: 118mm*118mm*70mm
Flight controller: SPRACING F3 EVO BRUSH
Firmware version: Cleanflight 1.13.0
2.4G Receiver: Frsky compatible 8ch Receiver
Motor size: 8520 Brushed
Propeller diameter: 55mm
Camera: 520TVL HD CMOS 1/4 inch camera
VTX: 5.8g 25mw 32ch
Battery: 3.7v 600mah

Components	BNF	Part No
QX90 Airframe	Include	QX90F
Motors -8.5mm Brushed	Include	QX906CW/ QX906CCW
Flight controller	Include	QX907
Frsky compatible 8ch Receiver	Include	QX908
5.8G VTX w/ Camera antenna	Include	QX90V
Propeller	Include	QX911
Lipo-battery	Include	QX912
Charger cable	Include	QX913
Propeller Disassembly tool	Include	Qx914

CAUTION: Read and follow all instructions and warnings in the manual prior to setup or use. Failure to operate the product correctly can result in damage to the product, personal property and/or injury. This is a sophisticated hobby product. It must be operated with caution and common-sense and requires some basic mechanical ability.

Age Recommendation: Not for children under 14 years. This is not a toy.

Operating Safety Precautions

- As the user of this product, you are responsible for operating it safely, not endangering yourself and others, or damaging the product or the property of others.
- Operate your product in open spaces away from people and property.
- Never operate your product with damaged electrical components.
- Keep the transmitter powered on while model is powered on.
- Let parts cool after use before touching, motors will get hot in use.
- Remove batteries after use, as applicable.

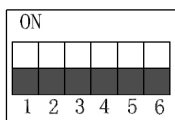
General Product Safety Precautions

- Keep all batteries, chemicals, small parts and anything electrical out of the reach of children.
- Avoid water exposure to this product. Keep parts dry.
- Keep moving parts clean.

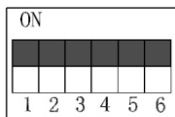
5.8G VTX channels list

Frequency group A	CH1:5865 CH2:5845 CH3:5825 CH4:5805 CH5:5785 CH6:5765 CH7:5745 CH8:5725
Frequency group B	CH1:5733 CH2:5752 CH3:5771 CH4:5790 CH5:5809 CH6:5828 CH7:5847 CH8:5866
Frequency group E	CH1:5705 CH2:5685 CH3:5665 CH4:5645 CH5:5885 CH6:5905 CH7:5925 CH8:5945
Frequency group F	CH1:5740 CH2:5760 CH3:5780 CH4:5800 CH5:5820 CH6:5840 CH7:5860 CH8:5880

Move Dip 1/2/3/4/5 to change the channel ,
Move Dip 6 to reverse the display



Dips 1-2-3-4-5-6 are "off"



Dips 1-2-3-4-5-6 are "on"

Charge the Flight Battery

NOTICE: Inspect the battery to make sure it is not damaged e.g., swollen, bent, broken or punctured. Charge only batteries that are cool to the touch and are not damaged.

Connect the 2 batteries and the charge cable , then connect the cable to 2S Balance charge (Not include) like B3PRO, 3S10D, 4S15D, Charsoon DC-4S, etc.

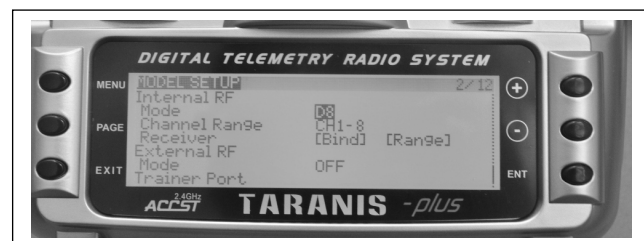
⚠CAUTION: Only use 2 batteries together to charging

⚠CAUTION: Once charging is complete, immediately remove the battery. Never leave a battery connected to the charger.

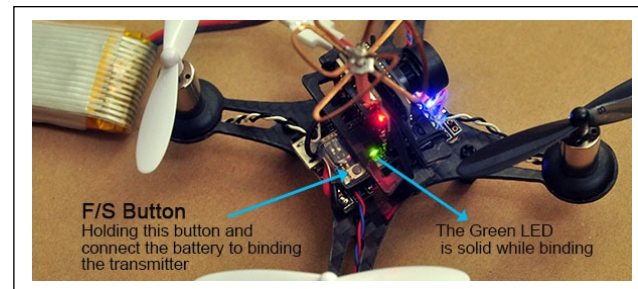


Binding Procedure

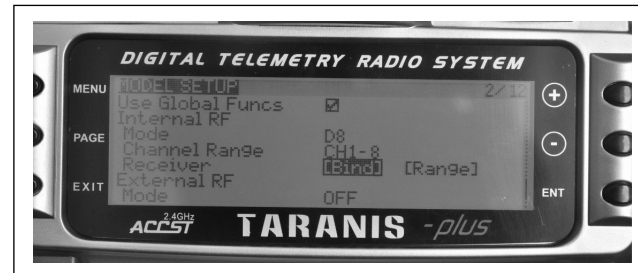
1. Turn on the transmitter , select D8 mode for the Receiver



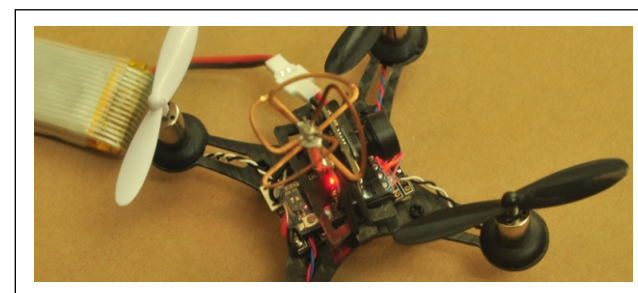
2. Holding the F/S button on the receiver and then connect the battery, the Green led is solid



3. Go to the Receiver [Bind] option, and ENT to Bind with the receiver, The transmitter beeps

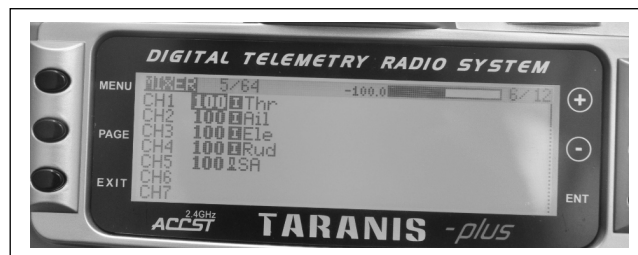


4. The green LED on the receiver will turning off, this indicates that the bind process was successful. Reconnect the battery for the QX90, and the green LED on the receiver is solid again.



Set the switch to ARM/DISARM the motor

1. Turn on the transmitter and move to the MIXER interface, Set "SA" or "SB" switch etc. for Ch5 to ARM/DISARM the motor



2. The QX90 BNF was set AUX1(CH5) to ARM/DISARM the motor before shipping, you can also customize it



3. The blue LED on the flight controller Will solid once the motor was armed

