FLYWOO Chasers-138 FPV Freestyle Drone PNP/BNF MANUAL
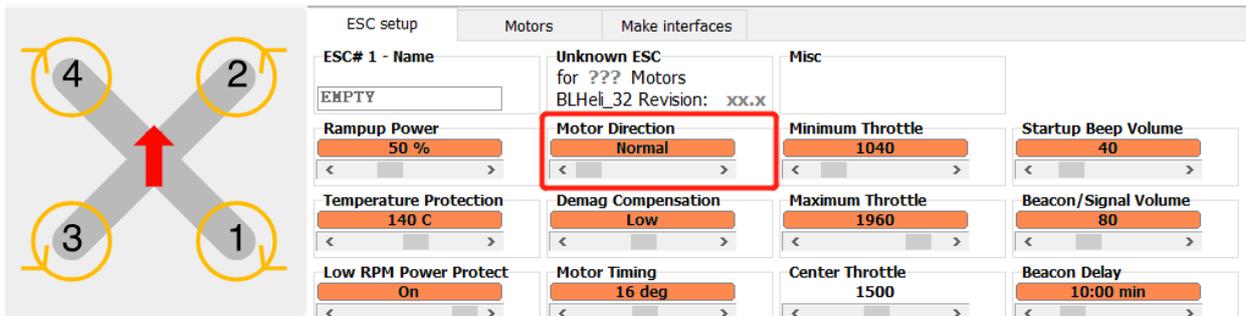
Instructions:

1. Default UARTS port Settings
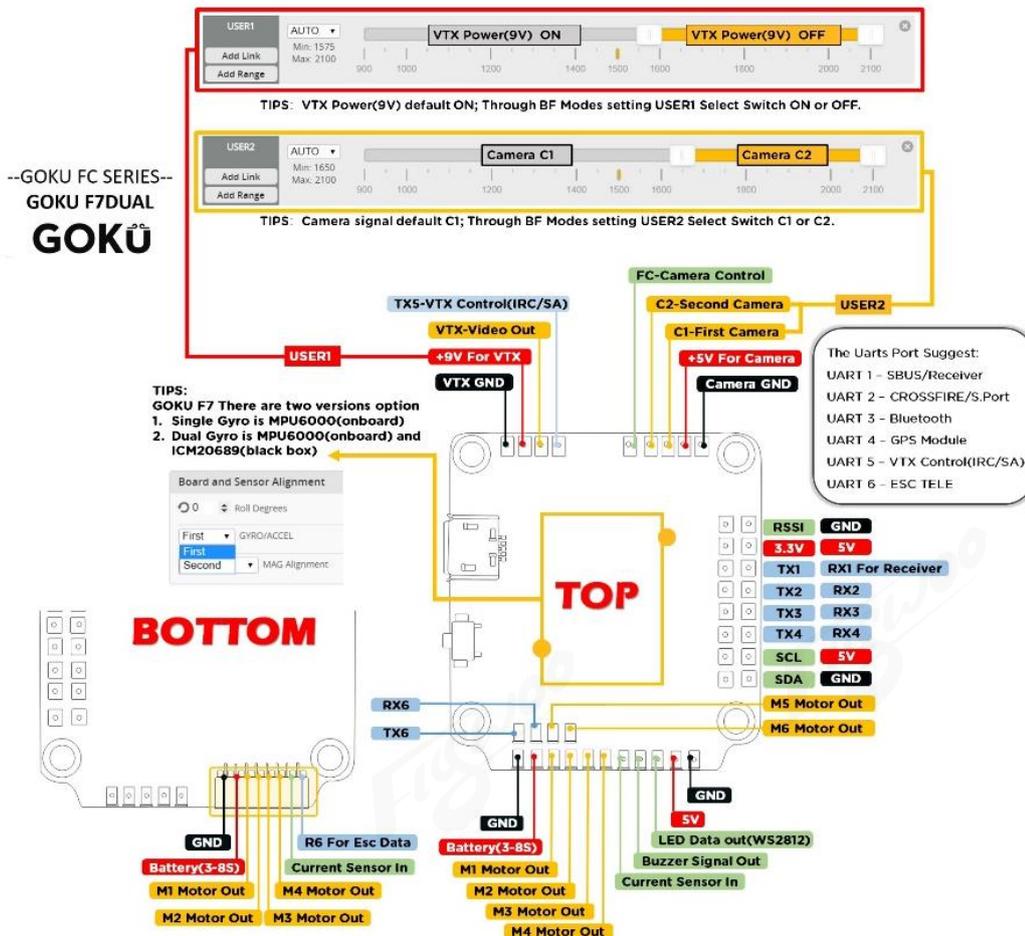
Identifier	Configuration/MSP	Serial Rx	Telemetry Output		Sensor Input		Peripherals	
USB VCP	115200 ▼		Disabled ▼	AUTO ▼	Disabled ▼	AUTO ▼	Disabled ▼	AUTO ▼
UART1	115200 ▼		Disabled ▼	AUTO ▼	Disabled ▼	AUTO ▼	Disabled ▼	AUTO ▼
UART2	115200 ▼		Disabled ▼	AUTO ▼	Disabled ▼	AUTO ▼	Disabled ▼	AUTO ▼
UART3	115200 ▼		Disabled ▼	AUTO ▼	Disabled ▼	AUTO ▼	Disabled ▼	AUTO ▼
UART4	115200 ▼		Disabled ▼	AUTO ▼	Disabled ▼	AUTO ▼	Disabled ▼	AUTO ▼
UART5	115200 ▼		Disabled ▼	AUTO ▼	GPS ▼	AUTO ▼	Disabled ▼	AUTO ▼
UART6	115200 ▼		Disabled ▼	AUTO ▼	ESC ▼	AUTO ▼	Disabled ▼	AUTO ▼

Board and Sensor Alignment

↻ 0 Roll Degrees	◑ 0 Pitch Degrees	↶ -90 Yaw Degrees
First ▼ GYRO/ACCEL	CW 180° flip ▼ First GYRO	
Default ▼ MAG Alignment		

2. Setting motor direction, connect usb, use BLHeliSuite software to set direction and calibrates the throttle.

ESC setup	Motors	Make interfaces

ESC# 1 - Name
EMPTY

Unknown ESC
for ??? Motors
BLHeli_32 Revision: xx.x

Misc

Rampup Power	Motor Direction	Minimum Throttle	Startup Beep Volume
50 %	Normal	1040	40
Temperature Protection	Demag Compensation	Maximum Throttle	Beacon/Signal Volume
140 C	Low	1960	80
Low RPM Power Protect	Motor Timing	Center Throttle	Beacon Delay
On	16 deg	1500	10:00 min

3. Wiring diagram

--GOKU FC SERIES--
GOKU F7DUAL
GOKU

USER1 — VTX Power(9V) ON / VTX Power(9V) OFF
Min: 1575 Max: 2100

TIPS: VTX Power(9V) default ON; Through BF Modes setting USER1 Select Switch ON or OFF.

USER2 — Camera C1 / Camera C2
Min: 1650 Max: 2100

TIPS: Camera signal default C1; Through BF Modes setting USER2 Select Switch C1 or C2.

TIPS:
GOKU F7 There are two versions option
1. Single Gyro is MPU6000(onboard)
2. Dual Gyro is MPU6000(onboard) and
   ICM20689(black box)

The Uarts Port Suggest:
UART 1 – SBUS/Receiver
UART 2 – CROSSFIRE/S.Port
UART 3 – Bluetooth
UART 4 – GPS Module
UART 5 – VTX Control(IRC/SA)
UART 6 – ESC TELE

Betaflight APP

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