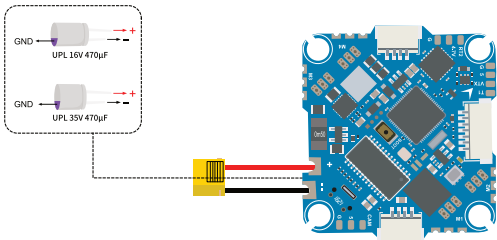


iFlight Succex-D Whoop v3.2 Wiring diagram

Caution

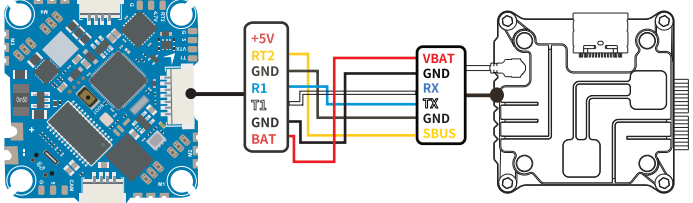


- This is a tiny high power AIO board! It’s necessary to add a low ESR capacitor on your battery pads or battery lead! There’s a choice of capacitors already in the package.
- Small 4S motors usually need 16V/220µF and up. It’s necessary to protect the hardware from motor generated back EMF and voltage spikes.

Use DJI transmitter

Firmware Target:IFLIGHT\_F411-PRO(IFRC)

FC plug&play port and setup compatible to Caddx Vista



Caddx Vista 7.4V-26.4V

Identifier	Configuration/MSP	Serial Rx
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART1	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>

- Please check your protocols, otherwise your DJI Radio won't input signals!  
DJI Goggle protocol and Betaflight protocol has to match!  
For lower signal latency use the SBUS\_BAUD\_FAST protocol option on both ends.  
For Betaflight Copy/Paste "set sbus\_baud\_fast=on" into your Betaflight Configurator CLI then hit enter.  
Use "save" and hit enter to save the changes .  
Default: sbus\_baud\_fast=off, Goggle protocol set to NORMAL

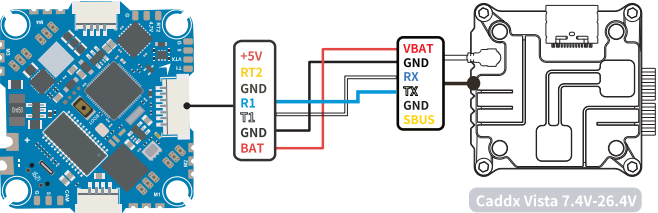
Receiver

Serial-based receiver (SPEKSAT,  $\xi$ ) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX\_SERIAL feature.

SBUS Serial Receiver Provider

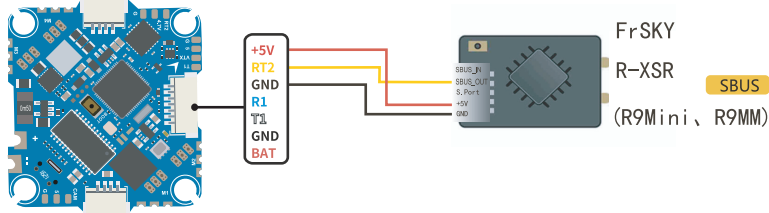
Any other transmitter



Caddx Vista 7.4V-26.4V

To free UART2 to use a 3rd party receiver, do NOT connect the Caddx Vista SBUS and GND(ai in the picture). Please follow further instructions below.

Identifier	Configuration/MSP	Serial Rx
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART1	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>

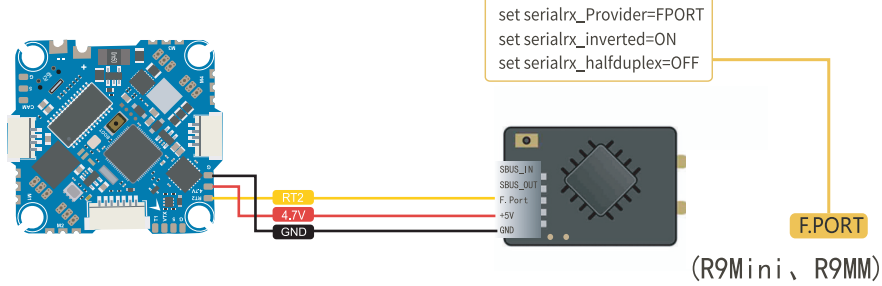


Receiver

Serial-based receiver (SPEKSAT,  $\xi$ ) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX\_SERIAL feature.

SBUS Serial Receiver Provider



Identifier	Configuration/MSP	Serial Rx
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART1	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>

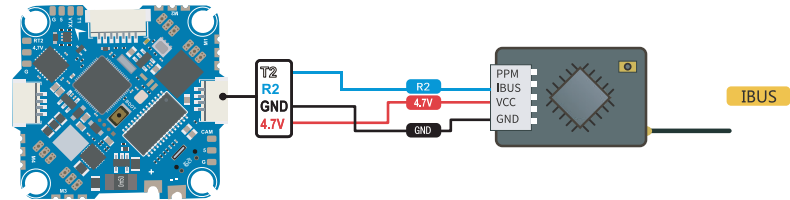
Receiver

Serial-based receiver (SPEKSAT,  $\xi$ ) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX\_SERIAL feature.

FrSky FPort Serial Receiver Provider

☒ TELEMETRY

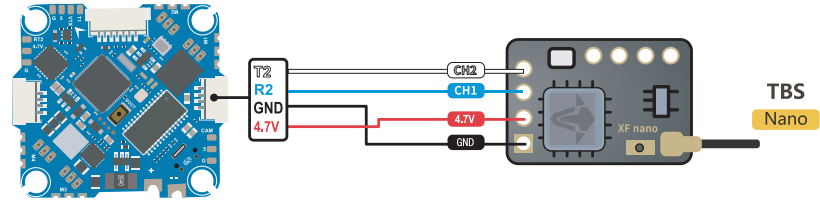


Receiver

Serial-based receiver (SPEKSAT,  $\xi$ ) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX\_SERIAL feature.

IBUS Serial Receiver Provider



Receiver

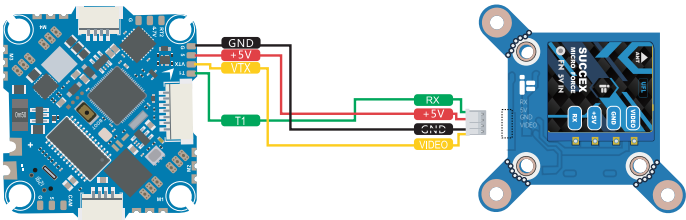
Serial-based receiver (SPEKSAT,  $\xi$ ) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX\_SERIAL feature.

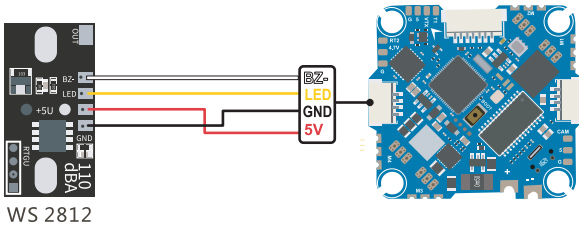
CRSF Serial Receiver Provider

VTX

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>	Disabled   AUTO	Disabled   AUTO	Disabled   AUTO
UART1	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled   AUTO	Disabled   AUTO	VTX (IRC Tran   AUTO
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>	Disabled   AUTO	Disabled   AUTO	Disabled   AUTO



LED/BUZZER



CAM

