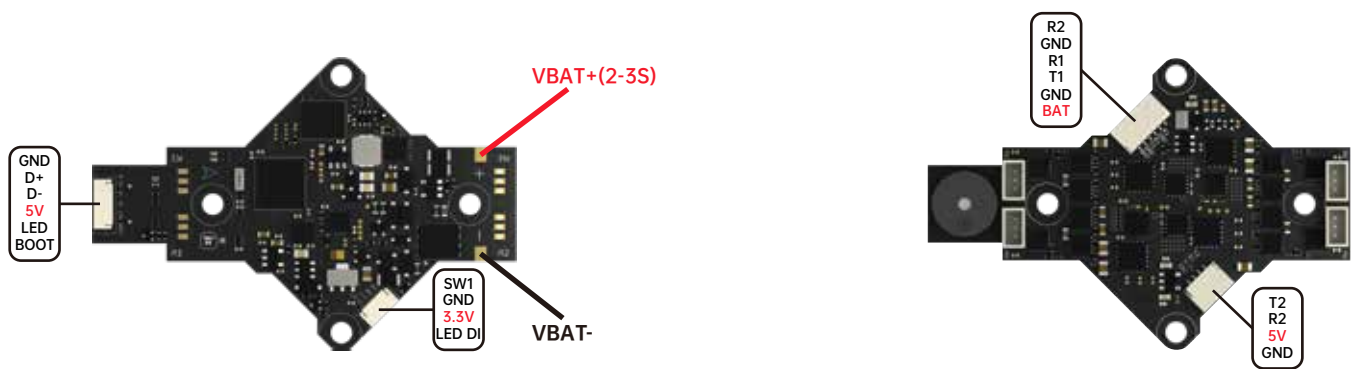
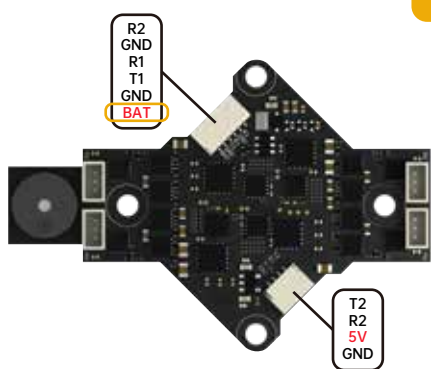


Defender 16/20 F411 AIO Wiring Diagram



Notice

FC Firmware: JFLIGHT DEFENDER F411
ESC Firmware: Q-H-50 - Bluejay, 0.16

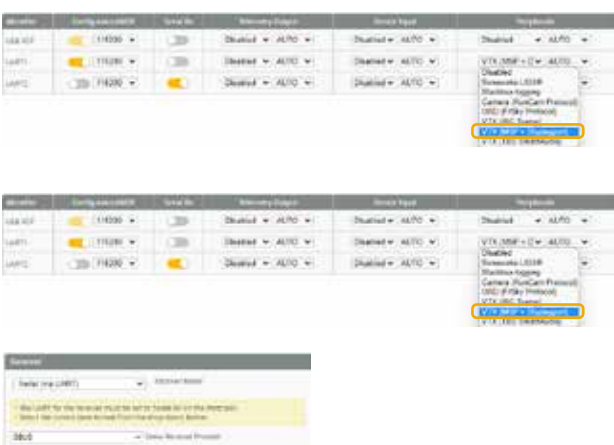
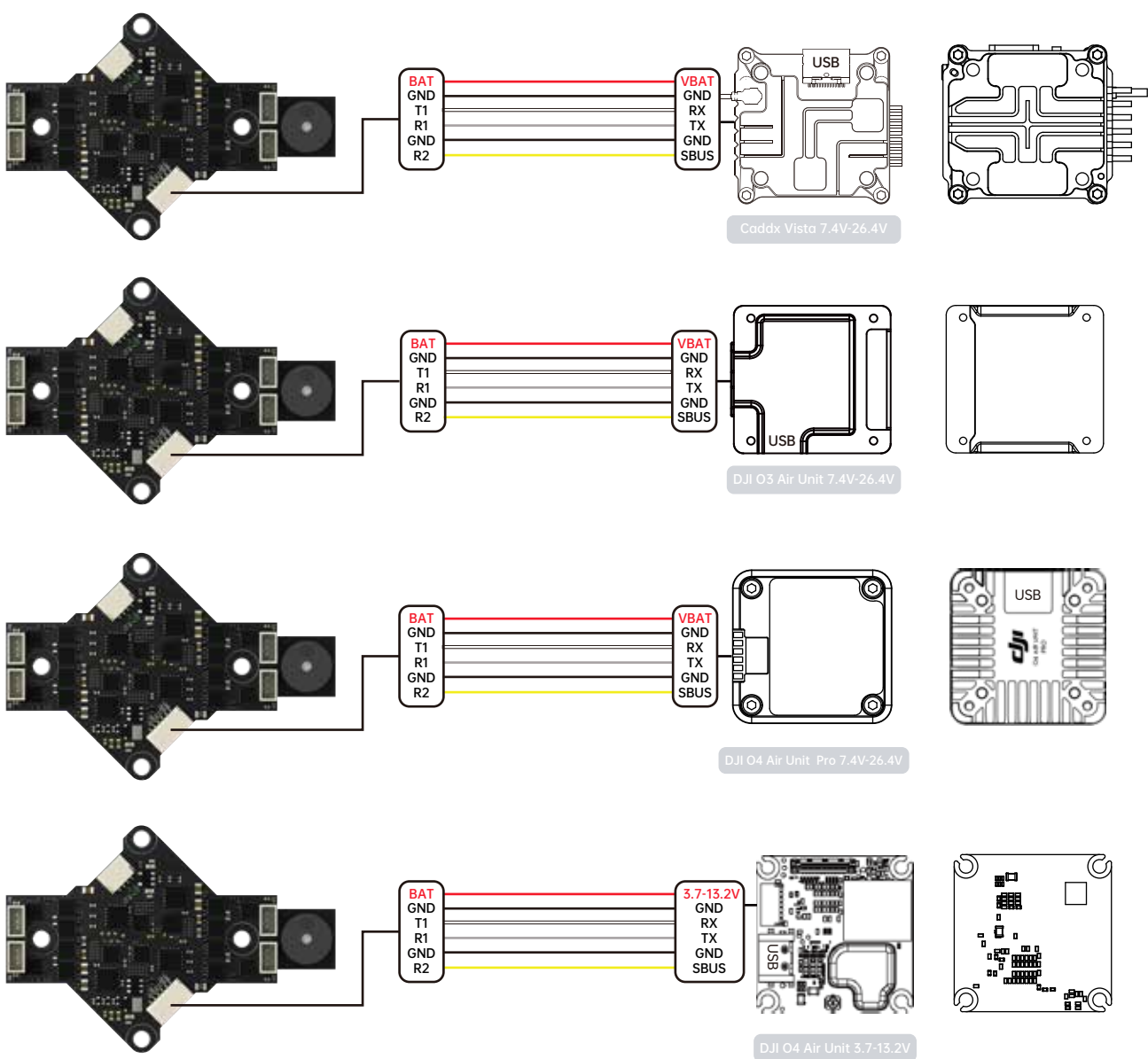


BAT is a controllable output port. When the DJI Air Unit or any VTX is connected to BAT, ensure that VTX ON OFF is always enable in Betaflight (place the AUX in any idle one), and set the AUX channel corresponding to the remote control switch if you wanna the VTX power to be controllable.



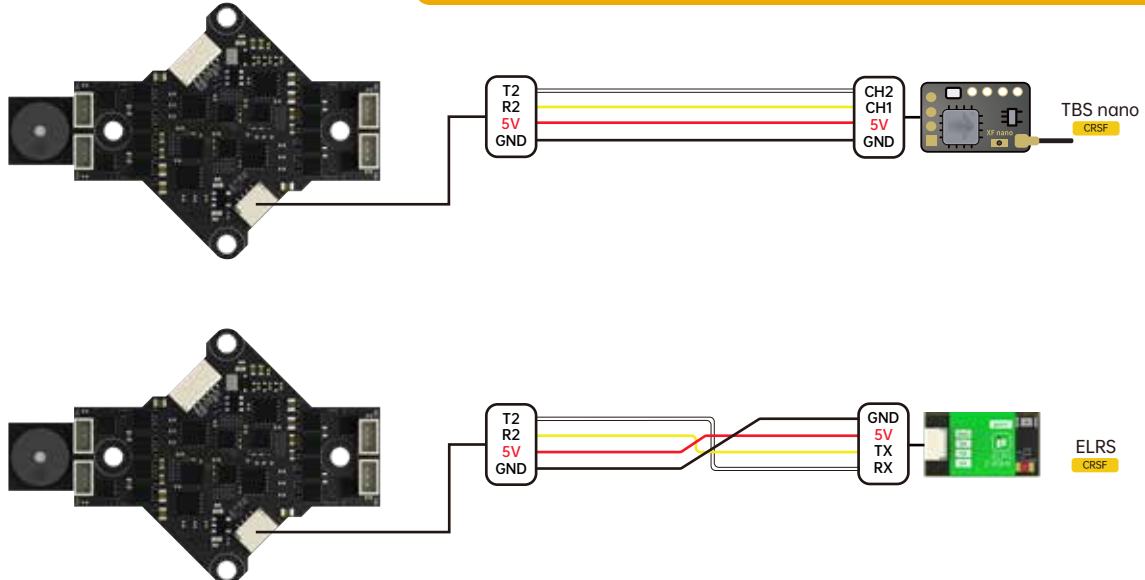
DJI Digital Transmitters: SUBS Protocol

To use the sbus signal receiver, the RX2 inverted needs to be turned on in Betaflight mode.

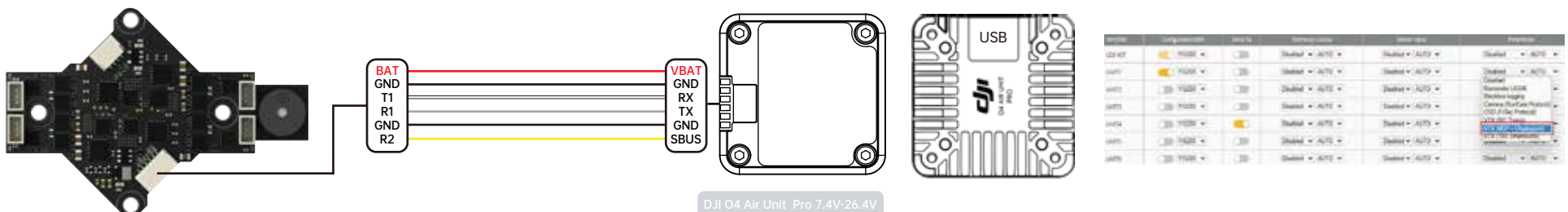


- To enable the air unit OSD under Betaflight 4.4 version, you need to select VTX (MSP+Displayport) in the peripheral port where the air unit signal is connected to the port interface.
- Please check your protocols, otherwise your DJI Radio won't input signals!
DJI Goggle protocol and Betaflight protocol 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

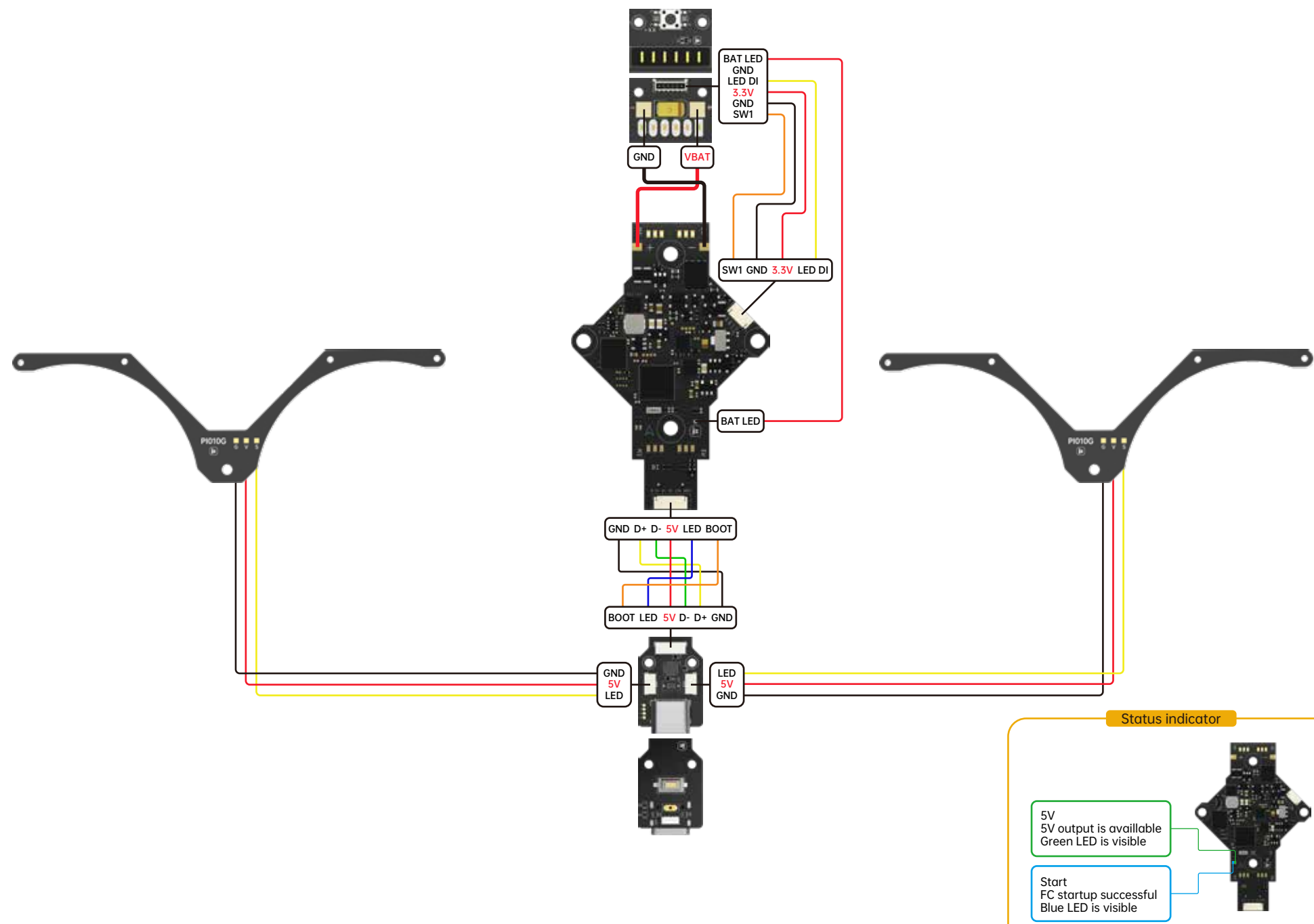
Others Receivers(TBS/ELRS): CRSF Protocol



VTX



Wiring diagram overview



Motors

ESC Firmware: Q-H-50 - Bluejay, 0.16

