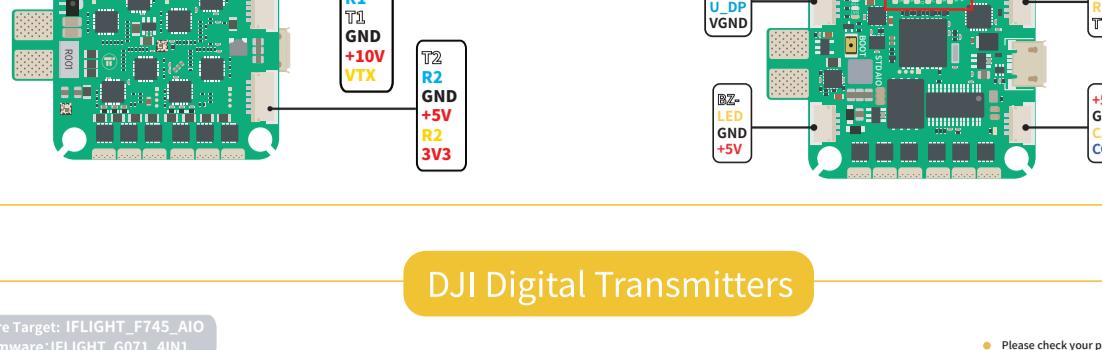


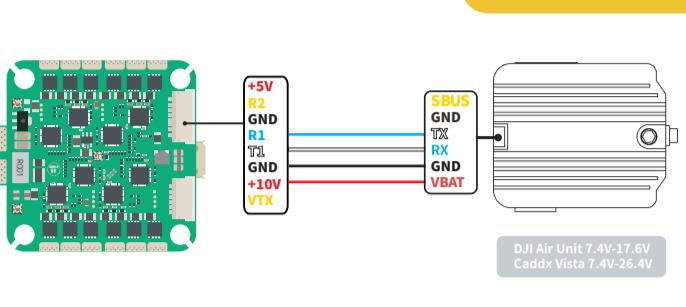
# IFLIGHT Beast STD F7 45A AIO Wiring Diagram

## Definition



## DJI Digital Transmitters

Firmware Target: IFLIGHT\_F745\_AIO  
ESC Firmware: IFLIGHT\_G071\_4IN1

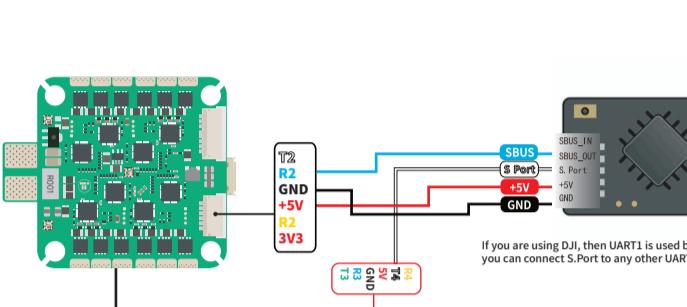


Identifier	Configuration/MSP	Serial Rx
USB VCP	115200	
UART1	115200	
UART2	115200	
UART3	115200	
UART4	115200	
UART6	115200	
UART7	115200	
UART8	115200	

Please check your protocols, otherwise your DJI Radio won't input signals!  
DJI Goggle protocol and Betaflight protocol has to match!  
For low level signal frequency 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

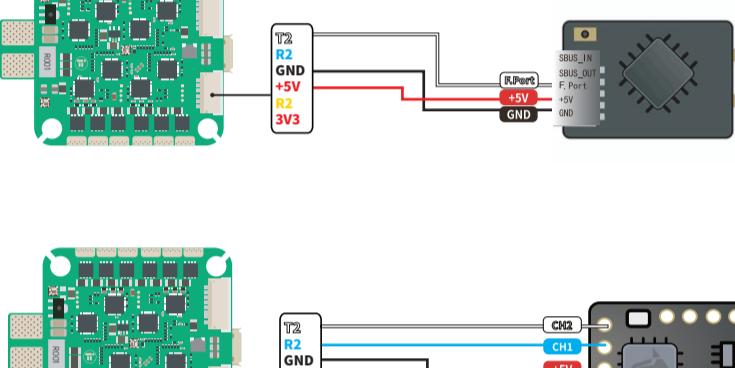
Receiver	Serial-based receiver (SPEKSAT_S)	Receiver Mode
Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.		
SBUS	Serial Receiver Provider	

## Use another transmitter(HD)



When not using the DJI remote controller, don't connect the SBUS and GND.

Identifier	Configuration/MSP	Serial Rx
USB VCP	115200	
UART1	115200	
UART2	115200	
UART3	115200	
UART4	115200	
UART6	115200	
UART7	115200	
UART8	115200	



SBUS

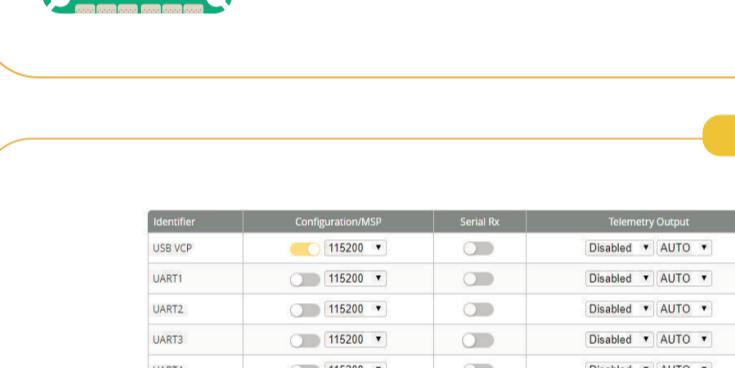
XM+

FrSKY  
R-XSR  
(R9Mini、R9MM)

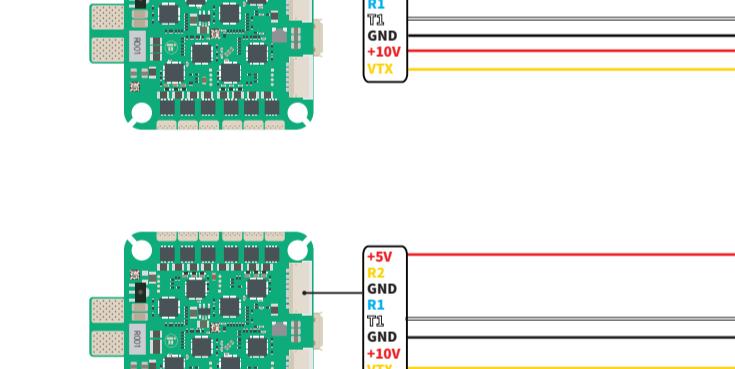
If you are using DJI, then UART1 is used by the Air Unit.  
you can connect S.Port to any other UART TX pad.

set serialrx\_Provider=FPORT  
set serialrx\_inverted=ON  
set serialrx\_halfduplex=ON

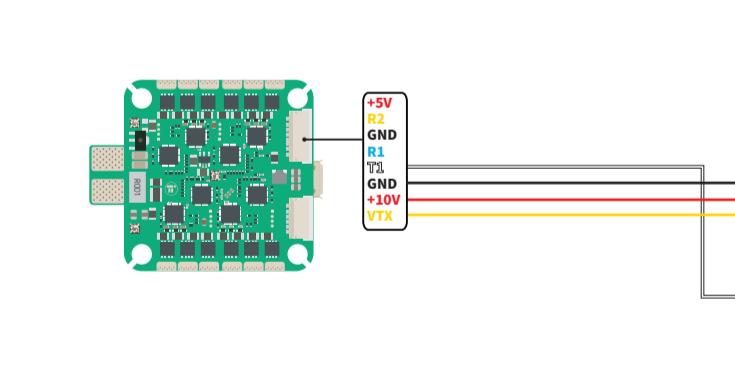
FrSKY  
R-XSR  
(R9Mini、R9MM)



TBS Nano  
CRSF



DSMX



Receiver

Serial-based receiver (SPEKSAT\_S)

Receiver Mode

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

SPEKTRUM SRXL2

Serial Receiver Provider

TELEMETRY

TELEMETRY