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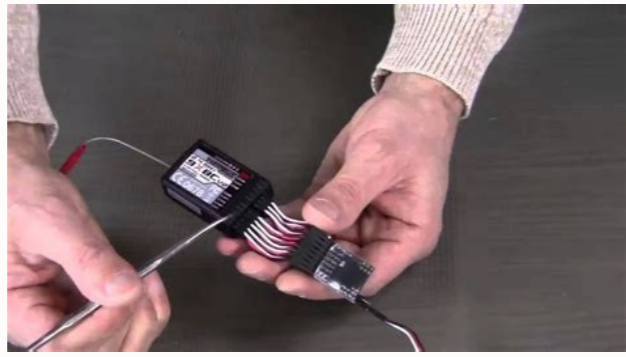
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How to connect flysky receiver to pixhawk

How to pair flysky receiver. How to connect flysky receiver to drone.

This is my first project, please help. I have S500 V2 kip with px4 and Flysky remote with FS-IA6 receiver. I don't now how to connect px4 with FS-IA6 receiver. In the doc: is mentioned to use SBUS port or PPM RC port. But for me is not clear how this is possible, receiver has 6 channel and I have 2 cables with 3 contacts. What is the solution and how to wire the remote? It looks like you need to configure the fs-ia6 to PPM mode and then connect one of the channels (not sure which one?) to the PPM input of the Pixhawk. 1 Like deceneu: FS-IA6 That I already done, not working. I don't know how to connect wires from px4 PPM connector to FS-IA6 receiver: This receiver has 6 channels with 3 pins each. From doc, is not clean how to do it: Still waiting for a solution. When PPM is used, all channels are transmitted over one "cable" (including the signal (white or yellow), 5v (red), and ground pin (black)). curvyusuki I assume when PPM is selected it will come out of channel 1 but I don't know that. I have not used that hardware myself. If I was you I would try 1 and if it doesn't work try the others too. I tried almost all combinations for PPM and SBUS cables, with all channels, nothing works. When connecting to QGroundControl, it say's that for remote I have 0 channels, but is need 5 channels communication. I suggest you share a picture of your setup. Maybe we can spot a mistake. I have this 2 cables from SBUS and from PPM. How I should connect them to channels available on receiver? I enable PPM output on Flysky remote. PPM out is set on channel 1, by default. 1 Like On the Pixhawk side I think you want to use PPM RC. melewuzipegi Then on the receiver side eyou might want to use the one next to channel 1 labelled S±, at least that would be my guess. Only FS-IA6B supports PPM-S. This is a kind of hidden information in datasheet !! @Bravepaulo can you confirm FS-IA6B works in ppm with pixhawk 4? Hi @Matteo_Scanavino In my setup, I use a PIXHAWK 2.4.8 with FS-IA6B PPM and it is working fine, as consequence I cannot guarantee 100% that it will work with PIXHAWK 4.

On the other hand, considering that such stuff does not change much among PIXHAWK models (at the end of the day is a PPM port) my guess is that there is a great possibility that it works as well. If you need any support feel free to contact me. 1 Like Thankyou for your replay. It works! 1 Like can you please send the wiring connections you used connecting px4 and fsia6b? can you pls show the wiring connectiond with FS IA6B Hi @Huy_Quang and @sabah_sultan. Please find below some pictures to help you out. Let me know if I can help with something else. Paulo 2 Likes Hi @Bravepaulo I have Flysky transmitter FS-i6 model and receiver FS-IA6 which supports PPM . But I am confused here is PPM and PPMSUM is same thing. I am connecting the receiver but no luck. Should I buy FS-IA6B receiver. Will it work with FSi6 trasmitter. Hi @vikas_kumar . I am not sure about PPM and PPMSUM question. On the other hand, regarding the receiver, only FS-IA6B supports PPM. If you want to use PPM serial port, you have to use a FS-IA6B. I did not mention this in my previous post, but I also use FS-i6 radio transmitter. Let me know if I can help you with anything else. Paulo.



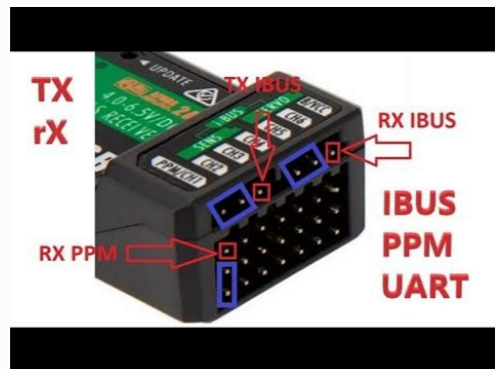
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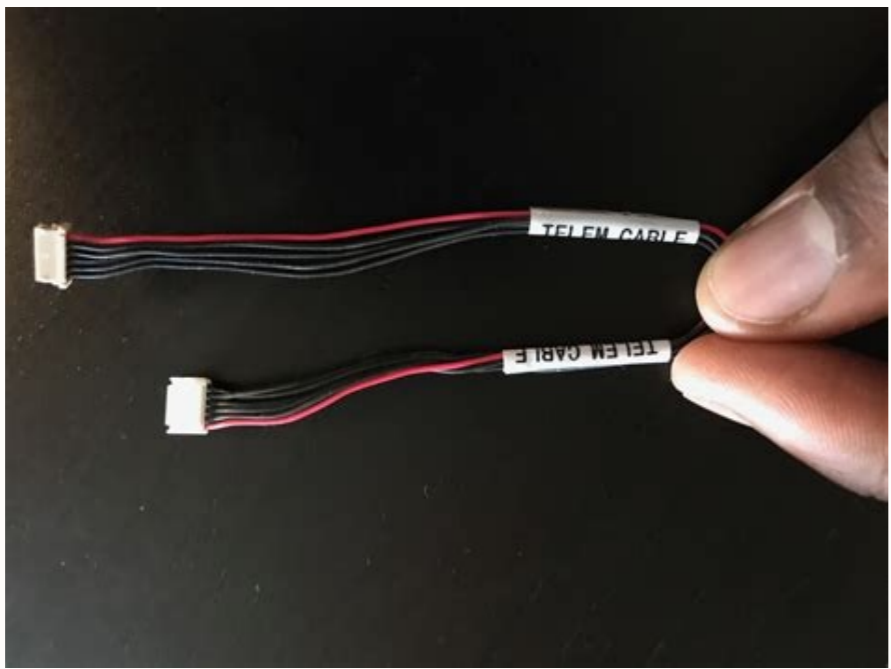
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Paulo Alves Yes It works fine now. I brought receiver FS-IA6B and now it is working fine on both the GCS softwares i.e. QGroundControl as well as MissionPlanner. You are right; FS-IA6 and FS-IA6B are different not only in terms of range. They might be varying in the signal output type also. Everything is working fine. Also, I would like to point out about Enabling PPM RX in the transmitter, as mentioned in previous replies. Thanks for your helpful reply. Vikas Kumar Page 2 @vikas_kumar Hai I am a beginner to pixhawk Can you guide me to connect pixhawk 4 and flysky and calibrate in qgroundcontrol Hi there, I wonder how you figure it out, px4 does not work on FS-IA6b, does it? how about FS-IA10? same hardware not working for me. Could it be affecting the model and current version of the remote? the controller i use is FS I6 I made the same link. I activated the ppm feature from the remote. Still not working. Hi . Please help me to connect the IA6 receiver with PIXHAWK 6C . I am connection only with PPM cable . Do we connect SBUS also? Below error is coming. Detected 0 radio channels. To operate PX4, you need at least 5 channels - Hello I am also working in a final year project on making a quadcopter drone. How do I connect my pixhawk and my transmitter on QgroundControl?