**How to configure a PRIZM to communicate with a Futaba F6J transmiter.**

**Part list :**

* 1 Tetrix PRIZM
* 2 Tetrix Motors
* 1-6 Servo (sketch is designed to work with 1 servo only) programs needs to be modified if used with more than one servo
* 1 Futaba 6J (can be used with any transmitter/receiver)
* 3 Jumper Wires
* 2 PRIZM MAX Powerpole Motor Cable (Included in PRIZM Package)
* 1 12 volt power switch (comes with PRIZM)
* 3 Grove sensor wires

**Instructions***:*

1. Plug power switch in the PRIZM 12 volt power port labelled battery
2. Plug motor cables into motor port 1 and 2
3. Plug motors using MAX Powerpole Motor Cables
4. Plug servo in servo port 1 (make sure that the black wire (Ground) is towards the encoder port side)
5. Plug grove sensor wire from analog 1 to receiver wire using a jumper wire on the yellow side of the PRIZM grove connector and the white wire of the RC wire port 1 elevator of the RX.
6. Repeat for analog 2 on RX 2 aileron and analog 3 to RX 4 rudder ( do not use port 3 since neutral is at the bottom of the throttle stick, therefore radio program needs to be modified if you want to use the throttle stick.
7. You must use power from the PRIZM to power receiver and use a jumper wire from 1 of the PRIZM grove connector from the black wire to black wire on the RC wire and repeat this for the red wire in order to provide power to the receiver. (Do not plug a auxiliary battery or else you will get feedback into the PRIZM and it will go crazy).
8. Plug a 12 volt battery and turn power ON
9. Make sure to upload Arduino program to the PRIZM and make sure to press green button.
10. Your Transmitter should control the motors now.