

This is the official "unofficial" conversion to allow the use of the new Hitec Spectra 2.4 module and Optima series receivers. Note that the system will not be sold this way and it is up to you to make this mod work. Hitec/Multiplex USA will not void your warranty with this mod unless it was not properly done which results in any issues. We have tested this and it will work with the Optima 6,7, & 9Ch receivers.

You will have to build the connector with parts readily available from an electronics store.

You will need:

1. Molex connector
2. 4 pin connector
3. servo wire
4. Velcro
5. 9/64 drill bit



Molex .100 KK housing (2.54mm)

- Schmart board 2" jumpers. Cut as needed.



- Remove housing of module 97.2 KB ·



- Remove hot glue 103.1 KB ·



- Remove antenna from case. 142.5 KB ·



- You'll need to run the antenna down the antenna so you will have to pull



it out with a small pointed tool. We used a dental tool. 74.8 KB ·

- Wire partially pulled out... continue to pull it out of the housing. KB



- You need to drill this with a 9/64 bit to allow the wire to be passed



though.

- Feed the antenna connector and wire down through the housing.



- Complete. 146.0 KB · Views: 303



- Disassemble the antenna base by removing the screw and pin



- Thread the antenna through the holes [152.0 KB](#)



- Reassemble [121.6 KB](#)



- Wire now comes out the bottom and can be routed down the side.



- Feed antenna down the hole. 115.8 KB ·



- Antenna in position with wire out the bottom. Friction holds the antenna



in place. Add velcro as shown.

- Add velcro to the module and stick into place. Attach antenna.



- Plug in cable as seen.



- Go to servo screen and select assignment



- Go to channel 9



- Select something here.



- Now shows fm/ppm 9. Note it will not work properly in any other mode



or anything above v2.62.