Installation steps

1. Bottom cover assembly



6 through joints connect to be bottom half ball

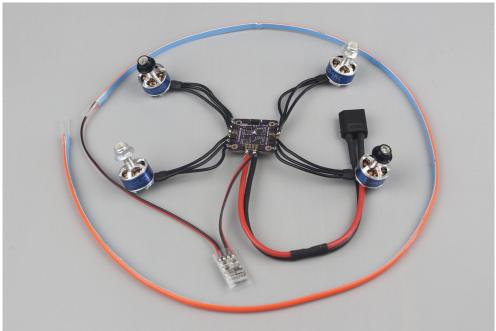
As shown in the figure, the battery panel and A-B block are assembled by fixing with M2*9 screws, and affixed with four single-sided buffer glue (130GT leftover pieces).

2. Frame installation



Flyball installation steps

3. Soldering



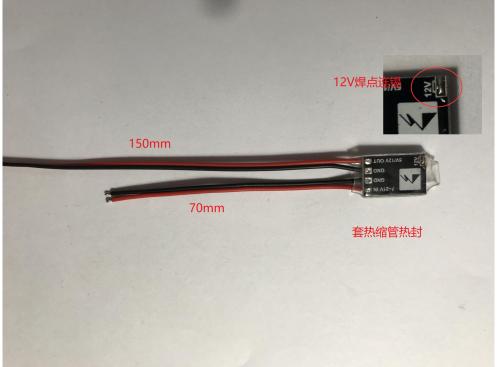


Flyball soldering

Connect the two sections of 16# power cord, weld XT60, and set the heat shrinkable tube for heat sealing



Divided 300mm red&black line into two parts and added tin at both ends.



Tin added on 12V soldering joint

Set the heat shrinkable tube to heat seal



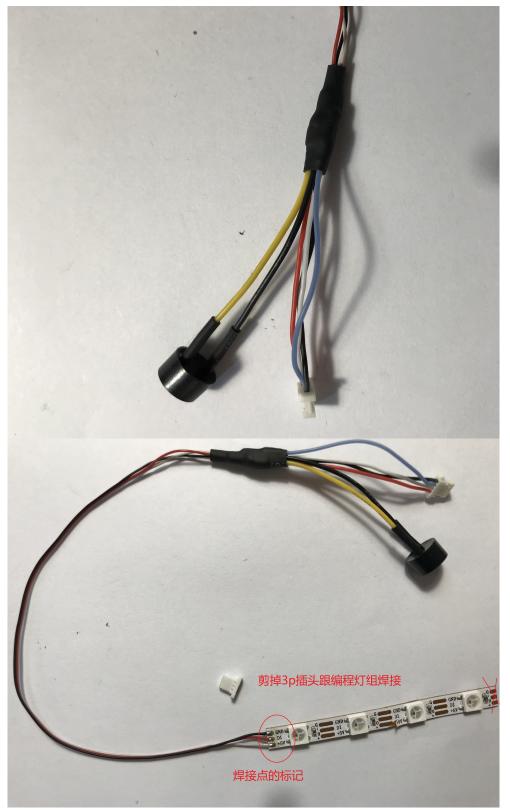
150mm red and black wire welding COB lamp belt

Note: black ball with blue tape, red ball with red tape



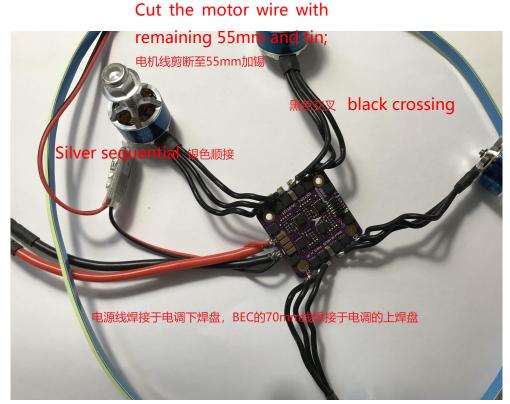
Welding of 1.4P LED hum assembly line and 3-color row line

Add heat shrinkable tube separately after welding



Cut off the 3P plug and solder it to the programming lamp

Marking of welding points



The power cord is soldered to the lower pad of the ESC, and the BEC 70mm wire is soldered to the upper pad of the ESC

4. Casing, LED installation



Note: The notch of the tube seat faces to the arc center

600mm 6*7 Teflon tube passes through the wide tube seat, narrow tube seat, lens seat, narrow tube seat, and wide tube seat from left to right.

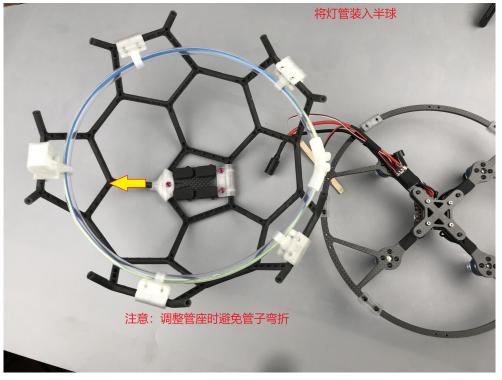


The COB lamp penetrates through the notch of the tail tube seat, exits from the right side of the tube seat, then penetrates the Teflon tube, and sets it into the tube seat.



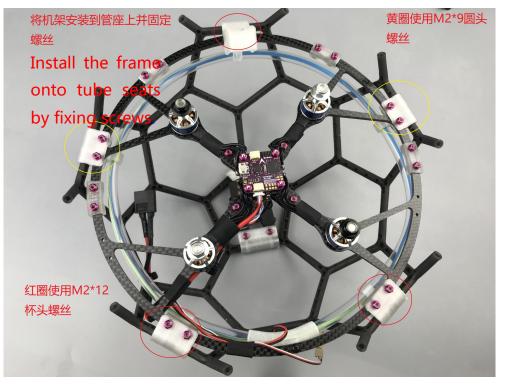
Insert the tube into the left side of the tube seat

5. Frame and protective installation



Assemble the COB lamp set onto the bottom half ball

Note: Avoid bending the lamp tube when adjusting the tube seat



M2.9 round head screws were used on the yellow circle

M2*12 cup-head screws were used on the red circle



Use acetate tape to tie the light cord to the side arm

Tie the power cord with a cable tie

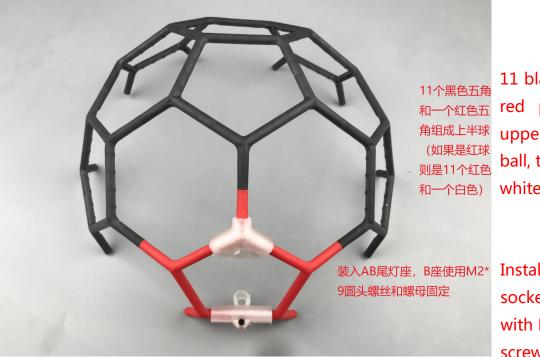
6. Connecting with receiver



Plug in the receiver cable and thread the plug to the bottom (for the receiver version, paste it on top of the flight controller, tie it with a cable tie, and paste the antenna on the end of the cable tie) 7.Install the propeller correctly, pay attention to the direction of rotation of the propeller, and sort out the connecting lines so that the rotation of the propeller should not be affected.



8. The installation of protective cover on upper flyball



11 black pentagons and 1 red pentagon form the upper ball (if it is a red ball, then it is 11 red and 1 white

Install the A-B tail lamp socket, and fix the B socket with M2*9 round head screws and nuts 9. Upper and lower protective cover, rear LED assembly

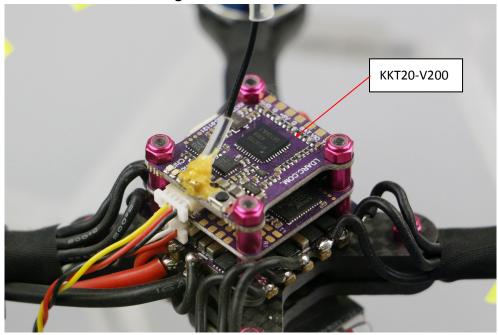


Thread the rear light into a 70mm Teflon tube, and then assemble it to the rear light holder

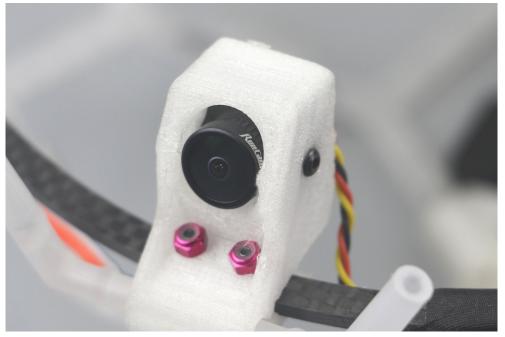


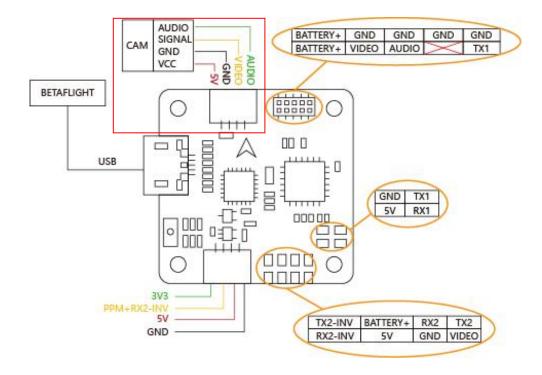
FPV UPGRATION

1. Installation of VTX (KKT20-V200) (replace the original fly Super_S F4 tower M2*25 screws with M2*30 screws), and use spacers and screws to assemble the VTX as shown in the figure below.



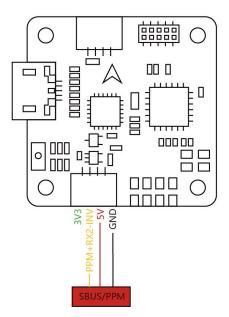
2. Install the camera (RunCam nano 2) with M2*3.5 screws, and mark the flight control port connected in a red frame.

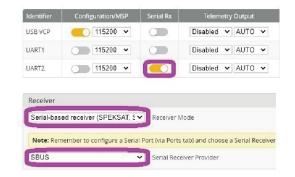




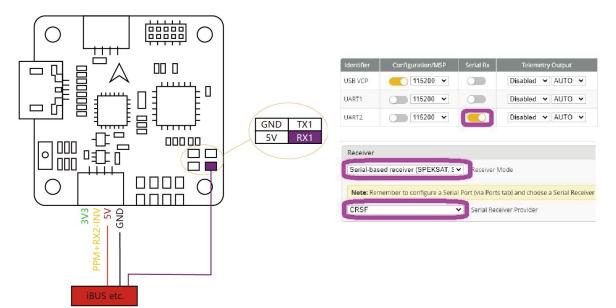
RECEIVER CONNECT

1. S.BUS and PPM receiver

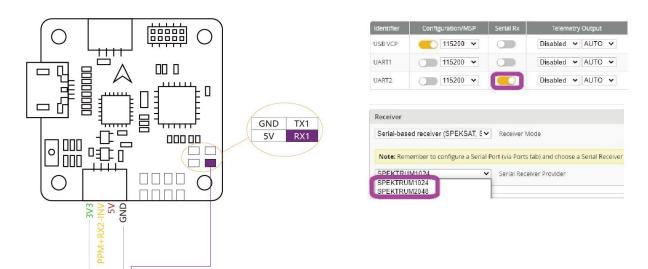




2. iBUS receiver



3. DSM2 and DSMX receiver



BETAFLIGHT

Please go to the Google App Store to download and install the BETAFLIGHT Assistant Software

