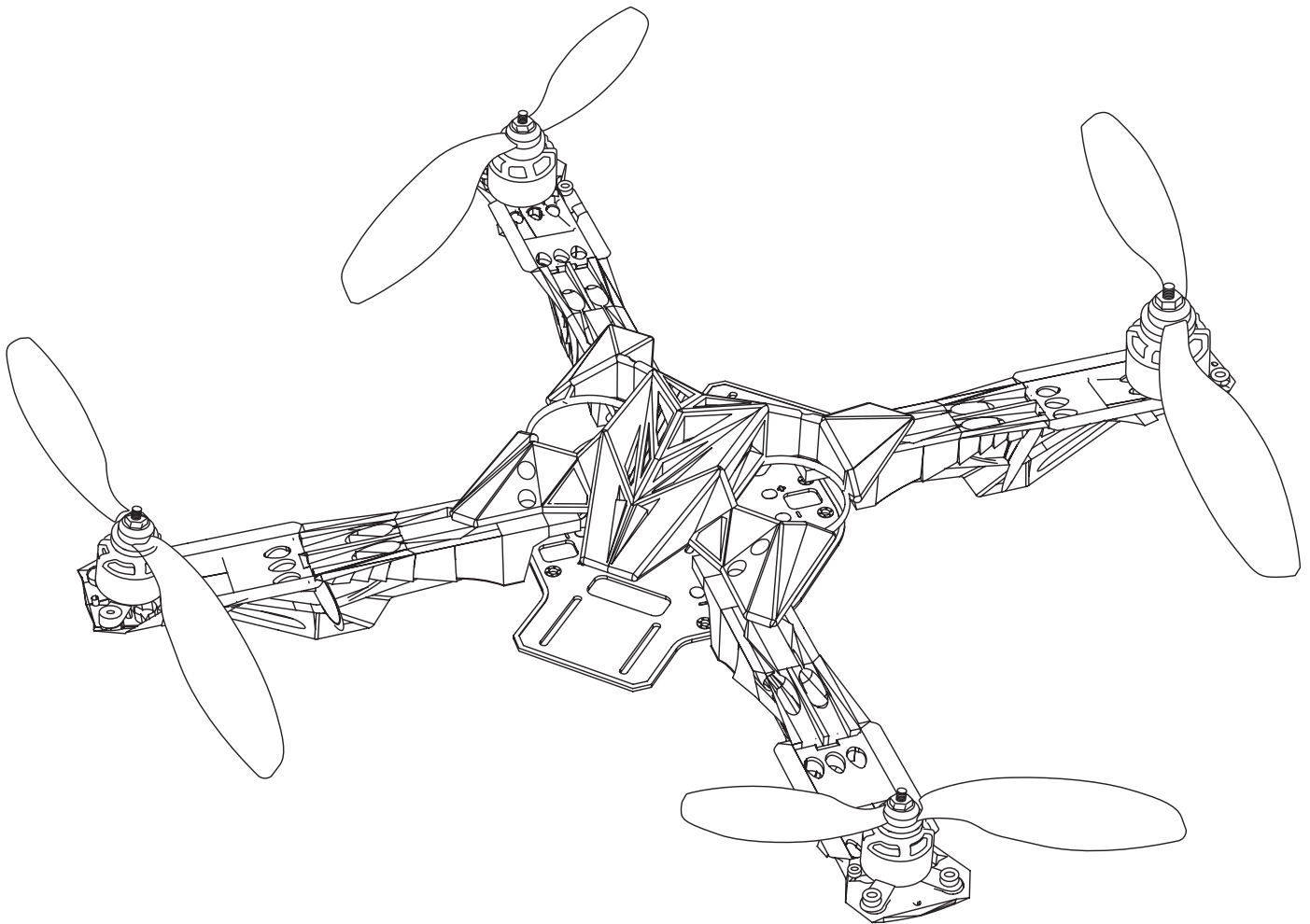




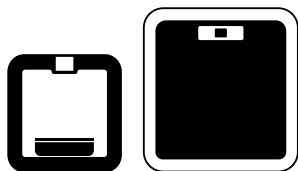
Quadcopter 915F



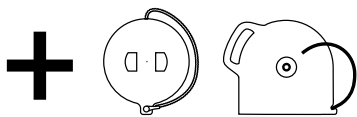
 **Cube[®]** and
 **CubePro[®]**
PRINTABLE

Show off your projects at **#Makelt3D**
www.Cubify.com/quadcopter

What you'll need



Cube or CubePro



Cube or CubePro cartridges

QUADCOPTER 3D FILES
Download at:
www.Cubify.com/quadcopter

ELECTRONIC COMPONENTS
(Listed below)

Print settings and material:

We recommend printing in PLA.

Layer resolution: 200 microns

Print Strength: solid

Print Pattern: diamonds

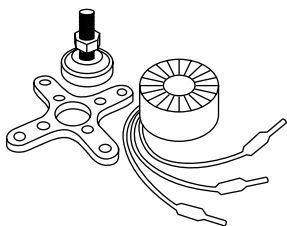
3D print time:

Allow about 11 hours to print the top and about 6 hours to print each quadcopter arm.

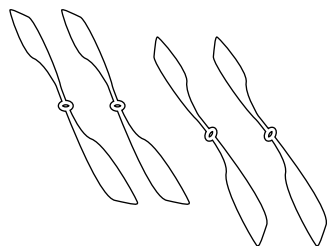
Electronic components can be purchased online.

We found a quadcopter kit at: <http://www.helipal.com/dji-flamewheel-f450-combo-3-naza-lite-legs.html>

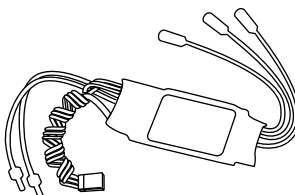
Or you can purchase individual components listed below and assemble your own:



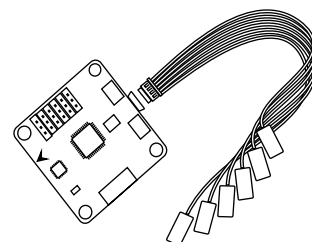
SUNNYSKY X2208-1500KV
II 2-3s Outrunner Brushless
Motor (x4)



8045 SF Propellers 2pc
Standard Rotation/2 pc RH
Rotation (x1)



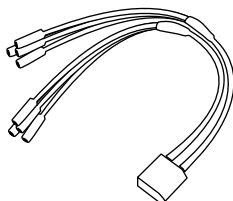
Turnigy Multistar 20 AMP
Multi-rotor Brushless ESC
2-4S (x4)



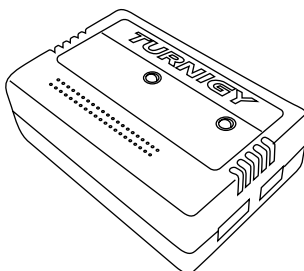
OpenPilot CC3D Flight
Controller and OpenPilot
RC Receiver Cable (x1)



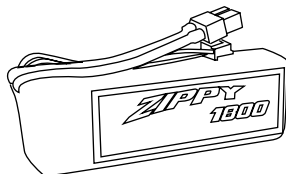
M3X8 Hex Bolt Cap
Screw (x16)



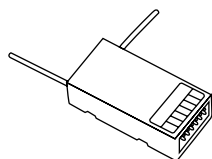
XT60 to Multistar ESC Power
Breakout Cable (x1)



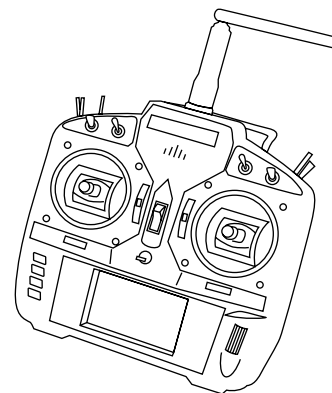
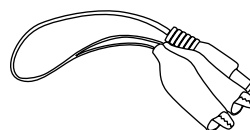
Turnigy 2-3S Balance Charger.
Direct 110/240v Input (x1)



ZIPPY Flightmax 1800mAh
3S1P 20C (x1)

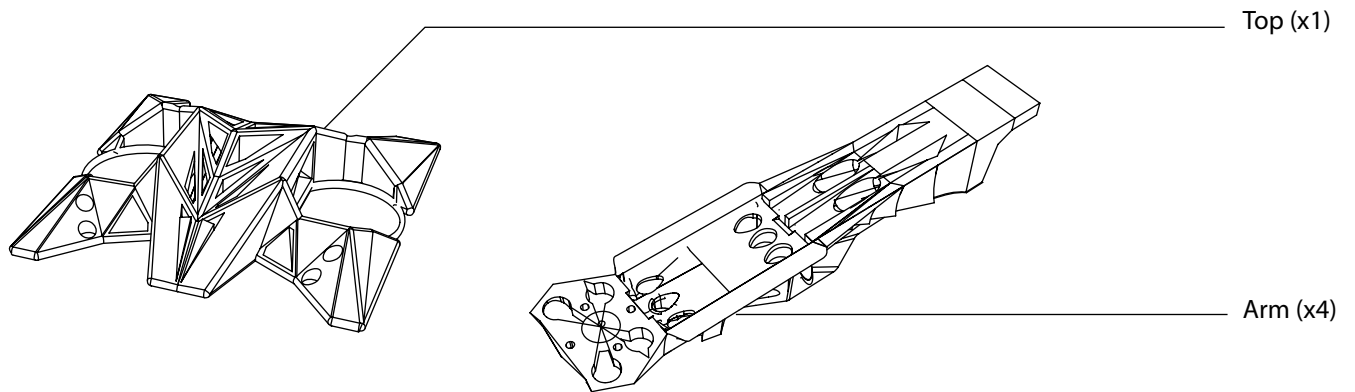


OrangeRx R615 Spektrum
DSM2 6Ch 2.4Ghz Receiver (x1)



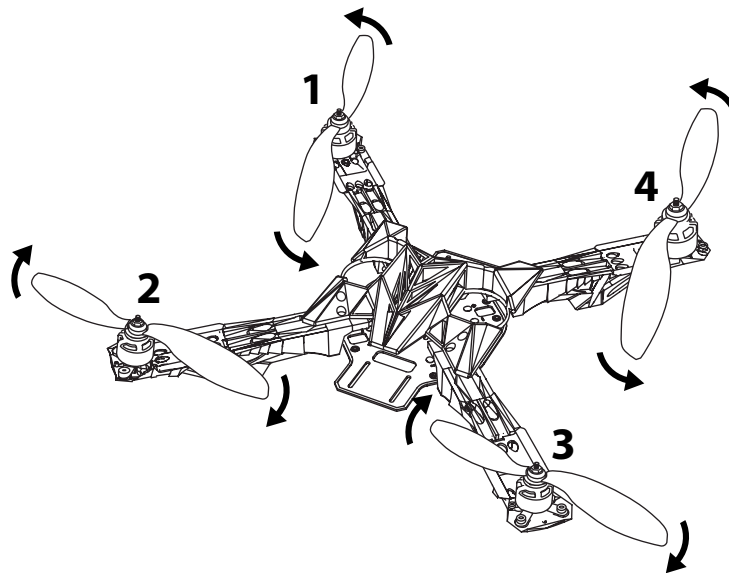
OrangeRx T-SIX 2.4GHz DSM2
6CH Transmitter (x1)

Print frame

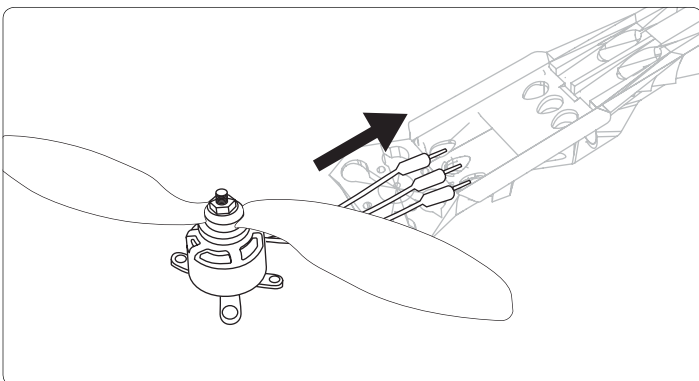


Download the Quadcopter frame files from www.cubify.com/quadcopter. Print the top (x1) and the arm (x4).

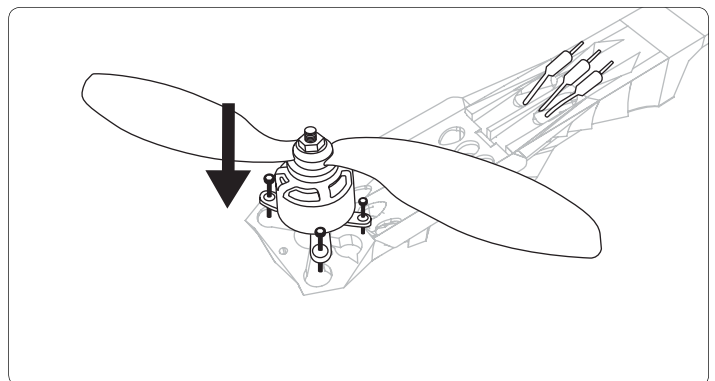
Tips to assemble quadcopter & electronics



TIP 1 Assign a number to each of the quadcopter arms to ensure correct assembly of motors and electronics. Mount the standard rotation propellers (rotating clockwise) on arms 2 and 3. Mount the RH rotation propellers (rotating counter-clockwise) on arms 1 and 4.



TIP 2
Thread wires into the frame through the openings and out through the end of the arm.



TIP 3 Screw motors in, matching the holes in the motor with the holes in the quadcopter frame. Face wires towards the body.