Bigaole®

6 Axis Stabilizer

BGL-6G-B

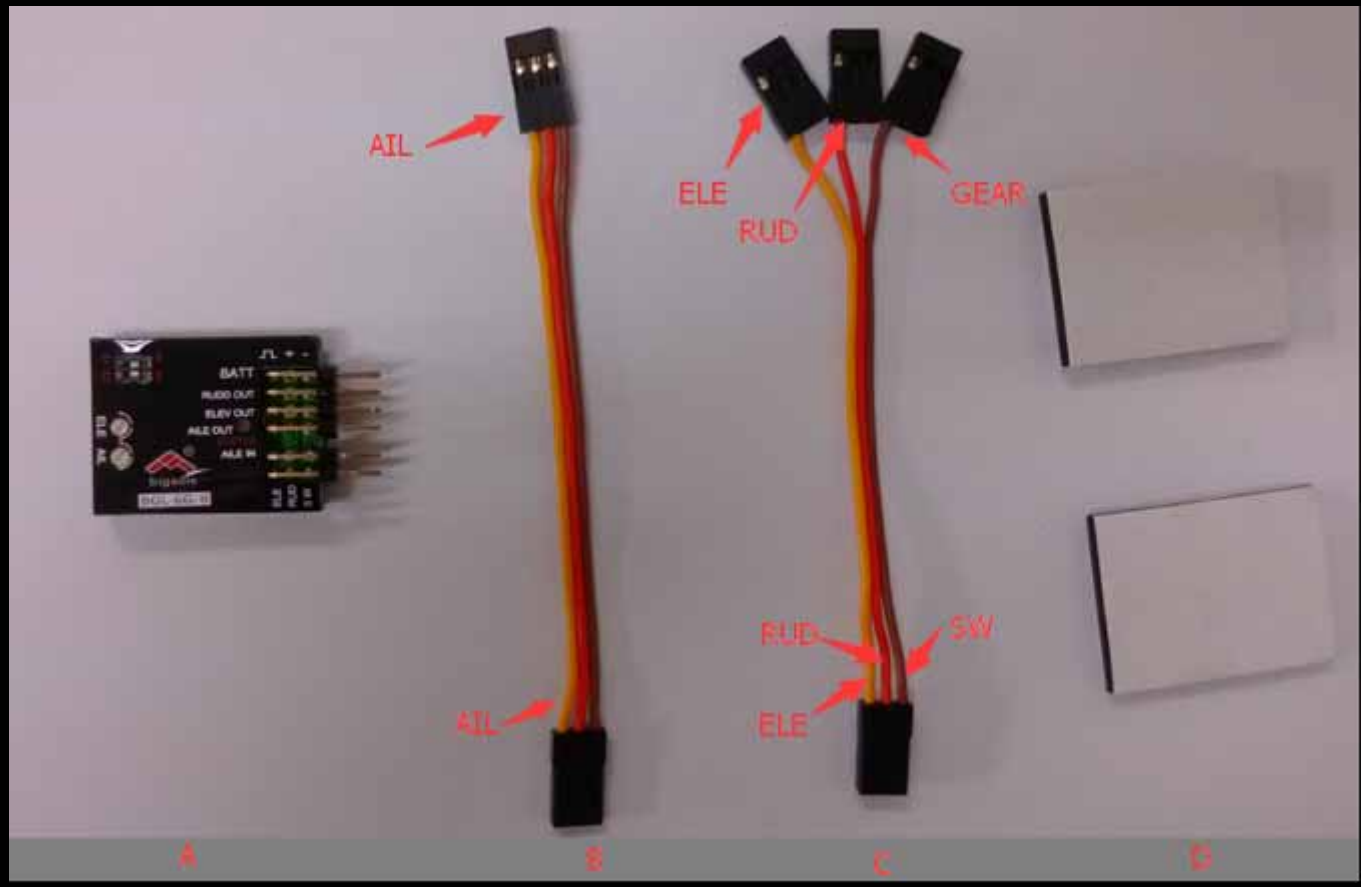
Packing list

A. Main unit x1

B. Wire 1 x1

C. Wire 2 x1

D. Double side sticky pads x2

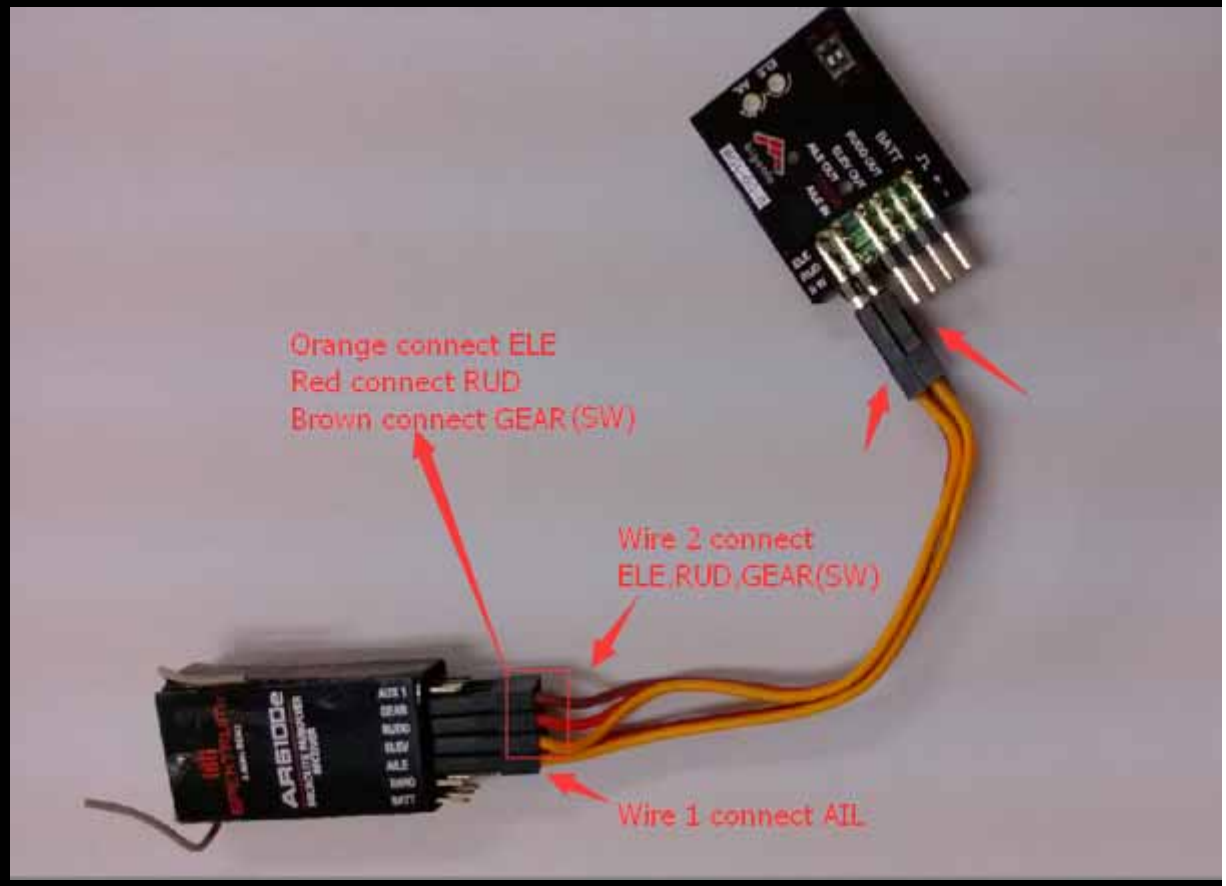


Ⅰ Hardware assembly

- Connect Main unit with receiver

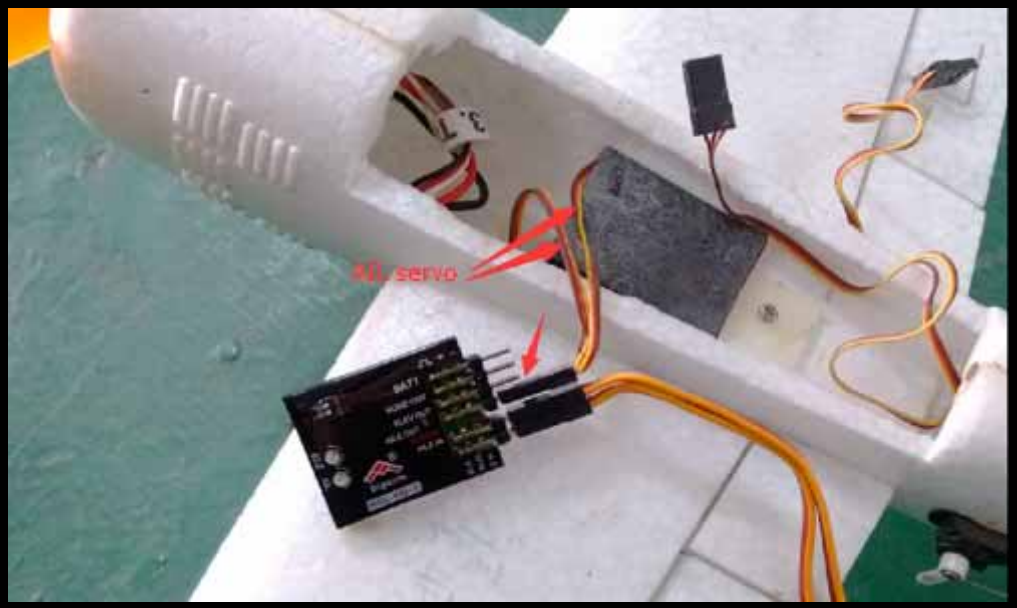
- Connect AIL with receiver.
- Connect ELE, RUD, SW with receiver.

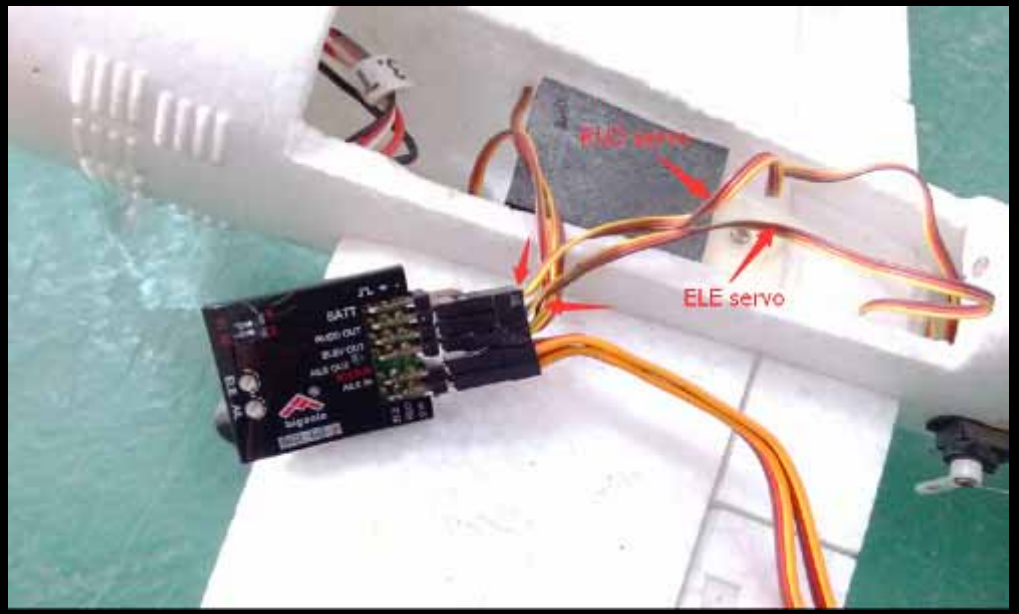
- Here is Spektrum receiver for your reference.



Ⅰ Hardware assembly

- Connect Main unit with servo
- Connect AILE OUT with AIL servo.
- Connect ELEV OUT with ELE, RUDD OUT with RUD servo.





l Hardware assembly

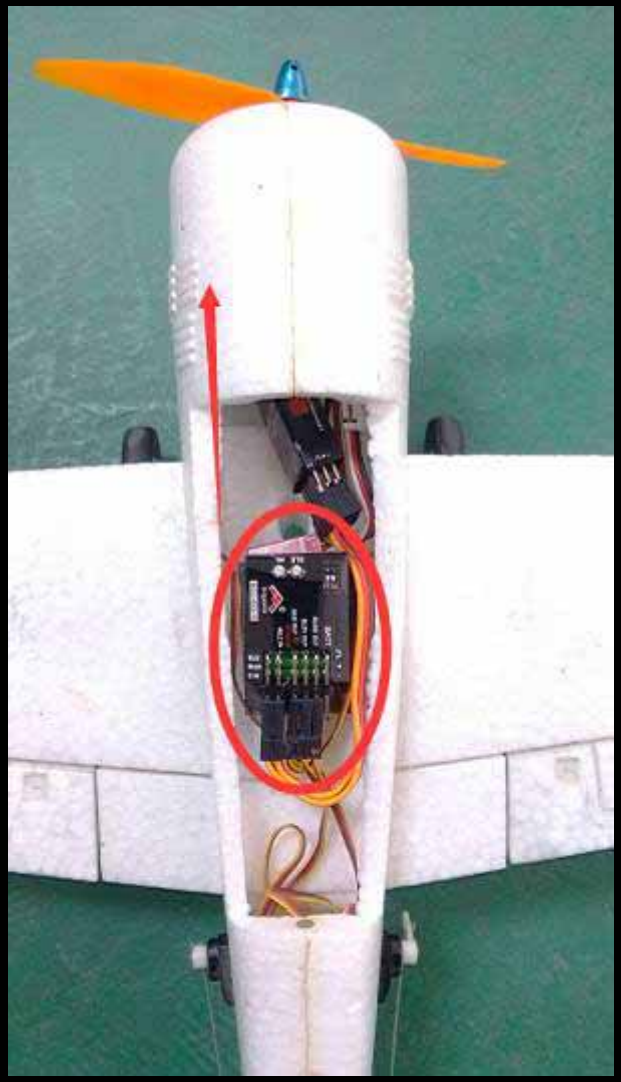
- Connect receiver with motor

Ⅰ Hardware assembly

- Mount main unit on airplane with Double side sticky pads.

- Remarks: Try to keep the main unit at your aircraft's center of gravity and parallel to the aircraft body

  Pay attention to install main unit toward airplane front as picture.



ll Remote Control Setting

- Turn on transmitter, create a new model.
- Set trims and sub-trims of all channels to zero.
- Close all mix-function.

ll Remote Control Setting

- Select a 2 position switch as CH5

- The picture is Spektrum transmitter for your reference.

- CH5, UP position, CH5 <1500US : Gyro off mode

- CH5, Down position, 1500US< CH5 : Balance mode

lll Adjusting Gyro and transmitter

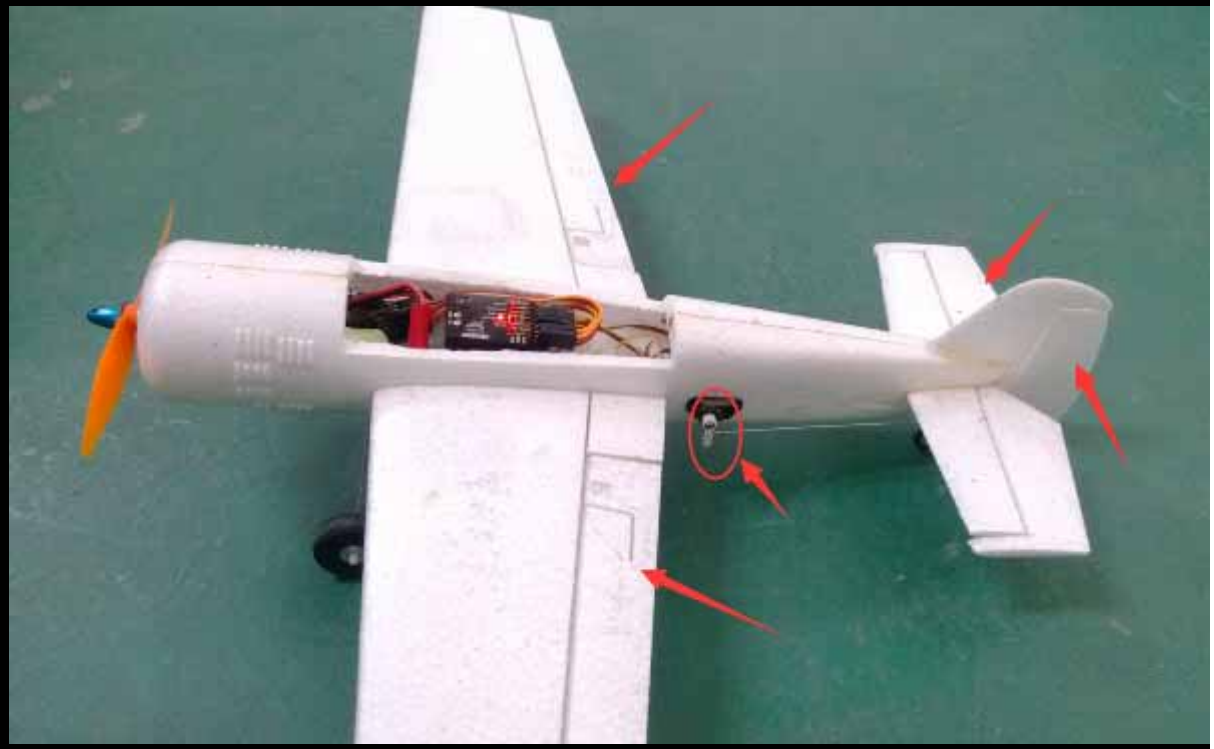
Turn the S1,S2 switch according your airplane type.

- S1,S2 both off is for Normal airplane.
- S1 off,S2 on is flying wing (Delta wing)
- S1 on, S2 off is V-tail

- Connect battery (Power on)

III Adjusting Gyro and transmitter

- Select Gyro off mode.
  (CH5 Up position)
- check and make sure AIL, ELE, RUD surface on correct position.



- Check all the swing arm and pull rod's angle if is 90 degree.

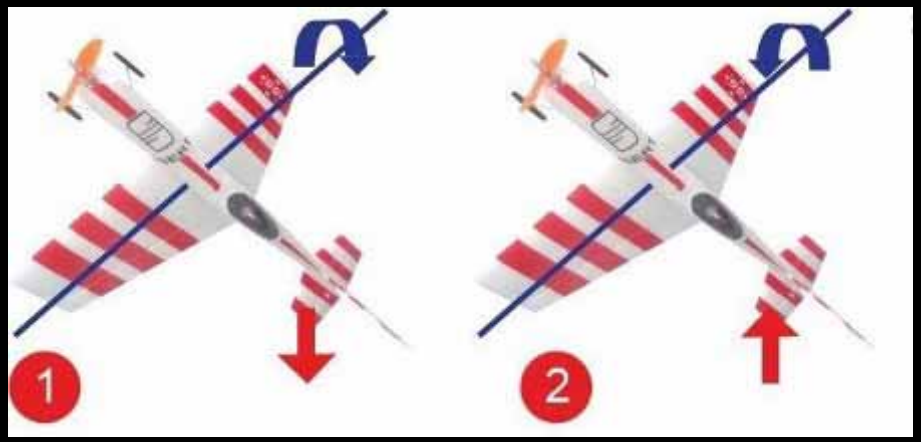
lll Adjusting Gyro and transmitter

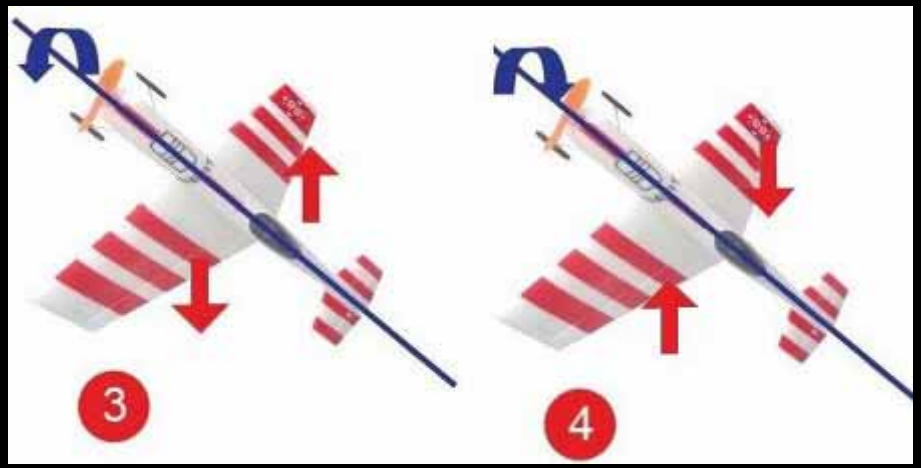
- Check gyro direction and gain sensitively.

- Select Balance mode.
  (CH5 down position)

- Pick up the airplane around the pitch axis to check gain for ELE's direction if is correct and gain sensitively if is ok.

- Pick up the airplane around the roll axis to check gain for AIL's direction if is correct and gain sensitively if is ok.





III Adjusting Gyro and transmitter

- Check gyro direction and sensitively.
- Here is adjusting method:

Feedback direction: the upper part is Norm, the lower part is REV.

Gyro gain sensitivity: The gain is minimum in the center of knobs, clockwise/anti-clockwise is to increase gain.

- The right picture is the minimum gain on ELE, AIL.

lll Adjusting Gyro and transmitter

- Check transmitter channel direction and servo output.

  Control sticker of transmitter on AIL, ELE, RUD, to see these surface move direction on airplane if is correct and the servo output if is ok.

  Adjust method: can adjust by REV/Norm and D/R setting on your transmitter.

IV Initialization

- Initialization

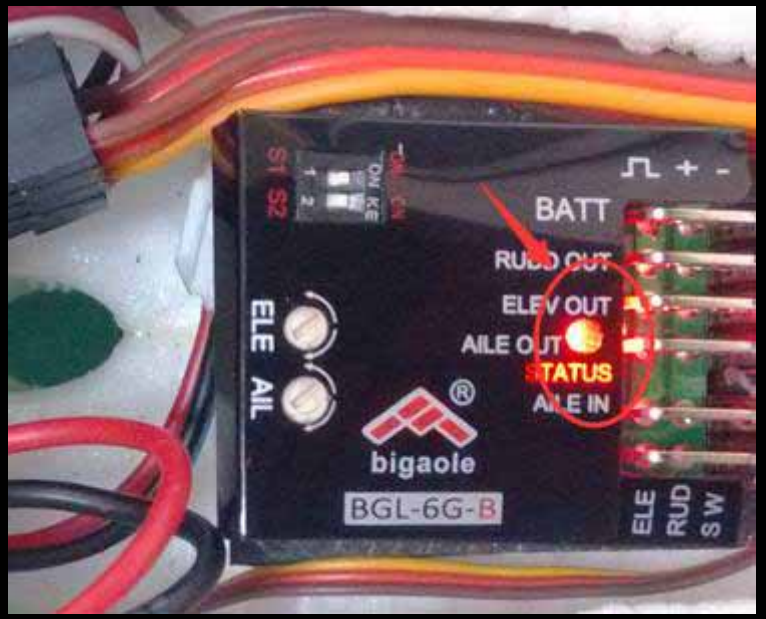
  Power off.

  Turn S1, S2 to “on” position.

Powered on.

Check red led on main unit:

quick flash ⟹ solid red



Initialization is finished.

Power off.

IV Initialization

- Initialization

Turn S1,S2 switch back according your airplane type.

- S1,S2 both off is for Normal airplane.
- S1 off,S2 on is flying wing (Delta wing)
- S1 on, S2 off is V-tail

Powered on.

Red led on main unit keep solid red

You can try to fly now!

Above installation steps is for your reference, if you have any problem during your installation, please kindly contact us by service@bglmodel.com .

Thank you!