BIXLER V2

INSTRUCTION MANUAL

H·KING

Specifications

Length: 925mm(about 36.5 inches)

Wing span: 1400mm

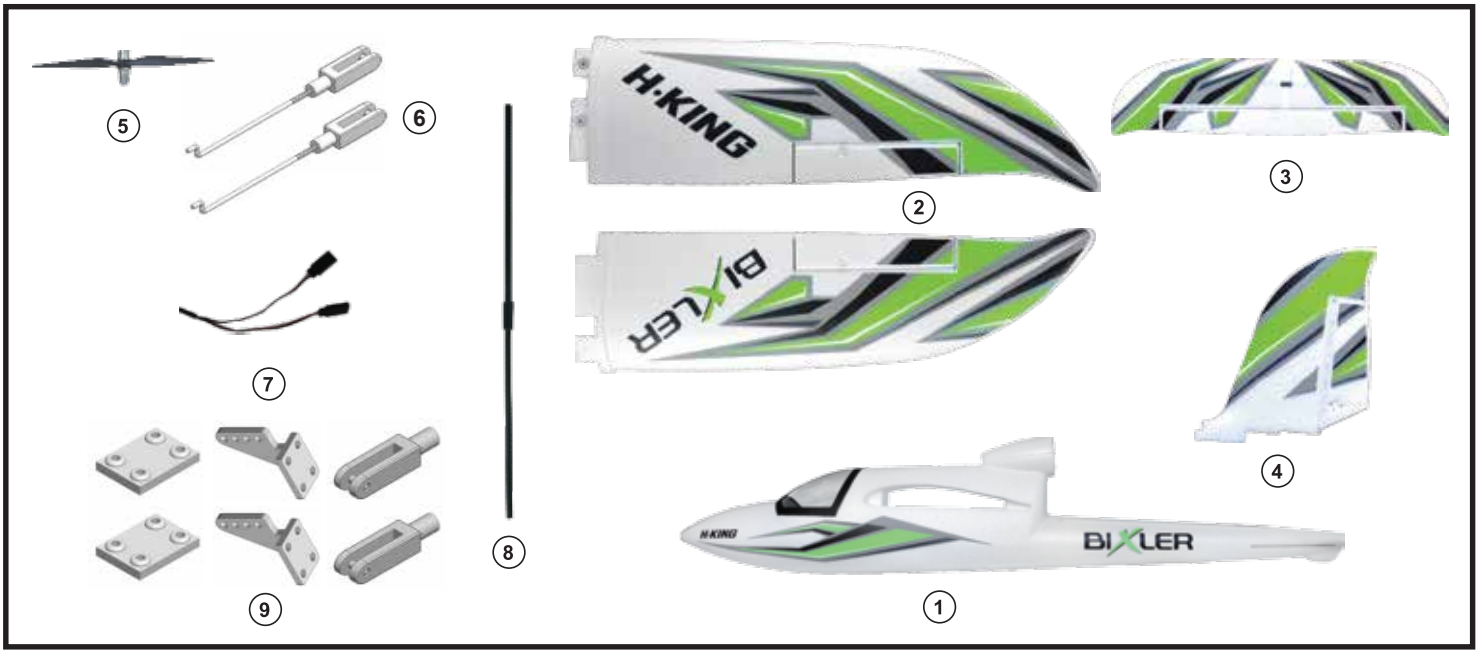
Wing area: 26.5dm²

Wing loading: 25g/dm²

Flight weight: 650g(about 33 ounces)

Safety precautions

- This is an electric remote controllable model plane and is not a toy.
- This BIXLER model is designed for intermediate to advanced pilots.
- Children younger than 12 years old must be accompanied by an adult when operating this model.
- Only fly this model in an open area and away from crowds of people, buildings, and high voltage power lines.
- Please always put safety first and operate this model as instructed and to heed the warnings as stated in this manual.
- The supplier/manufacturer accepts no responsibility for damage or injury caused by the use of this model.



1. Fuselage
2. Main Wing Set
3. Horizontal Stabilizer
4. Rudder
5. Propeller
6. Control Rod with Clevises
7. Y-Servo Lead
8. Wing Rod
9. Control Horn Sets

Battery Charging

The battery must be fully charged before you attempt to fly this BIXLER. To charge the battery, connect the Li-Po battery to the balance charger and the charger to the universal adapter. The universal adapter in turn connects to a car battery via the two alligator clips at the end.

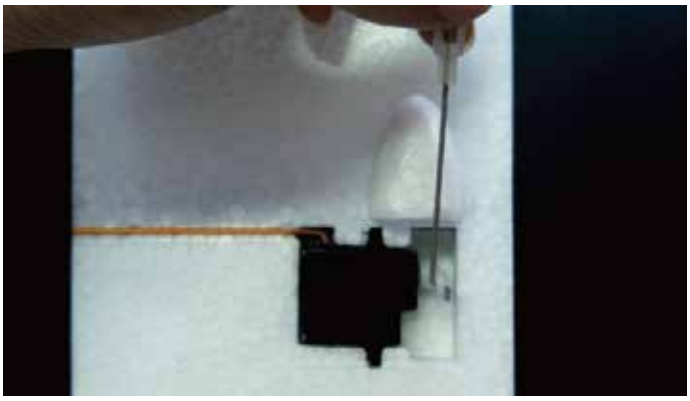
The green charging light will indicate that the battery is charging. When the green light disappears, then it is ready to use. Charging usually takes 2.5 hours but it does vary depending upon how much charge your battery already has. The Li-Po battery will not get hot when charging. DO NOT overcharge the battery as this will damage it.

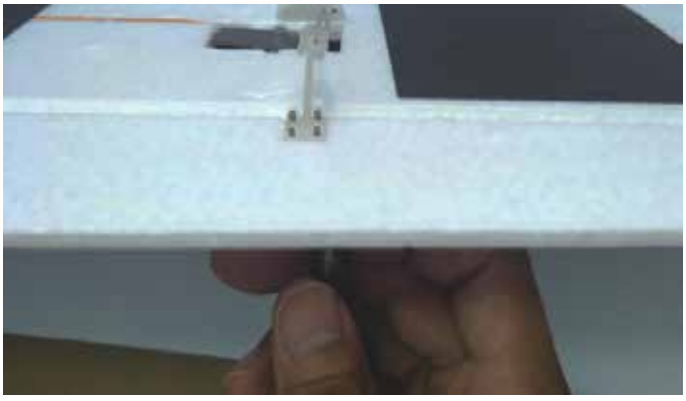
Important Safety Notice

When charging the battery, do not leave it unattended. Do not leave this battery charging when children are present. Observe the charger and battery for any abnormality such as a sudden rise in temperature or puffiness.

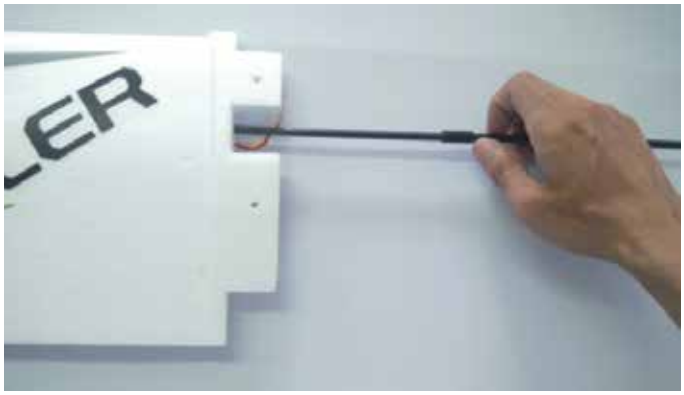
Assembly Instructions

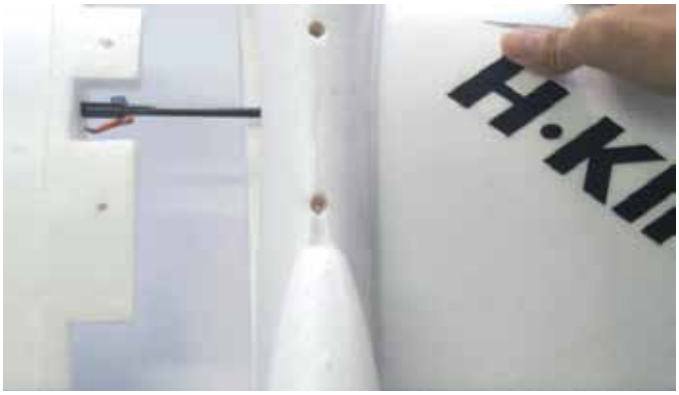
1. Use a tool to fix and install the aileron. Install the rod to the wing. This rod connects the servo to the wing.

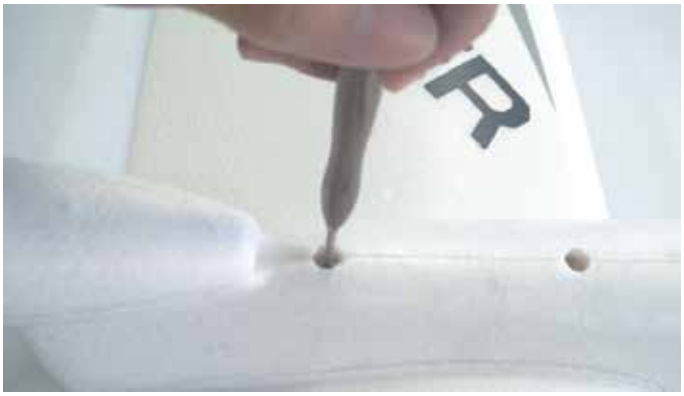


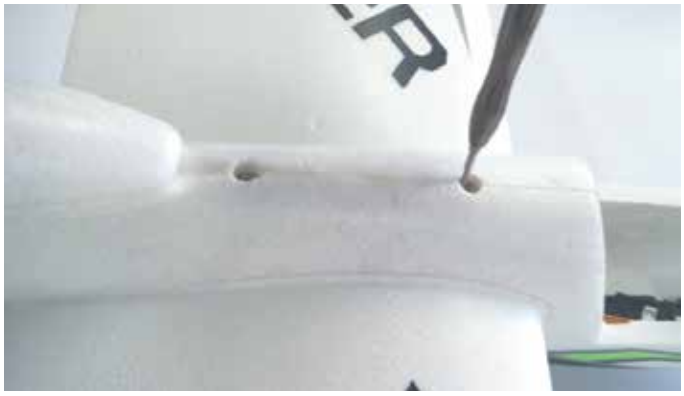


2. Push the wing rod into the wing as shown. Fix the main wing panel to the fuselage. Use a tool to fix and install the main wing onto the fuselage.

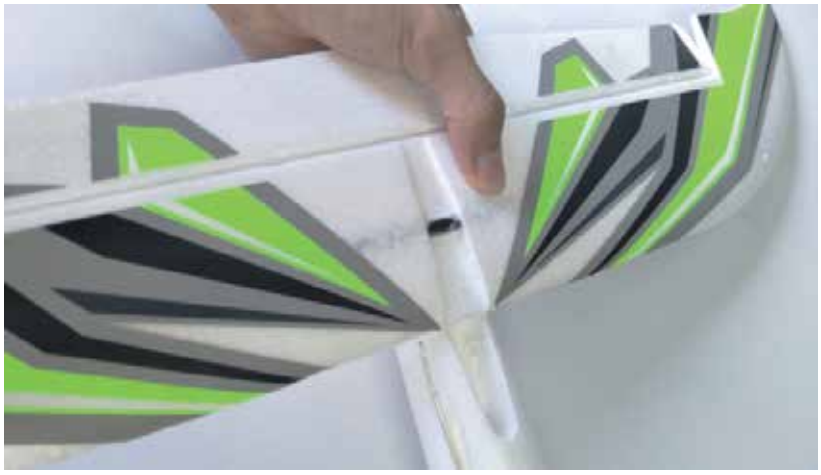




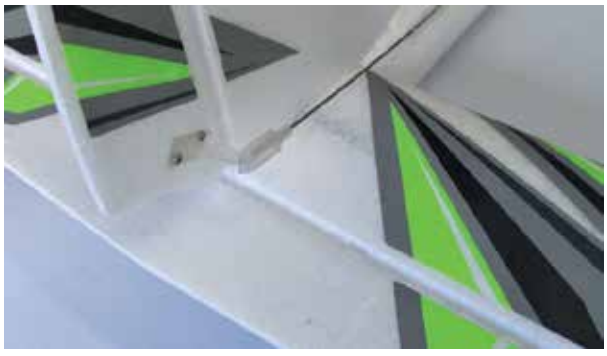


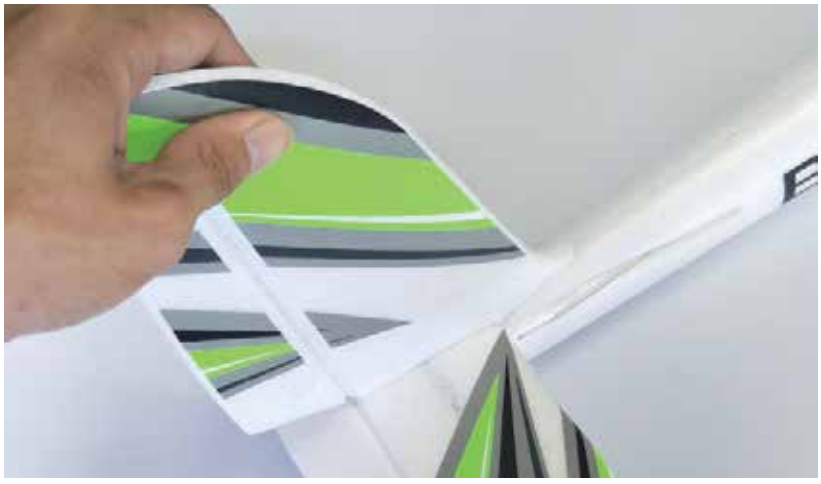


3. Use a tool to fix and install the vertical tail. Remove any excess glue and hold it in position until the glue sets. Install the linkage rod to the vertical tail. The rod-connecting the servo to the fuselage is pre-assembled.

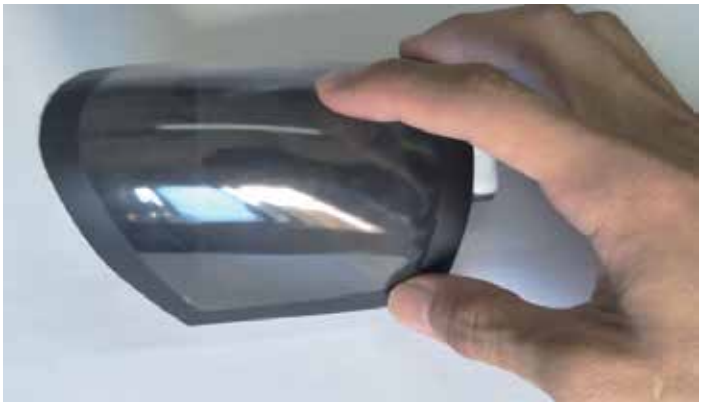


4. Use a tool to fix and install the stabilizer as shown. Remove any excess glue and hold it in position until the glue sets. Install the linkage rod to the stabilizer. The rod that connects the servo in the fuselage is pre-assembled.



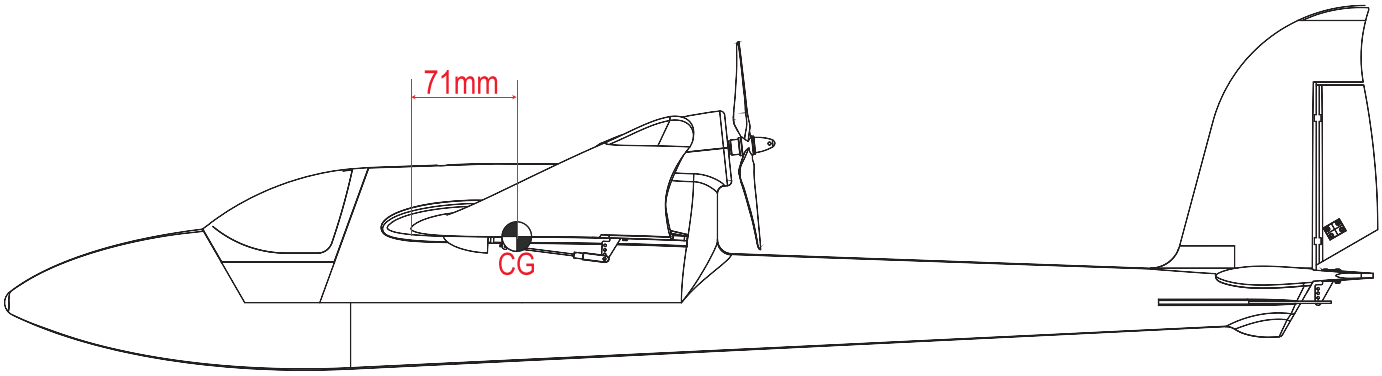


5. Install the cockpit, glue the plastic cover on the cockpit.



6. Attach the propeller as indicated in the picture. Use a cross head screw driver to tighten it.

7. Make sure the center of gravity (CG) is as indicated in the following diagram.



Operating the BIXLER

Powering Up

1. The correct power up process is to turn on the transmitter (controller) first.
2. Lower both the throttle stick (left joystick for Mode 2) and the throttle trim tab (left vertical trim tab on Mode 2) all the way down before powering up the BIXLER.
3. To power on the BIXLER, connect the battery to the ESC (electric speed controller).

Final Adjustments

1. Turn on the transmitter. Make sure the throttle stick and throttle trim tab are both all the way down. Center all the other trim tabs.
2. Connect the plane's battery to the ESC (Electronic Speed Controller) underneath the plane's cockpit. When connected, you will hear three beeps to indicate that it is working.
3. Check that the servos in the plane are set in the neutral position. You may have to make minor adjustments to the servos or push rods. The Aileron and Elevator surfaces should be centered.
4. Place the canopy back onto the plane and attach the decals as shown in the picture on the box.

Warning

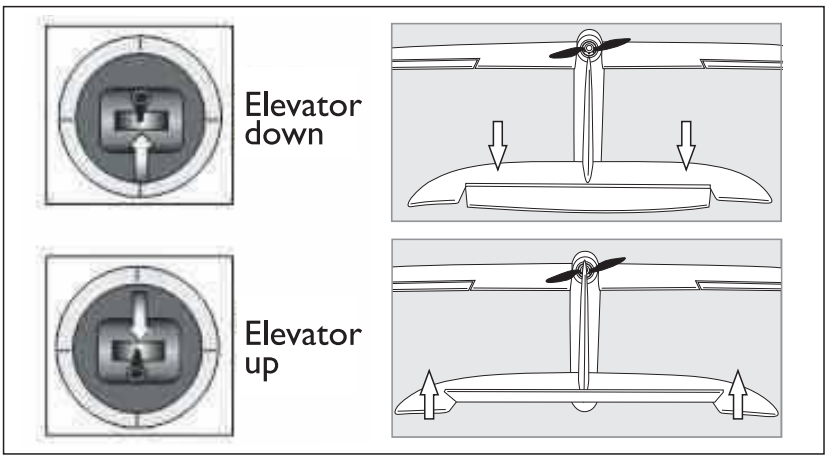
- Beginners should seek help and advice from an experienced person.
- Choose an area large enough and away from buildings, people, vehicles, and overhead power line. Always check that your AA batteries are new or fully charged if using rechargeable batteries. After turning on your transmitter and plane, do a range test before flying.
- Do not fly in presence of a strong wind or rain.
- Do not try to catch the plane by hand when flying.
- Do not touch the propeller when the motor is running. You will cut yourself.
- Always disconnect your battery after every use.

We hope you have enjoyed assembling this model.

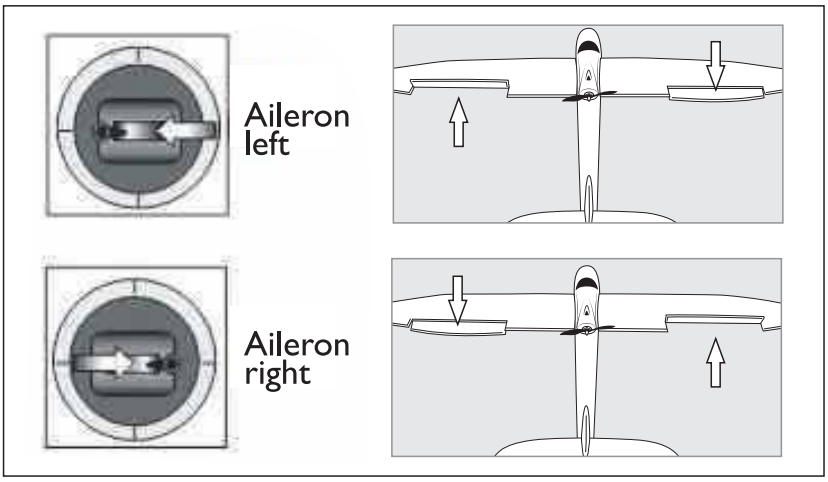
Control Direction Test

You should bind your aircraft and transmitter before doing these tests Move the controls on the transmitter to make sure aircraft control surfaces are moving correctly. Note: Make sure tail pushrods move freely and that paint or decals are not adhered to them.

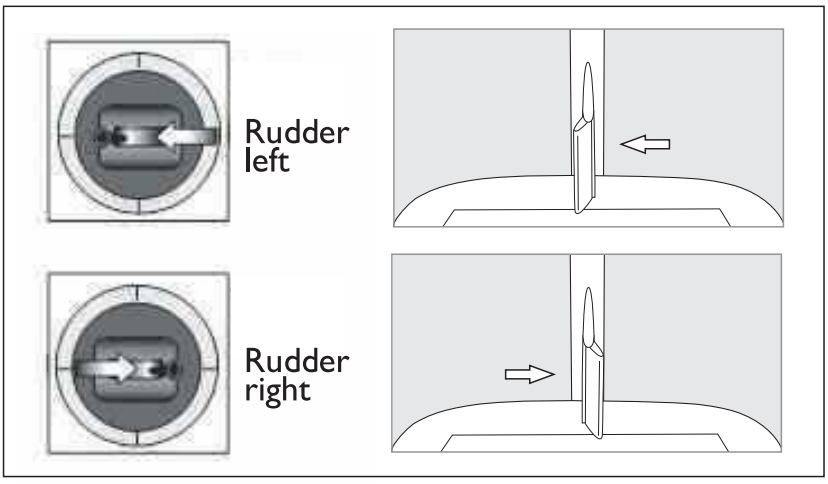
Elevator



Aileron



Rudder



Trouble Shooting

Problem	Cause	Solution
Motor does not run	1.Battery is not fully charged. 2.The battery of transmitter is not sufficient 3.Check the wire connection inside the model	1.Charge the batteries. 2.Install a full charged battery 3.Contact the local dealer
No reaction of the control surface	1.The servo cable didn't plug properly or inverted plug. 2.the servo is damaged	1.Check the connection of the servo cable 2.Change another servo.
Can not fly straight	1.The rudder is not in the center position of the airframe 2.The main wing is not fixed in the center position of the airframe.	1.Adjust the trim switch on the transmitter 2.Re-assembly the main wing
Can not Climb	1.The battery is not fully charged. 2.Elevator is out of trim.	1.Charge the battery 2.Adjust the trim on the Transmitter.
Limited control range	The batteries are almost flat	Install new batteries

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