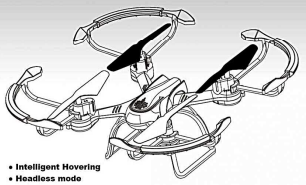
Glory Bright

AGES 14+

INSTRUCTION MANUAL



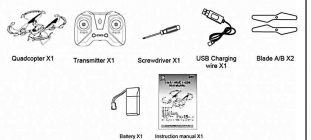
- **Intelligent Hovering**
- **Headless mode**
- **One key flip**
- **One key spiral stunt**
- **One key balance recovery system**
- **One key return in Headless mode**
- **Steady Hovering**
- **New Control Mode with Trimming**

Fx-15 (Setting height & Camera Version)

6-Axis Gyro System 2.4GHz 5Channel 360°Flips

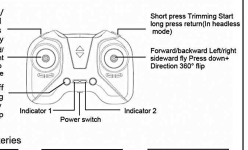
Please read the Instruction Manual carefully before using.
Please keep it for your further reference.

1. INCLUDED PARTS

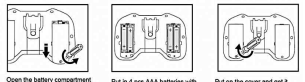


2. TRANSMITTER

2.1 Install Batteries of transmitter



2.2 Install Batteries



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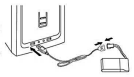
3. Battery charging guide

Connect the battery to the charging cable and plug the USB end into a USB port to charge the battery. Turn the power on. The red indicator will on when the battery is charging. The red indicator will be off once charging complete. Charging time is about 60-80 minutes, flight time is more than 5 minutes.



4. OPERATION INSTRUCTIONS

4.1 Booting System

① Insert the battery into the battery compartment of the quadcopter, Power on the quadcopter (the four LED indicators will flash). Put the quadcopter on a flat surface.

② Switch power on, and the controller will beep twice and the indicators flash. The indicators on the quadcopter will flash as well.

③ Push the left rod completely forward and the controller will beep one time. The indicator on the controller and two indicators on the quadcopter will flash. Pull the left rod completely to the bottom and the controller beep once again. The indicator on the controller and the four indicators on the quadcopter will turn on. The two are now paired.

④ After signal matching, put drone at the horizontal plane than pull the direction joystick clockwise one circle, the four LED lights on drone will light on and keep flashing , The gyroscope will restart and auto scan for location.

★★ Before fly, please make sure finish calibration at the horizontal plane then start fly slow and steady.
★★ when drone crash during fly time and fly not correct direction, please also do calibration as this way.

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①Pull left and right joysticks to inside corner then loose them. tThe blades will rotate in low speed.Then pull throttle joystick to fly up at the suitable height and loose joystick. Now drone will be locked and fly at this heigh. Also could be fly by press the button on controller leftside near power switch, controller with a beep, then drone fly up and keep at the suitable height

5. OPERATING AND CONTROL

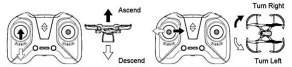
5.1 Speed Shift

The key at top left corner is for speed shift by pressing the key.

① Low Speed: press the speed shift key with a sound of beep.
② Middle Speed: press the shift key at the low speed with two beeps.
③ High Speed: press the shift key at middle speed with three beeps.

5.2 Operation

For the beginners,the acceleration shall be very slow, otherwise it may cause damage out of control.



Push the left lever (accelerator)up and down, The quadcopter will ascends and descends accordingly.

Push the left lever (accelerator)leftward and rightward,the quadcopter will turn left and turn right accordingly.

Push the right lever (evenring rudder) , the quadcopter will go forward and backward accordingly.

Push the right lever (evenring rudder) leftward and rightward, the quadcopter will go leftward and rightward accordingly.

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5.3 Trimming

Press down the key at top right corner with twice beeps into the fine-tuning mode.
★If the quadcopter skewings forwards, It shall be adjusted by pulling backwards the right rod on the transmitter, with the red indicator on the controller flashing in red and the back LED indicators flashing.
★If the quadcopter skewings backwards, It shall be adjusted by pushing forwards the right rod on the transmitter, with the red indicator on the controller flashing in red and the back LED indicators flashing.
★If the quadcopter skewings leftwards, It shall be adjusted by pulling rightwards the right rod on the transmitter, with the red indicator on the controller flashing in red and the back LED indicators flashing.
★If the quadcopter skewings rightwards, It shall be adjusted by pulling leftwards the right rod on the transmitter, with the red indicator on the controller flashing in red and the back LED indicators flashing.
★★After tuning, press down the key at the top right corner on the controller, with a beep, to quit tuning mode. Or keep the right rod still to quit.

6. FLIPS

Press down the right lever, with a beep, into flip mode. Operate the right lever forwards, backwards, leftwards or rightwards, and the quadcopter will flip forwards, backwards,leftwards or rightwards accordingly.

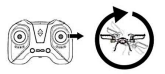
In order to get better playing, pls keep a 1.2m height and ascend , this will be easy to keep the height after flips.

6.1 Leftward flip

Press down the right lever , with a beep, push the lever leftward, the quadcopter will flip one circle leftward.

6.2 Rightward flip

Press down the right lever , with a beep,push the lever rightward, the quadcopter will flip one circle rightward.



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6.3 Forward flip

Press down the right lever , with a beep,push the lever forward, the quadcopter will flip one circle forward.

6.4 Backward flip

Press down the right lever , with a beep,pull the lever backward, the quadcopter will flip one circle backward.

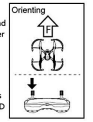
★★ Low Battery Alarm

When all the four indicators flash at the same time, it is a signal of low battery. The flips function will be closed automatically.

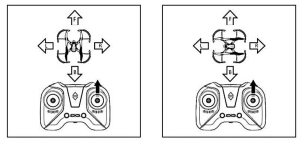
7. HEADLESS MODE

7.1 Headless Mode Shift

★Start-up/Setting: Upon pairing the controller with the quadcopter, Place the quadcopter staying on the ground or hovering in the air,ensure the head of the quadcopter in the same direction with the head of the controller. Press down the left rod into the headless mode, with a beep, Indicator II lighting on in green and the LED indicators diagonally.



★Quit: Press down the left rod again to quit the headless mode,with a beep, Indicator II turns off, and all four LED indicators keep lighting



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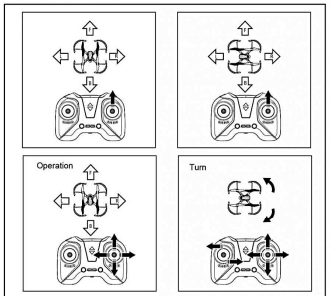

See the diagram. In Headless Mode, with diagonal indicators flashing, no matter which direction the head (the blue LED light) faces, pull down the right rod and the quadcopter will fly back; on the contrary, push forth, it will fly away from the player.

7.2 Direction Calibration

When the quadcopter flies deflected from crash, it may need recalibration by placing it on the plane ground,keeping the head pointing to the head of the controller. and press down the tuning button. The controller will beep and the indicator will flash. Turn the right rod a round clockwise. Four of the red indicators on the quadcopter shall light on from flashing, and then keep flash. The controller indicator will light on from flashing. The direction calibrated.

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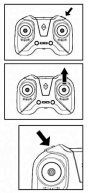
The head of quadcopter will be the heading direction. Keep the quadcopter in the air and press down the left rod to exit the headless mode. How to restart the headless mode: keep the head pointing to the head of the controller, then press down the left rod.
Now the quadcopter points the heading way.

7.3 One key return

In headless mode, press down the Return button on the transmitter.The quadcopter will automatically return.If the quadcopter off course,when return. Please control the right lever fixed route.
★ Press down the return button the quadcopter stop return.
★ Push the right lever"forward" let the quadcopter stop return.



7.4 Stunt fly operate

During fly time, long press the top left corner button, controller with a beep, drone enter high speed spinning top rotation mode , then change to high speed tornado rotation. During special fly,please control the throttle.

Long press the button at top left corner, controller with a beep then drone stop high speed rotarion, per long press drone do high speed rotation one time.

8. FLIGHT ENVIRONMENT:

Do not operate the quadcopter in the bad conditions as mentioned for advoiding accident or unexpected demages.

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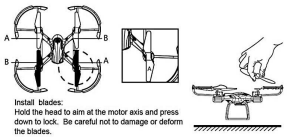
9. INSTALL BLADES

The blades shall be installed to designated location. Blade A/B shall be installed to Location A/B on body. Or the quadcopter may have problems.



Install blades:
Hold the head to aim at the motor axis and press down to lock. Be careful not to damage or deform the blades.

10. TROUBLE SHOOTING

Problem	Reason	Solution
The quadcopter did not respond	1. Singal matching failed. 2. Quadcopter or transmitter low voltage	1. Re-matching again. 2. Replace the transmitter batteries 3. Re-charge to quadcopter
Failed flips	1. Improper operation 2. Quadcopter LED flashes	1. Checking the instruction manual again 2. The battery of quadcopter is power off. Charging again.
Unable to take off	1. The blade is assembled wrong. 2. Blade impact deformation 3. Quadcopter LED flashes	1. Righting blades or replacing blades. 2. Righting blades or replacement blades 3. The low-voltage protection, re-charge to quadcopter
The quadcopter Shake	1. Blade impact deformation 2. gyroscope deviation	1. Righting blades or replacing blades. 2. Read the calibration part and do again.
The quadcopter response delay or interrupt signal	Transmitter low voltage	Replacing the transmitter battery
The quadcopter can not hover	1. Quadcopter is not placed on a horizontal surface when singal matching. 2. Fine-tune of transmitter is not reset yet.	1. Re-matching again. 2. The transmitter should be reset

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Warning : Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.