GET READY TO FLY

1. **Switch on controller.** Make sure left stick is down.

2. **Plug the charger into a USB port and quadcopter as shown.** (The battery connector will only fit in one way. Do not force the connectors together.)

3. **NEVER leave the quadcopter unattended when charging.**

4. **DO NOT allow the USB port to power down when connected to the quadcopter.**

5. **ALWAYS unplug the quadcopter when charging is complete.**

The red LED will light when charging. The red LED will shut off once the charge is complete.

The quadcopter is equipped with a rechargeable 3.7V LiPo battery. Please pay attention to the following cautions for safe use:

- Do not dispose of battery into fire or heat.
- Do not use or leave battery near a heat source, such as fire or a heater.
- Do not strike battery or throw it against a hard surface.
- Do not pierce battery.
- Do not disassemble or alter battery.
- Turn off power switch after use.
- Recycle used batteries.

Apparatus which generates radio frequency energy are capable of interfering with telecommunications device. If the device do interrupt the radio or television, please turn the device off then turn it on to adjust. Below are some resolution for your reference:

- Move the receiving antenna
- Enlarge the distance between the device and receiver
- Try not to connect the device and the receiver on the same circuit
- Ask for professional help from experts

**FCC STATEMENT AND INDUSTRY CANADA NOTICE:**

1. This device complies with Part 15 of the FCC Rules and RSS-210 of Industry Canada. Operation is subject to the following two conditions:
   (1) This device may not cause harmful interference, and
   (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

**Remark:** This device is in accordance with the digital device grade B limitation and the 15th regulation of FCC. This limitation requires reasonable anti-interference protection around the residence. The device can transmit radio wave during use and can interrupt the mobile communication without proper installment. Interruption will occur for special cases around the residence. The device can transmit radio wave during use and can interrupt mobile communication without proper installment. Interruption will occur for special cases.

**Battery Requirements for Controller:**

Requires: 2 x 1.5V AAA size batteries (not included)

**Requirements for USB Charge Cord:**

USB Output Jack (not included)

**Battery Cautions:**

- Parental guidance is recommended when installing batteries.
- Do not power controller by mixing different types of batteries, or old and new batteries.
- Use only batteries of the same or equivalent type as those recommended.

**90 DAY LIMITED WARRANTY**

PLEASE DO NOT RETURN YOUR PRODUCT TO THE STORE – Estes will repair or replace factory defects for 90 days from the date of purchase. This warranty specifically does not cover crash damage, misuse or abuse. To make a warranty claim, please contact our product support team at 1-217-398-8970 or e-mail us at productsupport@hobbico.com

If requested by Product Support, please send defective product to: Hobby Services, 3002 N Apollo Dr., Suite #1, Champaign, IL 61822

The quadcopter must be powered off before charging.

This warranty applies only if the product is operated in compliance with the instructions and warnings provided with each model. Estes assumes no liability except for the exclusive remedy or repair of parts as specified above. Estes shall not be liable for consequential or incidental damages. Some states do not allow the exclusion of consequential or incidental damages so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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Made In Dongguan, Guangdong, China
HOW TO FLY

CORRECTING DRIFT

It is normal for the quadcopter to drift slightly. However if it drifts in any direction consistently press the trim button opposite the movement as many times a needed to eliminate the drift.

LANDING SAFELY

When the battery voltage begins to run low, the LEDs will begin to flash. It is time to land before the built in low voltage cut off reduces power to the motors.

TROUBLESHOOTING

PROBLEM: Controller cannot be linked to the quadcopter.
SOLUTION: Throttle position needs to be at zero.

PROBLEM: Controller LED flashing after binding.
SOLUTION: Replace batteries.

PROBLEM: Quadcopter shaking.
SOLUTION: Check if the canopy, chassis and rotors are damaged.

PROBLEM: Will not take off.
SOLUTION: Check that the rotor blades are properly installed.

CALIBRATING THE SENSORS

If the quadcopter doesn’t trim well, recalibrate the sensors.

1. Turn on the controller and the quadcopter. Place the quadcopter on a flat surface.
2. Hold the left stick to the lower right. At the same time, quickly move the right stick left and right several times until the blue LED’s flash.

REPLACEMENT BLADES

FRONT
Gray Blades, Blue LEDs

REAR
Black Blades, Red LEDs