

FAQs

1. What is FPV?

FPV is 'First Person View' and involves viewing the video image from a small camera on the quadcopter.

2. Do I need a licence to fly one?

In Australia you don't need a licence to fly one unless you receive money (commercial gain).

3. Where can I fly them?

You can fly them in most places as long as you fly responsibly. The Civil Aviation and Safety Authority (CASA) provides the following guidelines for RPA (reportedly piloted aircraft):

- **Fly** in daylight only;
- **Fly** LOS (line of sight);
- **Fly** no closer than 30 metres to vehicles, boats, buildings and people;
- **Do not fly** over populous areas ie. beaches, sports ovals (when in use);
- **Do not fly** higher than 120 metres (400 feet);
- **Fly** at least 5.5km away from airfields, aerodromes and helicopter landing sites.

4. How long does the battery last?

Depending on the size of the battery and specifications. For racing/freestyle the batteries usually last between 5-6 minutes. This, of course, depends on how much you like to use the available power.

5. How far do they go?

This depends on your equipment but in Australia you can only fly LOS (line of sight). Most radio transmitters will reach up to 1km in clear skies, however your video will not make the same distance due to the legal video transmitter power output of 25mw.

6. How difficult is it to learn?

It's easy to fly a quadcopter but to fly with skill takes time. Like any sport or hobby, the more time you spend in the air on the controls than the faster your skills will develop. There is also important stuff you need to know about the associated equipment. i.e. Lipo batteries. We help you with this by sending you stuff to read and learn along the way.

7. Do I need any remote control (RC) background?

You don't need any prior history with RC models. It does help your learning if you purchase a small, inexpensive quadcopter to learn the basics of flying. See here for a great range of hobby and toy quadcopters: www.justdrones.com.au



8. What happens if I crash and break it?

Don't worry, we provide a fast and quality repair service and can ship nationally and worldwide. We also have a great range of parts online and in our workshop. Just send us an email info@multirotorverse.com to see if we have anything not listed on the website in stock, we usually do.

9. Is there other people that I can fly with and learn from?

In each State there is a great community of people you can get involved with who fly and support each other in the hobby. We can introduce you to these groups and clubs and get you into the community.

10. Can I do any training to help with the learning curve?

We recommend using online simulators and can recommend the best available. Also we run training sessions for groups that help you learn the basics of the equipment, flying lessons and the legislation so you can confidently and safely enjoy flying your quadcopter.

11. What is mode 1 and mode 2 on a radio controller?

There are four basic control inputs on a radio control (Throttle, Yaw, Pitch and Roll). On a Mode 1 radio the controls are: Left stick - Pitch, Yaw, Right stick - Throttle, Roll and Model 2 is Left stick – Throttle, Yaw, Right stick – Pitch, Roll. The most popular mode in radio controllers is Mode 2.

12. What does it cost to get started?

We work within every customer's budget and specific and individual needs. You can get started with a FPV quadcopter for as little as \$200. However for a higher quality, durable and faster racing drone expect to spend around \$600 with the right accessories.