The default flight control is known as Mode 2. The left stick controls the aircraft’s altitude and heading, while the right stick controls its forward, backward, left and right movements. The gimbal dial controls the camera’s tilt.

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**Phantom 4 Pro V2.0**

The DJI PHANTOM™ 4 Pro V2.0 is a smart prosumer flying camera capable of shooting 4K video at 60 fps and at up to 100 Mbps, and capturing 20 megapixel stills. 4 directions of obstacle avoidance allow it to intelligently avoid obstacles during flight. Using TapFly™ and ActiveTrack™ through the DJI GO™ 4 app, you can fly anywhere visible on your screen or track a moving subject smoothly and easily with a simple tap. The camera uses a 1-inch CMOS sensor offering unprecedented clarity, lower noise, and better quality images.

In addition to the above features, improved propulsion system efficiency means aircraft noise is 4dB (60%) lower than on the Phantom 4 Pro.

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**Remote Controller**

The powerful remote controller of the Phantom 4 Pro V2.0 has a transmission range extending up to 6.2 mi (10 km)*. It features physical buttons and dials to control exposure, camera tilt, photo capture, and video recording. Built into the remote controller is DJI’s latest long-range transmission technology OCUSYNC™, which when paired with a compatible mobile device gives you a live HD view from the Phantom’s camera. Dual frequency support makes the HD video downlink more stable.

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1. Gimbal and Camera  
2. Downward Vision System*  
3. Micro USB Port  
4. Camera/Linking Status Indicator and Link Button  
5. Camera Micro SD Card Slot  
6. Forward Vision System  
7. Infrared Sensing System*  
8. Front LEDs  
9. Motors  
10. Propellers  
11. Aircraft Status Indicators  
12. Antennas  
13. Rear Vision System  
14. Intelligent Flight Battery  
15. Power Button  
16. Battery Level Indicators

* The Vision and Infrared Sensing Systems are affected by surrounding conditions. Read the Disclaimer and Safety Guidelines and watch the tutorials in the DJI GO 4 app or on the official DJI website to learn more.

http://www.dji.com/phantom-4-pro-v2
Remote Controller

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1. Power Button  
2. Return-to-Home (RTH) Button  
3. Control Sticks  
4. Status LED  
5. Battery Level LEDs  
6. Power Port  
7. Mobile Device Holder  
8. Small Device Positioning Tabs  
   (for mobile phones)  
9. Antennas  
10. Handle Bar  
11. Gimbal Dial  
12. Camera Settings Dial  
13. Record Button  
14. Flight Mode Switch  
15. Shutter Button  
16. Intelligent Flight Pause Button  
17. C1 and C2 Buttons  
   (customizable)  
18. USB Port  
19. Micro USB Port

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* The remote controller is able to reach its maximum transmission distance (FCC) in a wide open area with no Electro-Magnetic Interference, and at an altitude of about 400 feet (120 meters).
1. Download the DJI GO 4 App
Search for ‘DJI GO 4’ on the App Store or Google Play, and install the app on your mobile device.

2. Watch the Tutorial Videos
Watch the tutorial videos at www.dji.com or in the DJI GO 4 app.

3. Check the Battery Levels
Press once to check the battery level. Press once, then again and hold to turn on/off.

4. Charge the Batteries
Remove the battery. Charge Time: ~1 hr 20 min

* DJI GO 4 supports iOS 9.0 (or later) or Android 4.4 (or later).

* When charging is complete, the battery level indicators will automatically turn off.
5. Prepare the Remote Controller

Unfold

Press the button to release the clamp.

Place your mobile device and adjust the clamp to secure.

Connect your mobile device with a USB cable.

6. Prepare for Takeoff

Remove the gimbal clamp from the camera.

Power on the remote controller and the aircraft.

Launch DJI GO 4, complete the first-time setup, and tap GO FLY.

First-time activation requires your DJI account and internet connection.

Black propeller rings go on motors with black dots.

Silver propeller rings go on motors without black dots.

Press the propeller down onto the mounting plate and rotate in the lock direction until secure.

• Check that the propellers are secure before each flight.
7. Flight

**Ready to Go (GPS)**

Before taking off, make sure the Aircraft Status Bar in the DJI GO 4 app indicates ‘Ready to Go (GPS)’ or ‘Ready to Go (Vision)’ if flying indoors.

In the DJI GO 4 App:

- **Auto Takeoff**
  The aircraft will take off and hover at an altitude of 4 feet (1.2 meters).

- **Auto Landing**
  The aircraft will land vertically and stop its motors.

- **Return-to-Home (RTH)**
  Bring the aircraft back to the Home Point. Tap again to stop the procedure.

- **Normal**
  You are in control of the Phantom, with satellite and Return-to-Home support.

- **TapFly**
  Tap on your screen to fly your Phantom in that direction, avoiding obstacles as it flies.

- **ActiveTrack**
  Mark an object on your screen to track it as it moves.

⚠️ Watch the tutorial in the DJI GO 4 app or on the official DJI website to learn more.

⚠️ Always set an appropriate RTH altitude before takeoff. When the aircraft is returning to the Home Point, you should guide it with the control sticks. Refer to the Disclaimer and Safety Guidelines for more details.

**Manual Takeoff**

Left stick down (slowly) until you touch the ground

Hold a few seconds to stop the motors

- **Manual Landing**
  Left stick up (slowly) to take off

- **RO**
  Combination Stick Command to start/stop the motors

⚠️ Rotating propellers can be dangerous. Do not start the motors when there are people nearby.

⚠️ Always keep your hands on the remote controller so long as the motor is still spinning.

⚠️ Stop motor mid-flight: Pull the left stick to the bottom inside corner while simultaneously pressing the RTH button. Only stop motors mid-flight in emergency situations when doing so can reduce the risk of damage or injury. Refer to the user manual for details.

It’s important to understand basic flight guidelines, for the safety of both you and those around you. Don’t forget to read the Disclaimer and Safety Guidelines.
Download the user manual for more information:
http://www.dji.com/phantom-4-pro-v2
※ This Quick Start Guide is subject to change without prior notice.
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