Here are the default flight controls (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.

Left Stick
- UP
- Down
- Turn Right
- Turn Left

Right Stick
- Forwards
- Backwards
- Right
- Left

In a wide open area with minimal magnetic interference, and at an altitude of about 400 feet (120 meters), the remote controller is able to reach its maximum transmission distance – FCC compliant mode at 3,940 feet (1.2 km) and CE compliant mode at 1640 feet (500 meters).

It’s time to meet your Phantom 3 4K. The Phantom 3 4K’s camera records video at up to 4K and captures 12 megapixel photos. Review the diagram below for a full list of your Phantom 3 4K’s parts:

- Handle Bar
- Gimbal Dial
- Camera Settings Dial
- Video Recording Button
- Flight Mode Switch
- Shutter Button
- Playback Button
- C1/C2 Buttons (Customizable)
- Micro USB Port

- Power Button
- Return to Home (RTH) Button
- Control Sticks
- Status LED
- Battery Level LEDs
- Power Port
- Mobile Device Holder
- Small Device Positioning Tabs
- Antennas

- Gimbal and Camera
- Vision Positioning System
- Camera Micro SD Card Slot
- Aircraft Micro USB Port
- Camera Status Indicator
- Front LEDs
- Motors
- Propellers

- Aircraft Status Indicators
- Antennas
- Intelligent Flight Battery
- Power Button
- Battery Level Indicators
- Link Button
- Camera Micro USB Port

This powerful Remote Controller allows you to pilot and maneuver your Phantom 3 4K at distances over 3,940 feet (1.2 km)* away, while putting selected camera controls at your fingertips. Built into your Remote Controller is a rechargeable LiPo battery and Wi-Fi video link, which when paired with a compatible mobile device gives you a live HD view from the Phantom’s camera.

Quick Start Guide
V1.0
Phantom 3 4K

It’s time to meet your Phantom 3 4K.

The Phantom 3 4K’s camera records video at up to 4K and captures 12 megapixel photos.

Review the diagram below for a full list of your Phantom 3 4K’s parts:

1. Gimbal and Camera
2. Vision Positioning System
3. Camera Micro SD Card Slot
4. Aircraft Micro USB Port
5. Camera Status Indicator
6. Front LEDs
7. Motors
8. Propellers
9. Aircraft Status Indicators
10. Antennas
11. Intelligent Flight Battery
12. Power Button
13. Battery Level Indicators
14. Link Button
15. Camera Micro USB Port
Remote Controller

This powerful Remote Controller allows you to pilot and maneuver your Phantom 3 4K at distances over 3,940 feet (1.2 km)* away, while putting selected camera controls at your fingertips.

Built into your Remote Controller is a rechargeable LiPo battery and Wi-Fi video link, which when paired with a compatible mobile device gives you a live HD view from the Phantom’s camera.

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 (such as mobile phone)
9. Antennas
10. Handle Bar
11. Gimbal Dial
12. Camera Settings Dial
13. Video Recording Button
14. Flight Mode Switch
15. Shutter Button
16. Playback Button
17. C1/C2 Buttons (Customizable)
18. Micro USB Port

Here are the default flight controls (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.

* In a wide open area with minimal magnetic interference, and at an altitude of about 400 feet (120 meters), the remote controller is able to reach its maximum transmission distance – FCC compliant mode at 3,940 feet (1.2 km) and CE compliant mode at 1,640 feet (500 meters).
Using Phantom 3 4K

1. Download the DJI GO App

Search ‘DJI GO’ on the App Store or Google Play and download the app to your mobile device.

⚠️ The DJI GO app supports iOS 8.0 and Android 4.1.2, or later versions.

2. Check Battery Levels

Press once to check the battery level. Press twice and hold to turn on/off.

3. Charging the Batteries

Remove the battery. Provided Charger Charge Time: ~1.5 hours

Charge Time: ~ 1.5 hours

⚠️ When charging is complete, the battery and the Status LED will automatically turn off.
4. Preparing the Remote Controller

Unfold

Press the button on the side of the Mobile Device Holder to release the clamp.

Place your mobile device into the clamp and adjust it so that the mobile device is held securely in place.

5. Prepare for Takeoff

Remove the gimbal packing.

Remove the gimbal clamp on the camera.

Power on the remote controller and the aircraft.

On your mobile device, select ‘Phantom3_XXXXXX’ from the Wi-Fi networks and enter the default password ‘12341234’.

Activate your Phantom if you are using it for the first time. This requires an internet connection.

Launch the app and tap Enter Camera View, then follow the on-screen instructions.

Tap the Aircraft Status Bar at the top of the screen and choose Calibrate. Follow the instructions to calibrate the aircraft’s compass.

Black propeller nuts go on motors with black dots.
Silver propeller nuts go on motors without black dots.

Tighten the propellers with both hands before each flight.
6. Flight

**Safe to Fly (GPS)**

Before taking off, ensure the Aircraft Status Bar in the DJI GO app indicates ‘Safe to Fly (GPS)’.

In the DJI GO 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**
  Brings the aircraft back to the Home Point. Tap again to stop the procedure.

  - The aircraft will not avoid obstacles while it is returning to the Home Point, and an appropriate RTH altitude MUST be set before flight. You should also use the control sticks to guide the aircraft. Refer to the Safety Guidelines and Disclaimer for more details.

**Manual Takeoff**

Combination Stick Command to start/stop the motors

**Manual Landing**

- Left stick down (slowly) until you touch the ground
- Hold a few seconds to stop the motors

- Left stick up (slowly) to take off

- Never stop the motors mid-flight, otherwise the aircraft will crash. Only stop the motors when the aircraft is on the ground or as required in emergency situations to reduce the risk of damage or injury.

7. Fly Safe

DJI encourages you to enjoy flying in a safe, responsible and smart way.

- **DO NOT FLY** near or above people, near trees, power lines or buildings.

- **DO NOT FLY** in rain, snow, fog, and wind speeds exceeding 22 mph or 10 m/s.

- **Always fly under 400 ft**
  - DO MONITOR YOUR ALTITUDE
  - and fly under 400 feet (120 meters).

- **DO MAINTAIN LINE OF SIGHT**
  - and avoid flying behind buildings or obstacles that block your view.

- **No Fly Zones**
  More information at: [http://flysafe.dji.com/no-fly](http://flysafe.dji.com/no-fly)
Specifications

- **Aircraft**
  - Weight (Including Battery): 2.82 lbs. (1280 g)
  - Max Ascent Speed: 5 m/s
  - Max Descent Speed: 3 m/s
  - Max Speed: 16 m/s (Atti mode, no wind)
  - Max Service Ceiling Above Sea Level: 19685 feet (6000 m) (Software altitude limit: 400 feet above takeoff point)
  - Max Flight Time: Approximately 25 minutes
  - Operating Temperature Range: 32° to 104° F (0° to 40° C)
  - Gimbal
    - Controllable Range: Pitch: -90° to +30°
  - Vision Positioning
    - Velocity Range: <8 m/s (Altitude 2 m)
    - Altitude Range: 50 cm to 300 cm
    - Operating Range: 50 cm to 300 cm
    - Operating Environment: Surface with clear pattern and adequate lighting (Lux > 15)
  - Camera
    - Sensor: Sony EXMOR 1/2.3” Effective pixels:12.4 M (total pixels: 12.76 M)
    - Lens: FOV (Field Of View) 94° 20 mm (35 mm format equivalent) 62.8
    - ISO Range: 100-3200 (video) 100-1600 (photo)
    - Electronic Shutter Speed: 8 to 1/8000 s
    - Image Max Size: 4000×3000
    - Still Photography Modes: Single shot
    - Video Recording Modes: Burst shooting: 3/5/7 frames
    - Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7EV Bias
    - Time-lapse
    - Video Recording Modes: UHD: 4K (4096×2160) 24/25p; 4K (3840×2160) 24/25/30p
    - FHD: 1920×1080 24/25/30/48/50/60p
    - HD: 1280×720 24/25/30/48/50/60p
    - Max Bitrate of Video Storage: 60 Mbps
    - Supported File Systems: FAT32 (≤ 32 GB); exFAT (> 32 GB)
    - Photo Formats: JPEG, DNG
    - Video Formats: MP4/MOV (MPEG-4 AVC/H.264)
    - Supported SD Card Types: Micro SD, Max capacity: 64GB. Class 10 or UHS-1 rating required
    - Operating Temperature Range: 32° to 104° F (0° to 40° C)
  - Wi-Fi Video Link
    - Operating Frequency: 2.400 GHz – 2.483 GHz
    - Max Transmission Distance: FCC: 3940 feet (1200 m); CE: 1640 feet (500 m) (outdoors and unobstructed, aircraft’s altitude at 400 feet (120 m))
    - Transmitter Power (EIRP): FCC: 27 dBm; CE: 20 dBm
  - Remote Controller
    - Operating Frequency: 5.725 GHz - 5.825 GHz, 922.7 MHz - 927.7 MHz (Japan Only)
    - Max Transmission Distance: FCC: 3940 feet (1200 m); CE: 1640 feet (500 m) (outdoors and unobstructed, aircraft’s altitude at 400 feet (120 m))
    - Operating Temperature Range: 32° to 104° F (0° to 40° C)
    - Battery: 2.600 mAh LiPo 18650 2S
    - Mobile Device Holder: Tablets and smartphones
    - Transmitter Power (EIRP): FCC: 19 dbm; CE:14 dbm
    - Working Voltage: 300 mA @ 7.4 V
  - Charger
    - Voltage: 17.4 V
    - Rated Power: 57 W
  - Intelligent Flight Battery (PH3-4480 mAh-15.2 V)
    - Capacity: 4480 mAh
    - Voltage: 15.2 V
    - Battery Type: LiPo 4S
    - Energy: 68 Wh
    - Net Weight: 365 g
    - Operating Temperature: 14° to 104° F (-10° to 40° C)
    - Max Charging Power: 100 W

Download the user manual in the DJI GO app for more information.

※ This Quick Start Guide is subject to change without prior notice.
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