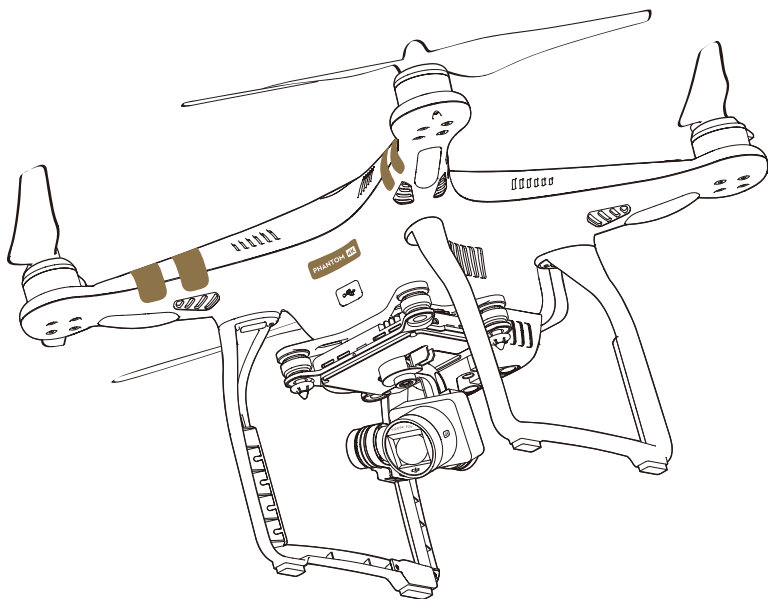


PHANTOM 3 4K

Quick Start Guide

V1.0

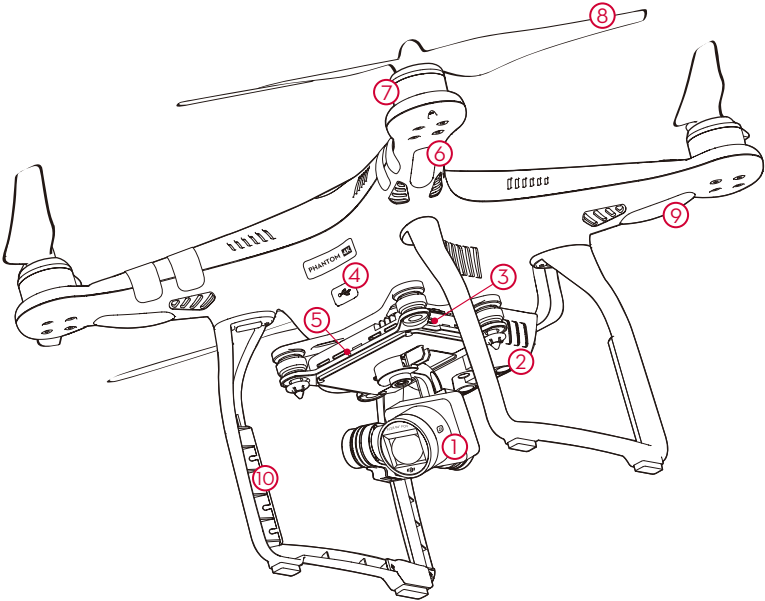


Phantom 3 4K

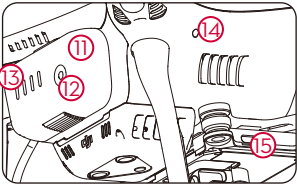
It's time to meet your Phantom 3 4K.

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

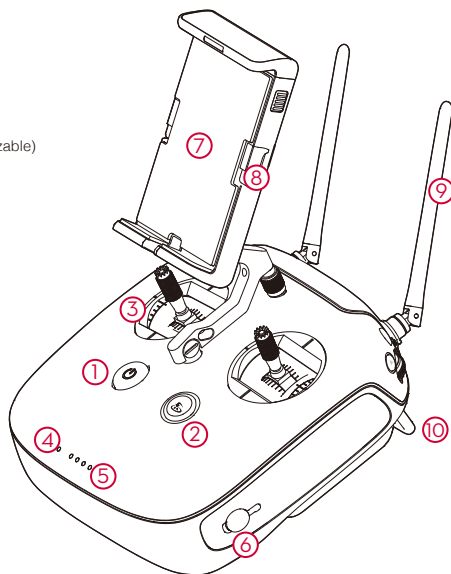
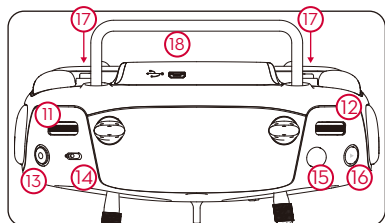


Remote Controller

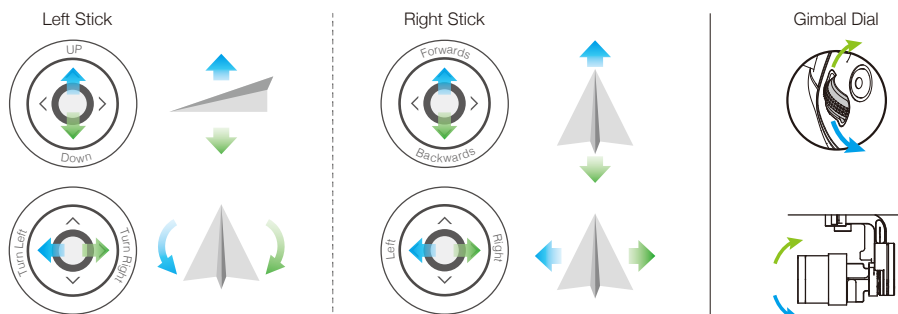
This powerful Remote Controller allows you to pilot and maneuver your Phantom 3 4K at distances over 3,940 feet (1.2 km)* away, while putting selected camera controls at your fingertips.

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 | 10. Handle Bar |
| 2. Return to Home (RTH) Button | 11. Gimbal Dial |
| 3. Control Sticks | 12. Camera Settings Dial |
| 4. Status LED | 13. Video Recording Button |
| 5. Battery Level LEDs | 14. Flight Mode Switch |
| 6. Power Port | 15. Shutter Button |
| 7. Mobile Device Holder | 16. Playback Button |
| 8. Small Device Positioning Tabs
(such as mobile phone) | 17. C1/C2 Buttons (Customizable) |
| 9. Antennas | 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 1640 feet (500 meters).

Using Phantom 3 4K

1. Download the DJI GO App

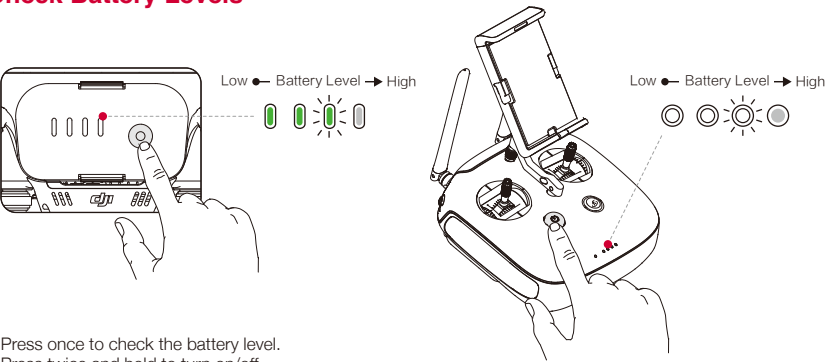
Search 'DJI GO' on the App Store or Google Play and download the app to your mobile device.



DJI GO App

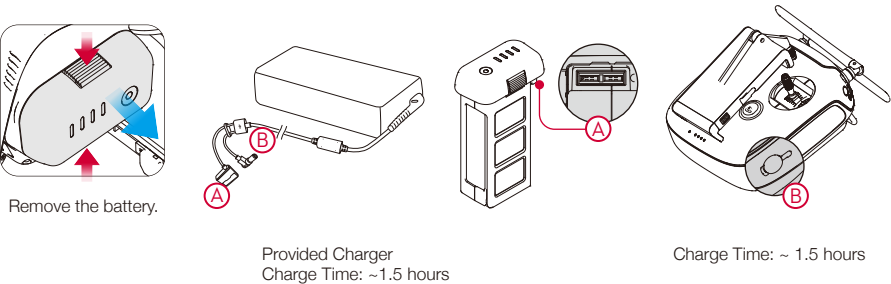
-  • The DJI GO app supports iOS 8.0 and Android 4.1.2, or later versions.

2. Check Battery Levels



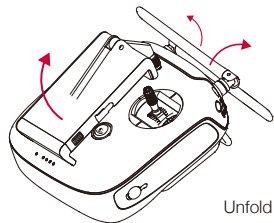
Press once to check the battery level.
Press twice and hold to turn on/off.

3. Charging the Batteries



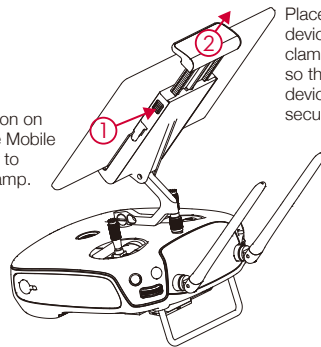
-  • When charging is complete, the battery and the Status LED will automatically turn off.

4. Preparing the Remote Controller



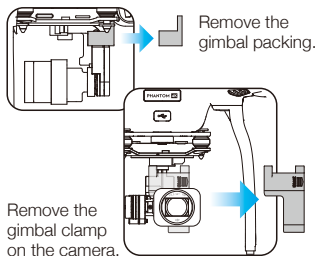
Unfold

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



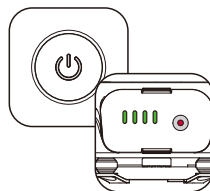
Place your mobile device into the clamp and adjust it so that the mobile device is held securely in place.

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'.



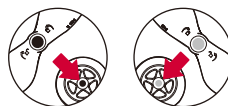
Activate your Phantom if you are using it for the first time. This requires an internet connection.



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

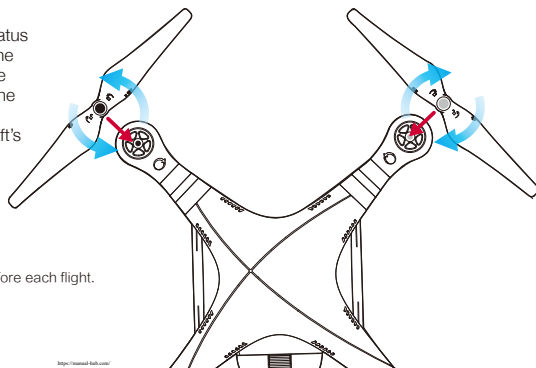


Tap the Aircraft Status Bar at the top of the screen and choose Calibrate. Follow the instructions to calibrate the aircraft's compass.



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.



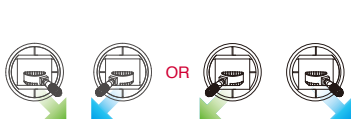
Return-To-Home

Brings the aircraft back to the Home Point. Tap again to stop the procedure.

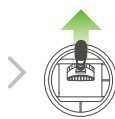


- The aircraft will not avoid obstacles while it is returning to the Home Point, and an appropriate RTH altitude **MUST** be set before flight. You should also use the control sticks to guide the aircraft. Refer to the Safety Guidelines and Disclaimer for more details.

Manual Takeoff



Combination Stick Command to start/stop the motors



Left stick up (slowly) to take off

Manual Landing



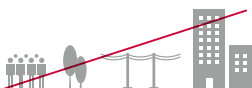
Left stick down (slowly) until you touch the ground
Hold a few seconds to stop the motors



- 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 MONITOR YOUR ALTITUDE

and fly under 400 feet (120 meters).



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



DO MAINTAIN LINE OF SIGHT

and avoid flying behind buildings or obstacles that block your view.



No Fly Zones

It is important to understand basic flight guidelines, for the safety of both you and those around you. Refer to the Safety Guidelines and Disclaimer for more information.

More information at:
<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)
GPS	GPS

• 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) f/2.8
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

	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

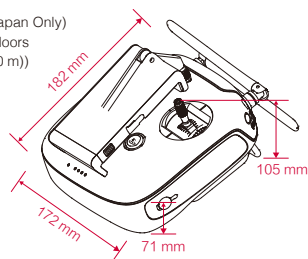
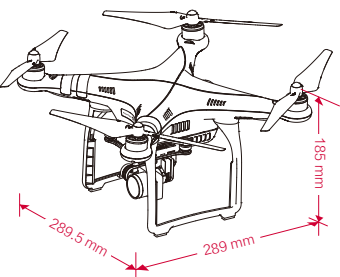
Operating Frequency	5.725 GHz - 5.825 GHz, 922.7 MHz - 927.7 MHz (Japan Only)
Max Transmission Distance	FCC: 3940 feet (1200 m); CE: 1640 feet (500 m) (outdoors and unobstructed, aircraft's altitude at 400 feet (120 m))
Operating Temperature Range	32° to 104° F (0° to 40° C)
Battery	2,600 mAh LiPo 18650 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



CE 1313 RoHS

This device complies with part 15 of the FCC Rules. 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.

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

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

©2015 DJI. All Rights Reserved

Designed by DJI. Printed in China.

PHANTOM 3 