DJI CP.PT.00000273.01

DJI Phantom 4 Pro/Pro+ V2.0 Quadcopter Instruction Manual

Model: CP.PT.00000273.01

Product Overview

This manual provides essential information for the operation and maintenance of the DJI Phantom 4 Pro/Pro+ V2.0 Quadcopter Aircraft Body. This specific product package includes the aircraft body with an integrated gimbal camera and a carry case. Please note that the remote controller, flight battery, propellers, charger, cables, and other accessories are excluded and must be acquired separately for full functionality.

The DJI Phantom 4 Pro/Pro+ V2.0 is designed for advanced aerial photography and videography, featuring a high-resolution camera and robust flight stability. Its intelligent flight modes enhance user experience and enable professional-looking shots.

Setup Guide

Before operating your DJI Phantom 4 Pro/Pro+ V2.0 Quadcopter, ensure all necessary components are available and properly assembled. This manual focuses on the aircraft body; refer to separate manuals for excluded accessories.

1. Inspect the Aircraft Body

Carefully remove the aircraft body from its original foam case. Inspect the drone for any visible damage or loose parts. Ensure the gimbal camera is securely attached and free from obstructions.



Figure 1: Front view of the DJI Phantom 4 Pro/Pro+ V2.0 Quadcopter aircraft body, showcasing the integrated gimbal camera.

2. Propeller Attachment (If applicable)

Although propellers are not included with this aircraft body, for future reference, ensure correct propeller attachment. Match the propellers with silver caps to motors with silver caps, and propellers with black caps to motors with black caps. Twist to secure them firmly.



Figure 2: Bottom view of the DJI Phantom 4 Pro/Pro+ V2.0 Quadcopter, showing the motor mounts where propellers would be attached.

3. Battery Installation (Not included)

Insert a fully charged DJI Intelligent Flight Battery (not included) into the battery compartment at the rear of the aircraft until it clicks into place. Ensure it is securely seated.

4. Remote Controller Pairing (Not included)

This aircraft body is compatible with GL300L and GL300K remote controllers only. Refer to your remote controller's manual for specific pairing instructions. Ensure the remote controller is fully charged and properly linked to the aircraft before flight.

Operating Instructions

The DJI Phantom 4 Pro/Pro+ V2.0 offers advanced flight capabilities and imaging features. Always operate the drone in accordance with local regulations and safety guidelines.

Flight Stability and Safety

The drone is equipped with sensors in all directions, providing enhanced flight stability and obstacle avoidance. This allows for confident flying, as the system helps prevent collisions. Always maintain visual line of sight with the aircraft during flight.

Intelligent Flight Modes

Utilize the intelligent flight modes for simplified and professional aerial shots. These modes include tracking moving subjects and drawing flight paths, making complex maneuvers easier to execute. Consult the full product manual or DJI GO 4 app for detailed instructions on activating and using these modes.

Camera Operation

The integrated gimbal camera features a large sensor and high resolution, capable of capturing breathtaking 4K video and high-quality images. The camera delivers impressive clarity and detail even in challenging lighting conditions. Video footage remains smooth, even at higher frame rates. Control camera settings and initiate recording/capture via the linked remote controller and DJI GO 4 app.

Battery Life

The drone's design supports a solid battery life, allowing for extended flight times to capture comprehensive aerial footage. Monitor battery levels constantly via the remote controller's display or the DJI GO 4 app.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your DJI Phantom 4 Pro/Pro+ V2.0 Quadcopter.

- **Cleaning:** Regularly clean the aircraft body, motors, and camera lens with a soft, dry cloth. Avoid using harsh chemicals.
- **Propeller Inspection:** If you acquire propellers, inspect them before each flight for cracks, bends, or damage. Replace damaged propellers immediately.
- **Gimbal Protection:** Always attach the gimbal clamp when transporting or storing the aircraft to protect the camera and gimbal system.
- **Battery Care:** Store batteries at approximately 50% charge if not used for extended periods. Avoid overcharging or fully discharging batteries.
- **Firmware Updates:** Periodically check for and install the latest firmware updates for both the aircraft and remote controller to ensure optimal performance and access to new features.

Troubleshooting

This section addresses common issues you might encounter with your DJI Phantom 4 Pro/Pro+ V2.0 Quadcopter.

Problem	Possible Cause	Solution
Drone will not fly / No firmware updates.	Outdated firmware, uncalibrated sensors, or unlinked remote controller.	Ensure the latest firmware is installed via the DJI GO 4 app. Calibrate the IMU and compass as per the DJI GO 4 app instructions. Verify the remote controller is correctly linked to the aircraft. Check that a charged battery is properly installed.

Problem	Possible Cause	Solution
Poor image/video quality.	Dirty lens, incorrect camera settings, or strong vibrations.	Clean the camera lens carefully. Adjust camera settings (ISO, shutter speed, white balance) for current lighting conditions. Ensure propellers are balanced and securely attached to minimize vibrations.
Short flight time.	Battery degradation, cold weather, or aggressive flying.	Use fully charged batteries. Avoid flying in extremely cold temperatures. Fly smoothly and avoid rapid acceleration/deceleration.

For more complex issues, refer to the official DJI support resources or contact customer service.

Specifications

Feature	Detail
Brand	DJI
Model Name	Phantom 4, Phantom 4 Pro
Item Model Number	CP.PT.00000273.01
Video Capture Resolution	4K
Connectivity Technology	Wi-Fi
Item Weight	1 Pounds (Aircraft Body Only)
Battery Capacity (Typical)	5870 Milliamp Hours (for compatible battery, not included)
Video Capture Format	MP4
Control Type	Remote Control (compatible GL300L, GL300K only)
Maximum Range	3.1 Miles
Material	Foam (referring to case material)
Operating Temperature	32 Degrees Fahrenheit (0°C)
Supported Image Format	JPEG
Optical Sensor Technology	CMOS
Product Dimensions	12 x 12 x 12 inches
UPC	190021316508

Warranty and Support

For detailed warranty information regarding your DJI Phantom 4 Pro/Pro+ V2.0 Quadcopter, please refer to the warranty card included with your purchase or visit the official DJI website. Warranty terms and conditions may vary by region and product.
For technical support, service, or further inquiries, please contact DJI Customer Support through their official website or authorized service centers. Keep your proof of purchase and product serial number readily available when seeking support.
You can visit the official DJI Store for more information:DJI Store

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Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question