

# Product Profile

## Introduction

The DJI Mavic Pro is DJI's smallest flying camera, featuring a fully stabilized camera, Intelligent Flight Modes and Obstacle Avoidance inside a revolutionary folding design. It captures 4K videos and 12 megapixel photos, and is capable of both ActiveTrack™ and TapFly™ making complex shots effortless.

Mavic Pro boasts a maximum flight speed of 40 mph (65 kph) and a maximum flight time of 27 minutes\*. In addition, the Mavic Pro Platinum has an extended max flight time of 30 min, as well as a 60% noise reduction. (This user manual is taking Mavic Pro's figure for example. )

\* Maximum flight time was tested in 0 wind at a consistent 15.5 mph (25 kph). This value should be taken for reference only.

## Features Highlights

The Mavic Pro is an ultra-portable aircraft thanks to its revolutionary folding design.

**Camera and Gimbal:** With the Mavic Pro, you are shooting 4K video at up to 30 frames per second and capturing 12 megapixel photos that look crisper and cleaner than ever, all stabilized by the compact on-board gimbal.

**Flight Controller:** The next-generation flight controller has been updated to provide a safer, more reliable flight experience. The aircraft is able to automatically return to its home point when transmission signal is lost or battery level is low. Apart from being able to hover in door at low altitudes, the aircraft is also able to sense and avoid obstacles on its route, enhancing safety.

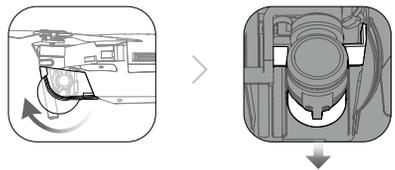
**HD Video Downlink:** Built into the Remote Controller is DJI's latest long-range transmission technology OCUSYNC™, offering a maximum transmission range of 4.3 mi (7 km) and making it possible to control your aircraft up and stream video to your mobile device at 1080p.

## Preparing the Mavic Pro

All arms of the aircraft are folded on delivery. Follow the instructions below to unfold all the arms.

### Preparing the Aircraft

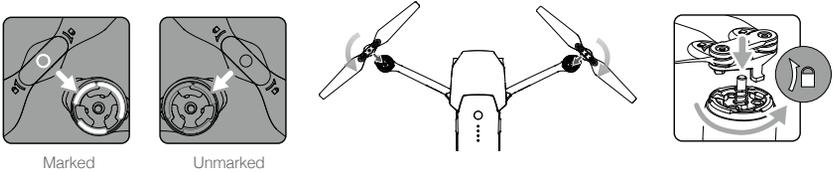
Remove the gimbal cover and gimbal clamp from the camera.



- The gimbal cover is used to protect the gimbal. Remove it when necessary.
- Use the Gimbal Clamp and Gimbal Cover to protect the gimbal when the Mavic Pro is not in use.

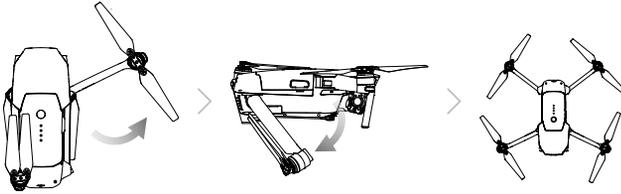
### Attaching the Propellers

Attach the white ringed propellers to the mounting base with white marks. Press the propeller down onto the mounting plate and rotate in the lock direction until it is secured. Attach the other propellers to the mounting base without marks.



### Unfold the Arms

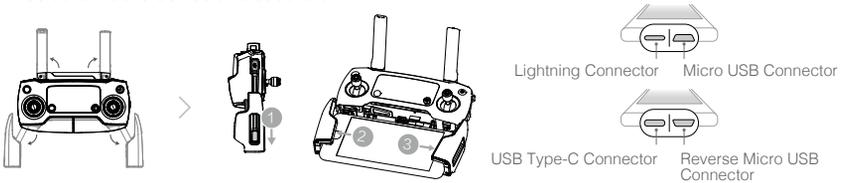
1. Unfold the front arms, followed by the rear arms of the aircraft as shown.
2. Unfold all propeller blades.



- ⚠ • Unfold the front arms and the propellers before the rear ones. All arms and propellers must be unfolded before powering on the aircraft, or it may affect Self Diagnostic Testing.

### Preparing the Remote Controller

1. Unfold the mobile device clamps and the antennas.
2. Choose an appropriate RC cable based on the type of mobile device used. An RC cable with a Lightning Connector has been connected and the Standard Micro USB connector cable and the USB Type-C connector cable are included. An optional Reverse Micro USB connector cable is available. Insert the mobile device and secure it. Insert the mobile device and secure it.



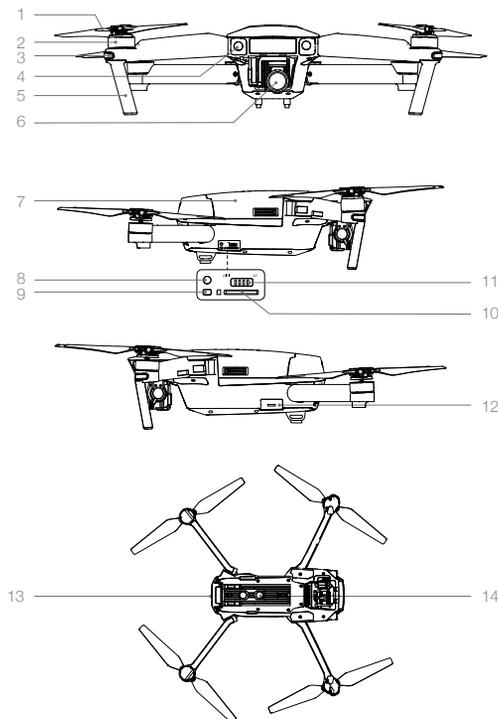
Refer to the figure below for how to replace the RC cable.



The RC cable slider must be replaced if using an USB Type-C RC cable.

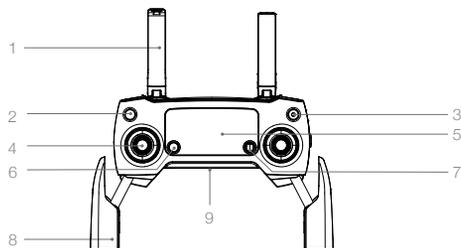
- ⚠ • Ensure the Control Mode Switch is toggled to "RC" when using the Remote Controller to control the aircraft.
- You can also connect your mobile device to the remote controller using a USB cable. Plug one end of the cable into your mobile device and the other end into the USB port on the bottom of the remote controller. Ensure to disconnect the RC cable from the Micro USB port on the remote controller when using a USB cable.

## Aircraft Diagram



1. Propeller
2. Motor
3. Front LED Indicator
4. Forward Vision System
5. Landing Gear (with built-in antennas)
6. Gimbal and Camera
7. Intelligent Flight Battery
8. Link Button
9. Linking Status Indicator
10. Camera Micro SD Card Slot
11. Control Mode Switch
12. Micro USB Port
13. Aircraft Status Indicator
14. Downward Vision System

## Remote Controller Diagram



1. **Antennas**  
Relays aircraft control and video signal.
2. **Return to Home (RTH) Button**  
Press and hold the button to initiate Return to Home (RTH). Press again to cancel RTH.
3. **Power Button**  
Used to turn the remote controller on and off.
4. **Control Stick**  
Controls the orientation and movement of the aircraft.

**5. LCD Screen**

Displays the aircraft and Remote Controller's system status.

**6. Flight Pause Button**

Press once for emergency braking.

**7. 5D Button**

The default configuration is listed below. Set these values based on your preference in the DJI GO 4 app.

Left: Zoom In

Right: Zoom Out

Up: Gimbal Forward

Down: Gimbal Downward

Press down: Bring up DJI GO 4 Intelligent Flight menu.

**8. Mobile Device Clamp**

Securely mounts your mobile device onto the remote controller.

**9. USB Port**

Connection to mobile device for DJI GO 4 app.

**10. C1 Button**

The default configuration is listed below.

Set these values based on your preference in the DJI GO 4 app.

Press once to focus on the center or add a waypoint when using Waypoints.

**11. C2 Button**

The default configuration is listed below.

Set these values based on your preference in the DJI GO 4 app.

Press once to playback or delete a waypoint when using Waypoints.

**12. Gimbal Dial**

Control the camera's tilt.

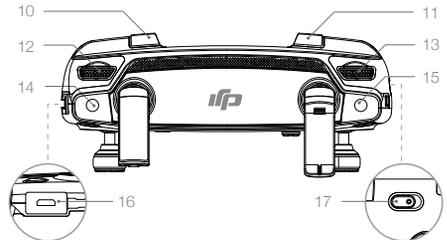
**13. Camera Settings Dial**

Turn the dial to adjust camera settings.

(Only functions when the remote controller is connected to a mobile device running the DJI GO 4 app)

**14. Record Button**

Press to start recording video. Press again to stop recording.

**15. Shutter Button**

Press to take a photo. If burst mode is selected, a pre-set number of photos will be taken.

**16. Power Port**

Connect to the Charger to charge the remote controller battery. Connect this port to your mobile device using the RC cable.

**17. Flight Mode Switch**

Switch between P-mode and S-mode.