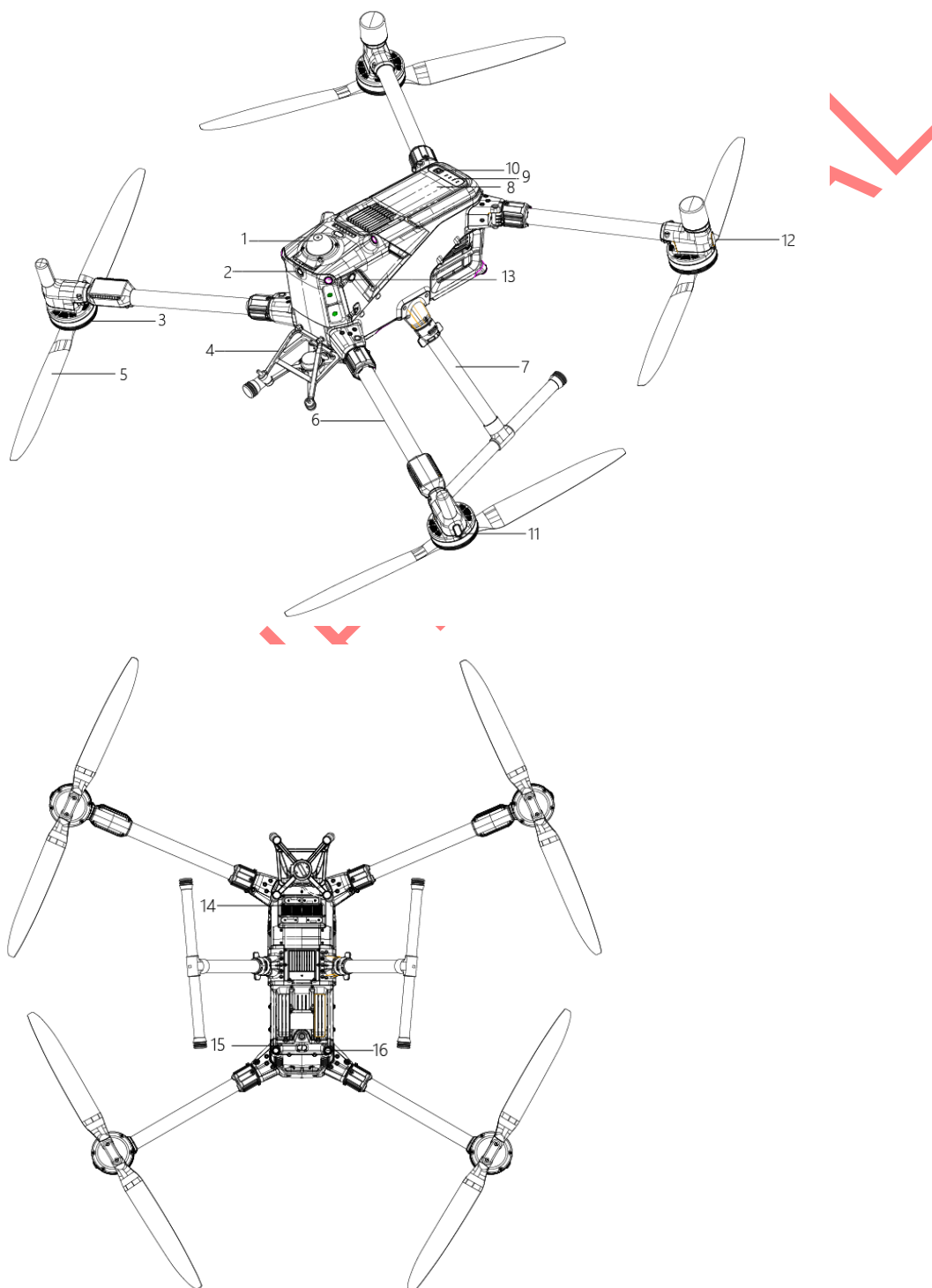
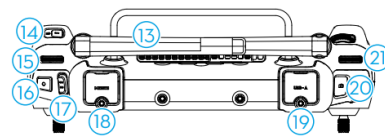
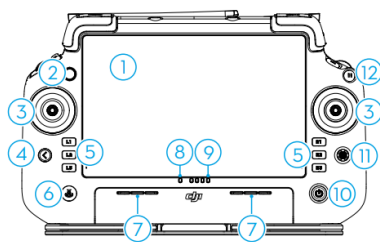

Matrice 400A Quick Start Guide

Matrice 400A



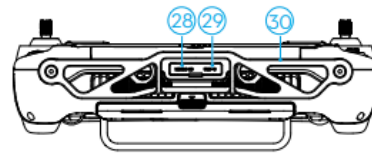
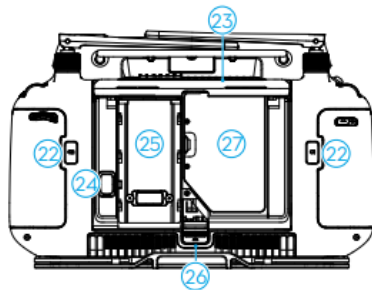
-
1. CSM Radar
 2. FPV Camera
 3. Motors
 4. Gimbal Connector
 5. Propellers
 6. Frame Arms
 7. Landing Gears
 8. Intelligent Flight Battery
 9. Battery Level Indicators
 10. Power Button
 11. Front LEDs
 12. Status Indicators
 13. Vision Systems
 14. E-Ports
 15. Downward Infrared Sensing System
 16. Downward Vision System

DJI RC Plus 2

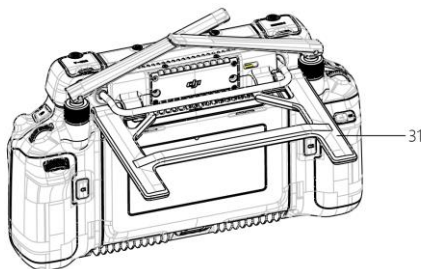


1. Touchscreen
2. Aircraft Authority Button
3. Control Sticks
4. Back/Function Button
5. L1/L2/L3/R1/R2/R3 Buttons
6. Return to Home (RTH) Button
7. Microphones
8. Status LED
9. Battery Level LEDs
10. Power Button
11. 5D Button
12. Flight Pause Button
13. External RC Antennas
14. C3 Button (customizable)
15. Left Dial
16. Record Button
17. Flight Mode Switch

-
- 18. HDMI Port
 - 19. USB-A Port
 - 20. Focus/Shutter Button
 - 21. Right Dial



- 22. C1/C2 Button (customizable)
- 23. Rear Cover
- 24. Battery Release Button
- 25. Battery Compartment
- 26. Rear Cover Release Button
- 27. Dongle Compartment
- 28. microSD Card Slot
- 29. USB-C Port
- 30. Holder



- 31. Sub2G SDR Module

Using Matrice 400A

1. Charging

Charging the Batteries

- a. Connect the battery station to a power outlet using the AC power adaptor cable.
- b. Press the power button once to power on the battery station.
- c. Insert the batteries into the battery ports to start charging.

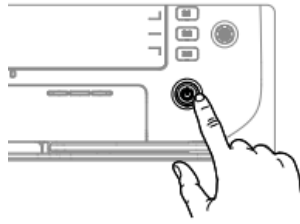
Charging the DJI RC Pro

Connect the battery station and the remote controller USB-C ports using a USB-C to USB-C cable to activate and charge the internal battery.

2. Preparing the Remote Controller

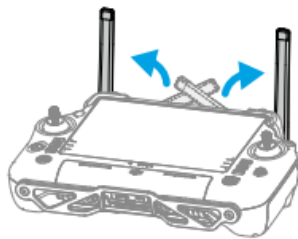
Check battery level: press once.

Power on/off: press and then press and hold for two seconds. The remote controller needs to be activated before using for the first time. Follow the prompts to activate.



Adjusting the Antennas

Lift and adjust the antennas. The strength of the remote controller signal is affected by the position of the antennas.



3. Preparing the Aircraft

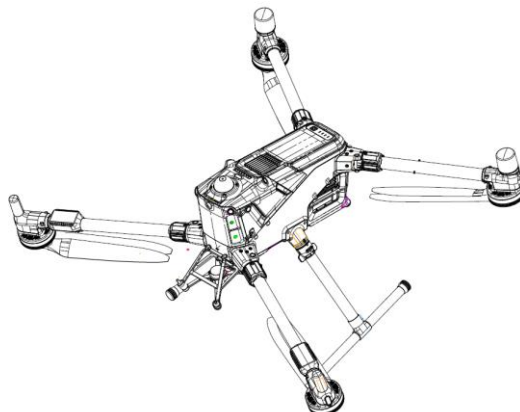
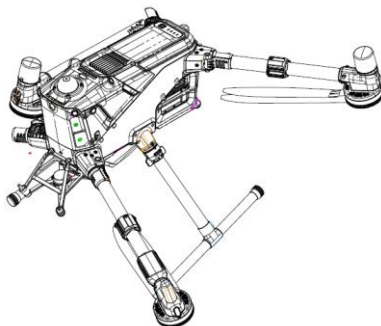
Installing the Landing Gears

Install the landing gears, slide the gear lock to the end of the landing gear, then rotate it about 90° until the dot is in sync with the alignment mark

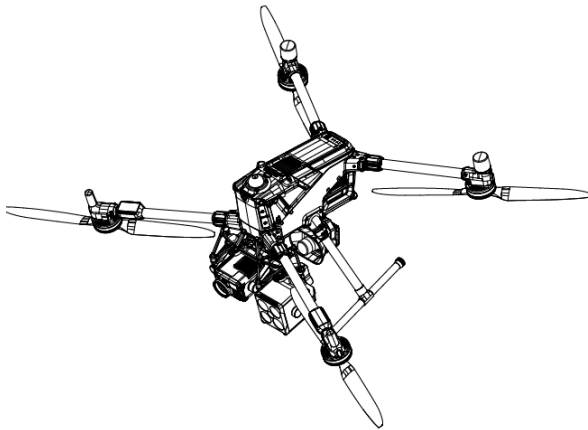
Unfolding the Aircraft

Unfold the frame arms on both sides in the same way.

Lock the frame arms and unfold the propellers.



Mounting the Gimbal and Camera



Mounting the Intelligent Flight Batteries

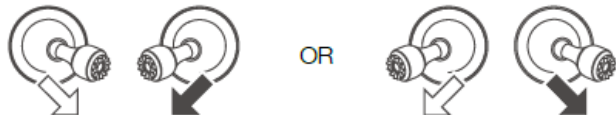
Press the battery level button once to check the battery level.

Power on/off: press and then press and hold for two seconds.

4. Flight

Manual Takeoff / Landing

Combination Stick Command to start / stop the motors.

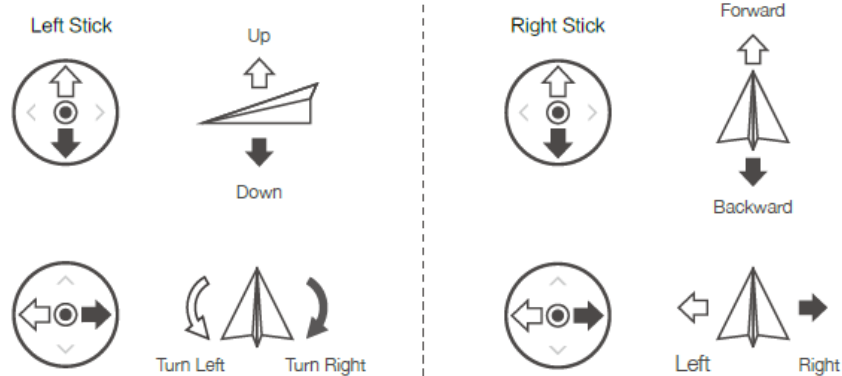


Slowly push the left stick up to take off.
(Mode 2)



Slowly push the left stick down until the aircraft lands. Hold for a few seconds to stop the motors.

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, and left and right movements.



Specifications

- **Aircraft (Model: M400A)**

Operating Temperature	-20°C to 50°C
Operating Frequency	902-928 MHz; 2.400-2.4835 GHz; 5.150-5.250 GHz; 5.725-5.850 GHz
Transmitter Power (EIRP)	900 MHz: <30 dBm 2.4 GHz: <33 dBm 5.2 GHz: <21 dBm 5.8 GHz: <33 dBm

- **Intelligent Flight Battery (Model: TB100-20254-48.23)**

Capacity	20254 mAh
Battery Type	Li-ion
Energy	977 Wh
Charging Temperature	5°C to 55°C

- **Remote Controller (Model: TKPL2)**

Battery	Li-ion (3250 mAh@7.2 V)
O4	
Operating Frequency	902-928 MHz; 2.400-2.4835 GHz; 5.150-5.250 GHz; 5.725-5.850 GHz
Transmitter Power (EIRP)	900 MHz: <30 dBm 2.4GHz: < 33 dBm 5.2 GHz: <21 dBm 5.8GHz: < 33 dBm
Wi-Fi	
Protocol	802.11 a/b/g/n/ac/ax
Operating Frequency	2.400-2.4835 GHz; 5.150-5.250 GHz; 5.725-5.850 GHz
Transmitter Power (EIRP)	2.4GHz: < 26 dBm (FCC), < 20 dBm (CE/SRRC/MIC) 5.1GHz: < 23 dBm 5.8GHz: < 23 dBm (FCC/SRRC), < 14 dBm (CE)
Bluetooth	
Protocol	Bluetooth 5.2
Operating Frequency	2.400-2.4835 GHz
Transmitter Power (EIRP)	< 10 dBm

FCC Compliance Notice

Supplier's Declaration of Conformity

Product name: Matrice 400A

Model Number: M400A

Responsible Party: DJI Research LLC

Responsible Party Address: 17301 Edwards Road, Cerritos, CA 90703

Website: www.dji.com

We, DJI Research LLC, being the responsible party, declares that the above mentioned model was tested to demonstrate complying with all applicable FCC rules and regulations.

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. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The aircraft complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED Compliance Notice

CAN ICES-003 (A) / NMB-003(A)

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) L'appareil ne doit pas produire de brouillage; (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The aircraft complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 25cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux radiations CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 25 cm entre le radiateur et votre corps.

