DJI MATRICE 4 SERIES

Quick Start Guide
快速入门指南
快速入門指南
クイックスタートガイド
퀵 스타트 가이드
Kurzanleitung
Guía de inicio rápido
Guide de démarrage rapide
Guida di avvio rapido
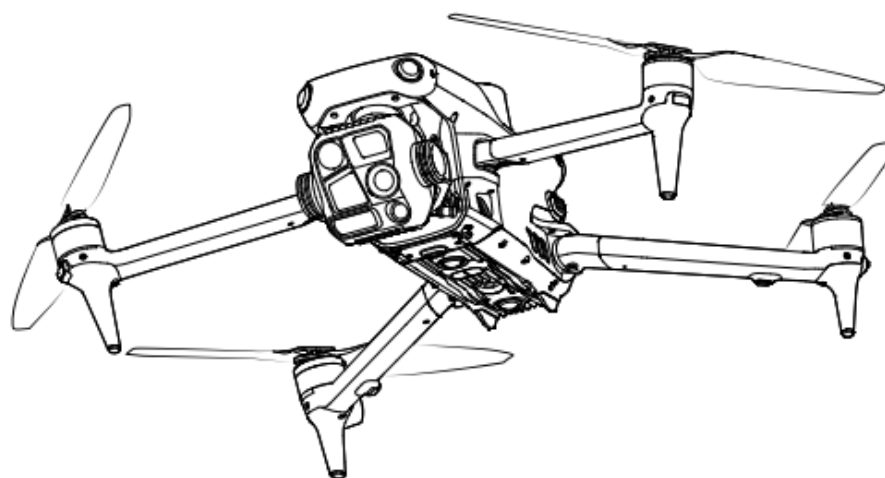Snelstartgids
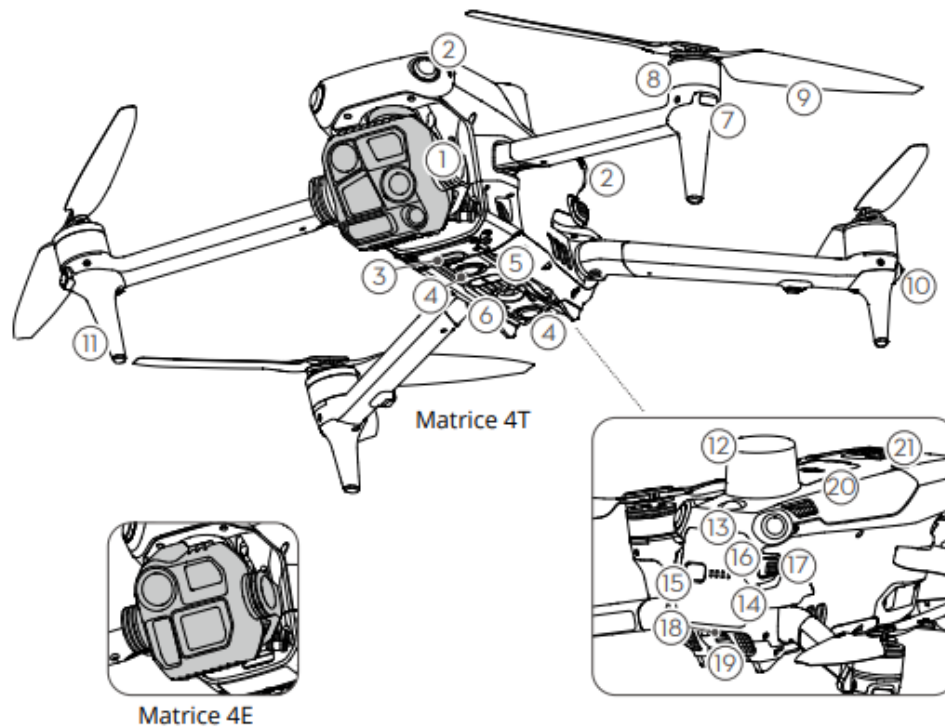Guia de início rápido
Guia de Início Rápido
Краткое руководство пользователя

v1.0

Aircraft

Matrice 4T

Matrice 4E

1. Gimbal and Camera [1]
2. Omnidirectional Vision System
3. Extention Port
4. Downward Vision System
5. Three-Dimensional Infrared Sensing System
6. Auxiliary Light
7. Front LEDs
8. Motors
9. Propellers
10. Aircraft Status Indicators
11. Landing Gears (built-in antennas)

12. GNSS Antenna
13. Beacon
14. Intelligent Flight Battery
15. Power Button
16. Battery Level LEDs
17. Battery Buckles
18. USB-C Assistant Port (E-Port Lite)
19. microSD Card Slot
20. Cellular Dongle Compartment
21. E-Port

[1] DJI MATRICE™ 4T and 4E are equipped with different cameras. Refer to the actual product purchased.

Remote Controller
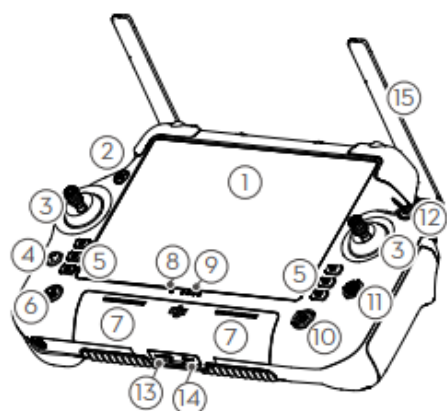
1. Touchscreen
2. Connection Status LED
3. Control Sticks
4. Back Button
5. L1/L2/L3/R1/R2/R3 Buttons
6. Return to Home (RTH) Button
7. Microphones
8. Status LED
9. Battery Level LEDs
10. Power Button
11. 5D Button
12. Flight Pause Button
13. microSD Card Slot
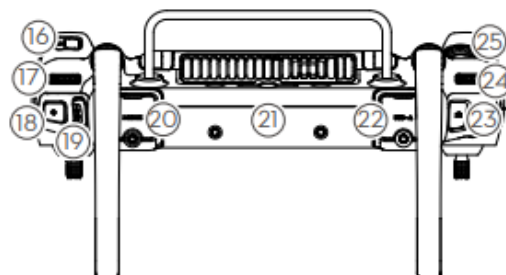
14. USB-C Port
15. External Antennas
16. Customizable C3 Button
17. Gimbal Dial
18. Record Button
19. Flight Mode Switch
20. HDMI Port
21. Internal Antennas
22. USB-A Port
23. Focus/Shutter Button
24. Camera Settings Dial
25. Scroll Wheel
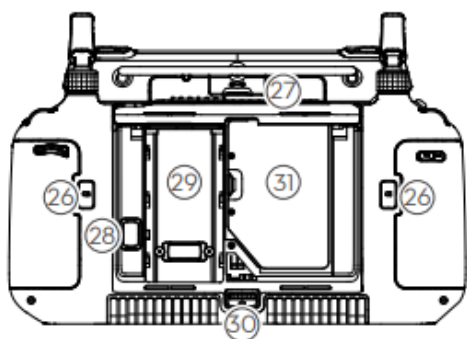
26. Customizable C1/C2 Buttons
27. Rear Cover
28. Battery Release Button
29. Battery Compartment
30. Rear Cover Release Button
31. Cellular Dongle Compartment
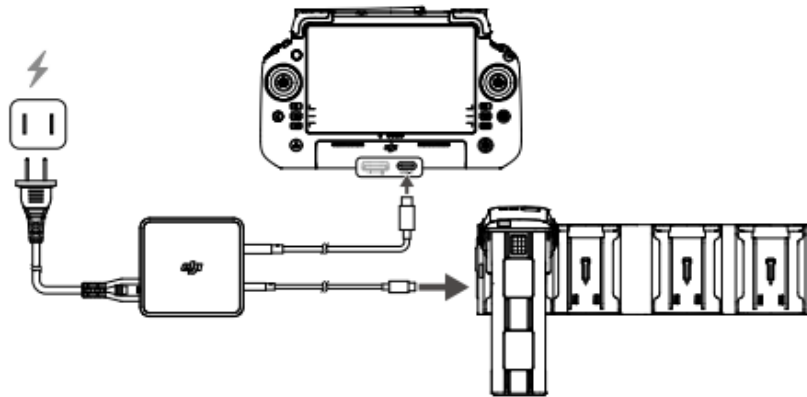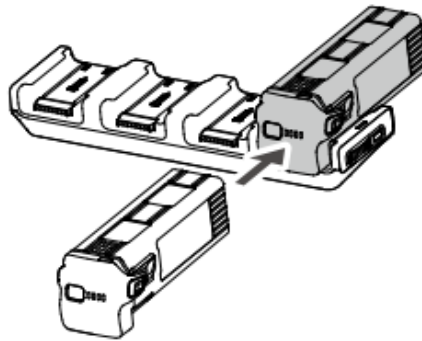
1. Watching the Tutorials

Scan the QR code or visit DJI official website to watch the tutorial videos.
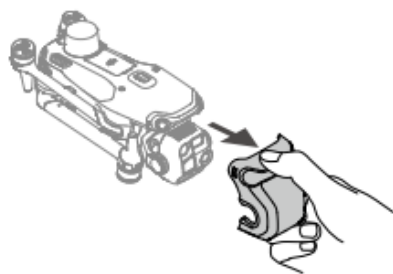

https://enterprise.dji.com/matrice-4-series/video

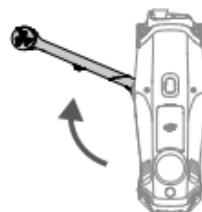## 2. Charging the Battery

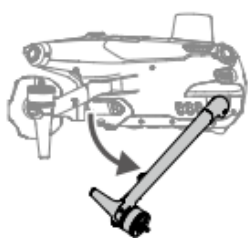⚠ • Charge the remote controller to activate the internal battery before using for the first time.
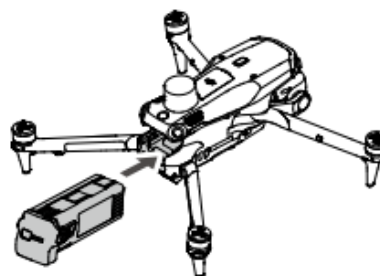
3. Preparing the Aircraft

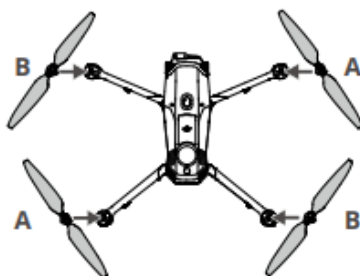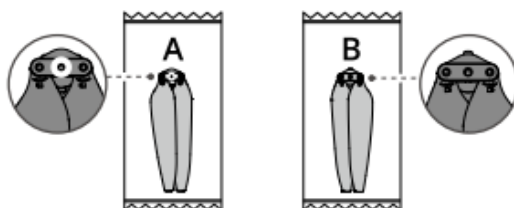Remove the gimbal protector from the camera
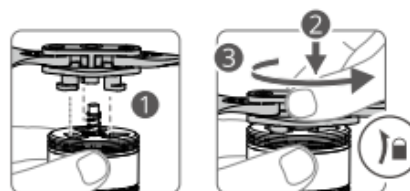
Unfold the front arms

Unfold the rear arms

Install the Intelligent Flight Battery

Match the propellers to motors

Press the propellers down and rotate until they click in place
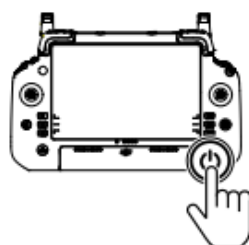
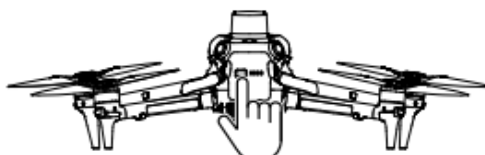## 4. Preparing the Remote Controller

Unfold the antennas

⚠ • DO NOT operate other wireless devices at the same frequency as the remote controller, to avoid signal interference.
• A warning prompt appears in DJI Pilot 2 if the transmission signal is weak. Adjust the antennas to make sure that the aircraft is within the optimal transmission range.

5. Getting Ready for Takeoff

Power on/off: Press, and then press and hold the power button.

DJI Pilot 2 App

| Power on the remote controller | Power on the aircraft | Launch DJI Pilot 2 |

Internet • A DJI account and internet connection are required to activate the aircraft and the remote controller. Before activating the aircraft in DJI Pilot 2, power on the remote controller and follow the prompts to activate.

6. Flight

• **Manual Takeoff/Landing**

Start/Stop Motors: Perform Combination Stick Command and hold for two seconds.
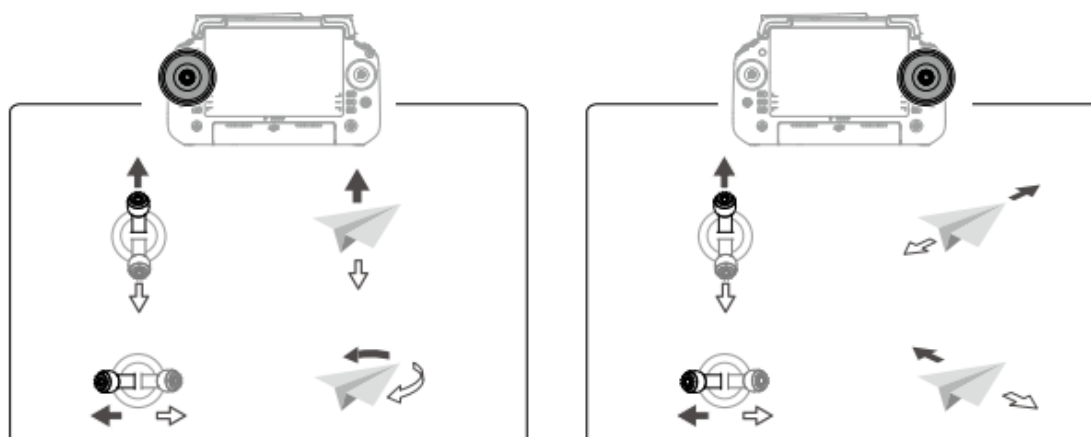
Takeoff:
Push the left control stick (mode 2) up to take off.

Landing:
Push the left control stick (mode 2) down until the aircraft lands. Hold for three seconds to stop the motors.

• **Control Stick Mode**

The default control stick mode is mode 2. The left control stick controls the altitude and heading of the aircraft, while the right control stick controls the forward, backward, and sideward movements.

⚠️ • Always set an appropriate RTH mode and RTH altitude before takeoff.
 • Press the Flight Pause button for emergency braking during flight.

Specifications

Aircraft

Model	M4T/M4E/M4T-BD/M4E-BD/JV31/JV32
Operating Temperature	-10° to 40° C (14° to 104° F)
Operating Frequency [1]	2.400-2.4835 GHz, 5.150-5.250 GHz, 5.725-5.850 GHz
Transmitter Power (EIRP)	2.4 GHz: <33 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.1 GHz: <23 dBm (FCC/CE) 5.8 GHz: <33 dBm (FCC), <14 dBm (CE), <30 dBm (SRRC)
Intelligent Flight Battery	
Capacity	6741 mAh
Standard Voltage	14.76 V
Battery Type	Li-ion 4S
Charging Temperature	5° to 40° C (41° to 104° F)

Remote Controller

Model	TKPL2
O4 Enterprise	
Operating Frequency [1]	2.400-2.4835 GHz, 5.150-5.250 GHz, 5.725-5.850 GHz
Transmitter Power (EIRP)	2.4 GHz: <33 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.1 GHz: <23 dBm (FCC/CE) 5.8 GHz: <33 dBm (FCC), <14 dBm (CE), <30 dBm (SRRC)
Wi-Fi	
Protocol	802.11 a/b/g/n/ac/ax
Operating Frequency [1]	2.400-2.4835 GHz, 5.150-5.250 GHz, 5.725-5.850 GHz
Transmitter Power (EIRP)	2.4 GHz: <26 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.1 GHz: <26 dBm (FCC), <23 dBm (CE/SRRC/MIC) 5.8 GHz: <26 dBm (FCC/SRRC), <14 dBm (CE)
Bluetooth	
Protocol	Bluetooth 5.2
Operating Frequency	2.400-2.4835 GHz
Transmitter Power (EIRP)	<10 dBm

[1] The supported operating frequency and the available frequency range may vary in different countries and regions. Refer to the local laws and regulations for more information.