

2. INSTALLING THE CONTROLLER

Difficulty Level: Easy

Completion Period: 1 course hour

Objectives

In this module, students will engage in hands-on learning to develop a thorough understanding of UAV control system installation. By the end of this module, students will possess the skills and knowledge required to proficiently install UAV control systems, ensuring safe and effective flight operations. The hands-on nature of the exercises will empower students to confidently handle UAV components and understand their interactions.

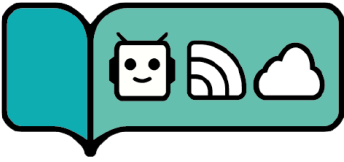
Achievements

The skills that our students will gain are:

- Understanding the fundamentals of UAV control system components and their functions.
- Identifying the required components and accessories for UAV control system installation.
- Assembling and connecting flight controllers, ESCs, motors, and other control components accurately.
- Following step-by-step procedures to ensure proper installation.

Required material

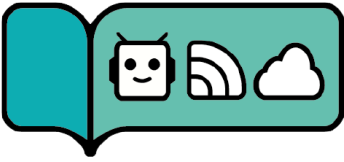
- Drone Mavic Pro
 - DJI Mavic Pro Remote Controller
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Implementation – Installing the controller

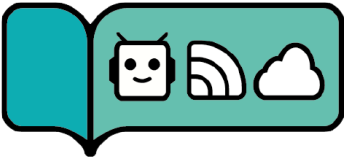
1. Remove the control sticks from the back of the remote controller.





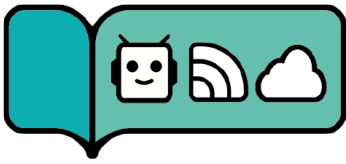
2. Install the control sticks.





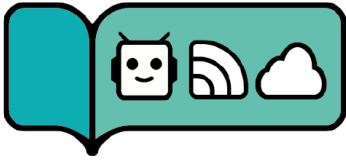
3. Tap and hold the remote controller's power button for approximately two seconds to power it on.



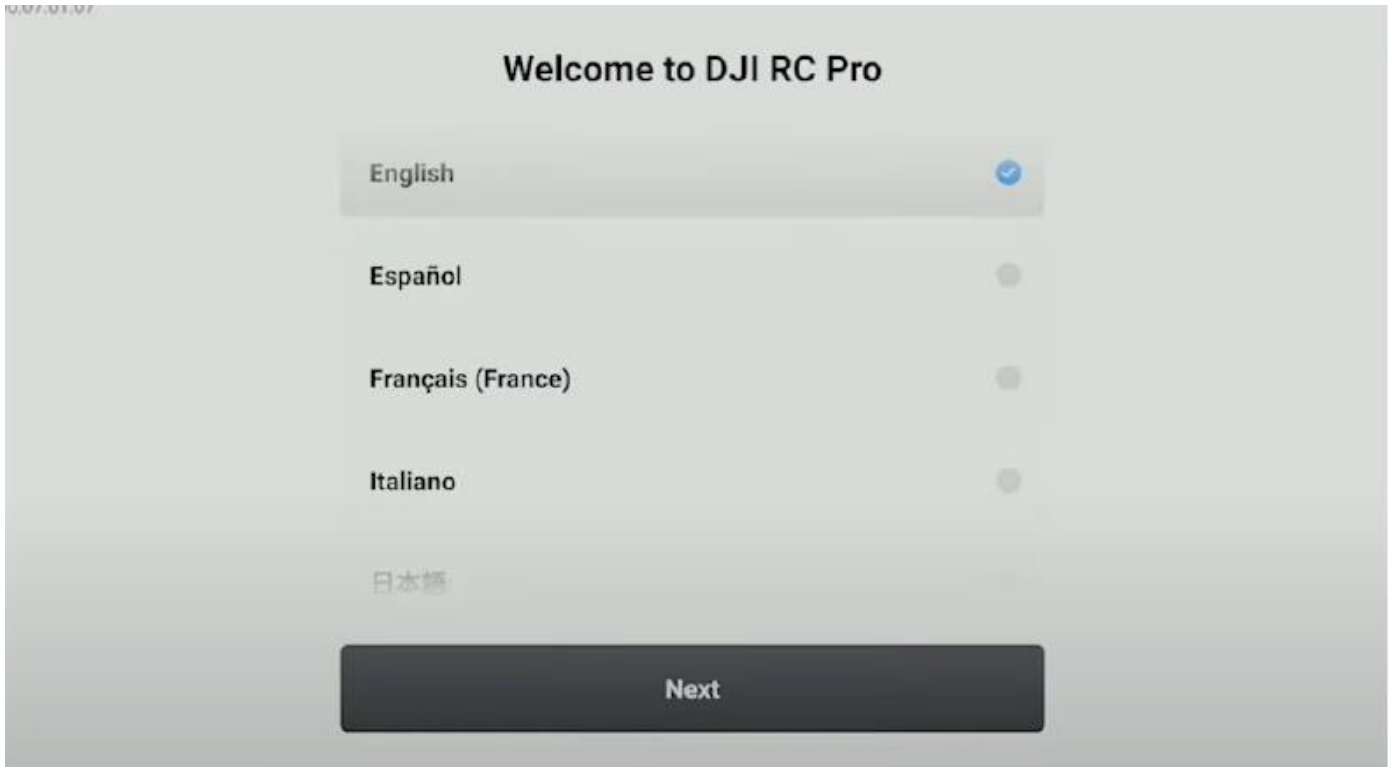


4. Tap and hold the remote controllers 's power button for approximately two seconds to power it on.

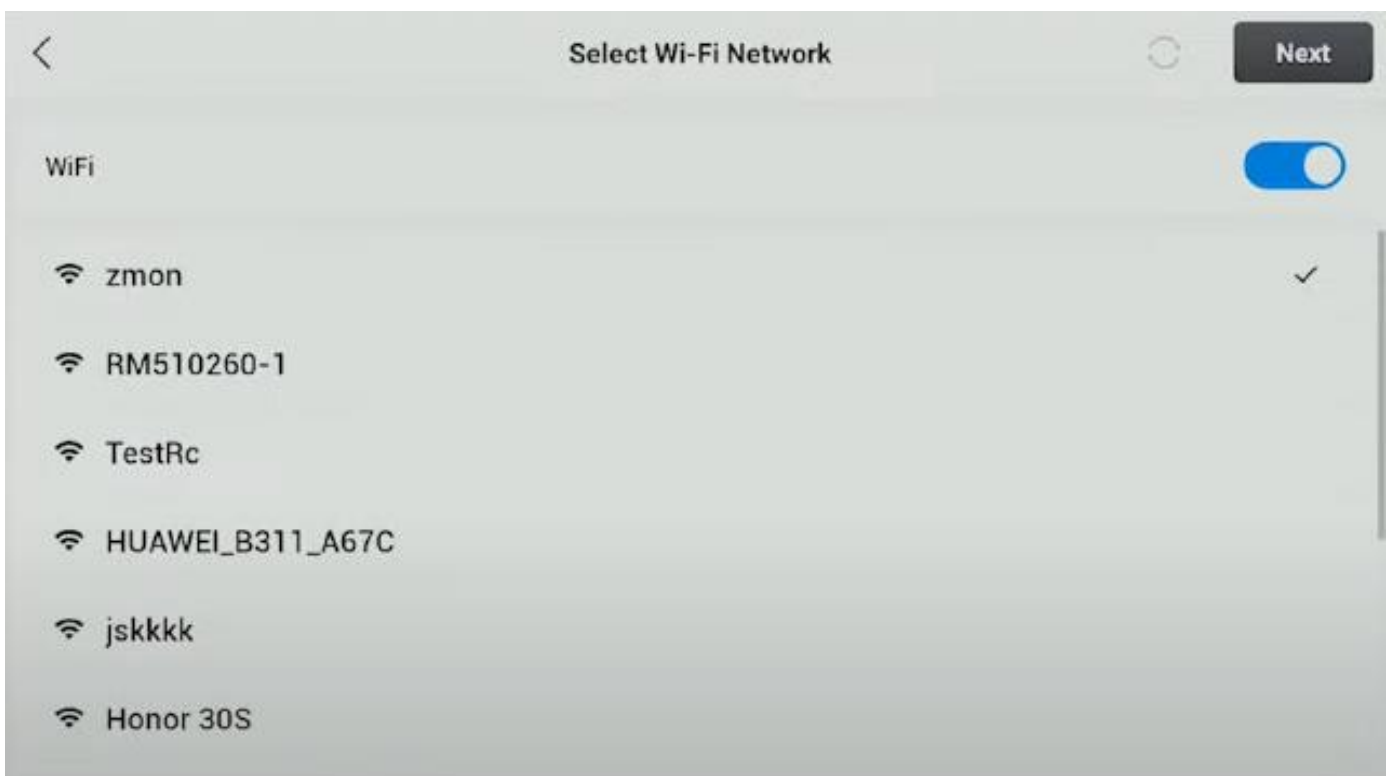


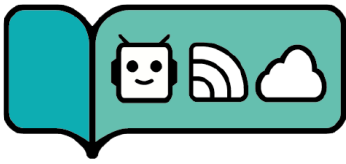


5. Follow the prompts to select your desired language.

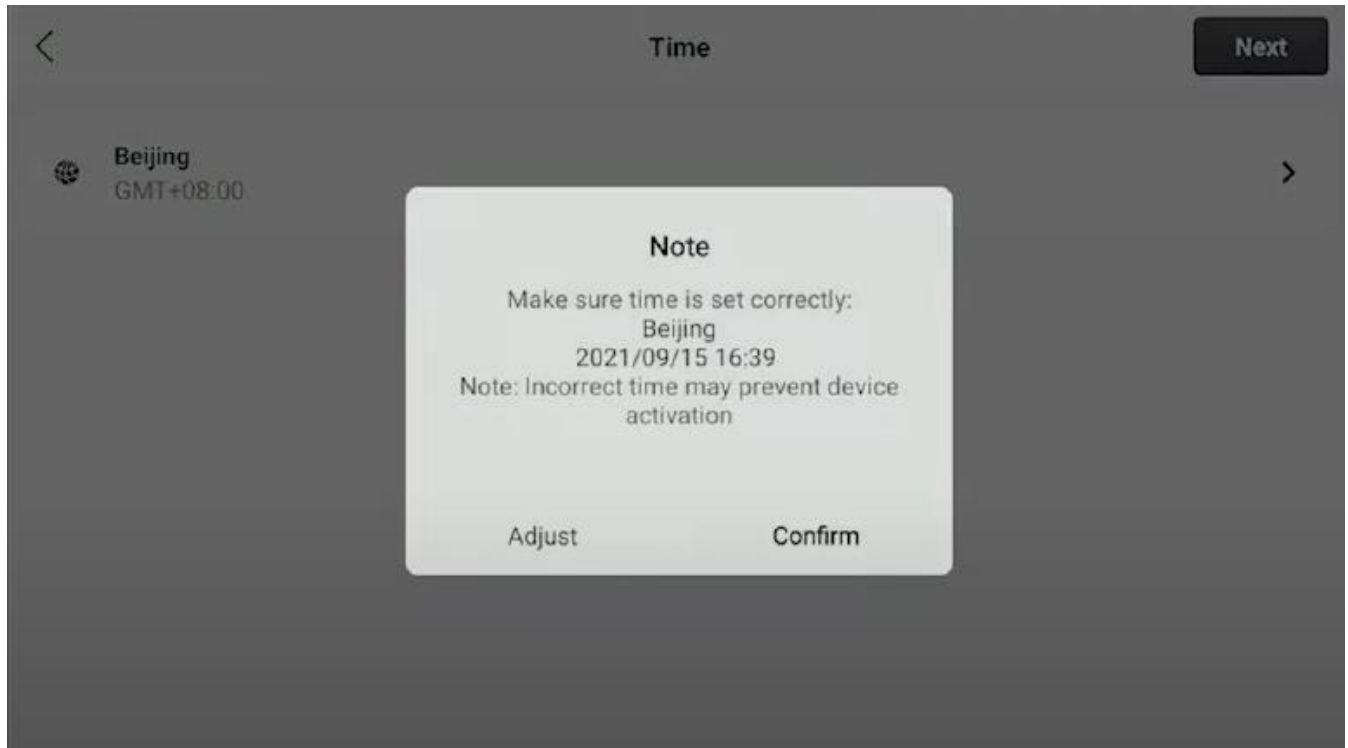


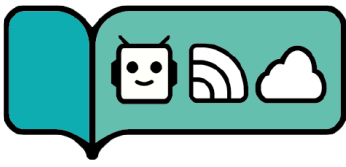
6. Set up countries and regions and follow the prompts to connect to the Wi-Fi network.





7. Set the date and time.





8. Log into your DJI account. If you have not registered for a DJI account, register and then log in.

A screenshot of the DJI mobile app's login screen. The screen has a light gray background. At the top left is a back arrow icon. At the top right is the text "Create Account". In the center, the text "Log In" is displayed in a large, bold, black font. Below this, there are two input fields. The first field contains the email address "rm@rm.com" and has a small "x" icon to its right. The second field contains a masked password "*****" and has a small eye icon to its right. Below the input fields is a large, dark gray button with the text "Log In" in white. At the bottom center, the text "Forgot Password" is displayed in a smaller, black font.