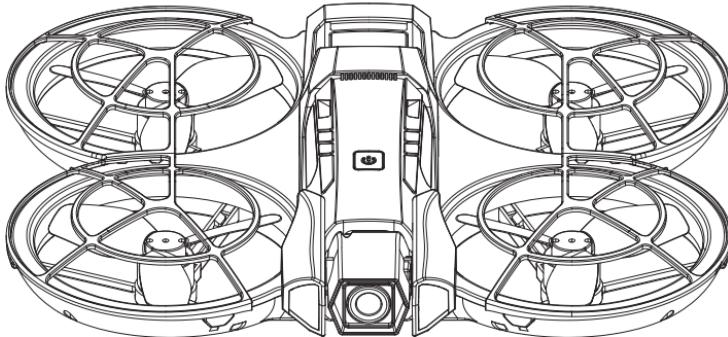


# DRONE

— REMOTE CONTROL QUADCOPTER —

## A21 PRO



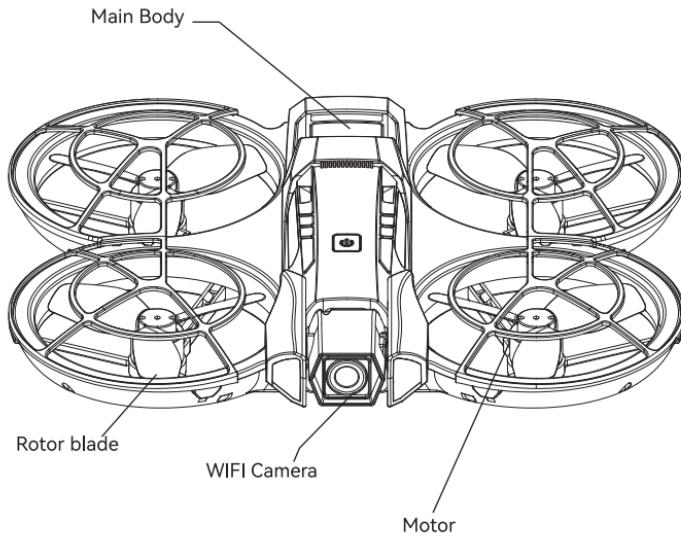
### IMPORTANT REMINDER

- Limited to charging with the original factory equipped charger (USB).
- Personnel must not leave while charging.
- The battery should be stored in a cool and shaded place to avoid direct sunlight. The factory default battery should be fully charged before flying.

### SAFETY PRECAUTION:

1. To ensure the requirements of the electromagnetic environment of the aeronautical radio station(station): It is forbidden to use various model remote controllers in the area centered on the airport runway center point and with a radius of 5000M. During the period when the relevant national authorities issue radio control orders, the regional area shall stop using the model remote control as required. Choose a warm, windless weather flight, do not fly in inclement weather such as overheating, cold, strong winds, heavy rain, etc. Choose indoor or outdoor open spaces and keep a safe distance from people, pets, empty wires and other obstacles. , confirm that no other uses the same frequency; can not let the aircraft leave the line of sight;
2. After the aircraft is started, please do not touch the high-speed rotating part of the aircraft to keep a distance from the high-speed rotating propeller to avoid the risk of twisting. (including gears, rotors, etc.).
3. After the aircraft is in use and used, the battery and the motor will generate high temperature. Do not touch it to avoid the risk of burns.4. Do not look directly at the light beam of the LED to avoid affecting the eyes.

Tips: It is recommended that beginners practice flying for about 3 days at low altitudes, familiar with flying and then fly to high altitude.



### LEAF CHANGE

1. The leaf to be replaced must be replaced with the relative position on the machine. The blades A need to be installed in the position of A, the wind blade B must be installed in the position of B, such as the replacement of the wind blade error will not be able to control.
2. When the flight leaves a clockwise rotation, the fan B to counterclockwise rotation.

#### 1. Important note

This product is not a toy. The damage caused by the wrong use. Please use the instructions before using this product. Do not disassemble this product yourself. Otherwise, the manufacturer is not responsible for any damage.

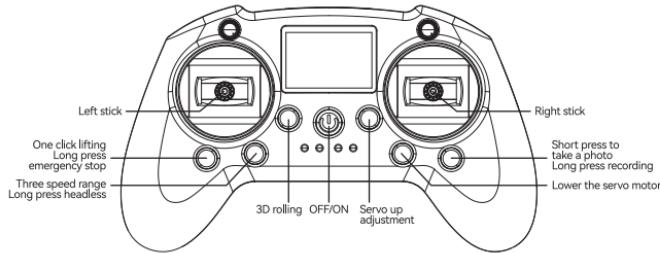
#### 2. Safety instructions

**Warning:** Fly in a safe area or away from others. Do not operate the aircraft above the dense crowd. When the remote control aircraft flies, due to operational errors or wireless interference during the pilot's operation, it is easy to cause accidents and malfunctions, which may cause damage or injury to the crowd.

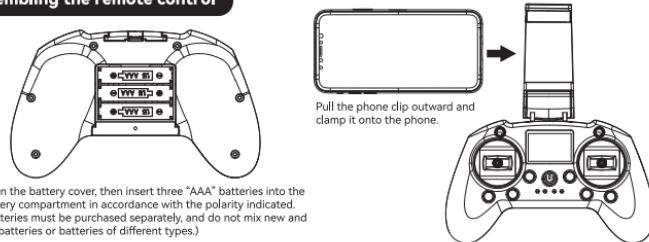
**Prohibited:** Keep away from obstacles when flying indoors and outdoors. This product is suitable for indoor and outdoor flights (wind level no more than 4), please choose one, no obstacles, crowds and pets. Where passers-by, for example, heat sources, heat sources, wires, or electronic power sources are not subject to collision landings, entanglements, fires, electric shocks, and damage to life and property.

**Warning:** Please have a flight experienced pilot to help the product mainly for 14 years old and above. It is difficult to start earning, it is recommended to have a pilot with experienced pilots.

## Introduction of transmitter



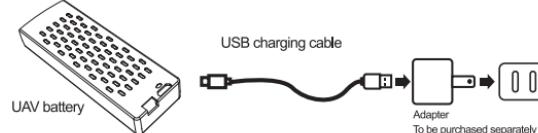
### Assembling the remote control



### Charge the aircraft battery

Remove the USB charging cable, connect the battery interface to the charging head at the USB end. When charging, the battery light will turn on and the fully charged light will turn off,

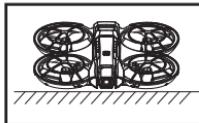
**REMINDER:** ● Please insert the plug in the correct way. ● It is recommended to use 5V 1-2A adapter for charging.



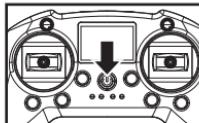
#### MATTERS NEEDING ATTENTION

- When charging the rechargeable battery, do not use it alone for children. It must be supervised by adults. Keep away from inflammables when charging. Please do not leave the aircraft model outside the monitoring range when charging.
- Please do not short-circuit or squeeze the battery to avoid explosion.
- The power terminal shall not be taken out of the model, and the terminal shall not be short-circuited; Do not short-circuit, disassemble or put the battery into fire; Do not put the battery in a high temperature and heating place (such as in the fire or near the electric heating device).
- Only the recommended charger can be used for the model. Regularly check whether the wire, plug, housing and other parts of the charger are damaged. If any damage is found, stop using it until it is repaired.
- The charger is not a toy. The charger can only be used indoors.
- The battery after flight needs to be charged and then stored. If it is not used, it is recommended to charge the battery at least once every 3 months. The aircraft model must be disconnected from the power source when it is not in use.

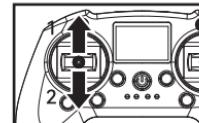
**Prepare to fly:** Make sure the propeller is installed correctly and tightened



1. Turn on the power of the fuselage and place the aircraft on a level surface.



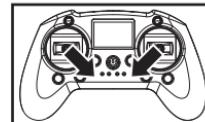
2. Turn on the remote control power



3. The rocker is pushed up and then pushed down to perform the frequency

Note: After the power is turned on, the lights on the UAV body are on, and the four lights on the battery are not on)

### Takeoff method 1:



1. Place the aircraft on a horizontal surface. When the two joysticks are operated as shown in the figure for 2-3 seconds, the indicator light of the aircraft will turn on quickly and become fast flashing. After 2-3 seconds, it will become steady light, indicating that the calibration is successful.



2. The two joysticks are simultaneously unlocked as shown in Figure 2-3

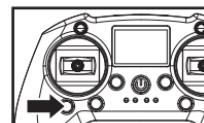


3. Slowly push the throttle stick aircraft take off.

### Takeoff method 2:



1. Place the aircraft on a horizontal surface. When the two joysticks are operated as shown in the figure for 2-3 seconds, the indicator light of the aircraft will turn on quickly and become fast flashing. After 2-3 seconds, it will become steady light, indicating that the calibration is successful.



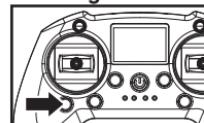
2. Press the one-off takeoff/landing button to take off the aircraft with one button

### Landing method 1



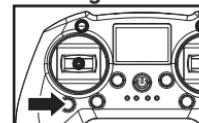
Slowly pull the throttle stick down until the aircraft landed, keep the throttle stick at the lowest position for 2 seconds, the motor stops, and the aircraft landed successfully

### Landing method 2



Press the one-off takeoff/landing button to slowly land the aircraft

### Landing method 3



When the aircraft encounters an obstacle or an emergency, press the emergency stop button and the aircraft can make an emergency landing

(Note: Do not enable this function at will under normal flight conditions, which may cause the UAV to fall directly)

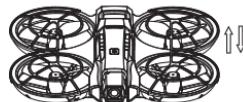
## Method of operation

1	Rise and fall	When the left joystick (throttle) is pushed up or down, the aircraft rises or falls accordingly.	 
2	Turn	When the left joystick (throttle) is pushed to the left or right, the aircraft will turn left or right.	 
3	Forward backward	When the right joystick (direction) is pushed up or down, the aircraft advances or retreats accordingly.	 
4	Fly left and right	When the right joystick (direction) is pushed to the left or right, the corresponding left side of the aircraft flies or retreats to the right side.	 
5	Headless mode	When you press and hold the headless mode button to make a "drop" sound, you can enter the headless mode and press and hold for 2 seconds to hear the "drip" long sound to exit the headless mode. In headless mode, the lights of the aircraft are slow flashing. In the headless mode, the operator does not need to identify the position of the aircraft nose, just control the aircraft according to the direction of the joystick of the remote control.	 
6	Rest	When the aircraft is under control or the deflection is severe, the aircraft can be shut down and restarted, and the aircraft is placed on the horizontal surface. The two rockers are operated as shown in the figure for 2-3 seconds, and the aircraft indicator constant becomes fast flashing. 3 seconds is always on, indicating that the recalibration is successful.	 

## Flight practice

### 1. Flight practice operations:

Slowly push the throttle stick until the quadcopter takes off from the ground, hovering in the air, and then pull the accelerator until the aircraft slowly descends. Repeat the practice until you can smoothly control the accelerator.



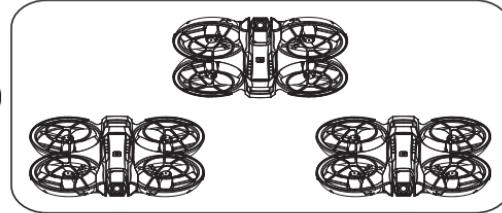
### 2. When the aircraft is hovering in the air slowly push the right joystick to make the quadrocopter forward/reverse or left/right.



### 3. When the aircraft is hovering in the air, slowly push the left joystick. Turn the aircraft to the left or right.



### 3D action operation



1. When the basic action of the current face is proficient, you can play some thrilling scrolling. Press the 3D scroll button in the upper right corner of the remote control to make a "drop" sound. At this time, enter the 3D roll state. The joystick is pushed up and down and left and right to complete the 3D roll in the corresponding direction.
2. Note: When the aircraft has more hanging pieces, place the aircraft on the ground and move the two rockers of the remote control to the lower right corner and the lower left corner for 4 seconds. At this time, the indicator of the aircraft main engine flashes and releases, Joystick, the main board flashes for 2 seconds, then stops flashing, and the calibration is completed.

Reminder:

1. Before the aircraft takes off, be sure to place the aircraft on a level surface to ensure that the aircraft will fly smoothly after take-off.
2. Flying indoors: Please select nearby obstacles, pets and people's spacious flight
3. Flying outdoors: Please choose a warm and sunny weather with no wind or breeze

Note:

1. Do not fly in extreme weather conditions. Flying in overheated or cold weather can affect flight performance or damage the model.
2. Do not fly in strong winds. Strong winds may limit flight or hinder flight control. Flying in strong winds may cause the aircraft to be unknown or damaged.

### Precautions

1. When the power source (aircraft or transmitter) is insufficient, the remote control distance will be shortened.
2. When the aircraft is powered, it is not easy to fly or fly.
3. When the aircraft is damaged, please repair and stop using it in time, otherwise it may cause personal injury.
4. If you are not using the transmitter at any time, please remove the battery to avoid battery leakage
5. Do not drop the transmitter from high altitude or severely damage it, otherwise it will shorten the service life of the transmitter.

## FCC Statement

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.

Note: This equipment has been tested and found to comply with the limits for a Class B 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 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.

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

## FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The device can be used in portable exposure condition without restriction.