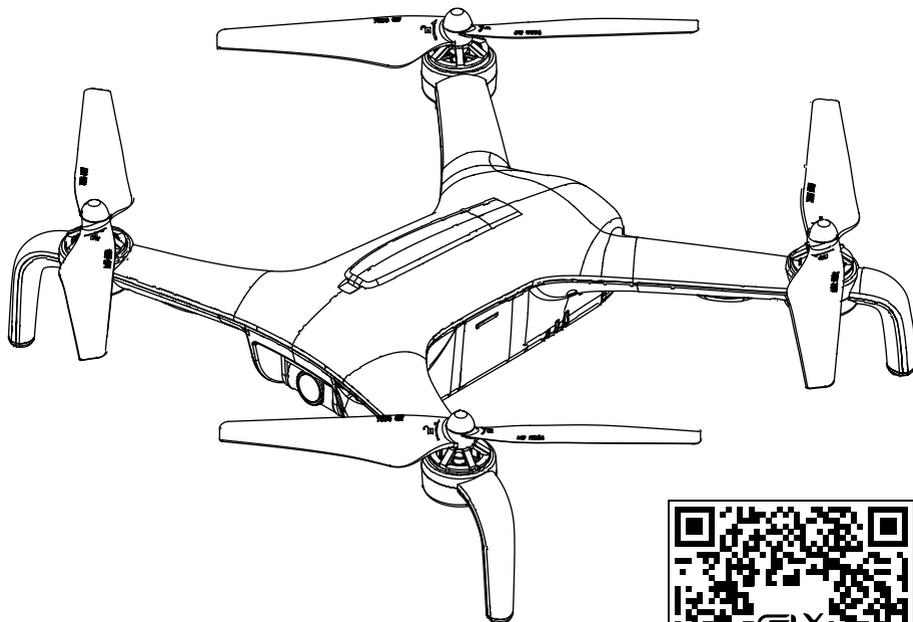


DF805B Quick Start Guide V1.0



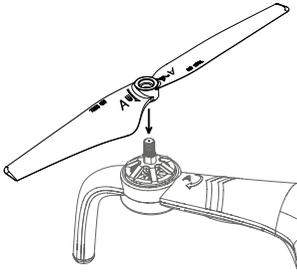
Download APP

Important

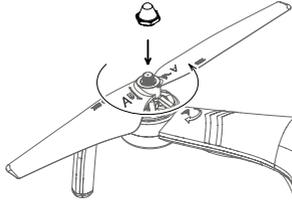
- *For your safety and to avoid loss of property, please read this manual carefully.*
- *Please do not try to disassemble, modify, repair the aircraft, if necessary, please contact agent.*
- *This manual is concise, for more detailed. Please go to the "Help" in the upper right corner of the APP main interface to download the electronic documents.*
- *This instruction is updated without prior notice.*

1. Installation of propeller

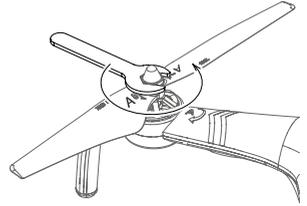
1). Install Propeller on A arm



(1)The propellers with "A" are placed on the motor of the A arm (motor with concave points on the shaft end).

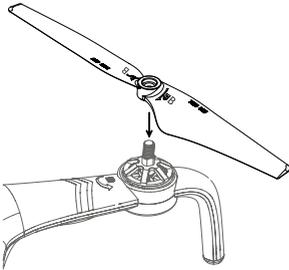


(2)Screw the white fixing nut of the propeller into the motor shaft, and rotate the nut counterclockwise.

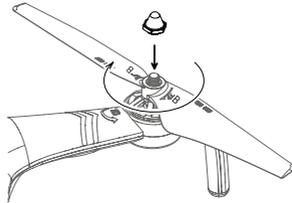


(3)Screw the white fixing nut of the propeller with open spanner counterclockwise.

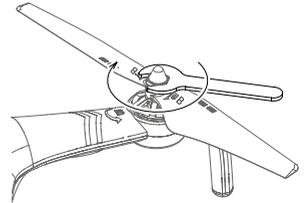
2). Install Propeller on B arm



(1)The propellers with "B" are placed on the motor of the A arm (motor with concave points on the shaft end).



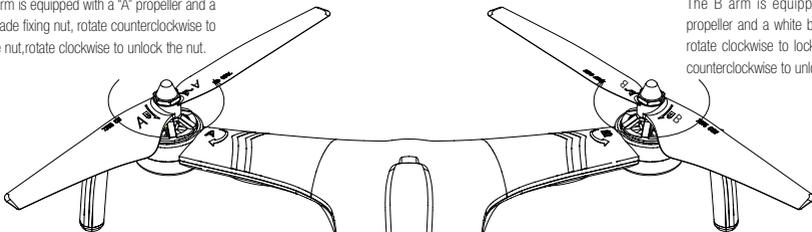
(2)Screw the black fixing nut of the propeller into the motor shaft, and rotate the nut counterclockwise.



(3)Screw the black fixing nut of the propeller with open spanner counterclockwise.

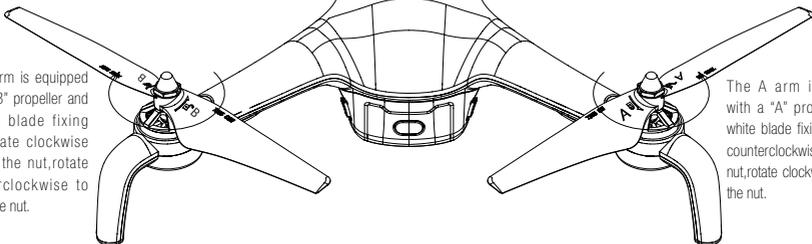
3). The correct installation of the propeller is shown below

The A arm is equipped with a "A" propeller and a white blade fixing nut, rotate counterclockwise to lock the nut, rotate clockwise to unlock the nut.



The B arm is equipped with a "B" propeller and a white blade fixing nut, rotate clockwise to lock the nut, rotate counterclockwise to unlock the nut.

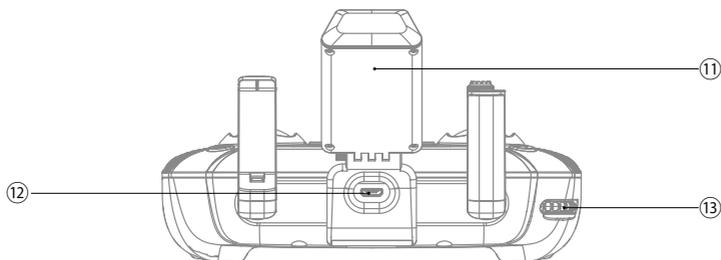
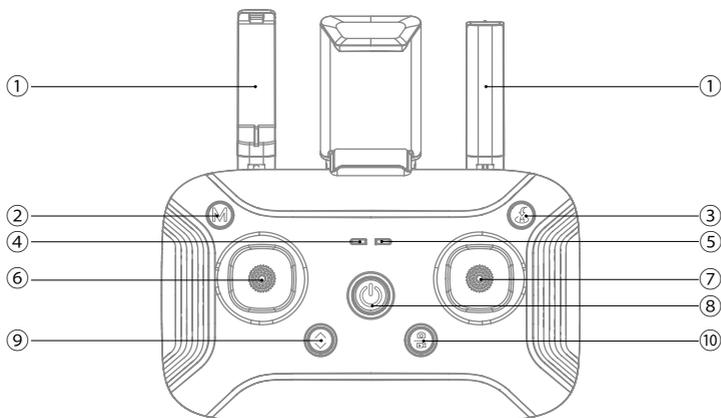
The B arm is equipped with a "B" propeller and a white blade fixing nut, rotate clockwise to lock the nut, rotate counterclockwise to unlock the nut.



The A arm is equipped with a "A" propeller and a white blade fixing nut, rotate counterclockwise to lock the nut, rotate clockwise to unlock the nut.

2. Remote control

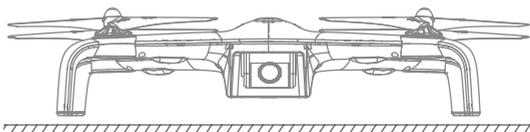
1). RC Button Description



- | | | | |
|-------------------------|----------------------|------------------------|-------------------|
| ① Antenna | ② Flight mode switch | ③ One key return | ④ Mode indicator |
| ⑤ Status indicator | ⑥ Left joystick | ⑦ Right joystick | ⑧ Power |
| ⑨ One key take off/land | ⑩ Picture/video | ⑪ Mobile phone bracket | ⑫ USB charge port |
| ⑬ Gimbal Adjustment | | | |

2). Power on

(1). Put the aircraft on a flat surface

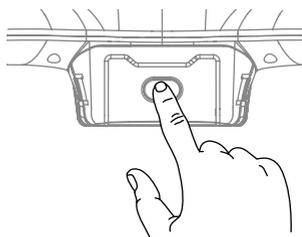


(2). Power on the aircraft

Long-Press power button 2s.

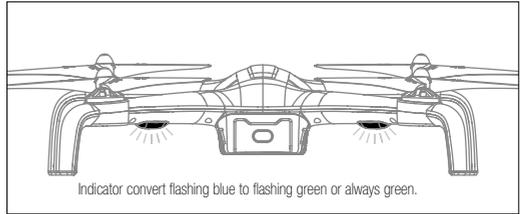
(3). Power on RC

Long press power button 2seconds to turn on the RC.

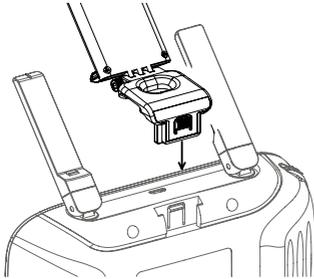


(4). Self-inspection and frequency match

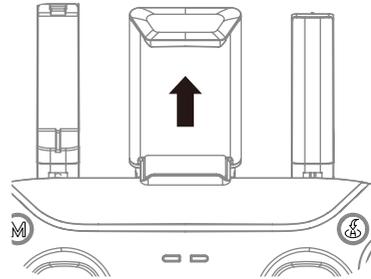
After power on the aircraft, ensure that the level of the aircraft is positioned more than 30 seconds to make the aircraft complete self-inspection, when indicator convert flashing blue to flashing green or always green, which means frequency match complete.



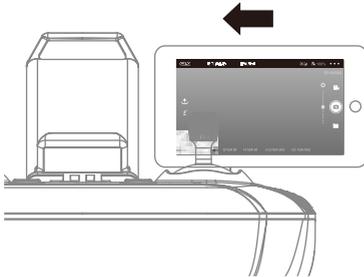
3). Put the mobile device on mobile device support



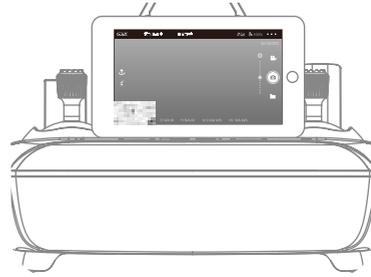
(1) Install the mobile phone bracket in the slot of the back of the remote controller as shown.



(2) Pull up the mobile device support.



(3) Put the mobile device on mobile device support.



(4) Adjust the mobile device support and mobile phone to the right angle.

4). Connect APP

(1). State of GPS signal state after connecting APP with aircraft

When the APP is connected to the aircraft, the aircraft status indicator is green, it indicates that the GPS signal is good and the positioning is successful. Transfer the flight mode on the remote control to the GPS mode, the aircraft can take off safely.

The indicator of aircraft shows green flashing, which means GPS signal is weak or no signal at all, changed flight mode to A mode on RC, the aircraft can take off (The difficulty of this operation is high, highly not recommend for beginners).

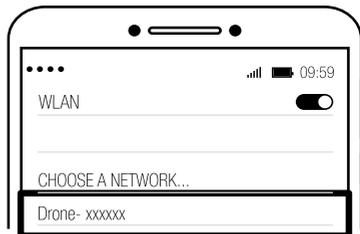
Note: It is highly recommended to fly under good GPS signal (Green light always on)!

Please choose widely flight environment, Tall steel buildings and metal material will interfere with the compass and GPS equipment on the aircraft.

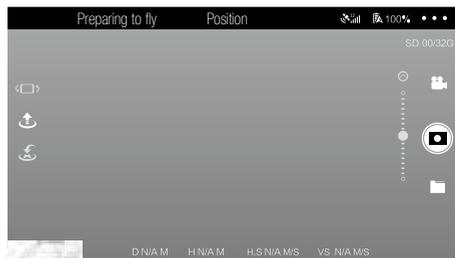
(2). Connect APP

Open your mobile phone, navigate to settings and then the WLAN: When flying with the APP, click the network of "Drone-xxxxx (serial number)" to connect the drone to the APP. In this situation, the drone has a relatively shorter range.

When flying with the controller, click the network of "Controller-xxxxxx (serial number)" to connect the drone to the remote controller. In this situation, the drone has a relatively longer range.



Open the APP to enter the interface as shown in the left picture. Click "Start Flying" to enter the operation interface as below.



Note: The mobile phone need to support 5G Hz WiFi.

Using APP in flight can monitor the picture and the current situation of the aircraft in real time.

When aircraft controlled by RC while connect APP, the priority control is RC, Some functions on the APP can not be used (photo, camera, follow me, waypoint function will not be affected), aircraft can control by APP without RC, for specific operation, please refer to the part of "use APP to control flight".

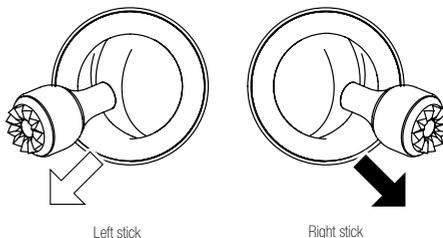
5). Operate the aircraft

(1). Take off

○ Method 1: take off manually

When aircraft is on standby state, please initiate aircraft as below:

Dial left and right joystick outward as pictures show at same time, and keep up more than 3 seconds, the propeller begins to rotate.



Slowly upward throttle joystick, aircraft will take off.

○ Method 2: one key take off

Long press "Take off / Land" button 2-3 seconds, There is "B-B-B" sound, meanwhile, the aircraft will automatically take off to about 1.2m hover.

(2). Land

Before landing, pay attention to the landing site, stay away from the crowd and obstacles, choose a relatively flat ground as the landing site.

○ Method 1: land manually

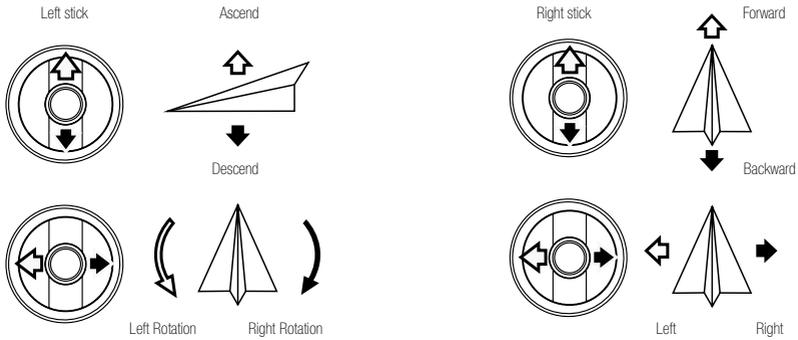
Slowly downward throttle joystick, aircraft will slowly land, when aircraft hit the ground, keep downward the throttle joystick until the propeller stops.

Method 2:one key land

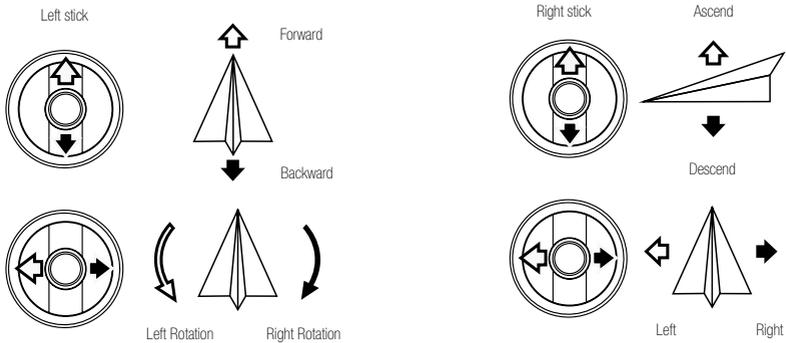
Long press "Take off / Land" button 2-3 seconds, there is "B-B-B" sound meanwhile, the aircraft will automatically vertical landing until propeller stops.

(3). Remote controller instruction

Mode 2



Mode 1



(4). Switch mode 2 to mode 1

switch to mode 2

Lower left joystick to bottom, meanwhile, press "One key take off/land" button still, turn on the RC.

switch to mode 1

Lower right joystick to bottom, meanwhile, press "Picture/video" button still, turn on the RC.

6). Photo and video

During the flight, you can use the Photo / Video button to take photos of the current scenery.

Short press Photo / Video button, there is one beep sound, which means take picture successfully.

Long press Photo / Video button, there is B..B sound, which means recording video starts successfully, meanwhile,  icon on APP is converted to red, Long press Photo / Video button again, there is B..B sound, which means record video stops successfully, meanwhile,  icon on APP is converted to white.



Aerial photography tips

- (1). **Check carefully whether the components of aircraft are normal before each flight.**
- (2). **Try to take pictures or record videos when aircraft under GPS mode.**
- (3). **Choose a sunny,breeze day to shoot.**
- (4). **Try to push the joystick lightly to make aircraft fly smoothly during flight.**

Note: In order to avoid possible damage and loss,please ensure that the camera is not shielded,high temperature may cause damage to the camera and even cause injury.

7). Flight mode

(1). GPS mode

How to enter GPS mode

- a, Default flight mode is GPS mode;
- b, When aircraft search enough GPS signals,long press mode switch button on RC,it will switch to GPS mode. When aircraft doesn't search enough GPS signals,long press mode switch button on RC,it will not switch to GPS mode.

Indicators on aircraft and RC when aircraft under GPS mode

The left indicator of RC is green always on.

Attentions when aircraft under GPS mode

Aircraft will hover at almost same spot under GPS mode.

(2). Altitude mode

How to enter Altitude mode

When aircraft under GPS mode,long press mode switch button on RC, it will switch to Altitude mode.

Indicators on aircraft and RC when aircraft under Altitude mode

the indicator of RC is red always on.

Attentions when aircraft under Altitude mode

when aircraft under Altitude mode,it has a relatively flexible manipulation experience,However, due to environmental factors, such as airflow, etc., aircraft is easy to drift, and it is not easy to get a better hovering attitude,which is not recommend for beginners.

During flight,if the optical flow positioning condition is not satisfied (the front arm lights flashing), the positioning hover will be invalid, the motion dependence of the aircraft will occur manual control. Please fully grasp the control of GPS mode, then use the altitude mode.

Note: In order to ensure precise return location,please fly with good GPS signal,also at open field(no large buildings in 50 meters,and the square circle is 10 meters flat),RTH will work perfectly.

8). RTH

If necessary, in the process of flight can initiate one key return function, All the joysticks will not be controlled during the course of the return, During the descending process, the joystick can be manipulated to control the aircraft and change the landing position, if press the one key return button again during return course, aircraft will stop return course, Users will regain control of aircraft.



Note: Only when GPS has been positioned (rear arm green light is always on) to take off, no shelter Near the take-off area, the accuracy of return position can be ensured. When aircraft under GPS mode, it will automatically initiate the RTH as follows:

the aircraft lost contact with the RC

Initiate RTH mode, if the current flight height is less than 30 meters, aircraft will automatically rise to 30 meters to return, if the current flight height is more than 30 meters, aircraft will be returned directly, inability to manipulate the aircraft during RTH mode, please ensure that there is no obstacle in the return route in case of accidents.

When the aircraft lands, please turn off the aircraft and the remote control power after the propeller stops rotating.

Caution: Please stay away from aircraft until propellers stop rotating completely.

9). Remove the battery and store it separately

- (1). When finishing flight, please remove both batteries from the aircraft and remote controller and store separately.
- (2). Keep batteries out of the reach of children and pets, DO NOT leave the battery near heat sources such as a furnace or heater. DO NOT leave the batteries inside of a vehicle on hot days. The ideal storage temperature is 22 C -28 C .
- (3). When a battery is found to be damaged, Strictly follow your local regulations regarding the disposal and recycling of batteries.

10). Pair aircraft and RC

factory default settings is that remote controller and aircraft already paired. please use it as soon as aircraft turn it on. But if remote controller has been replaced or other reasons that will cause the aircraft and the remote controller not match, please complete the match as follows.

- (1). Press photo/video button on RC, then long press RC power button more than 2 seconds, the indicator of RC will start flashing, there is B.B.B sound, which means RC is ready to re-pair.
- (2). Long press aircraft power button 2 seconds, turn on the aircraft.
- (3). Then rapidly and continuously press 4 times power button on aircraft, indicator of aircraft will convert to blue double flashing, which means aircraft is ready to re-paired.
- (4). When indicator of RC stop flashing, with B.B.B sound, which means aircraft and RC has been repaired.