Upair Fairy

Instruction Manual

V1.5

Quick Start Guide

1. Download UPair

01

Search Upair App on the App Store or Google Play and download the app to your mobile device. UPair One App supports only Mobile devices. Tablet are not supported.

How to connect to UPair APP

1.Turn on the remote controller and the aircraft, wait 30 seconds.

2.For iPhone:
Open Wifi and choose UPair XXX. Password: 12341234

3.For Android phone: Connect your android phone and RC via USB data cable, then choose MTP, select Setting--NETWORK--More--open the USB tethering (Note:For different Android mobile phone models,selections may varies)

Upair app support IOS8.0 and Android 4.4 or above system.

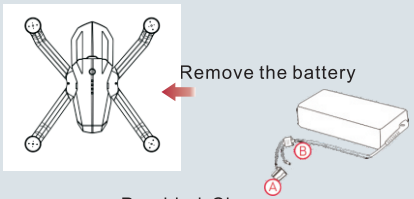
2.Check Battery Levels

02

Press Once to check the battery level.
Press twice (short press and then long press)to turn on/off

3. Charging the Batteries

03



Provided Charger
Charge Time:~1.5 hours

4.Preparing the Remote Control

04

Place your mobile device into the clamp and adjust it so that the mobile device is held securely in place

5.Prepare for Takeoff

05

Search and connect UPair WiFi hotspot.

★30seconds after power on the drone, search and connect UPair WiFi hotspot, then enter APP.

★Android cell phones support USB wire connect or WiFi connect, iPhone only support WiFi.

6.Installing the Propellers

06

1.Match the black-nut propeller with the motor with a hole in the center, then tighten the propeller by screwing it down counter clock-wise.
2.Match the grey-nut propeller with the motor without a hole in the center, then tighten the propeller by screwing it down clock-wise.

Motor with a hole

Motor without a hole

Propeller Assemble Improperly

Propeller Assemble Properly

7.Manual Take off

07

Display on APP

[1]H:Altitude "0?

[2]D:Home distance "0"

[3]GPS signal should be over 9 satellites

[4]H.S:Horizontal velocity "0"m/s

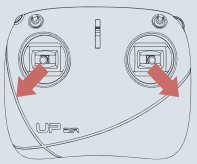
[5]V.S:Vertical velocity "0"m/s

[6]V.C: Controller voltage "12.6V"

* It can take off when it achieves the above conditions (espicially the Altitude is "0?, and the satellite is over "9?). Otherwise the aircraft cannot use position hold or auto-return function. (GPS signals can not be searched in-door)

After self-calibration, you can pull both control sticks to the bottom inside comers to start the motors. Release the sticks once the motors are unlocked.

When the aircraft is unlocked, please firstly display the self-examining process of flying altitude. Then you can combine stick command to unlock the motors. Let the throttle raise slowly.



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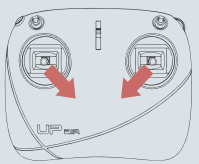
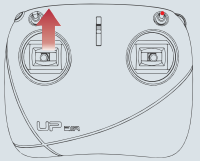


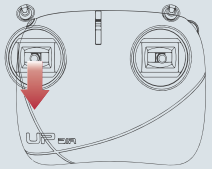
Beginners Mode



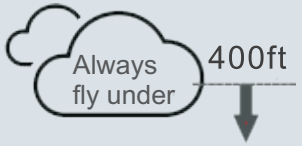
Combination Stick Command to start/stop the motors

Left stick up(slowly) to take off

07



Manual Landing
Left stick down (slowly) until you touch the ground.
Hold a few seconds to stop the motors.



DO MONITOR YOUR ALTITUDE
and fly under 400feet (120 meters).

DO MAINTAIN LINE OF SIGHT
and avoid flying behind buildings or obstacles that block your view.

It's important to understand basic flight guidelines,for the safety of both you and those around you.

6.Flight

08

The aircraft will take off and hover at an altitude of 10 feet(3meters).

Auto takeoff

Safe to Fly (GPS)

Befor taftaking off,ensure the Aircraft Status Bar in the Upair One App indicates Safe to Fly(GPS).
Follow me mode: Enter follow me mode, the aircraft will hover center point ,with a radius of 10M. The default height of follow me mode is 15M, the camera will keep facing to you.

Return to Home
Click to bring the aircraft back to the home

Planning Flight Route
Click to plan the flight route,then the aircraft will fly as the planned route.

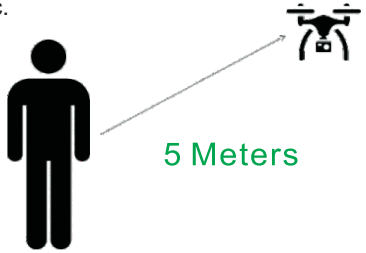
CAUTIONS BEFORE/DURING A FLIGHT

- Before each flight,please make sure the remote controller and intelligent battery have sufficient power,and check if the propellers,the intelligent battery ,the camera and the Micro-SD card have been securely and correctly installed.
- Please do note the right process to start flight, switch on controller first and then to power on the aircraft,while when landing, it is opposite, to turn off the aircraft first then controller.
- It is not allowed to operate the aircraft in restricted areas or no-fly zones under relevant laws and /or regulations.

Unlock flight until GPS searched more than 7 satellites,or the aircraft cannot use position hold or auto-return function.(GPS signals can't be searched in-door)

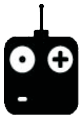
- It is advised to operate the aircraft in open areas away from high buildings,avoiding interference between the remote controllers and communication base station, wifi,high-voltage power wires etc.
- When doing the flight,please keep the aircraft away from obstacles,crowds, trees and water surface etc.

- Please do not operate the aircraft under harsh weather conditions like strong wind heavy snow or rain,thick fog etc.



It is suggested that the aircraft and operators should keep a distance more than at least 5 meters.

30%



The low battery Return to Home mode is triggered when the UPair drone battery level is below 30%. For safety, please land the aircraft if battery is under 30%.

Thanks

Thanks so much for your order of UPair One.Please follow the manual to use this product properly.

This product and The Intellectual Property Right of the Manual Belong to Upair, without the authorizationfrom UPair, no organization or individual is permitted to reprint, copy or distribute any contents of this manual in any forms.

If you have any questions or problems when using this product, please contact Upair authorized distributors or UPair customer service .

*This manual will be updated from time to time, for the newest version, please refer to:www.upairdrone.com

FCC Caution：

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.

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 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.