

UPair 2 Ultrasonic 3D+4k

Instruction Manual



V1.5

Quick Start Guide

01 1. Download UPair

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.

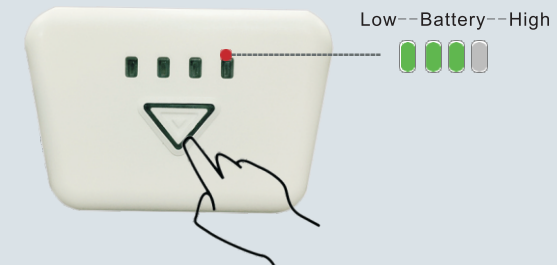
2. For iPhone:

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.

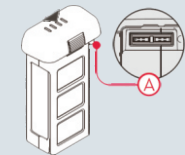
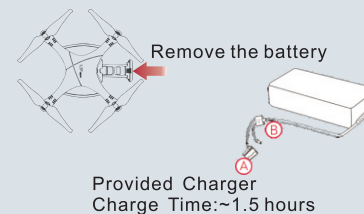
02 2. Check Battery Levels



Press Once to check the battery level.

Press twice (short press and then long press) to turn on/off

03 3. Charging the Batteries



Charge Time: 2~3 hours

4.Preparing the Remote Control

04



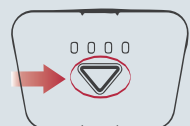
Place your mobile device into the clamp and adjust it so that the mobile device is held securely in place

5.Prepare for Takeoff

05



insert a Class10 16G or 32G micro SD card



Power on the remote controller and the aircraft.



Search and connect UPair WiFi hotspot.

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

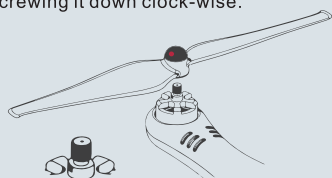
★Android cell phones support USB wire connect or WiFi connect, iPhone only support WiFi.

6.Installing the Propellers

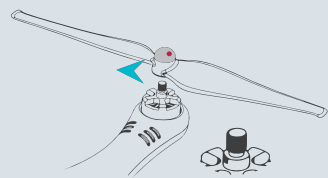
06

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

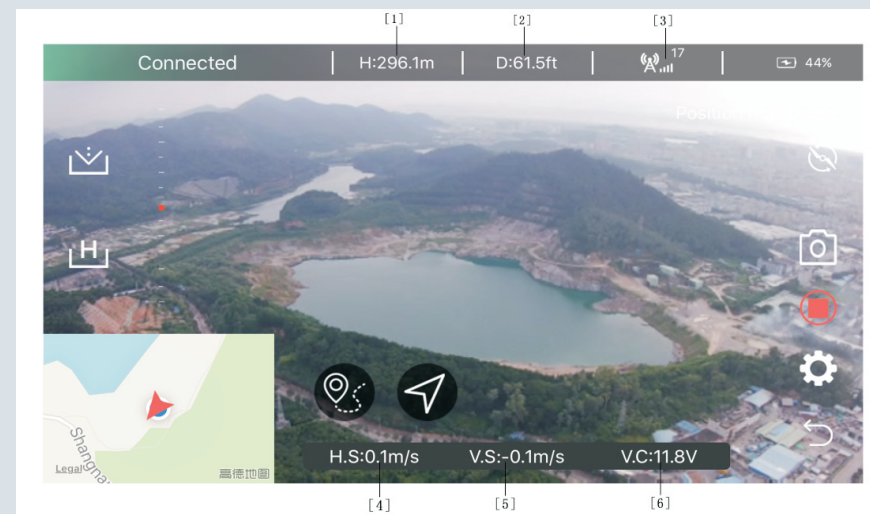


Propeller Assemble Properly

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

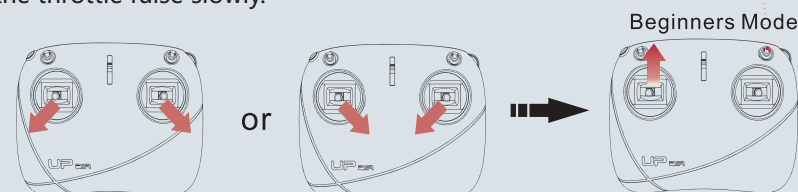
[5]V.S:Vertical velocity "0"m/s

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

* It can take off when it achieves the above conditions (especially 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.

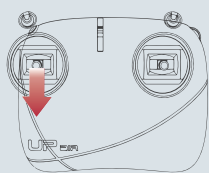
When the aircraft is unlocked, please firstly display the self-examining process of flying altitude. Then you can combine stick command to unlock the motors. Let the throttle raise slowly.



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)**

Before 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)

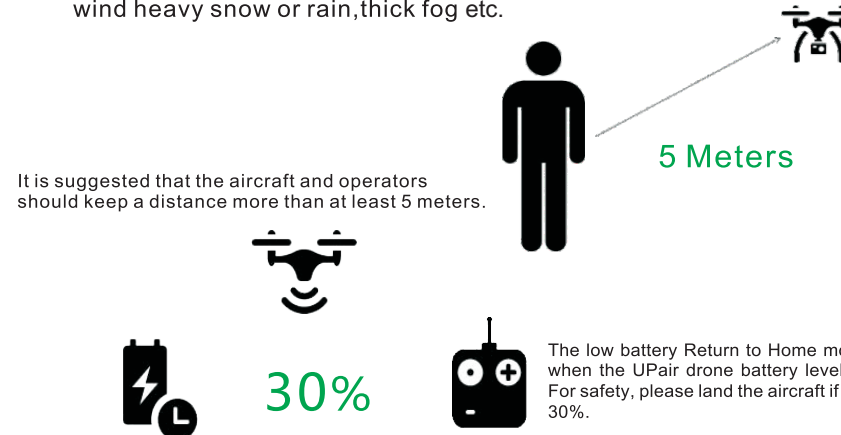


● It is advised to operate the aircraft in open areas away from high buildings,avoiding interference between the remote controllers and communication base station, wifi,high-voltage power wires etc.

● 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.



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 authorization from 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