

DISCOVERY WiFi

U818A FPV VIRTUAL REALITY UPGRADE

Aerial Photography / Real-time FPV / WiFi Control / Heading Hold Mode / 360° Flip / Low Battery Alarm
One Button Take Off/Landing



U818A WIFI

Instruction Manual

Catalog

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Important Statement:

- (1) This product is not a toy but a piece of complicated equipment which is integrated with professional knowledge by mechanic, electronic, air mechanics, high-frequency emission etc. It should be installed and adjusted correctly to avoid accidents. The user must always operate in a safe manner. We undertake no liability for human injury or property damage caused by improper operation, as we have no control over setup, use and operation of this drone.
- (2) This drone is suitable for experienced RC drone users aged 14 years or above. Not safe for users under the age of 14 to use.
- (3) The flying field must be legally approved by your local government.
- (4) UDI RC has entrusted the distributor to provide technical support and after-sale service.
If you have any questions about use, operation, repair etc., please contact FORCE1RC at support@force1rc.com

Safety Precautions:

Improper assembly, broken main frame, defective electronic equipment, or unskilled operation may cause unpredictable accidents such as drone damage or human injury. Please pay special attention to the following safety procedures:

(1) Keep away from obstacles and crowds

The speed and status of a flying RC drone is uncertain and it may cause potential danger. The user must keep away from crowds, tall buildings, power lines etc. when operating a flying RC drone. Do not fly a RC drone in wet or storm/thunder conditions

(2) Keep away from humid environment

The drone is made of precise electronic components. Humidity or water vapor may damage electronic components causing accidents.

(3) Safe operation

Please operate the RC drone in accordance with your flying skills. User fatigue, listlessness, and improper operation may increase the rate of accidents.

(4) Keep away from rotating parts

Rotating parts can cause serious injury and damage. Keep face and body away from rotating motors.

(5) Keep away from heat

The RC drone is made of metal, fiber, plastic, electronic components etc. Keep away from heat and direct sunshine to avoid distortion and damage.

(6) Please do not touch the hot motor to avoid being burnt.

LiPo Battery Care Instructions

Temperature

Heat is a known factor. If a battery is pushed beyond 60°C during discharging or charging, problems could occur due to metallic lithium generation, which damages the cell.

After a flight, you may find your batteries are warm to touch. It may be a good idea to give the batteries a chance to cool down a little before recharging.

Storage:

Please store batteries at normal room temperature and avoid direct exposure to sunlight or heat. When storing LiPo / Li-Ion batteries for any length of time, they should ideally be stored at a temperature of between 5°C & 27°C.

If you have a battery pack sitting on the shelf, fully charged, never try topping it up till it has been partially or fully discharged!

Usage:

There should be a time interval between charging and using battery.

Please make sure you time your flights to leave about 20% power remaining in the batteries (instead of completely draining them down) as that would prolong battery life and you can enjoy more cycles!

If the battery is pushed beyond its limits, the battery could get hot and the performance will drop.

When using the battery for a long time, the quantity of heat of your battery will increase. If it is sealed, the air inside will inflate rapidly causing heating.

Charging:

Do NOT overcharge the battery. It may cause overheating and in turn this overheating could damage the unit.

Never try charging a pack that has been crashed or is damaged, you run the risk of fire! Cells that are obviously swollen or have physical damage should never be used and careful disposal is required, especially if the cells are swollen.

Try plugging in another charger if one is available and see if the issue persists. If the charger is defective you should discard it immediately and process a warranty return if still under warranty or contact our support team at support@force1rc.com so we can arrange to ship you a replacement charger and/or batteries.

Remove the battery from the device, inspect the battery and battery connections. Ensure there is no damage to the battery, battery pins or contacts on the device. If you have damage to the battery or charging pins, please discontinue use and contact us at support@force1rc.com for repair/ replacement.

After crashing the quadcopter please check battery connectors and battery properly. If any part is damaged get spare parts from a UDI reseller.

Please use genuine factory spare parts replacements from UDI RC or Force1RC only.

Charging Instruction

1. Connect the USB charging cable to any available USB port, then connect the drone battery to the USB charging cable.
2. After connecting the USB charging cable to the USB port, the USB indicator light will turn green. After connecting the USB charging cable to the drone battery, the USB indicator light will turn red.
3. When fully charged, the light will switch to a solid green.
4. Average charging time: 50 minutes

Note:

- * To avoid damage and explosions, never place the batteries on a high temperature surface or close to fires or heating devices.
- * Never use the batteries for any purpose other than with the drone.
- * Never place batteries in water. Keep in a dry place only.
- * Never attempt to open the batteries
- * Never leave the batteries unsupervised during charging.

Charging Methods



Phone
Charger



USB



Portable
Charger



Computer

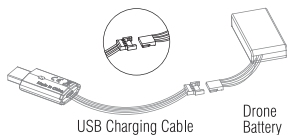


Car
Charger



Power
Bank

NOTE: For faster charging, it is recommended to use a 5V 2A AC Adapter (not included) to charge the battery.



USB Charging Cable

Drone
Battery



Li-Po Battery Disposal & Recycling

Wasted Li-Po batteries must not be placed with household trash. Please contact your local environmental or waste agency or your nearest Li-Po battery recycling center.

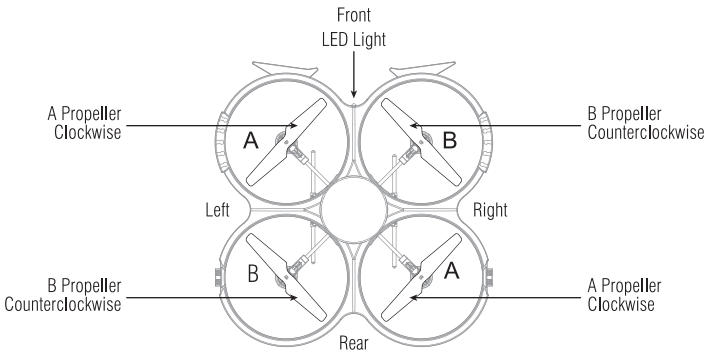


Checklist Before Flight

- (1) Make sure the drone battery and transmitter battery are fully charged.
- (2) Make sure the Left Stick of the transmitter is in the middle position.
- (3) Please follow the power on and off instructions closely. Turn on the transmitter power first then turn on the drone power before flying. Turn off the drone power first and then turn off the transmitter power when you're finished flying. Improper powering on and off may cause the drone to fly out of control and crash.

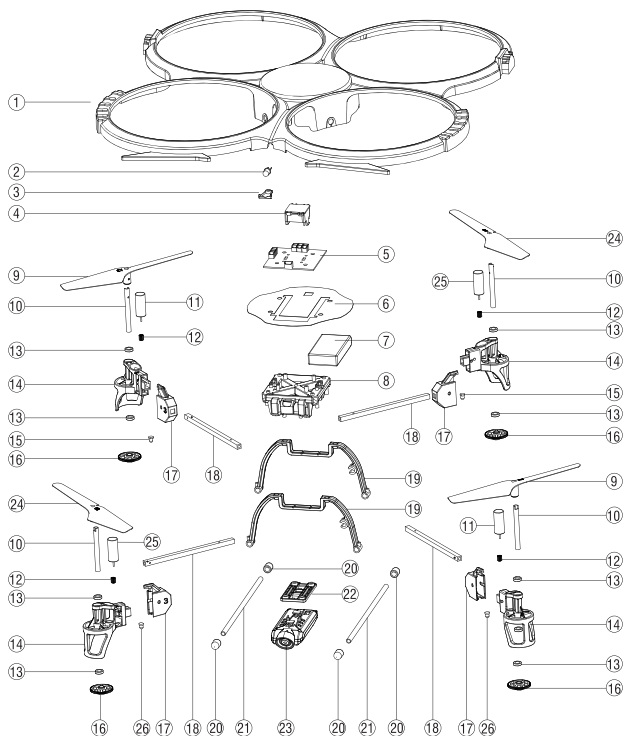
Drone Overview

Drone



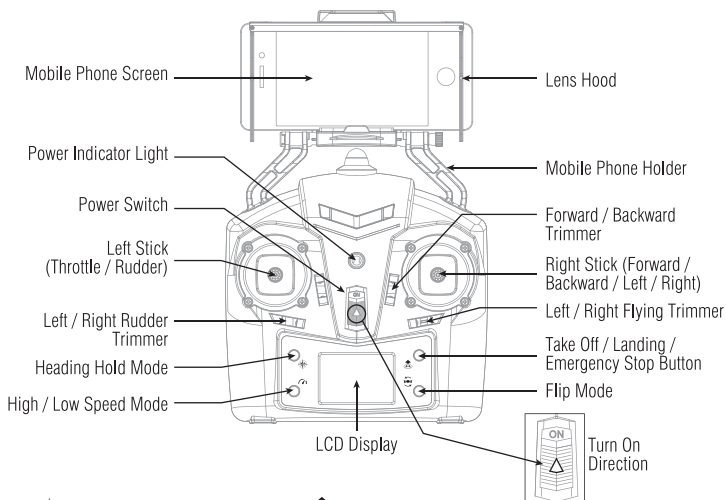
Specification

Drone Size	13.2"x12.8"x.05" In	Charging Time for Drone Battery	55~65mins
Drone Weight	.35 lbs	Max Flying Distance/Radius	100m
Propeller Diameter	5.35" In	Max Image Transmission Distance/Radius	40m
Flying Time	6~7mins	Camera Resolution	1280x720P
Remote Control Technology	2.4Ghz	Transmitter Battery	4xAA Alkaline Batteries
Drone Battery	3.7Vx2 350mAh	Main Motor	8520x4



No.	Name	No.	Name
1	Body	14	Motor Holder
2	Front Light (White)	15	Rear Light of Motor Holder (Red)
3	Front Light Holder	16	Gear
4	Altitude Hold Module	17	Motor Cover
5	Receiver Board	18	Carbon Fiber Tube
6	PVC Pad	19	Landing Gear
7	Drone Battery	20	Landing Gear Plug
8	Main Frame	21	Landing Gear Aluminum Tube
9	A Propeller (Clockwise)	22	Camera Holder
10	Transmission Pipe	23	Camera
11	Clockwise Motor (Red and Blue Wire)	24	B Propeller (Counterclockwise)
12	Motor Gear	25	Counterclockwise Motor (Black and White Wire)
13	Bearing	26	Front Light of Motor Holder (Blue)

Transmitter Overview



Heading Hold Icon



Take Off / Landing / Emergency Stop Icon

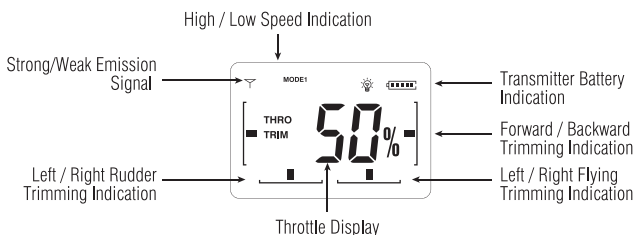


High / Low Speed Mode Icon



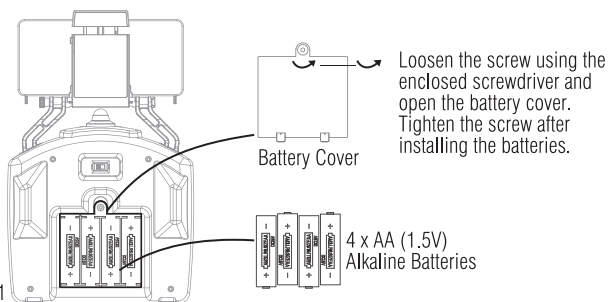
Flip Mode Icon

Note: Smart phone is not included.



Battery installation:

Open the battery cover at the back of the transmitter and install 4 AA alkaline batteries (not included) in accordance with electrode instructions.



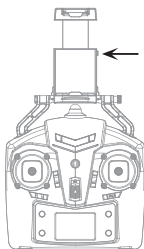
Picture 1

Caution:

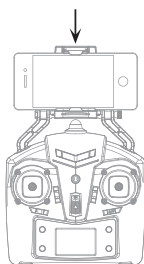
1. Make sure the batteries are installed correctly by matching the electrodes.
2. Do not mix new and old batteries.
3. Do not mix different kinds of batteries.

Attaching your Mobile Phone to Transmitter

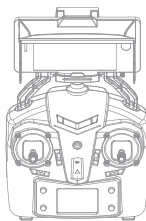
1. Press the self-locking switch on the top right side of the mobile holder and push the holder to a fully open position (Picture 2).
2. Place the mobile phone facing frontward position, pull the mobile phone holder down, and press tightly as possible to secure the mobile phone and transmitter. (Picture 3)



Picture 2



Picture 3



Picture 4

3. Insert the lens hood into the slot and make sure the lower edge of the lens hood is as close to the mobile phone as possible (Picture 4).

Pre-flight Operation Instruction

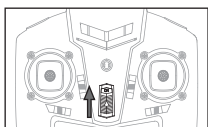
Checklist Before Flight:

- (1) Flying area must be spacious. We suggest at least 26Ft (length)*8M (width)*5M (height) of flying space.
- (2) Make sure the battery of the drone and the transmitter are fully charged.
- (3) Make sure the Throttle Stick of the transmitter is in the lowest position.
- (4) Make sure your transmitter and drone are calibrated.

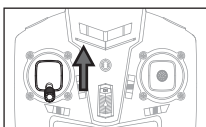
Pre-Flight Operations:

1. Turn on the transmitter switch (Picture 5), the indicator light will flash quickly. Push the Throttle Stick all the way up then all the way back down (shown Picture 6/7).
The indicator will slowly flash which indicates the transmitter entered frequency pairing.
2. Put the battery into the drone battery box, and then connect the battery with the drone. The front light will flash slowly. (Picture 8)
3. Place the drone on a flat surface. The indicator light will turn solid which indicates successful frequency pairing and the drone is ready to be controlled.

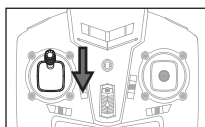
Important : For better flight control, please make sure the gyro of the receiving board is placed in a horizontal position after powering the drone for better flight control.



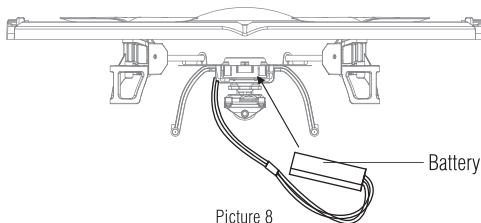
Picture 5



Picture 6



Picture 7

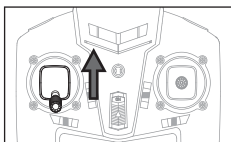


Picture 8

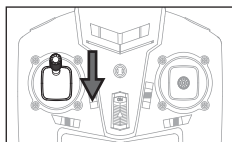
Calibration Instruction

To ensure control of your drone, it is important to always calibrate your drone with your transmitter before flying. Re-calibrating is necessary in the case of difficult operation after take off.

1. Turn off the drone switch and then turn off the transmitter power switch.
2. Turn on the transmitter switch and push the throttle stick all the way up. Now push the throttle stick down (Picture 9 & 10). The transmitter is now paired.

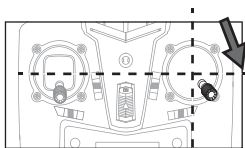


Picture 9



Picture 10

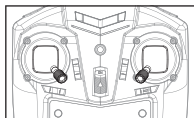
3. Power on the drone and place it on a flat surface in a horizontal position. The back of the drone should face the user and the front of the drone should face forward. You will hear you will hear 3 beeping noises a few seconds later, which indicates a successful pairing. The drone light will turn solid.
4. Do not move the Throttle Stick before successful calibration. Push the Forward/Backward/Left/Right Stick as shown below (See Picture 11). The drone light will flash, which indicates that the drone is calibrating. When the drone light remains solid, your drone is ready to fly.



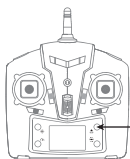
Picture 11

Two Take Off Modes

1. **Two button take off:** Push the Left Stick and Right Stick as shown in Picture 12 to start the motor, release the buttons, then push up the Left Stick to fly the drone up to a certain altitude and then release the stick.
2. **One button take off:** Press the Take Off / Landing / Emergency Shut Down button, the drone will automatically fly up and remain at a flying altitude of 4 feet.



Picture 12



Picture 13

Off / Landing /
Emergency
Landing Button

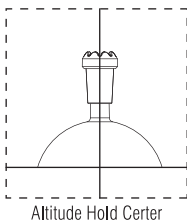
Three Landing Modes

1. **Standard landing:** Push the Left Stick all the way down to the lowest position and hold it until the motors stop and the drone lands on the ground.
2. **One button landing:** Press the Take Off / Landing / Emergency Shut Down button once and the drone will automatically descend slowly until it lands on the ground.
3. **Emergency landing:** If you find yourself in a situation where you need to perform an emergency landing, press the Take Off / Landing / Emergency Shut Down button immediately and hold it for about 1 second. The motor will stop immediately and the drone will land on the ground.

Altitude Hold Mode

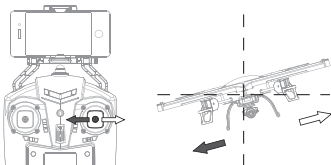
Altitude hold mode allows the drone to maintain a consistent altitude while still allowing the operator to use normal flying functions. This function makes flying the drone much easier for beginners and allows for better quality of aerial photography.

To activate the Altitude Hold function, push the Left Stick up or down to fly the drone up or down at a certain altitude of choice, then release the stick back to the center position as shown in the image to the right. The drone will continue to fly at the current altitude. Repeat the steps below if you want to change the drone altitude.

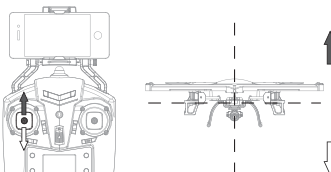


BASIC FLIGHT CONTROLS

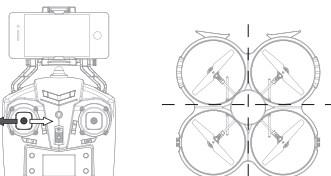
1. To fly left or right

	<p>Push the Forward/Backward/Left/Right Flying Stick to the left or right.</p>
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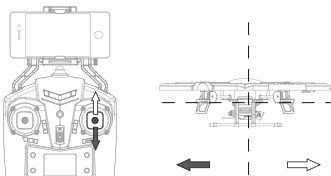
2. To fly up or down

	<p>Push the Throttle Stick up or down.</p>
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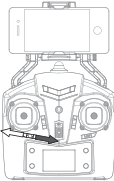
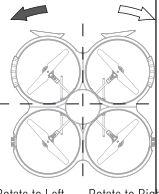
3. To rotate the drone left or right

	<p>Push the Throttle Stick to the left or right.</p>
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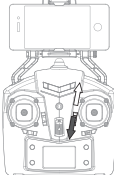
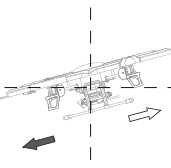
4. To fly forward or backward

	<p>Push the Forward/Backward/Left/Right Stick up or down.</p>
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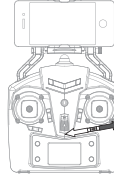
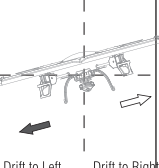
5. If the drone rotates to the left or right when taking off

	 <p>Rotate to Left Rotate to Right</p>	<p>Left/Right Rudder Trim Adjust the Left/Right Rudder Trim to the right if the drone rotates to the left when taking off, and adjust trim to the left if drone rotates to the right.</p>
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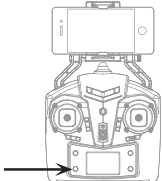
6. If the drone drifts forward or backwards when taking off

	 <p>Drift Forward Drift Backward</p>	<p>Forward/Backward Trim Adjust the Forward/Backward Trim backwards if the drone drifts forward when taking off, and adjust trim forwards if drone drifts backwards.</p>
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7. If the drone drifts to the left or right when taking off

	 <p>Drift to Left Drift to Right</p>	<p>Left/Right Flying Trim Adjust the Left/Right Flying Trim to the right if the drone drifts to the left when taking off, and adjust to the left if drone drifts to the right.</p>
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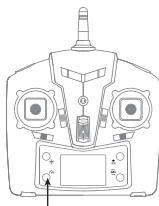
8. High/Low Speed Mode

	<ol style="list-style-type: none">MODE 1: Low speed mode. Suitable for beginners to practice in windless conditions.MODE 2 : High speed mode. Suitable for experienced drone users.
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High / Low Speed Mode

By default, the drone is in Low Speed Mode. Press the High / Low Speed Mode button and the transmitter will beep and enter High Speed Mode.

1. Low Speed Mode is suitable for beginners.
2. High Speed Mode is suitable for experts.



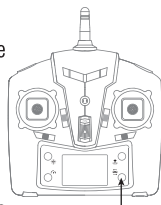
High / Low Speed Mode

Flip Mode

To do flips, first press the Flip Mode button on your controller, you will hear a constant beep noise which indicates that the drone is ready to flip. Push the Right Stick to the utmost direction of your choice and the drone will flip accordingly. After the drone performs 1 flip, the drone will automatically exit from flip mode.

Note: The flip function is unavailable when the drone battery is low and also during Headless Mode.

Warning: Your flying field must be spacious while performing flips.

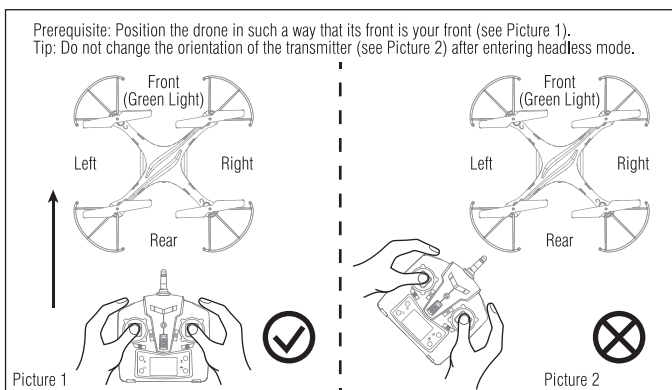


Flip Mode

Headless Mode

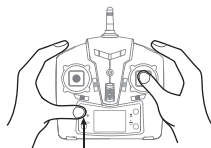
Drones generally have a front and back indicated by LED lights or colored propellers. Before take off, users are instructed to position the head of the drone away from the user. When flown in daylight or at a far distance, determining which side is the front or back becomes difficult.

When the drone is in Headless Mode, push the Right Stick forward/backward/left/right and the drone will fly accordingly.



To turn on Headless Mode: Press the Headless Mode button. The LED light of your drone will flash which indicates the drone has entered Headless Mode.

To turn off Headless Mode: Press the Headless Mode button again and the drone LED lights will remain a solid light which indicates that the Headless Mode is off.



Headless Mode Button

Low Battery Alarm

When the drone battery is low, the transmitter will constantly beep to remind the user to land the drone as soon as possible. The flip function will turn off automatically when the drone battery is low.

Out of Range Alarm

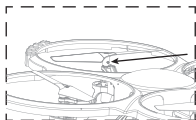
When the drone flies out of the the max remote control distance (328 ft.), the transmitter will beep to alarm the user to fly the drone back immediately. If ignored, the drone may lose control and fly away.

Motor Protection Function

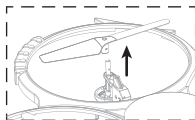
1. When the propeller is stuck, the drone body lights will flash rapidly and the Motor Protection Function will automatically turn on. The motor will then stop.
2. To turn off the Motor Protection Function, move the left stick to the lowest position. The drone body lights will turn to a solid light to signal that the drone is ready to fly.

Propeller Installation Diagram

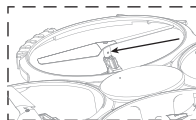
1. Move the screw driver in a counterclockwise direction to remove the screw as shown in Picture 14.
2. Pull up the propeller and take it out as shown in Picture 15.
3. Replace the damaged propeller with a new one. Aim at the propeller hole with the screw hole, move the screw driver in clockwise direction to lock the screw as Picture 16.



Picture 14



Picture 15



Picture 16

Getting To Know Your App

1. Download and Install the APP: Flyingsee

The App is compatible with mobile phones running iOS or Android. Please download the app from the App Store or Google Play:

1. Scan the QR code below or the QR code on the product box to download the App: (Picture 14, Picture 15 and Picture 16)
2. iOS system: please search Flyingsee in APP Store.
3. Android system: please search Flyingsee in Google Play.




Available on the
App Store



ANDROID APP ON
Google play

2. Frequency Pairing between Mobile Phone and Drone WiFi:

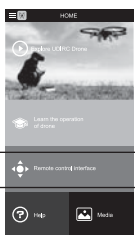
1. Install the battery to the mounted box and power on the drone. Put the drone on a flat surface in a horizontal position.
2. Make sure your Wifi settings are turned on your mobile device and connect to the wifi name: udirc-***. Return to your home screen after successful connection.
3. Click on the Flyingsee app and click on  to enter remote control interface to experience real time transmission.



Flyingsee



Click on the icon




Home Page



Real time Transmission Interface



4. Click on  to enter Virtual Control Interface. At this time the drone LED lights will change from flashing to a solid light, which indicates successful frequency pairing. The drone is now ready to be controlled via APP.

Virtual Control Interface



Important Tip: Ensure that the drone is on a flat surface in a horizontal position when pairing or the drone may not pair properly.

3. Introduction for APP Icons

3.1 1. Home Page Icons



Explore UDIRC Drone



Learn the operation of Drone



Remote control interface



Help



Media

3.2 2. Remote Control Interface



Home Page Icon

Click on the icon to go back to the home page



Virtual Reality Mode

Click on the icon to enter virtual reality mode to experience first person view (only available when using with a VR headset). Click on the icon again to exit from virtual reality mode.



Flight Route Setting Mode

Click on this icon and it turns red. Draw a flight route in the right area. The drone will fly according to the flight route. Click on the icon again to exit from Flight Route Setting Mode. The icon turns white.

EMERGENCY



Emergency Stop

The icon is red by default. Click this icon and the propellers will stop immediately. The drone will fall down to the ground immediately.

Tip: Do not use the emergency stop function unless in emergency situation.



SD Card

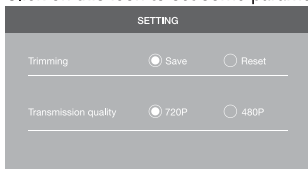
If there is no SD Card in the drone, the icon shows as . If there is an SD Card in the drone, the icon shows as .

Remote Control Signal

To show the drone's WiFi signal strength.

Setting

Click on this icon to set some parameters, and click again to exit.



Click on "Save" to save trimming setting. Choose "Reset" for factory reset.

Click on "720P" or "480P" to choose real time transmission resolution.

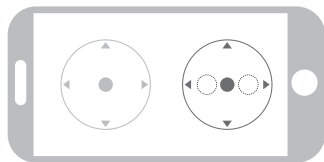
Remote Control

Virtual Control Stick

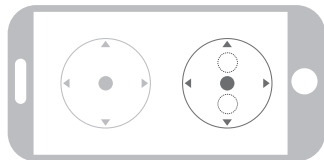
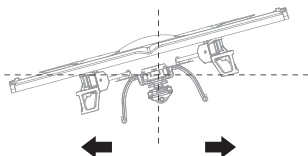
The virtual control stick is hidden by default. Click on the icon to turn on the virtual control stick.

Gravity Induction Mode

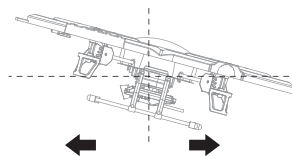
Click on this icon to enter gravity induction control mode. (only available for flying left / right and forward / backward). Click on the icon again to exit from gravity induction control mode.



If the mobile phone shakes to the left / right, the Right Ball will move accordingly causing the drone to fly left / right.



If the mobile phone shakes to forward / backward, the Right Ball will roll forward / backward, causing the drone to fly forward / backward.



Video

Click on this icon to record video. The recording time will show at the bottom of the screen. Click on this icon again to finish recording.



Photo

Click on this icon to take photo.



Heading Hold Mode

Click on this icon and it turns red, which indicates that the drone has entered Headless Mode. Click again to exit from Headless Mode. The icon turns white.



Media

Click on this icon to view or delete the aerial video and photo. Click on the arrow to exit.



High / Low Speed Mode

By default, the drone is in Low Speed Mode “L”. Click on “H” to enter High Speed Mode.



Flip Mode

Click this icon, the drone will do 360° flip and the icon will turn red shortly.



One Button Take Off

Click on this icon and it turns red shortly. The drone will fly up automatically and stay flying at a altitude of 3.9 ft.



One Button Landing

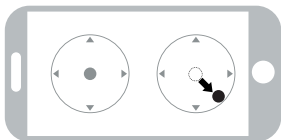
Click on this icon and the icon turns red, the drone will fly down slowly and land on the ground. All propellers also will stop.

4. Calibration Instruction

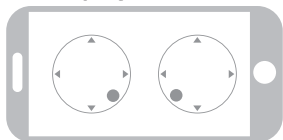
If the drone becomes imbalance after crashing during the flight, and can not be adjusted by trimmer button and cause difficult operation, please calibrate the drone.

1. Please refer to the Frequency Pairing between Mobile Phone and Drone WiFi to calibrate the drone.

2. Do not push the Left Ball before successful calibration. Move the Right Ball as the picture shown on the right. The drone body lights flash, which indicates that the drone is calibrating. When the drone body lights get solid, which indicates successful calibration and the drone is ready to be controlled.



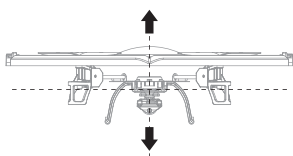
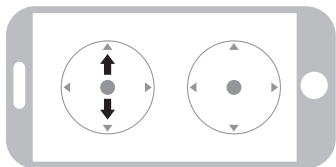
5. APP Flying Control



Move the Left Ball and Right Ball at the same time to start the drone as picture shown. Or click the One Button Take Off icon to start the drone.

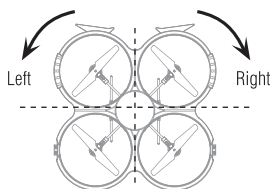
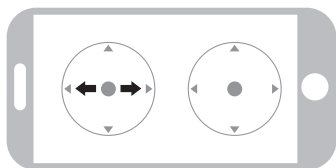
To fly up or down:

Move the Left Ball up to fly the drone up and move the Left Ball down to fly the drone back down. The drone will stay flying at appointed altitude.



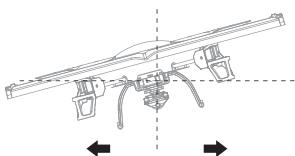
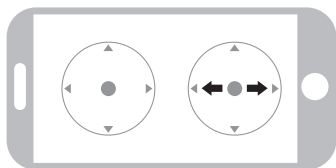
To rotate left or right:

Move the Left Ball to the left to rotate the drone to the left. Move the Left Ball to the right to rotate the drone to the right.



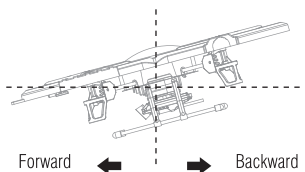
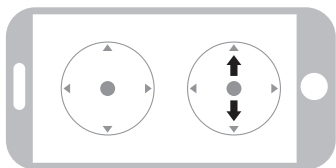
To fly right or left:

Move the Right Ball to the left to fly the drone to the left, and move the Right Ball to the right to fly the drone to the right.



To fly forward or backward:

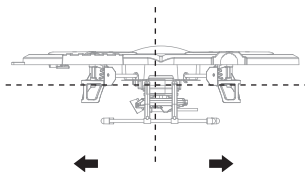
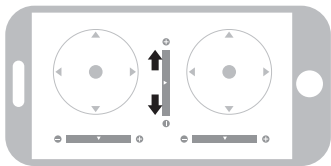
Move the Right Ball up to fly the drone forward, and move the Right Ball down to fly the drone backwards.



5.1 Trimming Adjustment

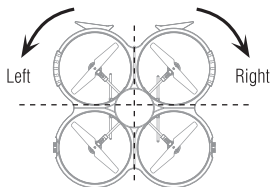
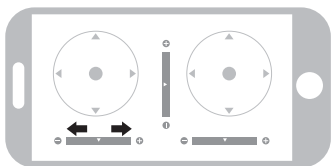
If the drone tilts forward or backward

Click the “-” of the Forward / Backward Trimmer to adjust the drone till balance if the drone tilts forward. Click the “+” to adjust the drone till balance if the drone tilts backward.



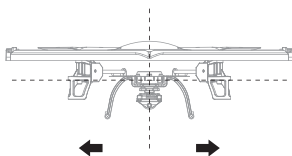
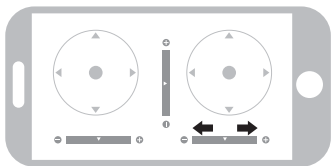
If the drone rotates to left or right

Click the “+” of the Left / Right Rudder Trimmer till balance if the drone rotates left. Click the “-” to adjust the drone till balance if the drone rotates right.



If the drone tilts to the left or right

Click the “+” of the Left / Right Flying Trimmer till balance if the drone tilts to the left. Click the “-” to adjust the drone till balance if the drone tilts to the right.

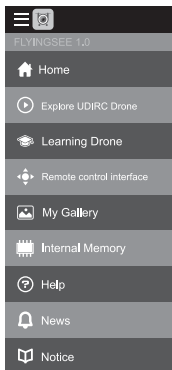


1. If you can not find the WiFi signal to connect, turn off WiFi and turn on again to search and connect.

Note: 2. The available WiFi control radius/distance is 40m, please control the drone within this range.

3. When changing control method from mobile phone to transmitter, exit from the APP.

6. Media



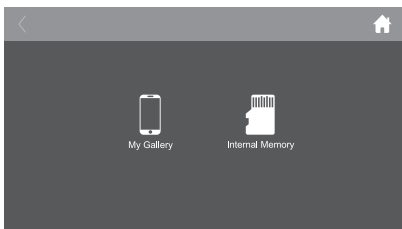
Main Menu



To view the photos and videos.



To view the aerial photography dates saved in the TF card.



Media Interface

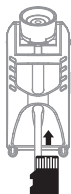
Tip: You will need to authorize the APP to read your phone's media data. If you don't, you may be unable to view the aerial photography.

7. To take photo and record video

1. Insert the SD card to the slot in accordance with Picture 17. Make sure the metal side of the card faces up as the picture.
2. The aerial photo will be saved in your mobile phone and the SD card, while the video only be saved in the SD card. But you can view and download the video to the mobile phone only when the mobile phone connecting with the drone WiFi and the SD card in the drone.

Tip: Click on the video icon to save a video when ending recording, or the video cannot be saved.

3. Power off the drone first when finishing aerial photography. Take out SD card and insert the card to a card reader. Connect the card reader with a computer USB port. After a while, view the aerial photography data from "my computer"- "mobile disk".



Picture 17

Tip: Please play the video or photo after coping all aerial photography data to computer and make sure the play software can support AVI format.

Basic parameter for aerial camera: Video DPI 1280*720P;
Image Size 1280*720P.

Spare Parts

For convenience, the spare parts are listed for you to choose, which can be purchased from the local seller.



U818AWIFI-01
Main Frame

U818AWIFI-02
Propeller

U818AWIFI-03
Housing

U818AWIFI-04
Landing Gear



U818AWIFI-05
Carbon Fiber Tube
and Tooth Gear

U818AWIFI-06
Clockwise Motor
(Red and Blue Wire)

U818AWIFI-07
Counterclockwise Motor
(Black and White Wire)

U818AWIFI-08
Clockwise Motor
Parts (Blue Light)

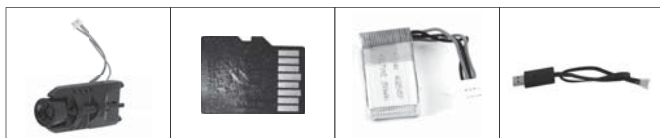


U818AWIFI-09
Clockwise Motor
Parts (Red Light)

U818AWIFI-10
Counterclockwise
Motor Parts (Blue Light)

U818AWIFI-11
Counterclockwise
Motor Parts (Red Light)

U818AWIFI H-12
Receiving Board



U818AWIFI-13
Camera

U818AWIFI-14
TF Card

U818AWIFI-15
Battery

U818AWIFI-16
USB Cable



U818AWIFI-17
Card Reader

U818AWIFI H-18
Transmitter

Troubleshooting Guide

No.	Problem	Problem Cause	Solution
1	The transmitter indicator light is off	1. Low battery.	1. Replace the transmitter battery.
		2. The battery positive pole and negative pole are in reverse order.	2. Install the battery in accordance with the user manual.
		3. Poor Contact.	3. Clean the dirt between the battery and the battery slice.
2	Fail to pair the drone with transmitter	1. Indicator light is off.	1. The same as above 1.2.3.
		2. There is interfering signal nearby.	2. Restart the drone and power on the transmitter.
		3. Misoperation.	3. Operate the drone step by step in accordance with the user manual.
		4. The electronic component is damaged for frequent crash.	4. To buy spare parts from local seller and replace damaged parts.
3	The drone is under-powered or can not fly.	1. The propeller deformed seriously.	1. Replace the propeller.
		2. Low battery.	2. Recharge the drone battery.
		3. Incorrect installation of propeller.	3. Install the propeller in accordance with the user manual.
4	The drone could not hover and tilts to one side.	1. Fail to calibrate the drone.	1. Refer to 7.3 calibration instruction.
		2. The propeller deformed seriously.	2. Replace propeller.
		3. The motor holder deformed.	3. Replace the motor holder.
		4. The gyro did not reset after violent crash.	4. Put the drone on the flat ground for about 10s or restart the drone to calibrate again.
		5. The motor is damaged.	5. Replace motor.
5	The drone indicator light is off.	1. Low battery.	1. Recharge the drone battery.
		2. The battery is expired or over discharge protection.	2. Buy a new battery from local seller to replace the battery.
		3. Poor contact.	3. Disconnect the battery and then connect it with the plug again.
6	Could not see the picture.	1. Did not connect the wire of camera box or poor contact.	1. Check the wire and connect well.
		2. There is interfering signal nearby.	2. Cut off the wire and re-connect.
		3. Damaged camera.	3. Buy a new camera box from local seller to replace.
7	Hard to control by cellphone.	1. Not experienced enough.	1. Practice and read the cellphone controlling instruction carefully.

For technical support, contact support@force1rc.com

FCC Information

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 residential 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 the circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC WARNING:

The equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. Modifications not authorized by the manufacturer may void user's authority to operate this device.

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.



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