DRAGONFLY WIFI FPV

With 120° wide-angle 720P HD WIFI Camera

USER MANUAL



FOR MORE INFORMATION

Visit us online at **force1rc.com** for product information, replacement parts, and flight tutorials.

ATTENTION:

BEFORE FLYING YOUR DRONE, PLEASE WATCH THIS FLIGHT INSTRUCTION VIDEO.

https://youtu.be/tk3qzsUwoWs

FORCE1

WWW.FORCE1RC.COM

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IMPORTANT STATEMENT

Thank you for buying a Force1 drone. **Please read this manual carefully before operating the drone.** By reading this manual it is assumed you are accepting all content in this user manual when using this drone.

(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 us at support@force1rc.com

***Please use only original Force1 spare parts and accessories. Force1 does not assume any responsibility for any accidents caused by using non-genuine parts and accessories.**
***Keep the packaging and user manual for future reference.**

SAFETY PRECAUTIONS

This drone is suitable for experienced RC drone user aged 14 years or above. This product contains small parts, please keep out of reach of children.

Please pay special attention to the following safety procedures:

(1) Flying area
The flying field must be legally approved by your local government. Do not fly the drone near in the airport. Keep far away from the airport more than 3.10 miles when flying a RC drone. Flying field must spacious enough and we suggest at least 26.24ft (length)*26.24ft (width)*16.40ft (height).

(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

IMPORTANT SAFETY NOTICE FOR DRONE BATTERY

* Keep LiPo batteries away from children and animals.
* Never use or charge a LiPo battery that has ballooned or swelled.
* Never use or charge a LiPo battery that has been punctured or damaged.
* After a crash, inspect the battery pack for signs of damage.
* Never overcharge a LiPo battery.
* Do not charge LiPo batteries near flammable materials or liquids.
* Do not put the battery in a high temperature place or in direct sunlight. Reduce risks of fire or explosion by storing LiPo batteries inside a LiPo safe bag.
* Do not put battery packs in pockets or bags where they can short circuit or can come into contact with sharp or metallic objects.
* Do not attempt to disassemble or modify or repair the LiPo battery.
* Do not use the battery to break or hit a hard surface.
* Do not put the battery in water and keep it stored at room temperature in a dry place.
* Do not leave the battery unsupervised when charging.
* Make sure that there is no short circuit of the power wire.
* Please use the recommended charger only. Do not charge on a gaming console. Only use your computer's USB port, power bank or phone wall charger to charge the battery.
* To avoid trickle charging, always unplug the battery from the USB charger when storing or leaving unattended.
* Check the charger's wire, plug, and surface regularly. Do not use a broken charger.
* If you are going more than one week without using LiPo batteries it is best to keep them stored at a 50% charge.

LIPO BATTERY CARE INSTRUCTIONS

Temperature:

- Heat is a known factor in battery fires. If a battery is pushed beyond 60°C/140°F 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 or hot to the touch. Give the batteries a chance to cool down before recharging.

Storage:

- 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/40°F & 27°C/80°F.
- If you have a battery pack, fully charged do not try to charge further until it has been partially or fully discharged!

Usage:

- Leave time between charging and using the battery.
- To extend the lifetime of the battery time your flights to leave about 20% power remaining in the batteries (rather than completely draining them)
- 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 battery will increase in temperature. If it is sealed, the air inside will inflate rapidly causing further heating.

Charging:

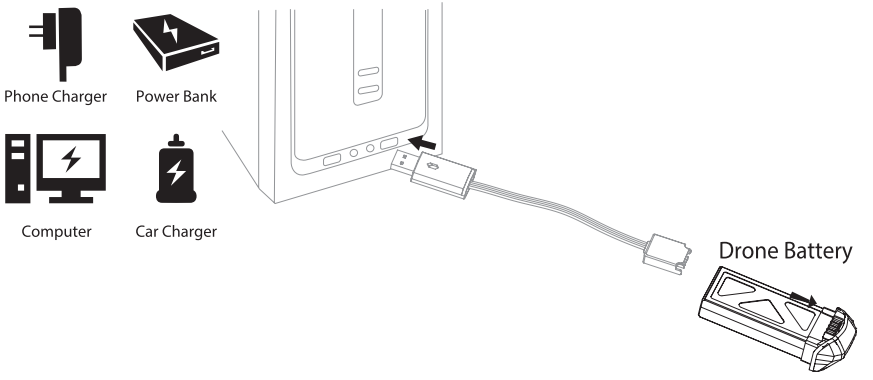
- Do NOT overcharge the battery. It may cause overheating and in turn this overheating could damage the battery or melt/burn surfaces it is resting on to charge.
- Never try charging a battery that has been damaged, you run the risk of fire! Cells that are obviously swollen or have physical damage should never be used and careful disposal is required, especially if the cells are swollen.
- If you feel like the battery is not charging properly, try plugging it into another charger if one is available and see if the issue persists. If the charger is defective you should discard it immediately and go to Force1RC.com to purchase a replacement. You may also contact our support team at support@force1rc.com so we can arrange to ship you a replacement charger and/or batteries if within the warranty period.
- Remove the battery from the device, inspect the battery and battery connections. Ensure there is no damaged to the battery, battery pins or contacts on the device. If you have damage to the battery or charging pins, discontinue use and visit Force1RC.com to purchase replacement parts. You may also contact us at support@force1rc.com for a replacement piece if within warranty.
- After crashing the quadcopter always check the battery and connectors for damage. If any part is damaged get spare parts from Force1RC.com.
- Please use genuine factory spare parts replacements from Force1RC.com

WARNING:

DO NOT LEAVE BATTERY CHARGING UNSUPERVISED

CHARGING INSTRUCTIONS FOR DRONE BATTERY

1. Connect the drone battery with USB cable first and then choose one of the methods as pictured below to connect with USB plug.
2. The red USB indicator light turns on when charging and the light turns green when fully charged.



LIPO BATTERY DISPOSAL & RECYCLING

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

WARNING:
DO NOT LEAVE BATTERY CHARGING UNSUPERVISED

BOX CONTENTS



DRONE



TRANSMITTER



2 x 7.4v 350mAh LiPo BATTERY



PROPELLERS (4)



USB CHARGER CABLE

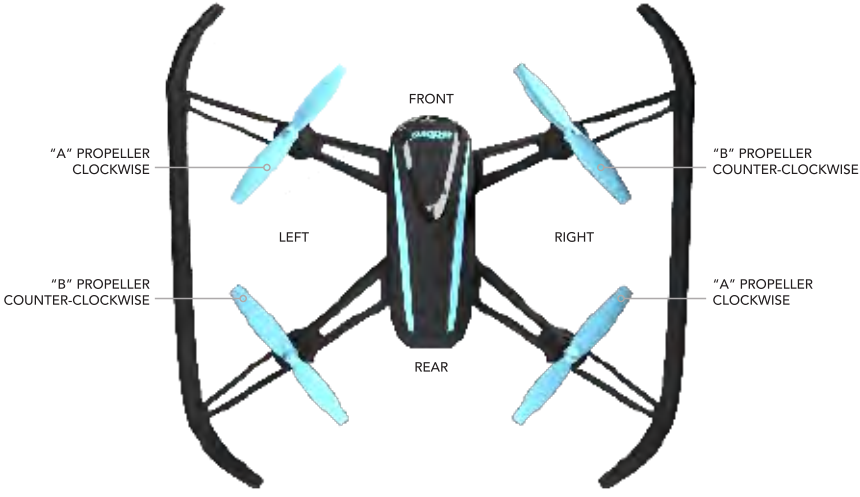


DRONE TOOLS



PROPELLER GUARDS (4)

DRONE OVERVIEW



TRANSMITTER OVERVIEW





TRANSMITTER BATTERY INSTALLATION

Open the battery cover on the back side of the transmitter and put 4 alkaline batteries (AA, not included) into the box in accordance with electrode instructions, as shown in Picture 1 & 2.



PICTURE 1



PICTURE 2

CAUTION:

- The transmitter needs 4 X AA batteries to work. Non rechargeable batteries are not to be charged.
- Insert batteries with correct polarity.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Rechargeable batteries are to be removed from the toy before being charged;
- Rechargeable batteries are only to be charged under adult supervision;
- Exhausted batteries are to be removed from the toy;
- The charging wire to be used with the product should be regularly examined for potential hazard, such as damage to the cable or cord, plug, enclosure of other parts and that in the event of such damage, the product must not be used unless or until that damage had been properly fixed.

PHONE INSTALLATION INSTRUCTION

1. Pull up the phone holder (Picture 3), open the lower clamp, then pull the upper holder until it can hold the phone (Picture 4).
2. Put the phone into the holder, then release the clamp, the clamp will hold the phone tightly (Picture 5/6).



PICTURE 3



PICTURE 4



PICTURE 5



PICTURE 6

DRONE ASSEMBLY

PROPELLERS REMOVAL/INSTALLATION

REMOVAL

When removing propellers, insert the wrench between propeller and motor (Picture 7), press down the wrench and remove the propeller by lifting up the propeller (Picture 8/9).



PICTURE 7



PICTURE 8



PICTURE 9

INSTALLATION

Before installing the propeller, please inspect the drone arm and relative letters A or B on the propellers carefully to make sure the two letters are identical at the time of installation.

When installing, place the propeller over the motor shaft and press the propeller down (Picture 10).

The propeller should be parallel to the ground after correct installation (Picture 11).



PICTURE 10



PICTURE 11

CAUTION:

- Please be sure to install the propellers correctly (matching A and B), otherwise the drone will not fly.
- Be careful when installing the propellers, as they are a little sharp.
- Extra propellers can be ordered from force1rc.com

MOTOR REPLACEMENT

REMOVAL
1. Remove the propellers as per above pictures 7/8/9
2. Remove the screw holding the motor holder (Picture 12)
3. Pull apart the motor holder (Picture 13)
4. Unplug the motor connector (Picture 14)
5. Take out the motor



PICTURE 12



PICTURE 13



PICTURE 14

INSTALLATION
1. Plug the required motor connector into the motor socket (Picture 14),
2. Push the motor into the upper frame and then into lower frame (Picture 13)
3. Tighten the screw (Picture 12)
4. Reference Picture 10/11 to install the propellers

CAUTION: Ensure that you install the correct motor orientation (clockwise or counter-clockwise) to replace the non-working motor, else it will not work.

BATTERY INSTALLATION

To install the battery, insert the LiPo battery into the drone battery slot (Picture 15).

To remove the battery, gently push down on the battery clip, keep it pressed and then slide out the battery (Picture 16).

NOTE: When inserting the battery into the drone please ensure that the battery sticker is facing upwards.



PICTURE 15



PICTURE 16

PRE-FLIGHT OPERATION INSTRUCTIONS

FREQUENCY PAIRING

1. Turn on the transmitter switch (Picture 17) and the power indicator light flashes rapidly. Push the Left Stick all the way down to the lowest position and then release. The Left Stick will back to the middle position automatically. (Picture 18 / 19) The power indicator light flashes slowly, which indicates the transmitter is ready for frequency pairing.



PICTURE 17



PICTURE 18



PICTURE 19

2. Install the battery to the mounted box in the drone and then power on the drone.



PICTURE 20

3. Put the drone on the flat surface, the drone body lights turn from flashing to solid bright, which indicates successful frequency pairing.

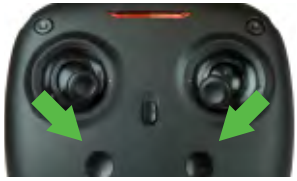
Important Notice: Please make sure the drone is placed in the horizontal position after powering on the drone, so that the drone can work well.

CHECKLIST BEFORE FLIGHT

1. The camera is in front of the drone. Keep the drone front away from you.

2. Power ON the drone and check the direction of the rotating propellers. The left front and right rear A propellers rotating clockwise while the right front and left rear B propellers rotating counterclockwise.

3. Activate(unlock) motors: Move the Left Stick and Right Stick at the same time as Picture 21 shown (45 degree inward) to start the motors and repeat previous step again to lock the motors.



PICTURE 21

4. After activating the motors, push up the Left Stick slowly to fly up the drone, and pull down the Left Stick slowly to the lowest end, then the drone will land on the ground slowly.
5. It's recommended to repeat Step 2-4 to practice.
6. Adjust the trim using the trimmer button if the drone moves in a certain direction while flying.

CALIBRATION INSTRUCTION

Please follow below steps to calibrate the drone if the drone becomes imbalanced after crashing during the flight, and can not be adjusted by trimmer button and it causes difficult operation.

1. Power OFF the drone, then turn off the transmitter switch.

2. Turn on the transmitter switch, push the Left Stick all the way down to the lowest position (Picture 22) and then release. The Left Stick will back to the middle position automatically (Picture 23). The transmitter is ready for frequency pairing mode.



PICTURE 22



PICTURE 23

4. After activating the motors, push the left stick up slowly to lift the drone up; and push the left stick down slowly, to the lowest end to land the drone

.

5. It's recommended to repeat Step 2-4 for practice.

6. Adjust the trim using the trimmer button if the drone moves in a particular direction too much while flying.



PICTURE 24

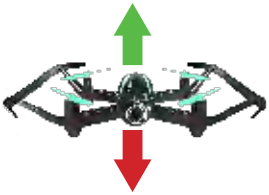
Notice: When the drone is fiercely impacted or crashed, it may cause the gyro may not recover its original position and cause difficulty in control, if this is the case, then you need to power OFF and power on again to calibrate.

BASIC FLIGHT CONTROLS

HOVER UP AND DOWN

Push the THROTTLE/RUDDER STICK up to fly the drone up, and pull the THROTTLE/RUDDER STICK down to fly the drone down.

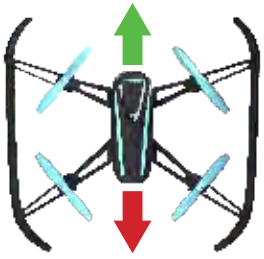




FLY FORWARD OR BACKWARD

Push the DIRECTION CONTROL STICK up to fly the drone forward, and pull the DIRECTION CONTROL STICK down to fly the drone backward.

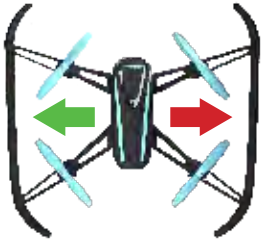




FLY LEFT OR RIGHT

Move the DIRECTION CONTROL STICK to the left to fly the drone to the left, and move the DIRECTION CONTROL STICK to the right to fly the drone to the right.

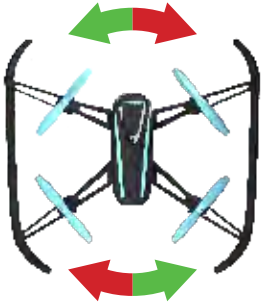




ROTATE LEFT OR RIGHT

Move the THROTTLE/RUDDER STICK to the left to rotate the drone to the left, and move the THROTTLE/RUDDER STICK to the right to rotate the drone to the right.



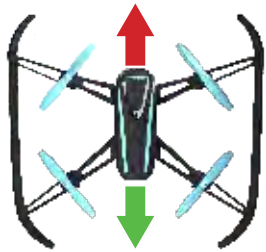


TRIM ADJUSTMENTS

FORWARD/BACKWARD TRIM

Press the TRIMMER MODE BUTTON and adjust using the DIRECTION CONTROL STICK. If the drone drifts forward when taking off, push backwards, or forwards if drone drifts backwards.

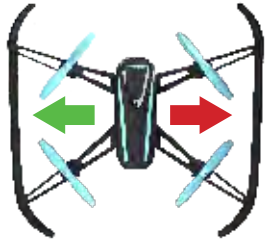




LEFT/RIGHT TRIM

Press the TRIMMER MODE BUTTON and adjust using the DIRECTION CONTROL STICK. If the drone drifts right when taking off, push left, or right if drone drifts to the left.





LEFT OR RIGHT ROTATION TRIM

Press the TRIMMER MODE BUTTON and adjust using the THROTTLE/RUDDER STICK. If the drone rotates right when taking off, push left, or right if drone rotates to the left.





FUNCTIONS INTRODUCTION

TAKE OFF/ONE BUTTON TAKE OFF/LANDING MODES

1. **Method 1** (Take Off): After successful frequency pairing, push the Left Stick and Right Stick as shown in Picture 21 to start the motors and then release. Then push up the Left Stick to fly up the drone to desired altitude and then release the stick.

2. **Method 2** (One Button Take Off): After successful frequency pairing or motors activated, press the Take Off / Landing / Emergency Stop Button (Picture 25). The drone will fly up automatically and keep flying at an altitude of approximately 4 meters.



PICTURE 25

LANDING METHODS

1. **Method 1** (Landing): When flying, push the Left Stick all the way down to the lowest position (Picture 22) and hold it until the motors stop and the drone will slowly land on the ground.

2. **Method 2** (One Button Landing): When flying, press the Take Off / Landing / Emergency Stop Button once (Picture 25), and the drone will land on the ground automatically. (When using this function, do not touch the left stick. Moving the left stick will cancel the auto landing)

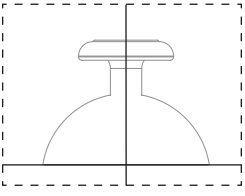
Emergency Stop: When the drone is in an emergency situation or you need to land the drone, press the Take Off / Landing / Emergency Stop Button immediately and hold it for more than 1 second (Picture 25). The propellers will stop immediately and the drone will drop down to the ground.

NOTE: Do not use the Emergency Stop function unless in an emergency situation. The drone will fall down suddenly after all propellers stop.

ALTITUDE HOLD MODE

Altitude hold mode indicates that the drone maintains a consistent altitude while allowing roll, pitch, and yaw to be controlled normally. It makes it easier to control the drone for beginners and more stable for aerial photography.

Push the THROTTLE/RUDDER STICK up/down to fly the drone up/down at certain altitude and then release the Stick. The Stick will return to the center position (Altitude Hold Center) as shown in Picture 26. And the drone will keep flying at current altitude. Repeat above steps if you want to change the drone altitude (Default mode).



PICTURE 26

Note: The Altitude Holding Mode cannot be used when the blades are accidentally deformed or damaged.

HIGH/MEDIUM/LOW SPEED MODE SWITCH

Press on the button once to hear ONE BEEP which means Low Speed Mode "L". Press the button a second time and you will hear TWO BEEPS which means it's on Medium Speed Mode "M". Press the button a third time to hear THREE BEEPS which means it's on High Speed Mode "H".

Low Speed Mode (Mode 1)
1. Low Speed Mode is suitable for beginners

Medium Speed Mode (Mode 2)
2. Medium Speed Mode is suitable for skillful pilots and for use in a gentle breeze.

High Speed Mode (Mode 3)
3. High Speed Mode is suitable for experts and aerial stunts outdoors.



PICTURE 27

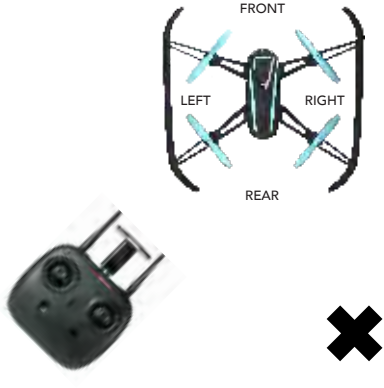
HEADING HOLD MODE (HEADLESS MODE)

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.

Prerequisite: Position the drone in such a way that its front is your front (see Picture 28).
Tip: Do not change the orientation of the transmitter (see Picture 29) after entering headless mode.



PICTURE 28



PICTURE 29

HEADING HOLD MODE (HEADLESS MODE) CONT.

Press down Heading Hold mode button, the drone's left and right LED will start flashing alternately, it shows the drone enters Heading Hold mode, press the button again, then the LED gets solid and the drone exits from Heading Hold mode.



PICTURE 30

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 is going to fly out of the max remote control distance, the transmitter will double beep continuously to alarm the user to fly the drone back immediately. Otherwise the drone may lose control and fly away.

MOTORS STUCK PROTECTION

1. When the propellers get stuck, then the drone LED will flash quickly and activate stuck protection function and the motors stop running.

2. Pull down the left stick to the lowest position, the drone LED will get a solid light and stuck protection will be released and the drone can fly again.

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:
2. iOS system: please search Flyingsee in APP Store.
3. Android system: please search Flyingsee in 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.



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

1. HOME PAGE ICONS

Explore UDIRC Drone

Learn the operation of Drone

Remote control interface

Help

Media

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: When you click on this icon, it will turn 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 will turn white.

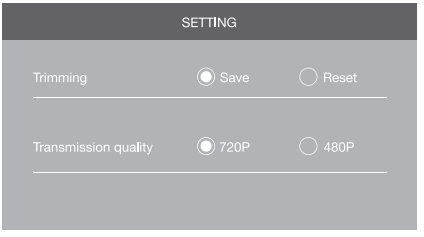
EMERGENCY

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 tilts to the left / right, the Right Ball will move accordingly, causing the drone to fly left / right.





If the mobile phone tilts 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 imbalanced after crashing during the flight, and cannot 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

STARTING THE DRONE

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.

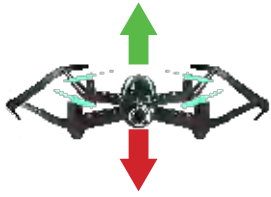


5. APP FLYING CONTROL CONTINUED...

HOVER UP AND 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.





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.

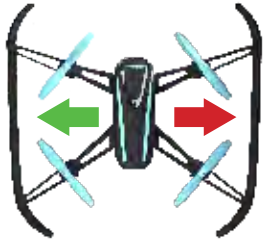




FLY LEFT OR RIGHT

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.

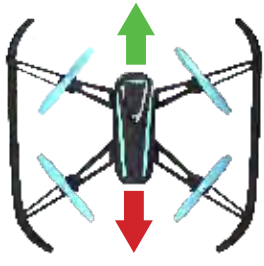




FLY FORWARD OR BACKWARD

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



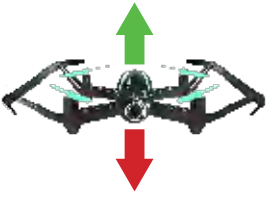


6. APP TRIMMING ADJUSTMENTS

FORWARD/BACKWARD TRIM

Click the "-" of the Forward / Backward Trimmer to adjust the drone until balance of the drone tilts forward. Click the "+" to adjust the drone until balance of the drone tilts backward.

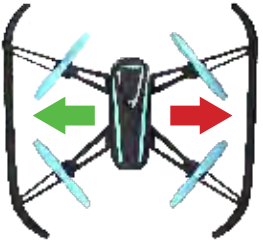




LEFT/RIGHT TRIM

Click the "+" of the Left / Right Flying Trimmer until balance of the drone tilts to the left. Click the "-" to adjust the drone until balance of the drone tilts to the right.

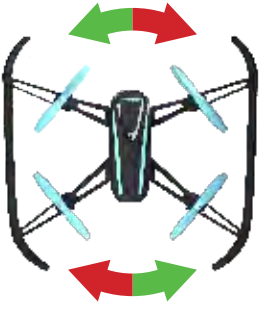




LEFT OR RIGHT ROTATION TRIM

Click the "+" of the Left / Right Rudder Trimmer until balance of the drone rotates left. Click the "-" to adjust the drone until balance of the drone rotates right.





NOTE:

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

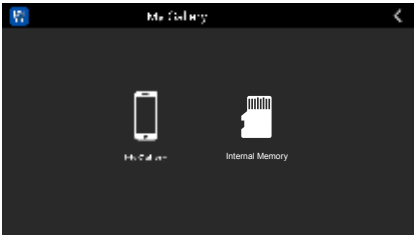
7. MEDIA



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.

8. TO TAKE A PHOTO AND RECORD A VIDEO

1. Insert the SD card to the slot in accordance with Picture 28. Make sure the metal side of the card faces up as shown in the picture.
2. The aerial photo will be saved in your mobile phone and the SD card, while the video will only be saved in the memory card. You can download the video to the mobile phone only when the mobile phone is connecting with the drone WiFi and the memory card.

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



PICTURE 28

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".

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.

TROUBLESHOOTING GUIDE

No.	Problem	Problem Cause	Solution
1	The transmitter indicator light is off.	1. Low battery. 2. The battery positive pole and negative pole are in reverse order. 3. Poor contact.	1. Replace the transmitter battery. 2. Install the battery in accordance with the user manual 3. Clean the dirt between the battery and the battery slice.
2	Fail to pair the drone with transmitter.	1. The indicator light is off. 2. There is interfering signal nearby. 3. Misoperation 4. The electronic component is damaged from frequent crashes.	1. The same as above 1. 2. 3. 2. Restart the drone and power on the transmitter. 3. Operate the drone step by step in accordance with the user manual. 4. Buy spare parts from force1rc.com and replace damage parts.
3	The drone is underpowered or cannot fly.	1. The propeller deformed seriously. 2. Low battery. 3. Incorrect installation of propeller.	1. Replace the propeller. 2. Recharge the drone battery. 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. 2. The propeller deformed seriously. 3. The motor holder deformed. 4. The gyro did not reset after violent crash. 5. The motor is damaged.	1. Refer to 7.3 calibration instruction. 2. Replace the propeller. 3. Replace the motor holder. 4. Put the drone on the flat ground for about 10s or restart the drone to calibrate again 5. Replace motor.
5	The drone indicator light is off.	1. Low battery. 2. The battery is expired or over discharge protection 3. Poor contact.	1. Recharge the drone battery. 2. Buy a new battery from force1rc.com to replace the battery. 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. 2. There is interfering signal nearby. 3. Damaged camera.	1. Check the wire and connect well. 2. Cut off the wire and reconnect. 3. Buy a new camera box from force1rc.com.

For technical support, contact support@force1rc.com

SPARE PARTS

			
Upper Cover 0001	Main Frame 0002	A Propeller 0003	B Propeller 0004
			
Left Propeller Guard 0005	Right Propeller Guard 0006	Battery Upper Holder 0007	Battery Lower Holder 0008
			
Camera Head Cover 0009	Cushion 0010	Right Front LED Hood 0011	Right Rear LED Hood 0012
			
Left Front LED Hood 0013	Left Rear LED Hood 0014	Lens 0015	Clockwise Motor 0016
			
Counter-Clockwise Motor 0017	Receiver Board 0018	Camera Board 0019	Front LED Board 0020

SPARE PARTS

			
Rear LED Board 0021	Drone Battery 0022	USB Cable 0023	SD Card 0024
			
SD Card Reader 0025	Wrench 0026	Hex Wrench 0027	Screwdriver 0028
			
Transmitter 0029			

60-DAY LIMITED WARRANTY

LIMITED 60-DAY WARRANTY

FORCE1 RC warrants to the original consumer that this product is free from any electrical or mechanical defects for a period of 60 DAYS from the date of purchase. If any such defect is discovered within the warranty period, FORCE1 RC will repair or replace the unit free of charge upon receipt of the unit, shipped postage prepaid and insured to our warranty center. The warranty covers normal consumer use and does not cover damage that occurs in shipment or failure that results from alterations, accident, misuse, abuse, neglect, wear and tear, inadequate maintenance, commercial use or unreasonable use of the unit. Removal of any parts/components voids all warranties. This warranty does not cover costs of repairs made or attempted outside by third-party individuals or companies. Any applicable implied warranties, including warranties of merchantability and fitness, are hereby limited to 60 DAYS from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. Some states do not allow limitations on the duration of implied warranties and do not allow exclusion of incidental or consequential damages, so the above limitations and exclusions in these instances may not apply.

REPAIR/REPLACE PRODUCT

If your product begins to malfunction or stop working, immediately call or email our warranty center at the phone/email listed below. If it is determined that a return is necessary, our warranty department will issue you an RMA number/form and an address to the nearest return center for shipping the product to. IMPORTANT NOTICE: We will reject all returns that are not accompanied by an issued RMA form and number so make sure to contact our warranty center before attempting to return your product!

PREPARATION FOR SHIPPING YOUR PRODUCT

Please repack your product in a durable box, preferably in the original carton, and send it prepaid, and adequately insured. Include the RMA form that was issued by our warranty department along with your daytime telephone number and email address (if available) inside the shipping carton. If your warranty has expired, contact our warranty center for charged service. For further information please send all inquiries to support@force1rc.com

IMPORTANT NOTICE!

DO NOT ATTEMPT TO SHIP YOUR PRODUCT BACK
WITHOUT FIRST CONTACTING OUR WARRANTY DEPARTMENT AT:

FORCE1RC
CUSTOMER SERVICE
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 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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