

Drone-Clone Xperts®

INSTRUCTIONS GUIDE for your New

QuadAir Drone EXTREME™

(If Instructions are too small to read, press Ctrl + on Keyboard to ZOOM IN)

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NOTE:

[*NECESSARY INSTRUCTIONS for OPTIMAL CONTROL Fine-Tuning \(“Trimming”\) your drone](#) (refer to PAGE 6)

Quick Start Instructions

QUICK START INSTRUCTION

PREPARING FOR FLIGHT



1. Pull out all four arms carefully. Turn on the drone and place it on a flat level surface.



2. Power switch on of the controller.

ONE-KEY TAKE OFF/LANDING



1. Push the left throttle up and pull it back for code matching. Push both sticks 45 degrees towards outside for calibration.

TIP: For a more stable flight, it is best to calibrate before taking off.



2. Press the **ONE-KEY TAKE OFF** button, the drone will take off and automatically hovers at a certain altitude.

3. Press the **ONE-KEY LANDING** button, the drone will fly down slowly landing gently on the ground.

Calibrating Drone-Clone Xperts **QuadAir EXTREME**: Step by step guide





Sometimes after minor crashes, drones start to fly abnormally even if there are no physical damages (like faulty propellers). Performing gyro-calibration can solve sideward flying or other flight disorders, but most times this means the drone just needs to be "TRIMMED" aka "fine-tuned" (*learn about trimming on pg6*).

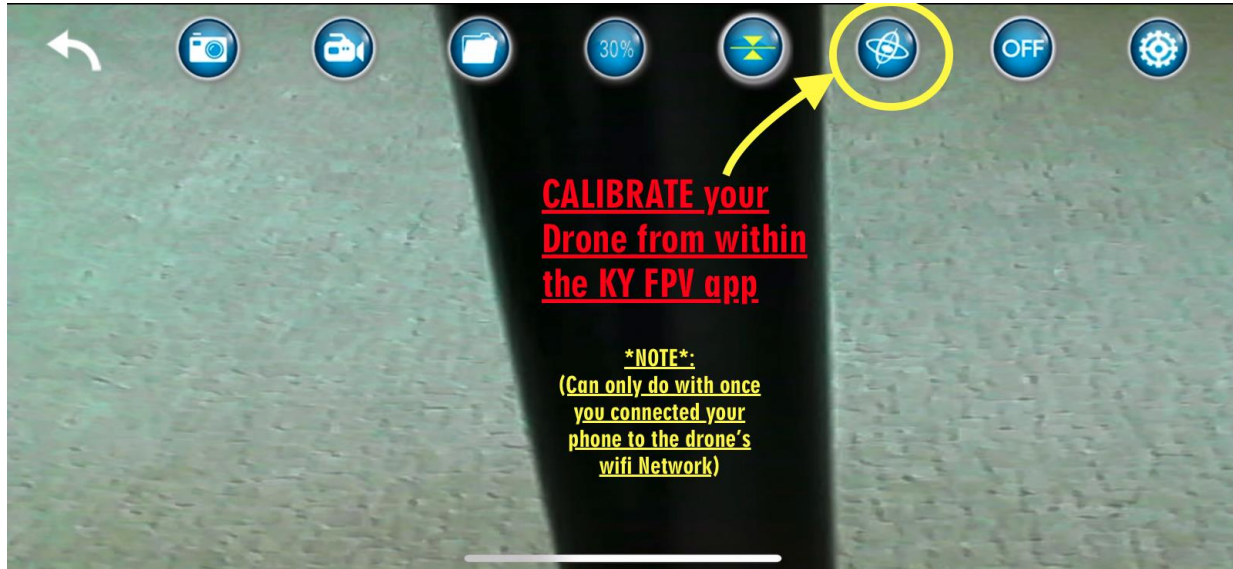
You can reset the **QuadAir EXTREME's** gyro settings in two different ways, either using the remote control or through the KY FPV phone APP (available to download on virtually all smartphones in all app stores).

Calibrating the QuadAir **EXTREME** by remote control



- **Step 1:** Turn on the remote controller; .**Step 2:** Turn on your Drone by holding the power button located on the top side of the drone.
 - **Step 3:** Place the drone on a horizontal surface.
 - **Step 4:** Bind the transmitter with the drone by pushing the throttle (left joystick) up to the highest position, and then pulling it straight down to lowest position   Solid light will indicate successful bind.
 - **Final Step:** Move both sticks to lowest right corner (like in the image above). LED lights will start to flash rapidly. Wait a few seconds till the lights are solid again and you are done.
-

Calibrating the QuadAir **EXTREME** by phone APP



Calibrating the **QuadAir EXTREME** through the KY FPV App is even easier. After you connected your phone to the Drone's built-in WiFi Network. You can open the KY FPV App, press START, and proceed to select the "Gyro Calibrate" icon. You'll notice your drone's LED lights will start to flash rapidly, then turn solid. You're now finished with set-up & ready for flight!

****Fine-Tuning (“Trimming”) your QuadAir EXTREME****

Video Link to Download Trimming Instructions for our other AIR drone model, but they both use the same stabilizing mechanism, so pay close attention: [QuadAir Instruction Video Trimming/Fine-Tuning & 1 Key Take off/Landing](#) (click link to play video)



This section is starred because the absolute **BEST Tip** for Beginner Drone Pilots is learning how to fine-tune their drone by using the “TRIM” buttons. These buttons will give you optimal control of your QuadAir EXTREME. When used correctly, your drone will steadily hover in one location without drifting.

If your drone starts drifting in a certain direction directly after take-off **DON'T PANIC!** Everything is **COMPLETELY NORMAL**. All you have to do is **TRIM** this drone in the opposite direction.

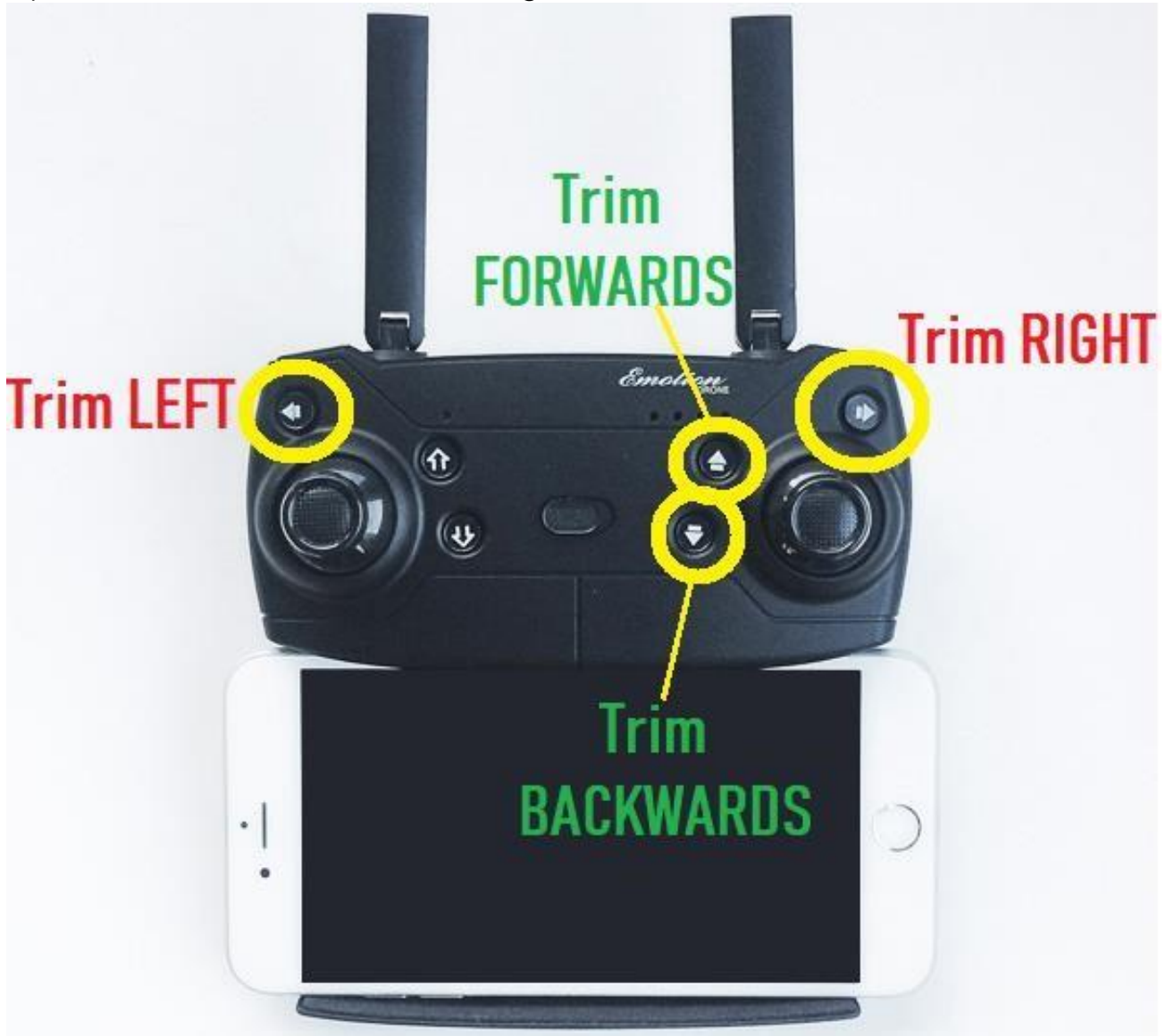
Trimming Examples

Q) After take-off, my drone DRIFTS TO THE RIGHT

A) Trim Drone to **LEFT** using **LEFT** Trim button

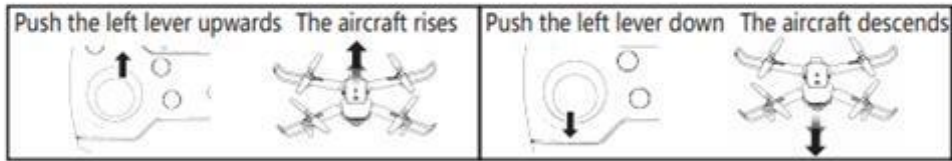
Q) After take-off, my drone DRIFTS FORWARDS

A) Trim Drone **BACKWARDS** using **DOWN** Trim button

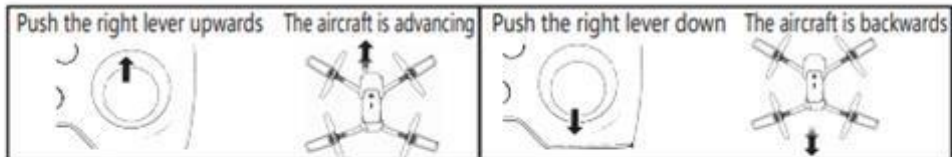


4、Flight control

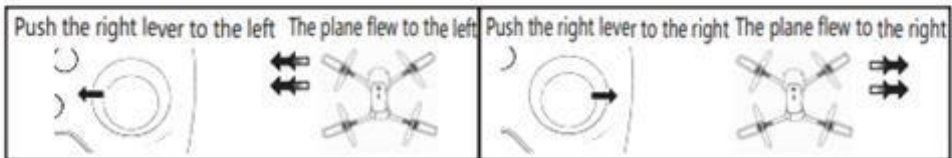
A.Throttle (left lever)



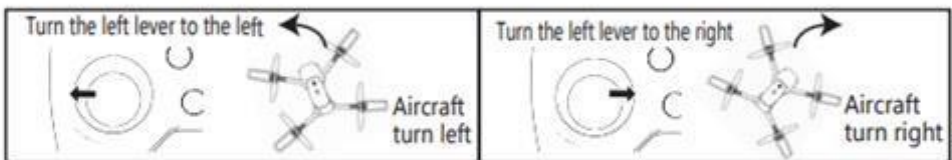
B.Forward and backward (right lever) (with camera front side)



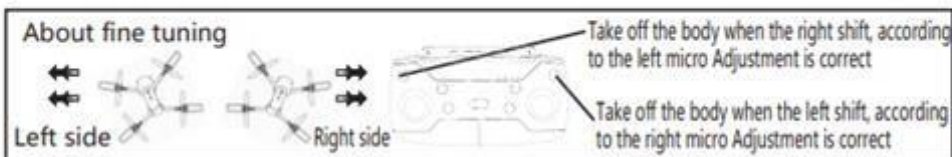
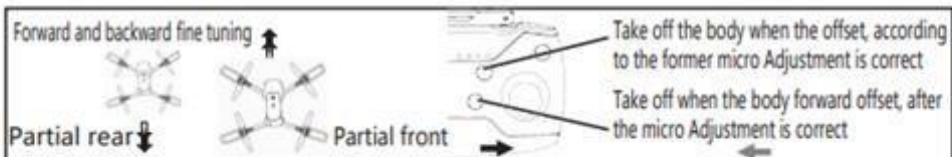
C.Left and right side fly



D.Turn left and right (with camera front side)



5、Fine-tuning control (with camera front side)



Phone App to Download is named **KY FPV**

APP Operating instructions

1. Install mobile client

Please scan the two-dimensional code to download APP.



IOS



Android

2. Add device Power the device, manually connect WIFI hotspot to “KY/HD/Du/*****”, no password.



Figure 1




Figure 2



Figure 3

3. Head interface SETTING, FAQ, START, Figure 1.

4. Operation mode Play the interface and the functions of each button, as shown in Figure 2.

5. Gesture recognition Open  icon of playback interface and gesture recognition function.

Gesture photo About 2 meters in front of the aircraft lens, the palm of one hand (palm forward) is raised flat on the side of the body; after the aircraft recognizes the gesture, it starts countdown for 3 seconds and takes pictures (at this time, the arm can be lowered). Fig. 4, Fig. 5.

(* The time difference between two consecutive identifications should be greater than 3 seconds.)

(* Some models do not support this function. Opening the function will cause picture delay.)

Gesture video About 2 meters in front of the camera, one hand clenches the fist (palm forward) and holds it flat on the side of the body; after the aircraft recognizes the gesture, it starts recording after countdown of 3 seconds (arm can be lowered at this time); when recognizing the fist gesture in the video, it ends the video. Figures 6 and 7.

(*No palm detection during video recording)



Fig. 4 (correct)



Fig. 5 (Not correct)

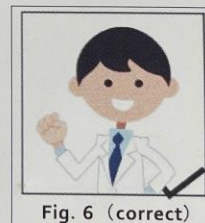


Fig. 6 (correct)

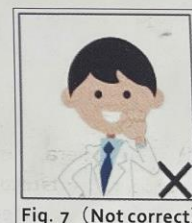





Fig. 7 (Not correct)



6. Music recording: click the  icon to enter the music library and select background music, and then click use to return to the control interface, where there is background music.


7. Manual focusing: press and hold the track ball on the left most side of the control interface, and slide to adjust the image focal length (1x-50x digital magnification).

1X: turn off focus adjustment, and the image is the default size. **50x:** 50 times the maximum focal length.

 : in the process of recording, you can manually adjust the focal length by sliding this key up and down.

8. Special effects Filters special effects: on the control interface, click  to enter the filter control interface.

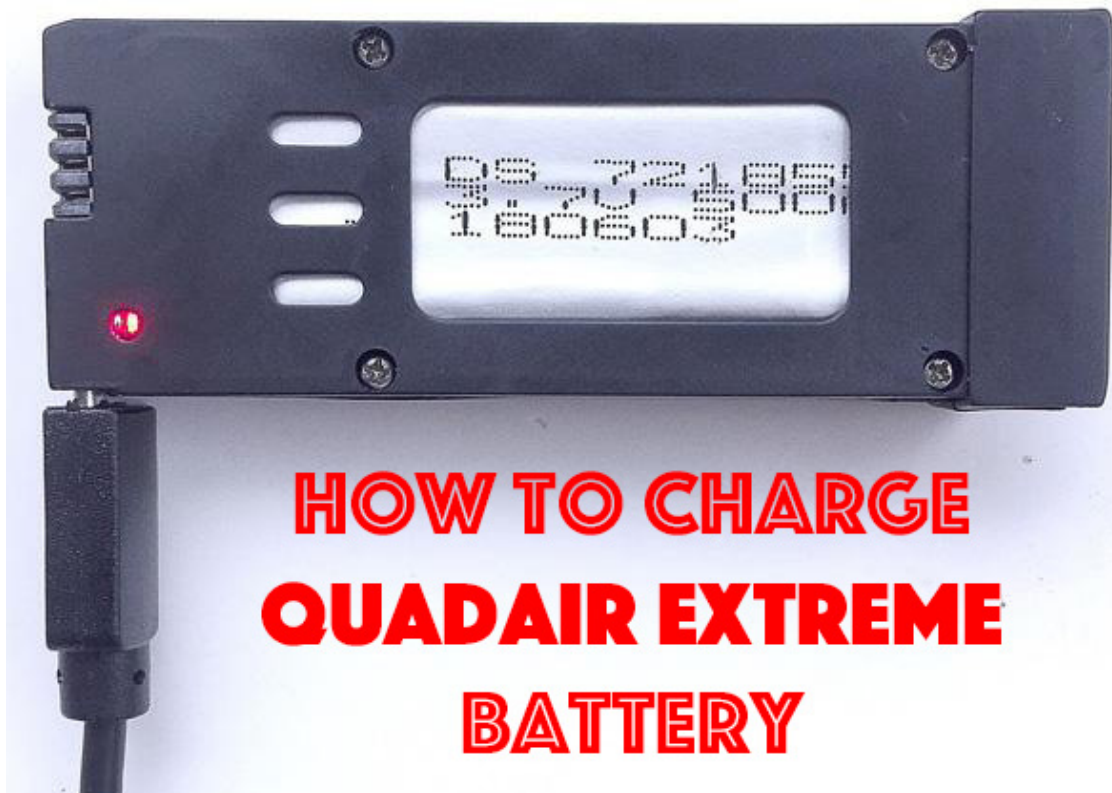
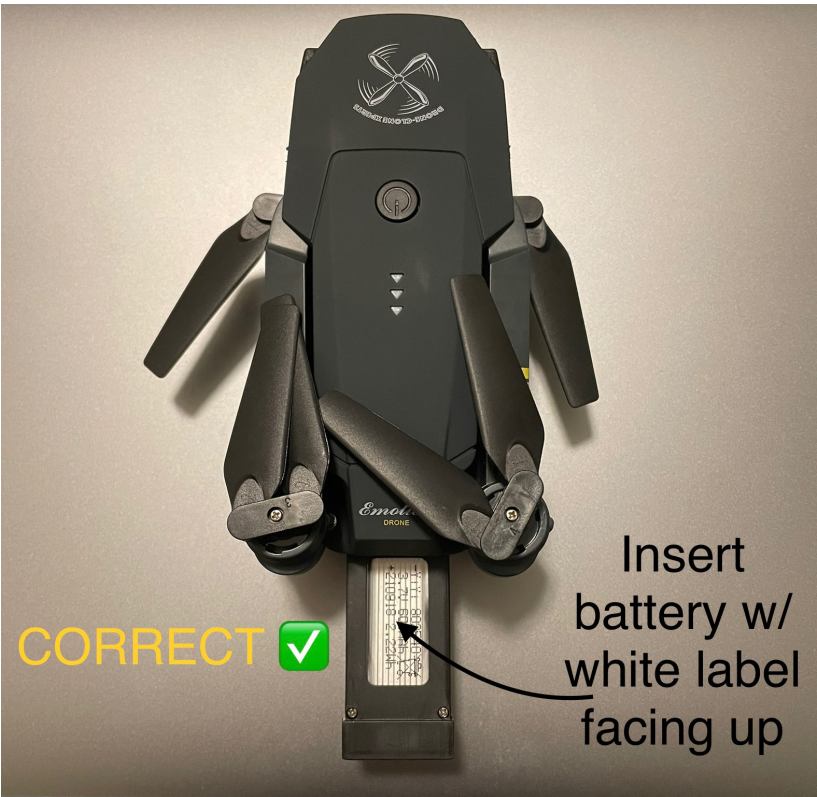
Click  again to display various filter options. After selecting the filter, click  to exit the filter option.

Click  to exit the filter and return to the main control interface.

Note: only one mobile app is allowed to connect to an aircraft at the same time!
(For detailed operation, please refer to the instructions in app)

IMPORTANT: How to Insert Batteries Correctly.

(Battery will get stuck if inserted upside-down)



Important safety information

- (1) The product is not a toy, but the mechanical, electronic, aerodynamics, high-frequency transmission and other professional knowledge into one of the fine Dense equipment, the need for proper assembly and commissioning to avoid accidents. The product holder must use a safe way. Operation control: improper operation, may cause serious personal injury or property damage. We are not responsible for this. Because we can not control the assembly, use, operation process.
- (2) This product is suitable for people with operating model experience, the age of not less than 14 years of age.
- (3) The flight site must be a local legal remote control model flight site.
- (4) Once the product is sold, we will not be responsible for any safety and safety arising from operation and use, control, etc.
- (5) If any using, operating and measuring problems, please contact with local distributors, for we have assigned those distributors to provide technical support and after sales service.

2. Safety Precautions:

- Remote control model aircraft is a high-risk goods, must be away from the crowd when flying. Artificial assembly or body damage, electronic control. Improper equipment, and operation are not familiar with, are likely to cause damage to the aircraft or personal injury and other unpredictable accidents. Please. Pilots must pay attention to safety, and need to understand due to their own negligence caused by accidental responsibility.
- (1) Away from obstacles and crowds
 - (2) The flight of the remote control flight has an uncertain flight speed and state, there is a potential risk. Fly away from the flight. People, high-rise buildings, high-voltage wires, etc., while avoiding wind and rain, thunderstorms and other bad weather flight to ensure that pilots. The surrounding population and the safety of the property.
 - (3) Safe operation
 - (4) Please operate the remote control aircraft according to your own status and flight skills. Fatigue, poor spirit or improper operation will increase. Probability of accidental risk.
 - (5) Keep away from heat
 - (6) When the propeller in the high-speed flight, the pilot, the surrounding crowd and objects away from the rotating parts, so as to avoid danger and damage.
 - (7) Remote control aircraft is composed of metal, fiber, plastic, electronic components and other materials, so as far as possible away from heat, to prevent day. Drying, to avoid deformation caused by high temperature or even damage.

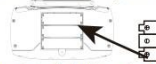
The plant is made of lithium polymer battery (LiPo)

Lithium batteries are different from the general battery, which consists of a thin layer of thin paper wrapped with its chemical endoplasm. This can be great. To reduce its weight, but it makes it more vulnerable in the face of rough or inappropriate operations. Like the same. There is a battery, as inappropriate operation will cause a fire explosion.

- Do not put the battery in the model for charging, which may cause the battery to fire and damage you of the aircraft.
- If you plan to use this product for one week or more, keep the battery 50% Increase the battery life. Keep the battery 50% of the battery, just use the battery when fully charged Half of the time to charge.
- Please use the original professional charger to charge the battery.
- Do not charge the carpet to prevent fire.
- Lithium battery in the storage for more than three months after the need to charge to maintain the voltage to ensure that it should have of life.

Remote control and aircraft battery installation and charging instructions

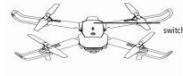
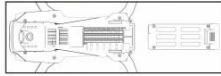
Remote control battery installation:



As shown in the figure according to the electrode box electrode instructions (+ / -) Place the battery correctly (as shown).

The aircraft battery is charged

1. Connect the USB cable to the computer to charge: USB charging end connected to the aircraft battery plug, the other end can be connected to the computer USB port to charge the battery, charging lights, full when the lights off.
2. Connecting the aircraft power supply: Put the charged battery into the battery holder of the aircraft, and then place the battery plug at the power supply on the vehicle into the socket for power connection, connected to open the aircraft power, then the aircraft lights.



Aircraft installation

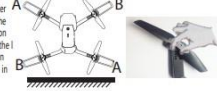
1. Folding function display

When folding, please fold the back Show arms, and then folded in front of the arm, Expand the opposite!



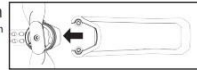
2. Aircraft fan installation

Please follow the correct direction to install the propeller, propeller on the sign. Installed to the upper left corner of the aircraft and the lower right corner of the arm, with the phase. With the propeller on the sign B mounted to the upper right corner of the aircraft and the lower left corner of the arm, the installation of the fan folder when the alignment of the cone assembly Square accessories, installed in place after the locking screw!

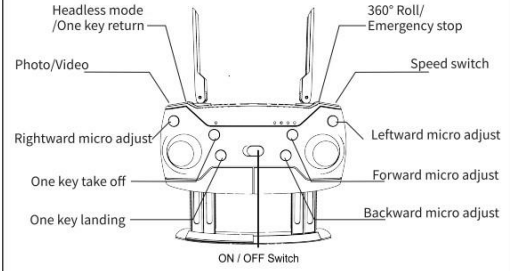


3. Aircraft protection rack installation

The protective frame at the aircraft arm position (pictured) Install fastening.



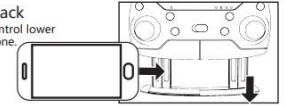
Remote control function name



Remote control

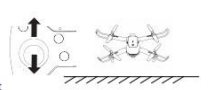
1. Mobile phone rack

Pull out the remote control lower bracket, clamp the phone.



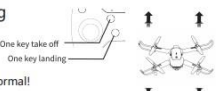
2. 2.4G frequency

Open the aircraft power switch, the aircraft indicator light flashes, then the aircraft in the flat Ground, then the aircraft indicator light flashes, open the remote control power. Source switch, the throttle joystick pushed to the highest after the pull to the lowest. Buzzer prompt "tick" sound! The aircraft indicator light is on, right Frequency to complete, then you can take off!

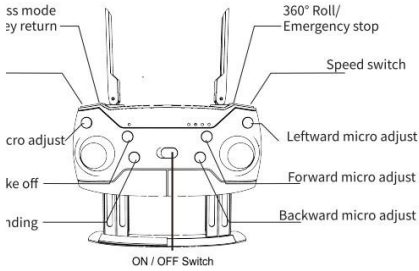


3. A key to start and a key landing

This product is determined by the barometer. In a variety of environmental temperature and other factors. The aircraft will automatically start when flying or low voltage. Appear high and low changes are normal!



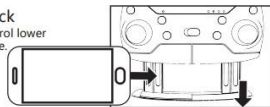
control function name



control

mobile phone rack

pull out the remote control lower bracket, clamp the phone.

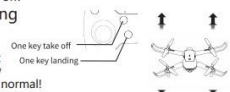


frequency

Open the aircraft power switch, the aircraft indicator light flashes, open the remote control power. Source switch, the throttle joystick pushed to the highest after the pull to the lowest. Buzzer prompt "tick" sound! The aircraft indicator light is on, right Frequency to complete, then you can take off!

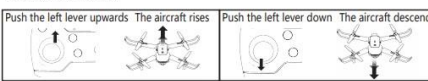
key to start and a key landing

This product is determined by the barometer. In a variety of environmental temperature and other factors. The aircraft will automatically start when flying or low voltage. Appear high and low changes are normal!

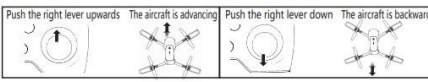


4. Flight control

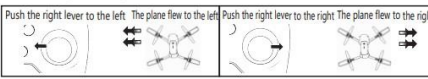
A. Throttle (left lever)



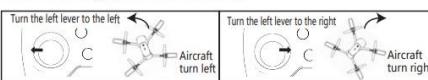
B. Forward and backward (right lever) (with camera front side)



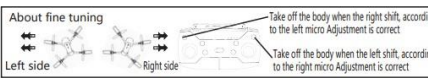
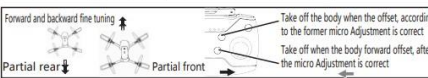
C. Left and right side fly



D. Turn left and right (with camera front side)

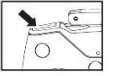


5. Fine-tuning control (with camera front side)

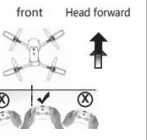


Directional definition and mode selection of headless mode

When converting to headless mode, the aircraft will give up its front and rear azimuths, and reposition the front and rear with the remote control as a reference point. Such as: when the right lever to push forward, the aircraft will fly away from the remote control; when the right lever to pull back, the aircraft will fly to the remote control. (With camera front side)



1. The direction of the aircraft before departure: the direction of the aircraft forward in front of you. (With the camera side for the front) remote control to the end of the direct flight and then press a key. Take off, that is, to complete the flight head mode direction definition.
2. When flying by the headless mode of the remote control issued a "flute, flute" twice, the aircraft lights Light flashing into the headless mode. And then press the remote control issued a "flute" sound Exit the headless mode.



A key return

Press a key return, the aircraft will give up their own front and rear left and right direction, automatically defined by the headless mode of backward direction of flight, when the control of the right lever when the stop this function

Speed selection

Speed file is to advance, back and left and right side of the flight is divided into third gear speed, the remote control is turned on by default when the slow power, press the remote control button issued a "flute" "flute" twice as midfielder. "flute" "flute" press three times for the fast file. "flute" "soon return to slow file. (Recommended beginners with slow operation)

The remote control controls the recording

Video, camera keys (and mobile phone APP on the video, take pictures of a key, when using the remote control to control the aircraft through the remote control on the video, like the camera can also start WIFI film video or camera) prompt: 1. WIFI aerial version of the phone after 20 seconds after the phone can find WIFI connection and remote control to start the video or take pictures 2. When there is no connection to the APP must be guaranteed WIFI flight card on the SD card storage space remote control camera on the camera button has a role.

QuadAir Drone EXTREME

Connect to Wifi Instructions

(click link to play video)



- 1) Turn Remote ON
- 2) Turn Drone ON
- 3) Open your phone's wifi settings
- 4) Find the Drone's Wifi Network (Name of network will look the same or similar to "KY720-29DD961E") See Video for more specific instructions.

QuadAir EXTREME

Quick Setup Instructions

(click link to play video)



Once you get the hang of this one, you'll be ready to move on up to our premier award winning [LIMITLESS 3 Drone](#). LIMITLESS 3 is equipped with:

- **OBSTACLE AVOIDANCE** allows you to fly worry-free! The new obstacle avoider uses a laser to scan whether there are obstacles in the drone's flight path and avoids them with ease. Say GOODBYE to accidents!
- **3-AXIS GIMBAL & EIS Anti-Shake Technology** is a professional combination providing ultra-smooth video that very few drones can compete with.
- **4K HDR CAMERA with SONY IMX179 Image Sensor** allows you to record crystal clear videos in 4K at 25 fps.
- **LONGER FLIGHT RANGE of 4,000 FT** allows you to maintain complete control while this amazing quadcopter explores from incredible distances
- **LONGER FLIGHT TIME of 26 Mins** gives you the time necessary to explore further and to capture incredible moments without having to constantly stop to change batteries
- **ENHANCED SD CARD READER (on-board)** allows users to further enhance image & video clarity and frees up storage on your smartphone