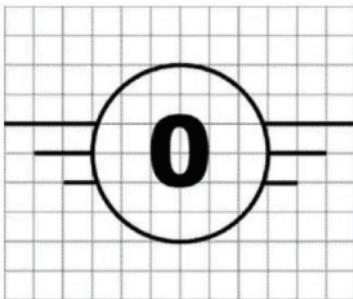


Basic Description of Drones

1. UA level:

The E99 drone belongs to the C0 level toy drones, which are usually designed for entertainment and leisure activities, suitable for beginners or young aviation enthusiasts.

Drones in the C0 category typically have basic flight functions and simple operating systems.



2. UA Mass and Maximum Takeoff Mass (MTOM):

The E99 is a lightweight remote-controlled folding aircraft with a takeoff weight of 92 grams.

3. Maximum flight speed and maximum flight altitude of drones:

The maximum flight speed is 4m/s and the maximum flight altitude is 50m.

4. The general characteristics of the payload, including mass dimensions, interface with UA, and other possible limitations:

The E99 drone does not have a payload function.

This means it cannot carry additional equipment or weight, such as cameras or other sensors.

Its design is mainly for the basic flight experience.

5. Remote control of UA devices and software control methods:

The E99 drone uses 2.4G frequency for remote control and supports operation through the WiFi App.

This control method provides flexible operating options, allowing users to choose to use traditional remote controls or control through applications on smart devices.

6. Description of UA's behavior when data link is lost:

The maximum height that the E99 drone can reach above the takeoff point is 50 meters.

Exceeding this altitude may cause the drone to lose control and descend, and the operator may not be able to control the drone during the descent process, which may result in the loss of the drone.

This safety feature reminds users to pay attention to altitude restrictions during flight to avoid flight risks.

7. Applicable age for drones:

This aircraft is only suitable for personnel aged 14 and above to operate.

8. Operational limitations and risks of drones:

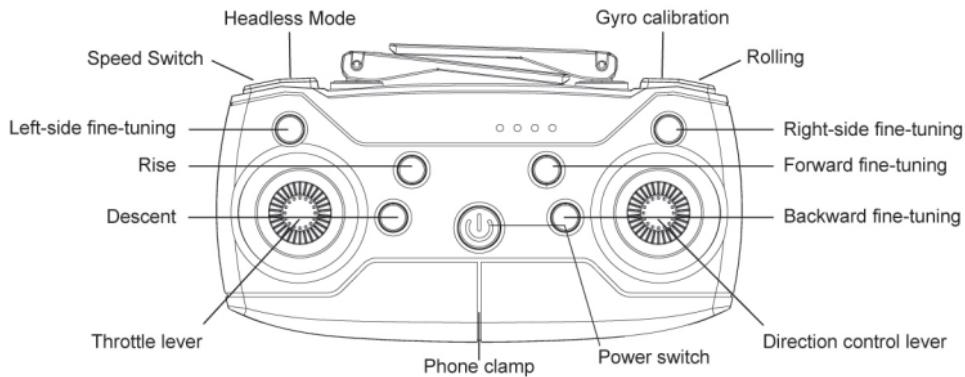
To ensure flight safety, please try to avoid areas such as airports, highways, train stations, subway stations, and densely populated urban areas when flying;

Do not use this aircraft in extreme weather conditions such as strong winds and thunderstorms. Fly within visible range at night.

9. Drone operation instructions:

Please refer to the detailed instructions in the manual for details. Please use this aircraft under the guidance of the manual.

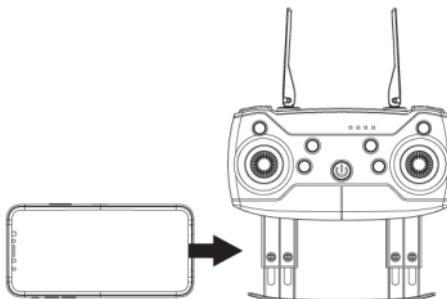
FOLDING DRONE USER MANUAL



Remote Control

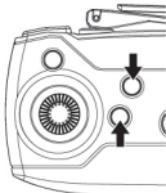
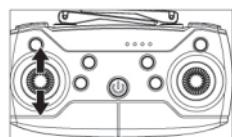
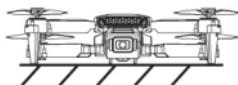
1. Mobile phone rack

Pull out the mobile phone handle and clamp the mobile phone.



2.2.4G frequency alignment

Turn on the power switch of the aircraft and place it on the flat ground with the indicator flashing. Then turn on the power switch of the remote control, push the power operating lever to the highest position for 1 second, and pull it to the lowest position with a sound of Di and a long-term on of the aircraft indicator, it means that the frequency matching is completed, and the flight can be started.



↑ One-button lifting



↓ One-button descent

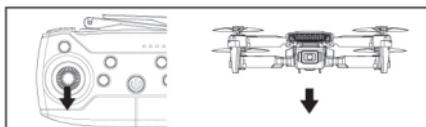
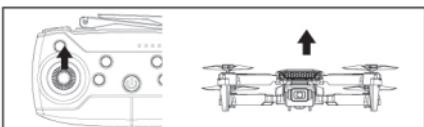
It must be operated after 2.4 G alignment is completed

3. One-button take-off and one-button landing

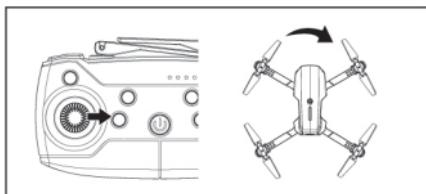
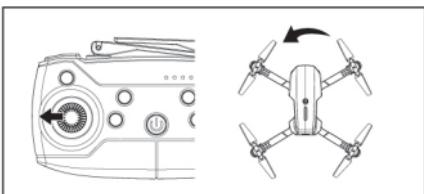
It is suggested that the height of this product is determined by barometer. Due to the influence of various environmental temperatures and other different factors, it is normal for the aircraft to change evenly at the beginning of flight or at low voltage.

5. Flight control

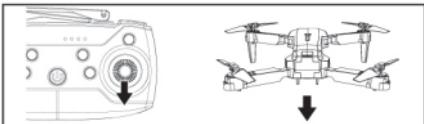
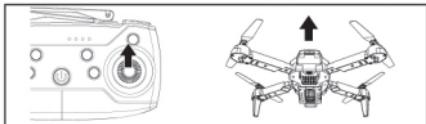
● Throttle (left rocker)



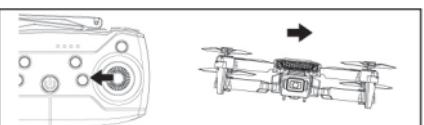
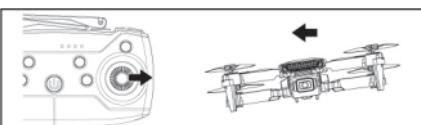
● Rotation (left rocker)



- Forward and backward (right rocker)

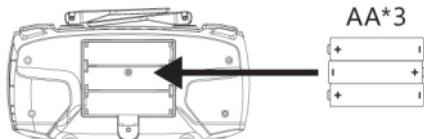


- Left and right side flight (right rocker)



Remote Control and Aircraft Battery Installation and Charging Instructions

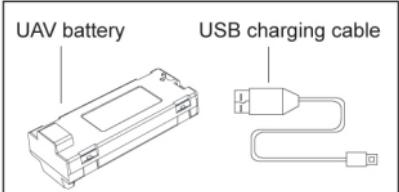
1. Remote control battery installation



Put the battery correctly according to the electrode instructions (+,-) of the battery box as shown.

2. Aircraft battery charging

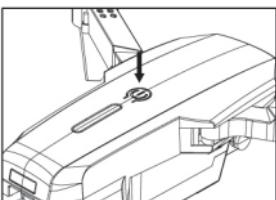
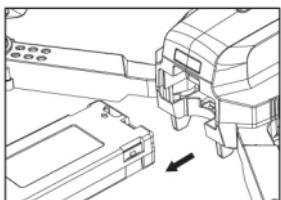
- (1) Remove the battery from the aircraft;
- (2) Connect the battery to the specific charging cable, and then insert the cable into the charging equipment such as the USB port of the computer;
- (3) When the remote control is charged, the indicator lights up while be off when charging completion;



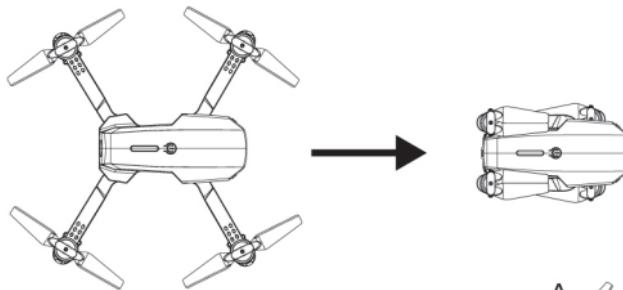
The charging time is about 60 minutes

3. Installation and startup of aircraft battery

Put the fully charged battery into the battery slot of the aircraft and hold down the power switch until the aircraft lights up.

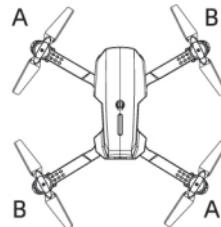


1. Folding function

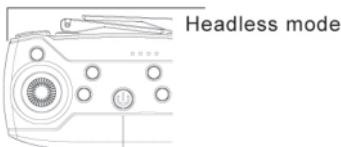


2. Installation of aircraft blades

Please install the propeller in the correct direction, and lock the screw after installing the support arm of the aircraft corresponding to the mark (A/B) on the propeller.



Direction Definition and Mode Selection of Headless Mode

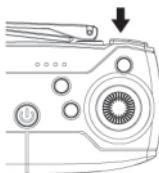


When switching to headless mode, the aircraft will give up its front, back, left and right directions, and take the nose direction (one side with camera) of the aircraft at 2.4 G frequency alignment as the forward direction.

1. Direction definition before take-off: Put the forward direction of the aircraft directly in front of you (there is a camera side, and then turn on the remote control for 2.4 G frequency alignment to complete the headless mode direction definition of this flight.
2. Press headless mode when flying, and the remote controller keeps making noise; The aircraft lights quickly flash and enter the headless mode; Press the headless mode key again, and the remote controller will make a "di" and "di" sound, that is, exit the headless mode.

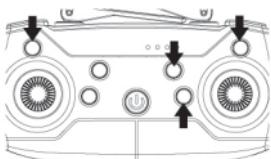
⚠ Note: Before entering into the headless mode, the forward direction must be determined, that is, the direction of the aircraft on the ground after startup.

Horizontal Calibration



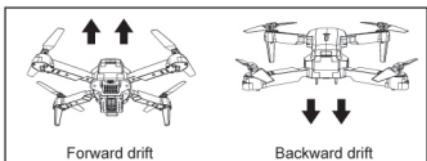
It can be done of the horizontal calibration if the aircraft cannot rise vertically during takeoff. It can be pressed the key of One Key Correction with the aircraft indicator quickly flashing, and after the indicator on means the correction is completed. When executing the correction command, it must be executed in a stable state parallel to the horizontal line, otherwise the correction effect will be affected.

Fine-tuning Operations

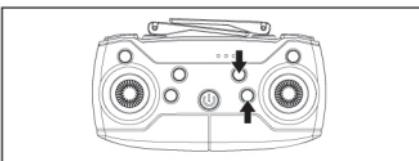


If the aircraft has been drifting in a certain direction or rotates left / right in place, the aircraft can be slightly adjusted through the following operations to make the aircraft reach a stable flight state.

- Drift all the way forward or backward

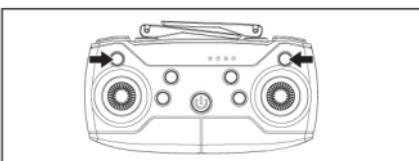
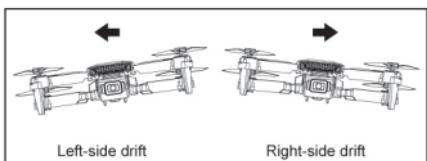


- Adjust the direction

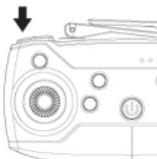


- Drift all the way to the left or right side

- Adjust the direction

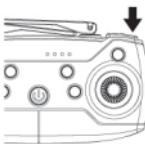


Speed Switch



The speed switch is divided three speeds for the flight of forward, backward and left & right side. It defaults to gear 1 after power on. And when press the remote control with two sounds of Di for the gear 2, three sounds of Di for the gear 3 and one sound of Di for returning to gear 1.

360° rolling



Implementation steps:

1. Press the 360° rolling button, and the remote controller will continue to send out "di" "di" "di".
2. Push the right rocker. At this time, the aircraft will carry out 360° rolling according to the pushing direction of the right rocker.

⚠ When the aircraft enters the low voltage state, the carry out 360° rolling function will be automatically prohibited.

Problem solving guidelines

Problem	Cause	Treatment mode
After the aircraft is connected with the battery, the indicator light flashes continuously, the operation is unresponsive.	Aircraft and remote controller 2.4 G frequency alignment was unsuccessful.	Please re-perform 2.4G alignment between aircraft and remote control.
There is no reaction after connecting the battery.	(1) Check whether the remote control or aircraft is powered on. (2) Check the remote control or aircraft battery for low voltage. (3) Whether the positive and negative plates of the battery are in poor contact.	(1) Reinstall the battery. (2) Charge or replace new batteries. (3) Confirm that the positive and negative polarities of the battery are installed correctly.
When pushing the throttle remote lever, the motor does not rotate, and the indicator light of the aircraft flashes all the time.	Aircraft battery is low.	Charge the battery or replace a fully charged battery.
The propeller of the aircraft keeps rotating but cannot take off.	(1) Propeller deformation. (2) Aircraft battery power is insufficient.	(1) Replace the spiral propeller. (2) Charge the battery or replace a fully charged battery.
The aircraft vibrates badly.	Propeller deformation.	Change propeller.
The aircraft always drifts in one direction.	The center point of gyroscope on aircraft is wrong.	Re-calibrate horizontally or reboot, Re-alignment.
The aircraft lost its balance after falling.	The center point of gyroscope on aircraft is wrong.	Re-calibrate horizontally or reboot, Re-alignment.

Note: the batteries of newly purchased products are low voltage, please fill the battery before use!

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- - Reorient or relocate the receiving antenna.
- - Increase the separation between the equipment and receiver.
- - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- - Consult the dealer or an experienced radio/TV technician for help.

This 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.

RF Exposure Statement (Aircraft):

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement (Remote Control):

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

APP 操作手册

手机 APP 下载安装

苹果系统 (IOS) 用户请到 “APP store” 搜索 RC FPV 或扫描下面二维码下载。

安卓系统 (Android) 用户请到 360 手机助手搜索 RC FPV 或扫描下面二维码下载。

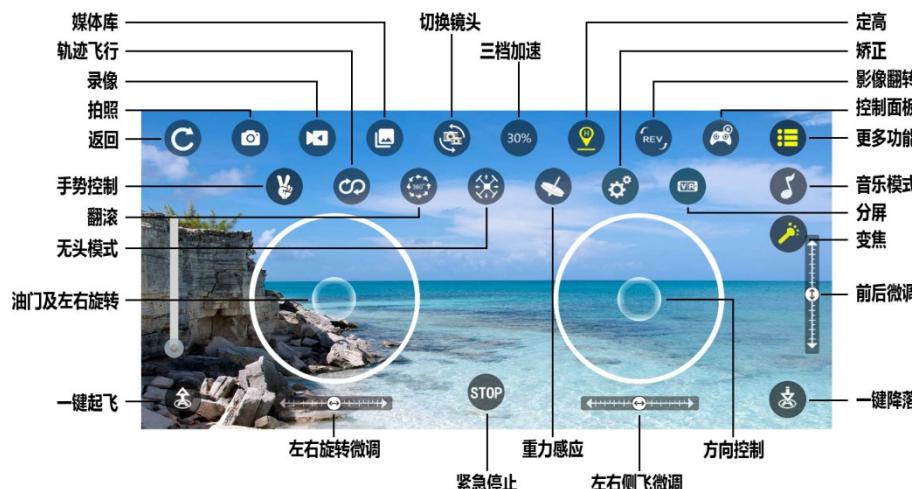


连接设置:

1. 连接模块电源，指示灯开始闪烁，代表正在等待连接手机。
2. 打开手机设置选项，启动 WIFI，在 WIFI 搜索列表中查找 “WIFI_ XXX”，点击连接，直到出现已连接，代表连接成功。
3. 打开软件，点击 “START” 图标即进入实时图传界面。



RC FPV 功能说明



App operation manual

Download and install mobile App

1. Search "RC FPV" in "app store" or "Google play" to download and install.
2. Scan the QR code below to download and install.



Connection settings:

1. Connect the power supply of the module, and the indicator light starts to flash, which indicates that the mobile phone is waiting to be connected.
2. Open the mobile phone settings option, start WiFi, and search "WiFi_ ***" in the search list , click Connect until connected appears, which means the connection is successful.
3. Open the software and click the "Start" icon to enter the real-time image transmission interface.



RC FPV Function description

