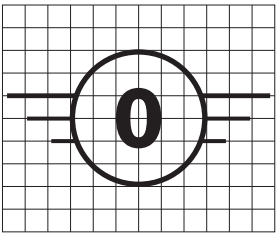
V1.0

Basic Description of Drones

1. UA level:

The E88&E99&E88KB&E99KB 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 E88&E99&E88KB&E99KB is a lightweight remote-controlled folding aircraft with a takeoff weight of 95 grams.

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

The maximum flight speed is 8.5m/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 E88&E99&E88KB&E99KB 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.

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

The E88&E99&E88KB&E99KB 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 E88&E99&E88KB&E99KB 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 E88&E99&E88KB&E99KB 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 8 and above to operate.

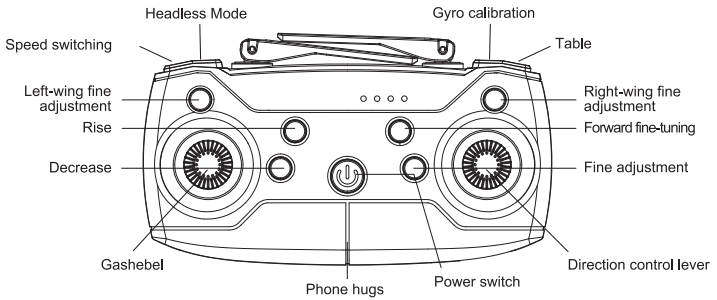
8. Operational limitations and risks of drones:

To ensure flight safety, please try to avoid areas such as airports and highways as much as possible,When flying from train stations, subway stations, and densely populated urban areas;Please do not use this aircraft during thunderstorms in extreme weather conditions such as strong winds.
Night flying is prohibited.

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.

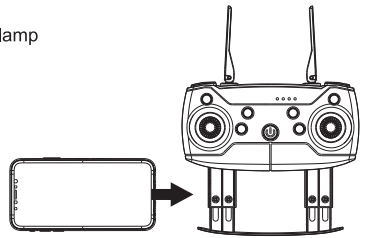
Foldable Drone User Manual



Remote control

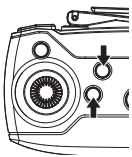
1. Mobile phone stand

Pull the phone clip outwards and clamp the phone firmly.



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

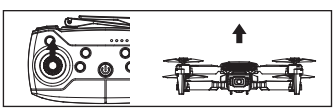
It must be operated after 2.4 G alignment is completed

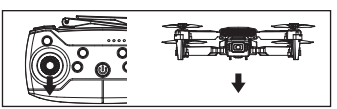
3.One-button take-off and one-button landing

One click takeoff function, using the remote control to press one click takeoff, the drone will automatically fly to a height of 1 meter and stabilize the drone. One click landing function, using the drone to land with one click, the drone will automatically descend and the propeller will stop rotating after landing.

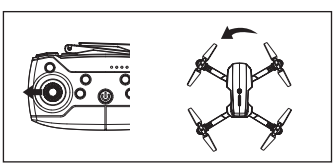
5.Flight control

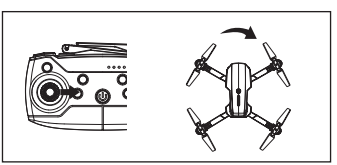
● Throttle (left rocker)



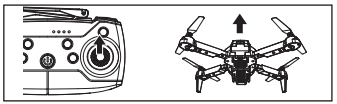


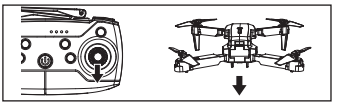
● Rotation (left rocker)



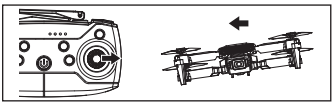


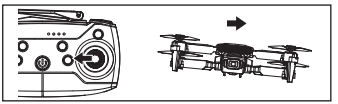
● Forward and backward (swinging to the right)





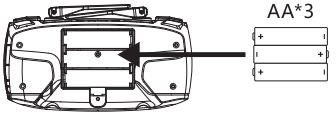
● Fly left and right side (right joystick)





Installation and charging instructions for remote control and aircraft batteries

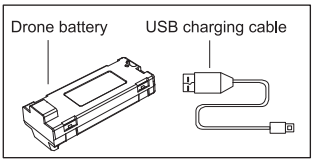
1.Installation of battery with remote control



Place the battery on the battery box according to the electrode instructions(+,-), as shown in the figure.

2.Charging aircraft batteries

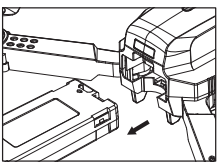
(1) Remove the aircraft battery from the aircraft body;
(2) Connect the battery to a special charging cable, then plug the charging cable into a charger such as a computer USB port;
(3) When charging, the red light is on, and when fully charged, the red light is off;

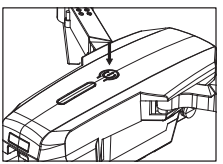


Charging time is about 60 minutes

3.Installation and commissioning of aircraft batteries

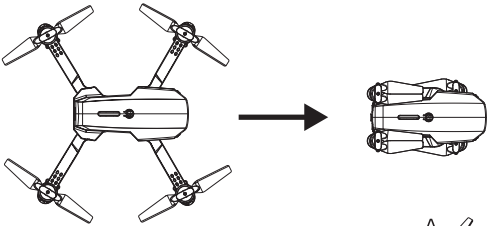
Install the fully charged battery into the aircraft battery compartment and press and hold the power switch until the aircraft lights light up.





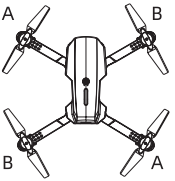
Aircraft installations

1.Fold function

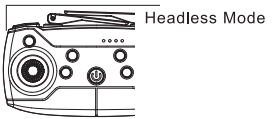


2. Installation of aircraft blades

Please install the propeller in the correct direction and tighten the screws after installation according to the marking (A/B) on the support arm and propeller of the aircraft.



Direction definition and mode Selection of headless mode



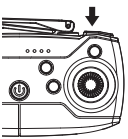
When switching to headless mode, the aircraft leaves its forward, backward, left and right directions and uses the nose direction of the aircraft (facing the camera) as the forward direction at 2.4G frequency.

1.Pre-take direction definition: Place the forward direction of the aircraft in front of you (with a camera on one side), then open the 2.4G frequency synchronization remote control to complete the headless mode direction definition for this flight.

2.During the flight, press the headless mode button, the remote control will continue to sound, and the aircraft lights will flash quickly to enter headless mode; Press the Headless Mode button again and the remote will sound a "beep" or "beep" to exit Headless Mode.

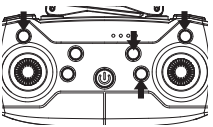
⚠ **Reminder:** Before entering headless mode, the feed direction must be determined, i.e. the direction in which the aircraft is on the ground after take-off.

Horizontal calibration



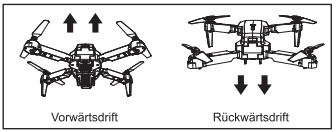
If the drone cannot ascend vertically during launch, it can be corrected by pressing the "One Key Correction" button. At this time, the drone light flashes quickly and as soon as the indicator light lights up, the correction is complete. When executing the correction command, it must be executed in a stable state parallel to the horizontal line, otherwise the correction effect will be affected.

Fine-tuning operations

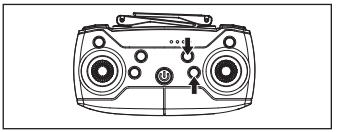


If the aircraft continues to drift in a certain direction or rotate left/right, the following operations can be used to make minor adjustments to the aircraft to achieve a stable state.

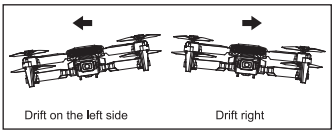
● Drifts continuously forward or backward



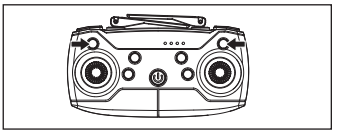
● Adjust direction



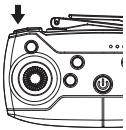
● Drifts continuously left or right



● Adjust direction

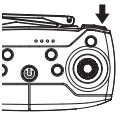


Fast and slow gear selection



The speed range is divided into three speeds: forward, reverse, left and right. When the remote control is on, it is set to the first speed by default. Pressing the remote control outputs two "beeps" and "beeps" to indicate the second speed, three "beeps" and "beeps" to indicate the third speed, and a "beep" to return to the first speed.

360° roll



Implementation steps:

1. Press the 360° scroll button once and the remote will continue to send "drip", "drip" and "drip".
2.Press the right joystick, and the plane rolls 360° according to the direction of the right joystick

⚠ Automatic locking of the 360° roll function when the aircraft enters a low voltage state.

Guidelines for problem solving

Problem	Reason	Handling method
The indicator light continues to flash after the aircraft is connected to the battery and there is no reaction during operation.	The 2.4G frequency synchronization between the aircraft and the remote control was not successful.	Please perform the 2.4G frequency alignment between the aircraft and the remote control again.
No reaction after connecting the battery.	(1) Check that the remote control or aircraft is switched on. (2) Check for low voltage on the remote control or aircraft battery. (3) There is poor contact between the positive and negative electrode plates of the battery.	(1) Reinstall the battery. 2) Charge or replace with a new battery. (3) Confirm that the positive and negative polarity of the battery is installed correctly.
When the accelerator lever is pressed, the engine does not rotate and the aircraft indicator light continues to flash.	Battery low.	Charge or replace the battery with a fully charged one.
The aircraft propeller continues to spin, but cannot take off.	(1) Propeller deformation. (2) Battery low.	(1) Replace Spiral Award. 2) Charge or replace the battery with a fully charged one.
The plane's vibrations are very strong.	Propeller deformation.	Replace the propeller.
The plane always drifts in one direction.	The center of the gyroscope on the plane is wrong.	Perform the horizontal calibration again or restart and realign the frequency.
The avión perdió el equibrio después de caer y no pudo equilibrar.	The center of the gyroscope on the plane is wrong.	Perform the horizontal calibration again or restart and realign the frequency.

Attention: Newly purchased products have low voltage batteries. Please charge the batteries completely before use!

EASA
European Union Aviation Safety Agency

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TOY

This drone is an aircraft.
Aviation law applies.

As a drone pilot, youare responsible for fling your drone safely.

Before fluing,as a drone pilot,you must read and follow the manufacturer’ s instructiins

Check where you are allowed to fly

www.easa.europa.eu/drones/NAA

Offences are punishable by law.

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TOY

DO

Make sure you are adequately insured

Check for no-fly zones and any limitations in the area where you want to fly

Keep the drone in sight at all times

Maintain a safe distance between the drone and people,animals and other aircraft

Infor, your national aviation authority immediately if your drone is involved in an accident that results in a serious or fatal injury to a person,or that affects a manned aircraft

Operate your drone within the limits defined in the manufacturer' sinstructions

DO NOT

Do not fly over large group of people

Do not fly higher than 120m from the ground

Do not fly near aircragt & in the proximity of airports, helipads or where an emergency response effort is ongoing

Respect other people' s privacy

Do not use the drone to carry dangerous goods or to drop material

Do not modify your drone. Only software uploads recommended by the drone manufacturer are allowed

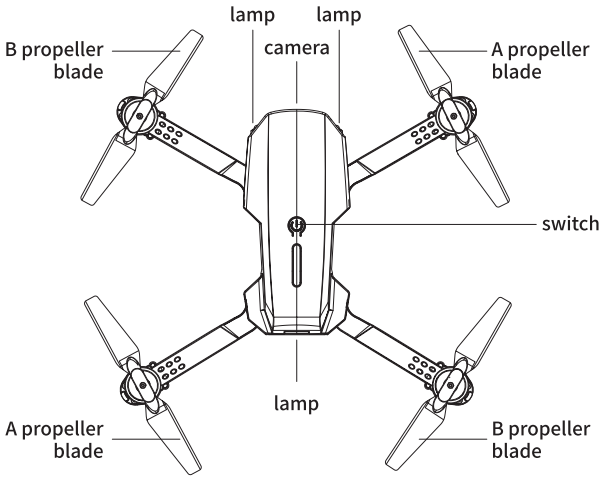
1. Battery(ZN851740)，weight:19.5g
2. Propeller weight:1.7g
3. Propeller Guard weight:3.6g

Drone weight: 70g
Diamension: 26*24*5.5 CM
The E88&E99&E88KB&E99KB is alightweight remote-controlled folding aircraft with a maximum takeoff weight of 95 grams, including propeller, battery and propeller guard.

MAXIMUM BLADE SPEED

5000 r/min

SENSOR, LIGHT, ANTENNA LOCATION

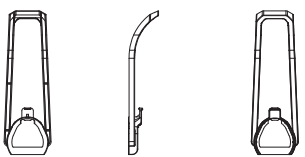


HOW TO DISTINGUISH SIMILAR PRODUCTS FROM THE SAME MANUFACTURER

Distinguish similar products from manufacturer based on model name and appearance.

HOW TO DISTINGUISH SIMILAR PRODUCTS FROM THE SAME MANUFACTURER

Battery：Directly plug and unplug the battery, replace the propeller directly Propellers：The replacement of the propeller blade has a direct buckle position, which can be clamped onto it Propeller Guard：The protective cover can be directly fastened to the main card position in the lower direction of the arm.



Blade protection bracket

MTOM STATEMENT

The E88&E99&E88KB&E99KB is alightweight remote-controlled folding aircraft with a maximum takeoff weight of 95 grams, including propeller, battery and propeller guard.

REMOTE CONTROL MODEL, FREQUENCY BAND, VERSION NUMBER, POTENTIAL INTERFERENCE SOURCES, AND MISUSE RISKS, EXPLAIN HOW TO REDUCE RISKS.
COMPATIBILITY BETWEEN MOBILE APPS AND DRONES, SYSTEM AND SOFTWARE VERSIONS - IF AVAILABLE“

1. Operating Frequency: 2405-2475 MHz
Version: V2.1.2
Remote control: E99 remote controller (E99 r.emote contr.o l ler.) Make sure no external sources of signal interference around, otherwise may cause the drone disconnectRequired Operating Systems: iOS 13.0 or later/Android 11.0 or later.

DESCRIPTION OF ALL WARNINGS OR ALARMS ON THE REMOTE CONTROL (TEXT, SOUND, VIBRATION, ETC.) AND HOW TO HANDLE THEM;
WARNING ALERTS FOR DATA LINK LOSS;
IF THERE IS A DATA LINK RECONNECTION RECOVERY PROGRAM AND THE PILOT CAN CHOOSE, THE AVAILABLE RECONNECTION BEHAVIORS AND HOW TO SELECT THE RECOVERY PROGRAM SHOULD BE EXPLAINED“

Please scan the QR code to watch the flight tutorial:

The flashing drone lights indicate that the drone battery is a bout to run out of power, and the pilot should return in a timely manner.

MANDATORY REGULATIONS AND GUIDANCE ON PILOT HEALTH REQUIREMENTS

The pilot is unable to operate the aircraft due to physical discomfort.

GUIDANCE ON UNMANNED AERIAL VEHICLES AND REMOTE CONTROLS BEFORE AND AFTER FLIGHT OPERATIONS, INCLUDING SAFE HANDLING OF ENERGY STORAGE DEVICES (BATTERIES), CLEANING AND REFURBISHMENT, PRE FLIGHT CALIBRATION, PROTECTIVE CAPS, PLUGS, AND COVERS.

Before use, please check if the propeller blades are installed correctly, if the camera is clean, if the battery is installed correctly, and if the remote control is functioning properly.

FLIGHT ALTITUDE RESTRICTIONS

Flight altitude limit of 50 meters.

STAY AWAY FROM CROWDS INSTRUCTIONS

Precautions for drone flight
With the development of drone flight technology, more and more people are starting to use drones, which not only provide more photos and videos, but also offer many interesting experiences. However, there are also some precautions for drone flight that require careful consideration by operators.
Firstly, during flight, the operator needs to be familiar with the operation of the drone to avoid unexpected situations. The operator needs to be familiar with the operation of the drone, especially flight operations, in order to operate the drone correctly.
Secondly, during flight, the operator needs to pay attention to the battery life of the drone to avoid running low on battery and affecting flight. In addition, operators need to pay attention to avoiding obstacles such as high-voltage power lines, water towers, and tree branches to prevent damage to the drone.
In addition, during flight, the operator needs to pay attention to the following points:

) Operator 1 should comply with local drone flight regulations. If permission to invade airspace is required, it must be processed according to the requirements.
) Operators are not allowed to conduct drone flights in airports, military areas, and important activity areas.
) During flight, the operator needs to pay attention to safety and avoid flying too high to avoid endangering the flight Flight safety of aircraft.
) Operators should avoid flying in crowded areas to prevent drones from disrupting the normal activities of others.

OTHER LOCAL RESTRICTIONS SHOULD BE FOLLOWED

The use of drones should comply with other local restrictions and rules.

VISUAL AND FUNCTIONAL INSPECTION CHECKLIST FOR UNMANNED AERIAL VEHICLES, INCLUDING BUT NOT LIMITED TO STRUCTURES, ENGINES, PROPELLERS, AND ELECTRICAL SYSTEMS, INCLUDING CONNECTORS AND WIRES, ANTENNAS, ETC

Before use, please check if the propeller blades are installed correctly, if the camera is clean, if the battery is installed correctly, and if the remote control is functioning properly

VISUAL AND FUNCTIONAL INSPECTION CHECKLIST FOR REMOTE CONTROL,

"Make sure to do the visual check before using the remote control and make sure it is functioning properly.
Make sure the batteries in the remote control are clean, undamaged and fully charged before use."

STANDARD (RECOMMENDED) FLIGHT ENVIRONMENT

No wind, wide, unobstructed.

INTRODUCTION TO EMERGENCY OPERATIONS

When the drone lights flicker and the remote control beeps.

SOFTWARE UPDATE GUIDANCE, INCLUDING NEW/UPGRADED UAS FEATURES

The firmware of this product cannot be upgraded.

INTRODUCTION TO TAKEOFF

Before takeoff, turn on the drone first. After turning on the remote control, the drone will automatically synchronize with the remote control. Once the synchronization is complete, the drone lights will turn on. Press the one click takeoff button to proceed.

TRANSPORTATION AND STORAGE GUIDANCE FOR DRONES, REMOTE CONTROLS, AND BATTERIES

During transportation, the battery should not be fully charged and should be stored in a cool place after use.

POST FLIGHT CHECKLIST, INCLUDING BATTERY INSPECTION

After use, check if the drone components are complete and place the drone and remote control in the storage bag.

MAXIMUM SPEED AND MAXIMUM FLIGHT ALTITUDE RESTRICTIONS

Gear 1：5.5m/s
Gear 2：7.0m/s
Gear 3：8.5m/s
Flight altitude up to 50 meters"

SUPPLEMENTARY FLIGHT RESTRICTIONS

"Maximum takeoff altitude;2000
It is prohibited to fly near electromagnetic sources such as high-voltage power pipes;
Prohibit flying near high-intensity radiation fields (such as high-power radar or television broadcast antenna transmitters) (such as requiring users to avoid such flying behavior);
Please fly away from buildings"

SUPPLEMENTARY PERFORMANCE LIMITATIONS

The battery can be reused, and one battery can fly for 6-7 minutes. It is prohibited for children to misuse it.

Do not use the battery below 0 degrees.
Recommend to store the batteries at 10 degrees Avoid the use of aging batteries"

SUPPLEMENTARY ENVIRONMENTAL RESTRICTIONS

"Prohibited from flying at night（Wind resistance: 1.8m/s)
Prohibit flying in rainy, snowy, foggy, and other extreme v weather conditions.
Storage and transportation require dry and cool conditions"

SUPPLEMENTARY RISK LIST

"i. Please fully charge the drone before use
Ii. Please use in a spacious, unobstructed, and windless environment, follow the instructions in user manual to avoid damage.
Iii. Maintenance of unmanned aerial vehicle systems, Clean after the flight and check the status of the drone and battery
Iv. Please do not fully charge the drone battery during transportation, Improper transportation of batteries may cause explosions
V. Please place in a cool and shady place, Improper battery storage may cause a fire"

(IF ANY) SAFETY INSTRUCTIONS THAT DATA EXCHANGE OPERATION ON EXTERNAL EQUIPMENT MAY ENDANGER SOFTWARE INTEGRITY WHEN USING EXTERNAL EQUIPMENT TO DOWNLOAD VIDEO PICTURES AND SOFTWARE UPDATES VIA THE INTERNET

No threat

EXPLANATION RELATED TO PRIVACY RIGHTS, SUCH AS RESPECTING OTHERS' PRIVACY WHEN FILMING

Respect others' privacy when filming

**IF THE DRONE SYSTEM IS EQUIPPED WITH OR CAN BE EQUIPPED WITH SENSORS CAPABLE OF DETECTING PERSONAL DATA,
THE DRONE SYSTEM OPERATOR IS REQUIRED TO REGISTER**

NO

LIST OF ALL SAFEGUARD MEASURES

1. propeller guard