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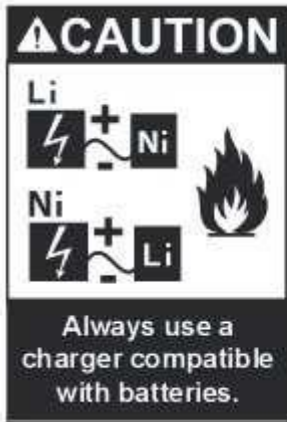
Instruction Manual

Please read this instruction manual prior to first flight.

Please keep this manual for future use.

F17 QUADCOPTER DRONE

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Battery warnings and usage

The Battery Charger included with the drone has been designed to safely charge the Li-Po battery

CAUTION: All instructions and warnings must be followed exactly. Mishandling of Li-Po batteries can result in a fire, personal injury, and/or property damage.

1. By handling, charging or using the included Li-Po battery you assume all risks associated with lithium batteries.
2. If at any time the battery begins to balloon or swell, discontinue use immediately. If charging or discharging, discontinue and disconnect. Continuing to use, charge or discharge a battery that is ballooning or swelling can result in fire.
3. Always store the battery at room temperature in a dry area for best results.
4. Always transport or temporarily store the battery in a temperature range of 40-120° F. Do not store battery or model in a car or direct sunlight. If stored in a hot car, the battery can be damaged or even catch fire.
5. Never use a Ni-CD or Ni—MH charger. Failure to charge the battery with a compatible charger may cause fire resulting in personal injury and/ or property damage.
6. Never exceed the recommended charge rate.
7. Never cover warning labels with hook and loop strips.

WARNING: Only use the charger supplied by our company. Do not use a 12V power supply or property damage and injury could occur. When a Li—Po battery is discharged below 3.7 V, the battery may be damaged and may no longer accept a charge. Please land the drone immediately and recharge the drone battery.

Safety First

Always bear proper operation and safe flight guidelines in mind

Please take a careful look at the manuals before flights for important information regarding product functions and operation tips. It is important to learn how to use the product to achieve a safe flight. Stay informed of local laws and regulations regarding flying this product and always abide by the law. Keep away from any non-flight zones and always respect other people's privacy.

Safe flying

Please make sure you are in good mental shape before every flight. Never fly under the influence of drugs or alcohol as this will increase the chances accidents, injury, or damage. Always keep the remote controller at least 8 inches away from your body when flying the aircraft.

Keep a safe distance from a flying aircraft

Never use your hands to touch a flying aircraft under any circumstances! Don't approach and touch a landed aircraft before its propellers are completely locked.

Keep away from heat sources

This aircraft is made of metal, fiber, plastic, electronic components, and other materials. Please keep it away from heat sources to avoid any deformation. This aircraft is subject to damage caused by prolonged sun exposure at high temperatures.

Environmental protection requirements

To protect our blue planet please recycle the aircraft as per local laws and regulations dictate.

Table of Contents

- 03. What's in the Box
- 03. Technical Parameters of the F17 Drone
- 03. Product Assembly
- 04. Product Assembly cont.
- 05. Product Assembly cont.
- 06. Action Camera Installation
- 07. Major Parts of the Drone
- 07. Remote Controller
- 08. How to Pair the Remote to the Drone
- 08. How to Start and Stop the Drone
- 09. How to Calibrate the Drone
- 09. Operating the Drone
- 10. How to Fine-Tune the Drone
- 10. Drone Light Indicator Descriptions
- 11. Remote controller power indicator light description
- 12. Product Components
- 13. Product Components cont.
- 13. Troubleshooting

What's in the Box

Products/ spare parts included in the box

- 8 Propeller Blades
- 4 Protection Guards
- 4 Landing Gear Legs
- 1 Camera Mount Kit
- 1 Screwdriver
- 2 Wrenches
- 1 User Manual
- 1 Quick Installation Guide
- 1 Warranty Card
- 1 Remote Control
- 1 Charger
- 1 Drone Battery

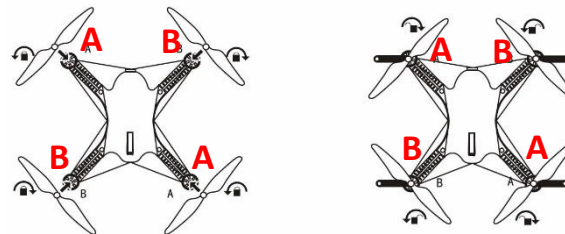
Technical Parameters of the Drone

- Diagonal: 12.2inch
- Overall height: 5.5inch
- Brushless motor: 1806
- Gross Weight: about 17.1 oz (with high landing gear, protecting guard, battery)
- Battery: 7 4V 2100mAh
- Charging Time: about 3.5 hours
- Maximum flying time: about 18 minutes (without mounting the high landing gear and protecting guard)

Product Assembly

Propeller Installation/ Removal

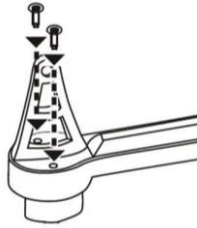
Install propeller A and B on the corresponding motor shaft and fix the rotor propellers tightly by rotating them in the direction shown in this diagram. Propellers will be labeled accordingly



- Please make sure that the clockwise and counterclockwise propellers are installed correctly on the motors. Failure to do so will cause the aircraft to fly abnormally.
- Use caution when installing propellers as they are a little sharp
- Please use Contixo propellers for this aircraft.
- Extra propellers can be ordered if needed.

Short Landing Gear Installation

Locate the short landing gear and supplied screws located in your hardware kit bag. Place the landing gear in place and screw clockwise to install.



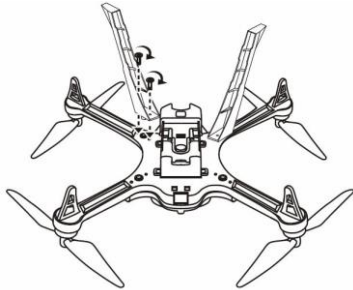
Protection Guard Installation

After releasing the two screws from the bottom of the motors, install the protection guard on the corresponding position and fix the screws in clockwise rotation.



High Landing Gear Installation

Insert the high landing gear plug into the socket located at the bottom of the aircraft, align the 2 screw positions and fix the high landing gear in place by rotating clockwise.



Drone Battery Installation

The battery housing is located on the bottom of the drone. Push the battery in and then plug the power cable into the drone to power on the drone. See pictures below.



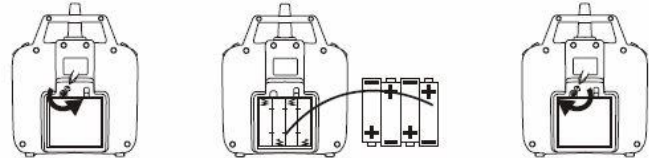
Drone Battery Charging

The battery can be charged by plugging in the white tipped cable into the supplied charger. The charger light will remain red while charging and turn green when the battery is fully charged. Charge time is 3.5 hrs.



Remote Battery Installation

Unscrew counterclockwise to open the battery compartment cover and install 4x AA batteries into the battery compartment according to the given polarity. Screw clockwise to close the battery compartment

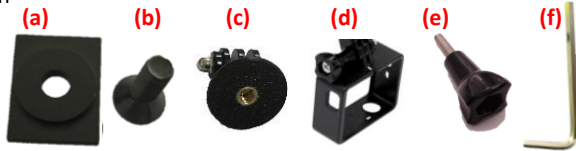


- Insert batteries with the correct polarity
- Non-rechargeable batteries are not to be used, the remote needs 4 x AA batteries to work.
- Do not mix old and new batteries
- Do not mix alkaline, standard (carbon zinc), or rechargeable (nickel-cadmium) batteries
- Exhausted batteries are to be removed from the device
- The supply terminals are not to be short-circuited.

Action Camera Installation

Our drone can carry and support a wide arrange of Action Cameras. To install a camera, we have provided a Installation kit.

1. Take inventory of your installation kit. You should have (a) one alum. bracket, (b) a ¼ in. Allen head bolt, (c) a camera mount with a ¼ in. female end , (d) a action camera mount, (e) a mount screw, and (f) a wrench



2. Carefully open the top cover of the drone and install the alum bracket in the slot. Insert the ¼ in. bolt through the bracket.



3. Next, fasten the camera mount on to the bolt using the supplied allen wrench. Fasten the camera mount to the ¼ in. bolt so that it is secure and facing forward like in the picture below.

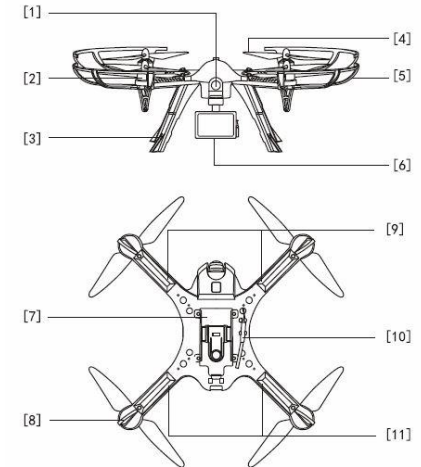


4. Once the mount is secured tightly, place the top cover back on the drone. Do not make a habit of removing the top cover as it will eventually weaken and can come off during flight.



Major Parts Of The Drone

1. Front Light
2. Brushless Motor
3. High Landing Gear
4. Propeller
5. Protection Guard
6. Camera Mount
7. Battery Compartment
8. Bottom Landing Gear
9. Front Indicator Light
10. Antenna
11. Rear Indicator Light



Remote Controller

1. Start (short press)/ Stop (long press)
2. Speed/ Light button (short press for speed control) (long press for light control)
3. Throttle Stick
4. Trimmer (left/ right turn)
5. Power Switch
6. Power Indicator
7. 3D Flips and rolls button
8. Directional Stick
9. Trimmer (left/ right)
10. Trimmer (forward/ backward)



How to Pair the Remote to the Drone

Press and hold the red button on top of the remote controller and simultaneously push the power button up. The green light on the remote will be flashing.



Next, turn on the drone by plugging in the battery to the battery socket located on the back of the drone. The drone lights will flash twice and then stop, at the same time the remote light will stop flashing and remain solid. This means pairing has been successful. You only need to pair the remote to the drone once, afterwards you can start the drone by pressing the red start button on the remote.

Note: The lights will flash rapidly when you turn on the drone. You must wait 1-2 seconds until the lights flash slower indicating the drone is now ready to be paired.

How to Start and Stop the Drone

Move the throttle all the way down and press the red button on top of the remote to start the drone. The drone will start and the rotors will begin to turn. Once the rotors are rotating you are ready for lift-off. Slowly move the throttle upwards to begin ascending. (You must always move the throttle stick all the way down before starting the drone to activate the throttle and achieve lift-off)



To stop the aircraft, you must simply move the throttle stick all the way down and then press and hold the red button on the top of the remote for 2-3 seconds. The remote will beep and the rotors will stop. You can also turn off the remote and the drone will stop.



How to Calibrate the Drone

Prior to every flight, it is important to calibrate your drone. To calibrate the drone, you must first turn on the drone and pair the remote to the drone. Once paired you must move both the throttle and the directional stick to the bottom right for approximately 2-3 seconds. The lights will flash during the calibration process and stop flashing when the process is complete.



Operating the Drone

How to Operate the Drone

Remote controller	Aircraft	Remote controller	Aircraft

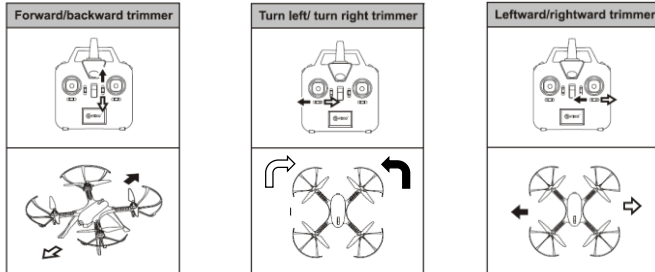
How to do Flips & Rolls



To flip and roll please press down the flips button located on the top right of the remote and move the directional control stick in any direction at the same time. This will allow you to perform flips and rolls.

How to Fine-Tune the Drone

If the drone model keeps moving in any direction even when no control signal has been given, we recommend you adjust the remote controller's trimmer button to keep the model balanced.



Drone Light Indicator Descriptions

Status	Description
Front light is flashing quickly	The drone is trying to detect the remote signal
Front light is flashing on and off twice every two seconds.	The drone has not received signal from the remote controller.
Front light is flashing on once and flashing off two second.	The signal or remote controller is lost after the aircraft received the signal from the remote controller.
Front light is flashing slowly or front/back light are flashing at the same time.	The aircraft's battery is low and should be recharged The remote will beep continuously.
Front light is on all the time, back light is off.	The aircraft is under lock status.
Front and rear light are both solid on.	The aircraft is under unlocking or flying status.





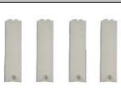






Remote Controller Power Indicator Light Descriptions



Remote controller sound	Power indicator	Description
Sending out continuous beep sound quickly	On	1.The aircraft is too far away from the remote controller that resulted in weak receiving signal. 2.The aircraft is powered off after successful signal connection.
Sending out continuous beep sound slowly	On	The aircraft is in low voltage status.
Sending out a long beep sound only	On	The remote controller has connected with the aircraft successfully
Sending out "beep beep" sound continuously	Flashing slowly	The aircraft is low on battery
Sending out "beep" occasionally	On	The aircraft receives very weak signal from the remote controller.

Product Components

Basic parts

			
Upper cover B30001	Main frame B30002	Protecting guard B30003	Bottom landing gear B30004
			
Propeller A/B B30005	High landing gear B30006	Transparent plastic part B30007	Battery compartment component B30008
			
Front light component B30009	ESC B30010	Front/back light strip B30011	Receiver PCB B30012
			
Screws pack B30013	Clockwise motor B30014	Counter clockwise motor B30015	Heat sink B30016
			
Propeller changing tool B30017	Battery B30018	Instruction manual B30050	Color box B30051
			
Plastic foam B30052	Camera mount 401101	Charger	Camera Kit

Product Components cont.

Upgrade to the new F17+ (With Contixo 4K Action Camera)



- WIFI APP- IOS/ANDROID
- 4K RESOLUTION
- 16MP CAMERA
- TIMELAPSE
- SLOWMOTION
- IMAGE STABILIZATION

Troubleshooting

No.	Phenomenon	Solution
1	The lights are flashing quickly	Set the drone on a flat even solid surface The drone's gyroscope is having problems.
2	The drone is unsteady during flights and moves from side to side.	1)Adjust all trimmer buttons to the middle value. 2)Put the drone on a flat surface and calibrate the remote.
3	The drone is shaking fiercely.	The rotor blade is out of shape, change the propellers.
4	The drone wont start, front indicator light flashes slowly	The drone's battery is low, please charge battery fully prior to operation.
5	The drone can't be stopped	1)Push the throttle stick to the bottom then press the stop button for 10-15 seconds.

