



Attop XT-17 Cheap Folding Mavic Clone WiFi FPV Transmitter User Manual

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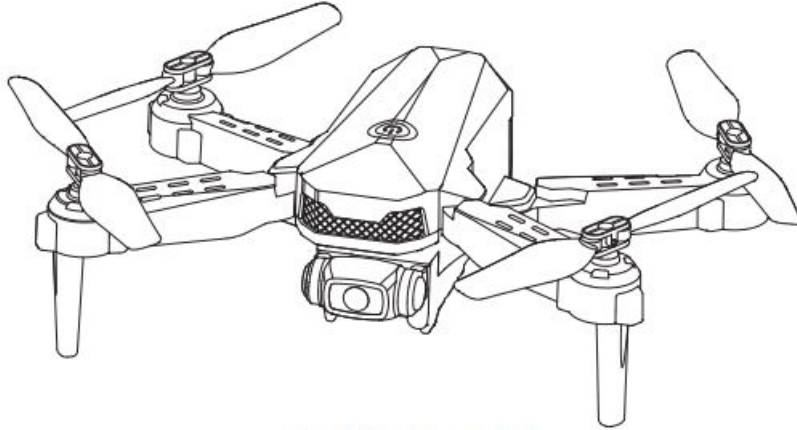
Attop XT-17 Cheap Folding Mavic Clone WiFi
FPV Transmitter User Manual

14+
age

X-PACK 17 User Manual

(Suitable for wide indoor environments operation)

Suitable for 14 years old and above



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1. Aircraft Parameters

Length of main wing: 80 mm

Aircraft: 100X125X40 mm

Total weight: 73g±2g

Battery: 3.7V500mAh

Charging time: About 90 mins

Flight time: 8-9 mins

Gyroscope: built-in

Working temperature: 14°F to 104°F

Remote controller: 2.4G

Motor: 7*20 4pcs

2. Remote Controller Parameters

Effective control reange: 50 meters

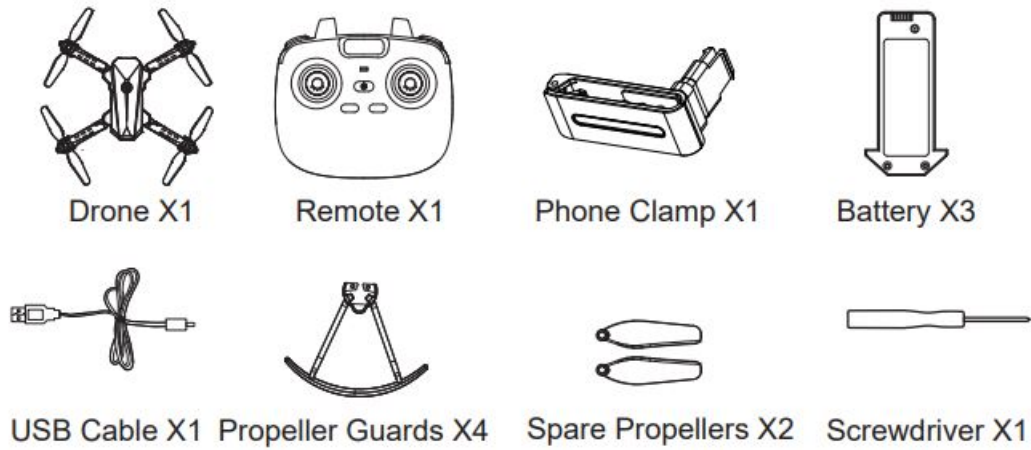
Wifi transmission range : 30-40 meters

(in a wide open area with no electromagnetic interference)

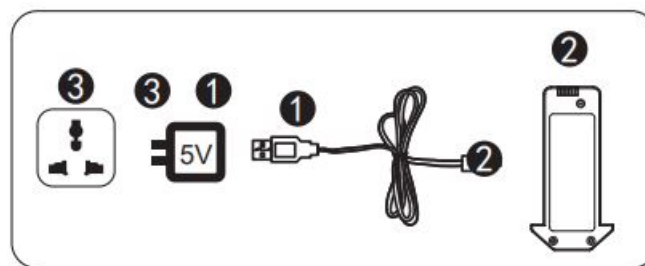
Working frequency: 2.4G

Battery: 3xAAA

3. Package Contents



4. Charging



a. Low battery warning

When the drone is flying, the indicator lights on the drone are flashing, and the remote control handle emits a “beep” alarm sound, indicating that the drone power is too low.

At this time, the drone needs to return and charge.

b. Charging Guide for battery

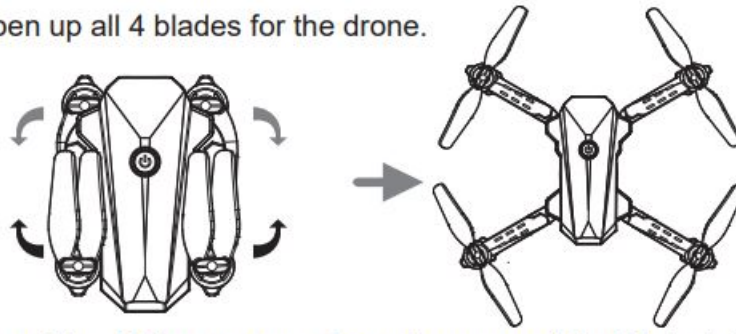
1. Connect the USB cable with power supply, the USB LED is solid Green, indicating the USB cable is powering on.
2. Connect the battery with USB cable. When USB LED is solid Red, indicating charging status. When USB LED is solid Green, indicating charging was completed.

⚠ Note: The connected USB Adapter should be less than or equal to 5V 2A, the voltage should not be greater than 5V, otherwise there is a risk of overloading the USB cable.

The flight time is approximately 9 minutes (Battery is in a full charging state.) and the charging time is about 60 minutes.

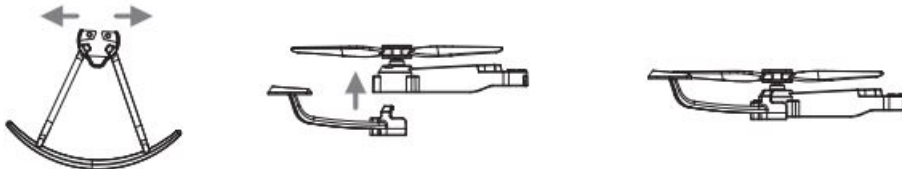
5. Installing

(1) Open up all 4 blades for the drone.



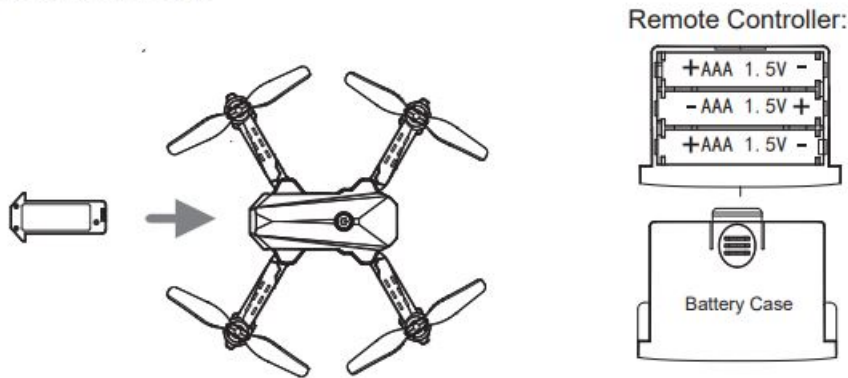
This aircraft is a folding structure, please do open up all four blades before powering on.

(2) Install blades protector.



Expand the buckle of the propeller guard, and install it onto the drone wings.

(3) Install battery.



1. Insert the battery into specified position.

2. Keep pressing the buckle of battery, and then pull the battery back to take it out.

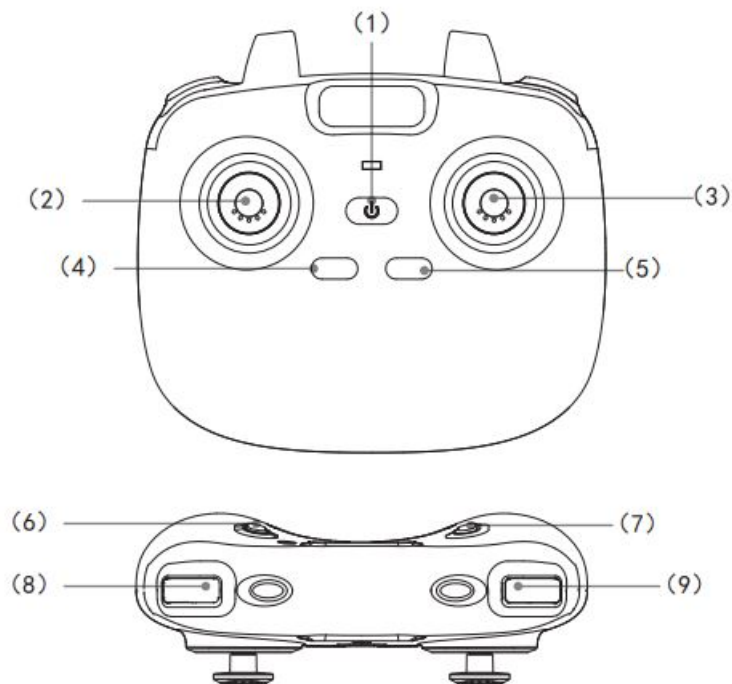
Keep pressing the buckle of battery case, and then pull the case to take it out, insert 3xAAA battery into specified position.

(4) Install phone clamp.



Put the phone clamp to specified position on the remote, and make sure fasten the phone clamp.

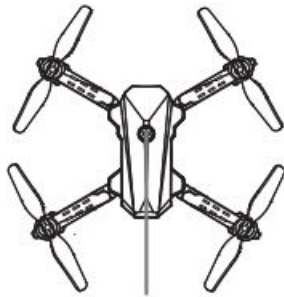
6. Remote Controller



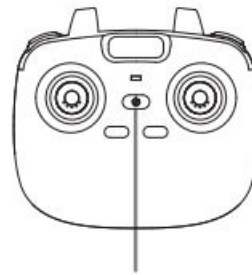
1. Power switch
2. Left joystick (Altitude Control, L/R turning)
3. Right joystick (Movement Control)
4. Left function switch (Take off/Landing, Emergency stop)
5. Right function switch (Headless mode, Return)
6. Take photo
7. Video
8. Speed switch
9. 360° Stunt

7. How to Fly

(1) Switch on the power.

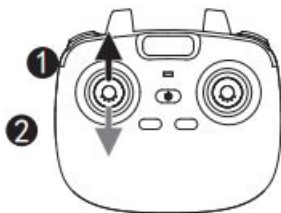


- ① First power on the drone.
(Keep pressing for 2-sec
and place it on a flat ground
or surface.)



- ② Power on the Remote.

(2) Pair.



(Pic 1)

After powering on the drone, both indicator lights on the drone and Remote are flashing, then push the Left Joystick to the top, and then down to the lowest (Pic 1). After 2 secs, the indicator lights are turning solid, which means the pairing succeeds.

(3) Gyroscope calibration



(Pic 2)

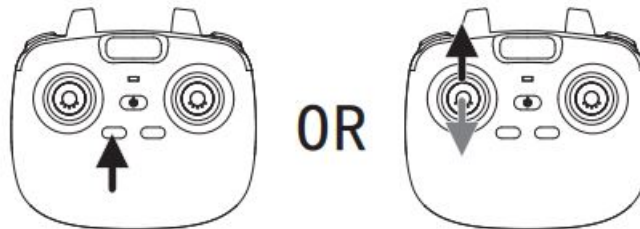
Push the Left joystick to right corner and the Right joystick to left corner at the meantime (Pic 2). The indicator lights of the drone are flashing rapidly for about 3 seconds. The indicator are turning solid when completed.

(4) Activate motors for taking-off.



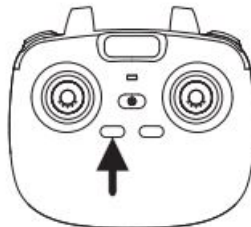
After pairing, push the Left Joystick to the top, then release to activate motors, then the propellers start rotating.

(5) Take off / Land.



Take off: After activating motors, press “Left function switch” (or keep pushing up the Left joystick slowly) to take off. Land: When the drone is in the air, press “Left function switch” (or keep pushing down the Left joystick slowly) to land.

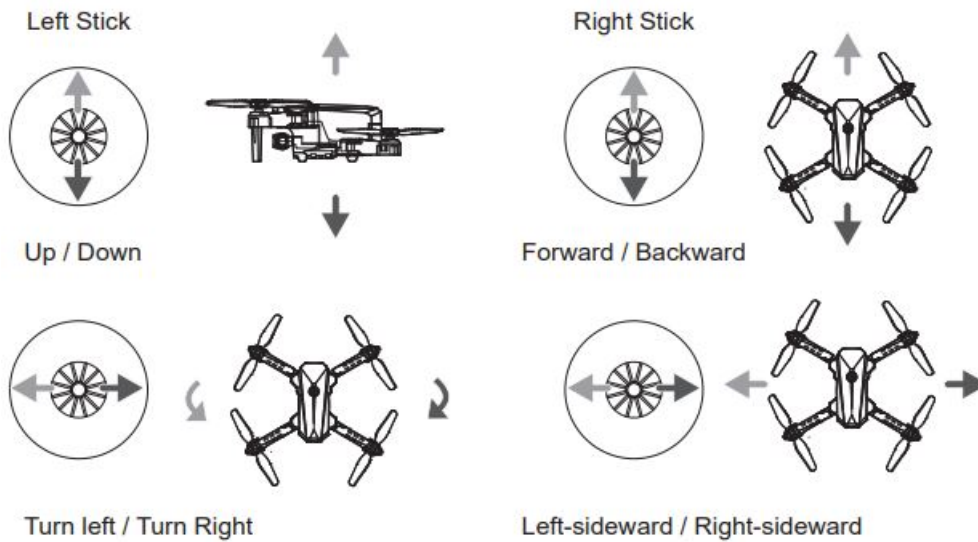
Emergency Stop In case of emergency status, keep pressing “Left function switch” about 3 seconds, the drone will immediately stop functions and drop off.



⚠ Emergency Stop

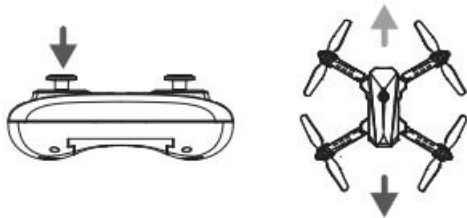
In case of emergency status, keep pressing “Left function switch” about 3 seconds, the drone will immediately stop functions and drop off.

8. Using the Remote Controller



9. Aircraft Functions

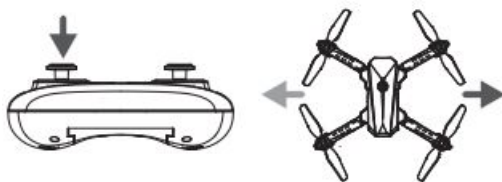
(1) Adjustment for deviating flying to Front/Backward



Vertically press the Left Joystick for activating adjustment function.
 If it leans front, push the Right Joystick to backward.
 If it leans backward, push the Right Joystick to forward.

Vertically press the Left Joystick again for deactivating adjustment function, after finishing adjustment.

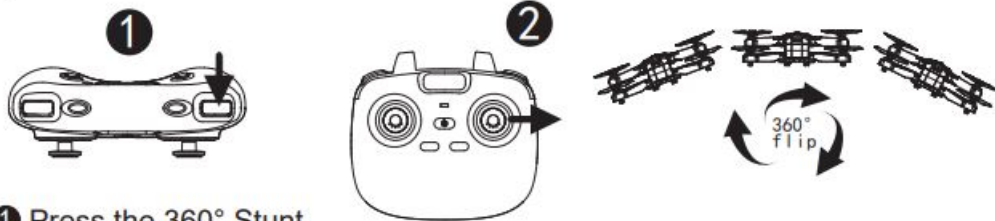
(2) Adjustment for deviating flying to Sideward



Vertically press the Left Joystick for activating adjustment function.
 If it leans right sideward, push the Right Joystick to left side.
 If it leans left sideward, push the Right Joystick to right side.

Vertically press the Left Joystick again for deactivating adjustment function, after finishing adjustment.

(3) 360° Stunt Function



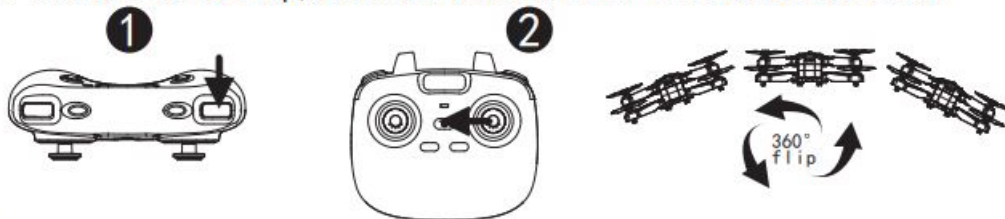
① Press the 360° Stunt.

② Push the stick to right, the drone will rotate 360° toward right direction.



① Press the 360° Stunt.

② Push the stick to top, the drone will rotate 360° toward front direction.



① Press the 360° Stunt.

② Push the stick to left, the drone will rotate 360° toward left direction.



① Press the 360° Stunt.

② Push the stick to bottom, the drone will rotate 360° toward back direction.

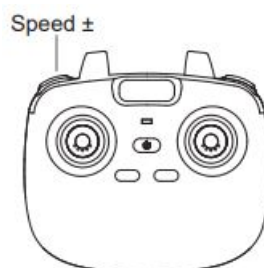
△ Note:

* There are continuous beeps from the remote when you activate this function.

If you do not move the Right Joystick about 5 seconds after you press the 360° Stunt switch, the function will be cancelled and the remote will stop beeping.

* This function can't be activated when the battery of the drone is low.

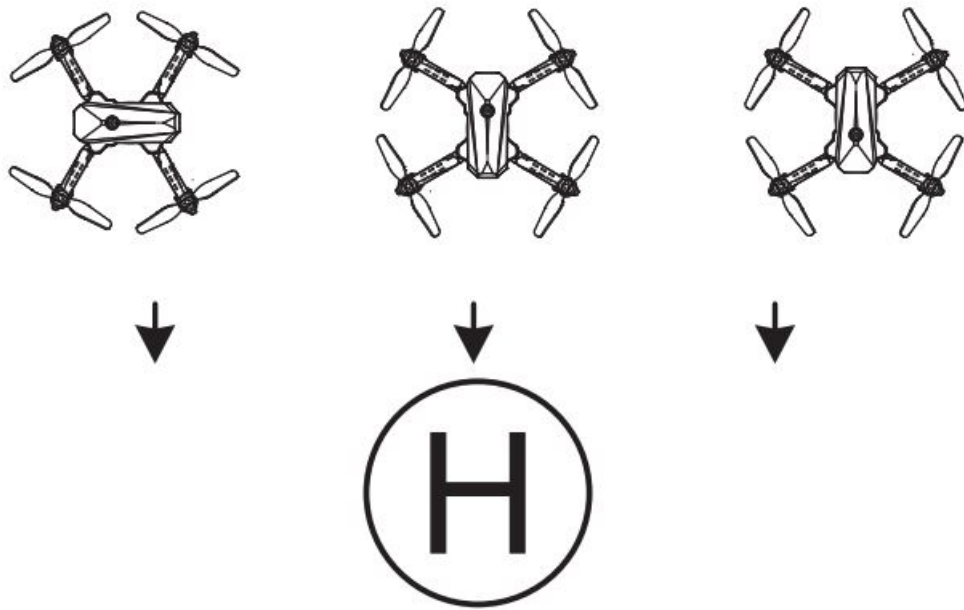
(4) Speed Adjustment



Press the speed switch to change the speed gear while flying. There are 3 gears, press the Speed switch, you will hear “beep, beep”, which means it is on the second gear speed. Press again, you will hear “beep, beep, beep”, which means it is on the third gear speed. Press again, you will hear “beep”, which means it is back to the first gear.

Remark: Beginners would be suggested to use the first gear speed firstly to play until you are skilful.

10. Return-to-Home Function



In regular mode, when the drone flies forward, stand and make sure the remote is toward the tail of drone, then press the “Right function switch” to activate headless mode, no matter which direction that the drone is heading to, keep pressing the “Right function switch” about 3 seconds, the drone would fly straight back to remote location.

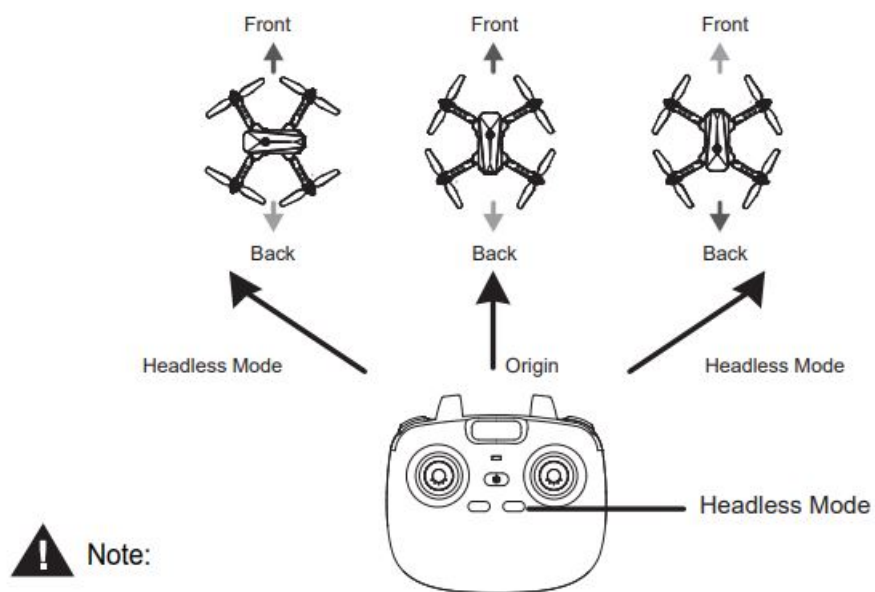
Note :

1. The drone will not land itself when operating this function, just fly straight toward the remote direction, negative direction will operate the right stick to stop flying.
2. If you change your position while playing, return-to-home function will be inaccurate.

Now turn the drone’s tail toward the remote, then press the “Right function switch” to activate headless mode, and keep pressing the “Right function switch” about 3 seconds, then it will come back successfully. Or you can also face to the drone’s tail and calibrate the gyroscope after it lands. Such operation is to update the drone’s return direction.

11. Headless Mode Function

- a. Press the “Right function switch” when the indicator lights slowly flash, which means it is in Headless Mode.
- b. Press the “Right function switch” again, when the indicator lights stop flashing, which means that the Headless Mode is deactivated.



1. Headless Mode, the forward direction is same as the direction when the drone took off, where the head of drone was facing.
2. In order to make sure the users can clearly identify drone's direction, we suggest that users are better to stay in the same orientation as the drone is facing when it takes off.
3. Then no matter which direction the head is facing, the drone will lock the controlled direction as the remote controller, easy to control back the drone.

12. Photograph and Video



Take Photos Press the button of "take photos". Please make sure to open the app on your smart phone before using it, then you can review the photos taken in the media file of app.

Video Press the button of "video", press to start and press again to finish and save the video. Please make sure to open the app on your smart phone before using it, then you can review the videos taken in the media file of app.

13. FAQ

	ISSUES	CAUSE	SUGGESTIONS
1	After the battery is inserted in the drone, indicator lights on drone keep flashing, and does not respond to operations.	Frequency matching between remote and receiver not successful	Reoperate the frequency matching for remote and drone. (please refer to P.6 for details.)
2	No response after battery is inserted in the drone.	1. Check whether the power for remote and drone is fully charged. 2. Connection of the poles are not good.	1. Open the remote battery case and make sure if the battery is inserted in right position. 2. Use a fully charged battery. 3. Reinstall the battery and confirm whether it is good connecting with the poles well.
3	Motor does not run when operating the throttle stick and the indicator lights on drone keep flashing.	Power for the Li-Poly battery is not enough.	Charge the battery or replace it with a full charged battery.
4	Main motor blades spin but the drone won't fly.	1. Some of the blades have been deformed. 2. Battery power is not enough.	1. Replace the main blade. 2. Charge the battery or replace it with a fully charged battery.

14. Battery Using Attention

Matters needing attention

1. Rechargeable batteries are to be removed from the toy before being charged.
2. Non-rechargeable batteries are not to be recharged.
3. Rechargeable batteries are only to be charged under adult supervision.
4. Only used to charging 2S Li-ion or Li-polymer battery pack. if not, the charger or battery may be damaged.
5. During charging, the charger should be put in the dry and ventilated place and far away from heat source and inflammable and explosive substance.
6. Never immediately charge your battery pack as soon as the flight is finished, or when its temperature doesn't cool down. Otherwise the battery will take a risk in swelling, even a fire.
7. Ensure the correctness of polarity before connecting the battery to charger.
8. Avoid drop and violence during the process of charging. Drop and violence will result in internal short circuit of the battery.
9. For the sake of safety, please use original charging equipment and battery pack.

Please change new one in time when the flying time is becoming shorter due to long time usage.

10. If it is retained in the charger for a long time after saturated, the battery may automatically discharge. When the charger detects that the voltage of individual cells is lower than the rated voltage, it will re-charge until saturated. Frequently charging and discharging will shorten the lifetime of your battery pack. It is advised that please cut off the power and take off the battery after the charging is saturated.

Maintenance of battery pack

1. The battery pack should be put in the dry and ventilated place. The storage temperature of environment is ranged from 64.4°F to 77°F.
2. Please avoid frequent charging and excessive discharging the battery pack in order to prolong its life cycle.
3. It is a must to maintain the battery pack before long-term storage. That is to charge the battery to the level of 50-60% saturation.
4. If the storage term is over 1 month, it is advised to monthly check the voltage of every cell of the battery pack. The voltage of every cell should be not less than 3V. Otherwise, please refer to the above article 3 .
5. From the view point of protection, new battery pack should be motivated before usage.
That is to charge and discharge 3-5 times, but discharge is not less than the level of 70% saturation. This process will make the battery lifetime longer and voltage more stable.

SAFETY AND PRECAUTIONS



Remote-control models of quadcopter are dangerous merchandise. Their flight must be operated away from the crowd. Such factors as man-made improper assembly or mechanical damage, poor control of the electronic equipment, as well as the unfamiliar manipulation may lead to unexpected flight accidents, such as uncontrolled flight and aircraft damage. Users are advised to pay attention to the flight safety and understand that they are held responsible for any accident caused by negligence.



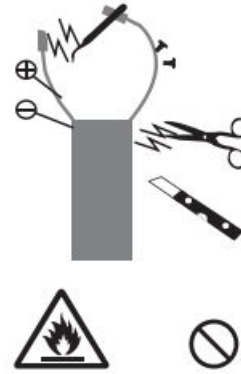
Special drone for indoor and outdoor should stay away from barriers

This product is a remote-control drone, which is suitable for indoor using and outdoor environments (the outdoor wind power less than Force 2). To fly this drone, please choose appropriate obstacle-free indoor and outdoor sites with proper distance kept from the crowd or pet animals. Please don't operate the product in any unsafe environments, such as places of heat, wires, power supply, etc., so as to prevent the quadcopter from the risks of fire and electric shock resulting from collision, ditching, and entangling of the drone.



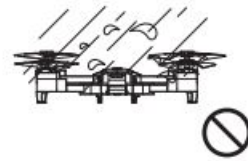
Safe usage of the lithium battery

Lithium batteries are more dangerous than others. Be sure to read carefully and follow the following precautions before using it. We will not be held responsible for any damages caused by any improper use of the battery. To avoid the danger of explosion or fires, it is forbidden to use other chargers than the one made by our factory. Such actions done to the battery as impact, dismantling, reverse connection of the positive and negative poles, and burning are forbidden. Avoid metal objects from contacting the positive and negative poles of the battery, which may cause short circuit. Please prevent sharp items from piercing the battery, and avoid the risk of battery fire. Please be careful when charging the battery. Make sure that the battery is charging within your sight. Keep it out of the reach of young children so as to avoid dangers. Don't charge the battery when the battery is heated after use. Otherwise, it may cause the battery to expand, change, explode or even catch fire, threatening the safety of life and property. To dispose of the battery, please recycle the battery in strict compliance with the waste disposal laws and regulations of local countries or regions in order not to pollute the environment.



Away from moist environments







The interior of the aircraft is also composed of many sophisticated electronic components so it must absolutely be kept away from moisture or water vapor. Don't operate the aircraft in the bathroom or on rainy days; otherwise water vapor may get inside of the aircraft and cause mechanical parts and electronic components to malfunction leading to expected accidents.



Never misuse the product

Please do not disassemble or modify the product. For any upgrade, repair or maintenance, please use the parts specified in our catalog to ensure the safety of the structure. Please make sure the product is used within the limits of operation. Don't overload the product, and don't use it in any other illegal ways than prescribed by safety concerns and laws.



<div data-bbox="339 114 505 185">  FORBIDDEN </div> <div data-bbox="515 123 919 163"> <h3>Safe usage of the battery</h3> </div> <p>Batteries are to be inserted with the correct polarity. The supply terminals are not to be short-circuited. Different types of batteries or new and used batteries are not to be mixed. The exhausted batteries are to be removed from the toy. For long time storage, please take them out to prevent battery leakage. Please dispose abandoned batteries in accordance to the laws and regulations of the corresponding region to prevent pollution to the environment.</p>	
<div data-bbox="339 600 505 672">  CAUTION </div> <div data-bbox="515 600 772 669"> <h3>Keep away from source of heat</h3> </div> <p>The aircraft is mostly made of PA fiber or polyethylene as well as other main materials for electronic products. Therefore, it must be kept from the source of heat and exposure to sunlight so as to avoid possible damage of deformation or even meltdown due to high temperatures.</p>	
<div data-bbox="339 996 505 1068">  WARNING </div> <div data-bbox="515 996 804 1066"> <h3>Never operate the product alone</h3> </div> <p>This product is suitable for users over 14 years old. Since the remote-control quadcopter may pose a certain degree of difficulty for learners at the beginning, it is recommended for it to be operated under the guidance of experienced people for the sake of safe flight.</p>	

Description of WIFI Live Stream Camera Version

How to connect the WIFI signal



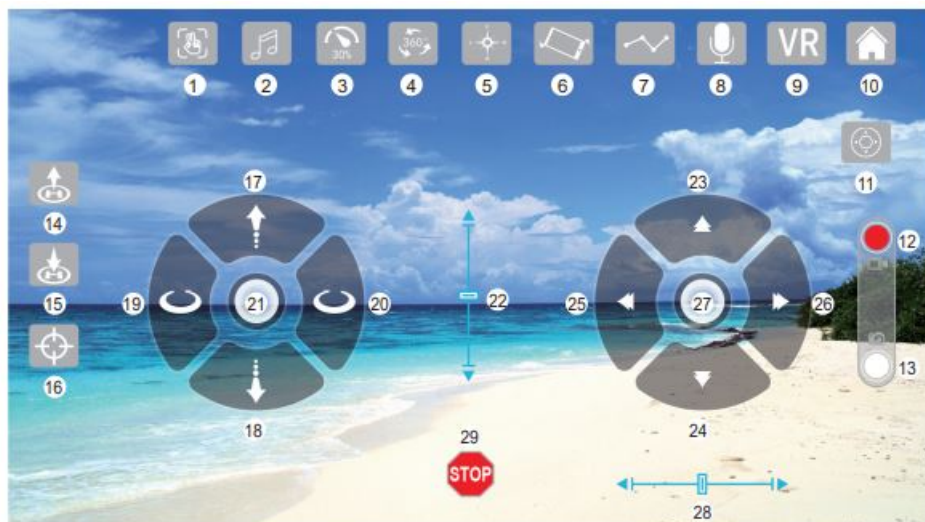


http://www.vision-st.com/app/download/attop_nano

Please confirm you chose the X-PACK 17 item, otherwise the app will not work.

1. Download the app: "Attop Nano" from App Store / Google Play.
2. Power on the drone.
3. Go to the WIFI setting on the phone/device, choose the WIFI signal of the drone (X-PACK-xxxxxx) , and connect it.
4. Select the item and click "Go to Connect".
5. If you have any question, please click " " to or scan the QR code or the email to leave message to customer service.

Attention: When it is low power of the drone, it might be unable to be connected successfully.



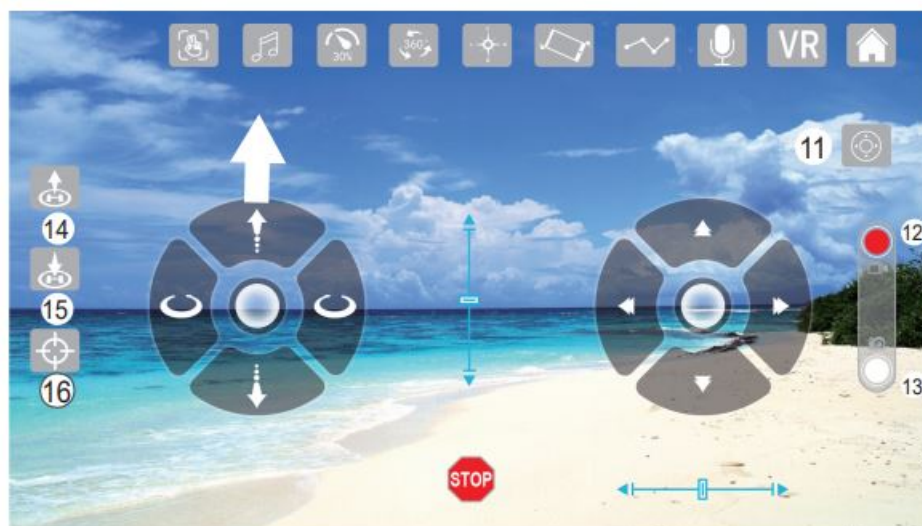
1. Gesture to take pictures
2. Background music
3. Speed mode: 30%,60%,100%
4. 360° Stunt
5. Headless mode
6. Gravity control
7. Path plan
8. Voice control
9. VR mode

10. Home page
11. On/Off for interface
12. Take video
13. Take picture
14. One key take off
15. One key landing
16. Calibration
17. Ascend
18. Descend
19. Turn left
20. Turn right
21. Left joystick
22. Forward/Backward trimming
23. Forward
24. Backward
25. Left sideward
26. Right sideward
27. Right joystick
28. Sideward trimming
29. Emergency stop

Operation ways

You can fly the drone separately with your device or your controller.

A. Control with your device.



(PIC. 2)

1. After connecting the WIFI signal and enter into the app interface, press the “on/off button” 11 to open it.
2. Wait 2 seconds, then lights of drone stop flashing, then press the “Calibration button” 16 to calibrate the drone if first time play.
3. Push the left throttle up to top, and then the rotors of the drone start rotating, which unlocks the motors. (see Pic 2).

4. Press the “One key taking off” 14 to fly up the drone (or push up the throttle directly), then play. Press the “One key landing” 15 (or keep pushing down the throttle directly) to land the drone.
5. Press the “Video” button 12 on interface, to take video. Press the “Picture” button 13 on interface, to take picture. After taking, you can review the files from the “Gallery” in Home page, or from your album file of your device.

B. Control with the remote controller.

There's no need to use your device to connect the WIFI, if you don't use the drone for shooting.

1. Power on the drone and power on the controller, after pairing between the controller and drone (the lights of the drone and controller are turning solid), then connect the WIFI signal between your device and the drone.
2. Put the device to the clamp of the controller, then click “Go to connect”.
3. Press the ‘picture’ button at the app interface or on the controller to take pictures.
4. Press the ‘Video’ button at the app interface or on the controller to take video. After shooting, you can review the files by the ‘Media’ in Home Page or by your album file of your device.



Name of App Attop Nano

Apply to IOS Android system (Note: Apply to Android 2.3 or above such as SAMSUNG, SONY, HUAWEI and etc. But it cannot guarantee the phone of other brands with Android system could operate stably.)



Guangdong Attop Technology Co., Ltd.

Linghai Industry Zone, Laimei Road, Chenghai District, Shantou, Guangdong, China.

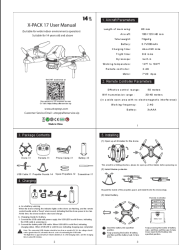
Website: www.attoptoys.com Customer Service Email : attop@afterservice.vip

30-Day Whole Unit Warranty For Quality-Related Issue For 30 days after the date of purchase, we take care of all quality-related issues with a REPLACEMENT.

Reminder : Be sure to operate your drone as directed.

90-Day Accessories Warranty For Any Reason For 90 days after the date of purchase, we take care of all accessories quality-related issues with an ACCESSORY REPLACEMENT.
Reminder: Be sure to maintain your drone as directed.

Documents / Resources

	<p>Attop XT-17 Cheap Folding Mavic Clone WiFi FPV Transmitter [pdf] User Manual XT-17 Cheap Folding Mavic Clone WiFi FPV Transmitter, XT-17, Cheap Folding Mavic Clone Wi Fi FPV Transmitter, Folding Mavic Clone WiFi FPV Transmitter, Mavic Clone WiFi FPV Transmitter, WiFi FPV Transmitter, FPV Transmitter, Transmitter</p>
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References

- [ATTOP TECHNOLOGY CO.,LTD.](#)
- [afterservice.vip](#)