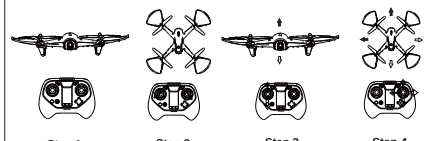
Quick Start Guide

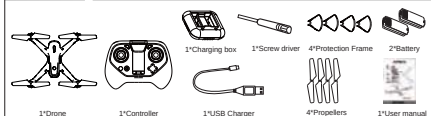


Step 1 Turn on Power
Step 2 Start motor
Step 3 Ascent/Descent (Push/Pull throttle)
Step 4 Direction Lever

Features

- GPS
- Headless mode
- Follow me mode
- One key to take off/land
- One key to return
- Speed adjustment

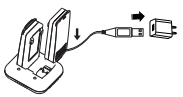
Standard components



1*Drone 1*Controller 1*USB Charger 4*Propellers 1*User manual
1*Charging box 1*Screw driver 4*Protection Frame 2*Battery

Battery charging and installation

Battery charging



1.Remove the lithium battery from the drone, insert one end of the charging cable with the USB port into the phone adapter interface, and then the interface with the plug on the other end is correctly connected to the battery socket.

2.Plug the charging cable into the USB port of the computer host. the method is the same as above ,and the charging can also be completed.

3.The indicator light is always on other the charging state, and it will automatically crush out when the battery reaches the full state.

Notice:
During the flight ,when you hear the :beeps" sounds from the remote control,it indicates that the Drone's battery voltage is not enough ,so the drone should fall behind to recharge . it need to charge it with the special charger we give/provide.

During the flight, when the remote control indicator lights flicker. It indicates that the remote control battery voltage is not enough ,please replace the remote control battery.

Battery install

Put the lithium battery into the battery compartment, according to the instructions The direction of the arrow is shown on the head of the aircraft.

Push into the battery and hear the "ka" snap sound; check if the battery fitting is tight. To remove the battery, push out hardly per battery arrow direction.

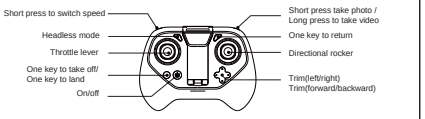
Push the battery in the direction of the head.

Caution

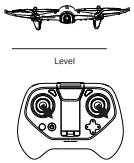
LED instruction		Charging specification		
Lights off ○	Light on ☼	Input	Charging Current	Full Voltage
Charge Completed	Charging	5V	1A	4.2V+_0.03V

Battery and charge specification			
Battery type	Battery specification	Using time	Charging time
Lithium polymer battery	3.7V 800 mAh	Drone Flight time : 7-8 mins	About 60 mins (charging current approx 1A)

Remote control function key description



Calibration between drone and controller



Level

Step 1
Turn on remote control switch button firstly, turn on the drone power switch secondly.Point the drone tail to you and put it on a horizontal plane,remote control will emit "beep,beep beep"sounds,which means a successful device match.

Important note: Turn off the drone requests long- press on power switch. Because the internal gyros need to be horizontal calibrated after the drone is open, therefore , must put it in horizontal surface place.

Step 2
As shown in the picture, push both joystick of the remote control to the lower right corner. When the indicator light of the drone flashes quickly,, released the remote control and wait for the indicator light keeping on lighting. The remote control will emit""beep beep" sounds and the calibration is completed.

If long time note used it, please take out the battery of the remote control, and keep it properly. Warn: It will lead to batter leakage and remote control damaged, even a fire if battery is kept for long term w/i use and stays in the remote control.

Step 3:
After the frequency is matched, please perform compass calibration.

Compass Calibration

Please select an empty space and follow the steps below to calibrate the compass.
1.As shown in the figure: Move the remote control rocker in the direction of the arrow for 2 seconds, and wait for all the lights of the drone to flash slowly.
2. Rotate the drone three times horizontally (put the drone on the horizontal plane, hold the drone by hand, rotate it 3 times on the horizontal plane), and the status indicator of the drone is red.
3. Hold the drone head up with the hand (the drone is in a vertical state), rotate it 3 times horizontally, and the drone status indicator is green.
4. Calibration failure if drone all indicators are flashing,please replace the takeoff ground to recalibrate the compass.
5.When aircaft status indicator flashes red after calibration, it means the stars are not enough and novice/beginner is not recommeded to take off.

Cautions

Compass calibration: Please calibrate the compass before using the drone. If the drone moves more than 50 kilometers, you need to calibrate the drone again before you can use it.

Horizontal calibration

Vertical calibration

Remote control instructions

Turn on / off	Light stable	1.Turn on:Short press the switch button, the remote control enters normal working mode, the buzzer emits a short sound and the power indicator flashes. 2.Turn off: long press the switch button, the buzzer emits a short sound, power indicator light is completely off, and remote control enters the shutdown state.
Unlock	Blades rotating	First turn on the remote and then turn on the drone. At this point, the remote control emits a "beep" sound, and the drone indicator light is always on, indicating the code is completed. Move the throttle lever to the lower left corner and move the directional joystick to the lower right corner (simultaneously) to start the motor. Release the rocker after the motor starts.
Throttle control	Fly / Landing	Pull the throttle lever up ,drone will fly up. Pull the throttle lever down ,drone will fly down. Set the throttle in the neutral position, the height of the drone remains unchanged.
"	Ascent / Descent	After unlock the drone ,press "One key to take off / land"button ,drone will hover about one meters above the ground.Press again, drone will land automatically.
Turning	Tuen left / Turn right	After the drone is lifted off, the throttle stick is rocked left and right, and the drone turns left and right.
Forward / Backward	Fly forward / Fly backward	Pull the direction lever up, drone will fly forward. Pull the direction lever down,drone will fly backward.
Left and right	Left / Right	Push the direction lever left, drone will fly to left. Push the direction lever right, drone will fly to right.

Trim		After the drone is lifted off, when the drone is shifted in one direction without manipulating the corker. Deviation canbe adjsuted by trim-buttom. Correct drone movement via opposite direction.
Take photo/video		Short press the "Photo/Video" button to take a photo, long press this button to record a video. Photos and videos will be saved in your app.
Short press to change speed	Low ♪ → / Medium ♪♪ → / Max ♪♪♪ →	Short press to switch speed,long press to 3D flips. 1.speed (low) :"beep" 1 time. 2.speed (medium):"beep" twice. 3.speed (high) :"beep" 3 times
Headless mode		Start and settings: short press the headless mode button, the remote control beeps twice, the drone indicator flight flashes slowly, headless mold starts, the direction of the drone's head is the front. If there has a crash or flying forward deviation, please restart to adjust the required direction frequency. Exit: short press the headless mode button again,(the remote control beeps and the drone indicator light is always on), headless mode exits. In headless mode, no matter which direction the lead of the drones turns, the current position of the remote control is right behind of the drone. Pull down joystick to recall the drone, push up to fly far..
One key return		Short press the smart return button until buzzer beeps" Bi, bu, bi", the drone will return to the latest researched star confirmation point. Cannot manipulate the drone during return voyage. Another sort press on this button to end voyage.

APP application and description

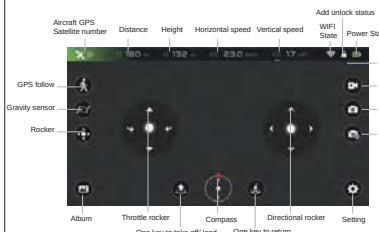
APP download and installation
Download the app according to your mobile phone system model, as follows:

1. Android system
A: Search for the keyword "AT-246 GPS" in Baidu mobile assistant APP (android market or 91 Assistant) to download.Search for **keyword"AT246-GPS"** download.
Or use a browser to scan a QR code to download. If scan code download fails , please download in Baidu mobile assistant APP.
B:On Google play: search for the keyword 'AT-246 GPS' to download.

2. **ios system**
Please go to APP store ,enter the key word "AT-246 GPS" to download the app.

Operating instructions of APP

1.After installing the APP on the phone ,click enter and the following screen appears.



2.The Wifi connection

(1)Please open your drone first and connect your mobile WIFI hotspot to AT-246 _GPS_XXXXXX".

(2)Enter the APP ,if the mobile app is successfully connected to the drone ,you can see real-time image transmission in the app. It can be controlled remotely by a mobile phone.

(3)The remote control is invalid when the mobile controls the drone; mobile phone control is invalid when the remote control controls the drone.

3. Rocker
When the joystick is turned on, the drone indicator light is always on, and the virtual handle can be used for flight.

4.Please refer to P4 & P5 for throttle and direction control.

5. Taking pictures
Trigger the APP photo function;Short press the remote control also can take photos.

6. Camera
Trigger the APP camera function, the camera starts, triggers the camera to stop again; long press the remote camera function can also take the camera.

7. Gravity induction
Triggering gravity sensing, the direction of the Earth's gravity is sensed by the built-in sensor chip of the mobile phone to control the direction of the drone.

8. WIFI status
This icon shows signal strength of the drone connected to the remote.

9. Battery status
Shows power of the drone.

10. Photo album
Click on this to view photos and video you take.

Installation protection frame and replace the fan blade

Installation protection frame

Install the protective frame as shown in the figure and use the accessory screws to tighten the protective frame.

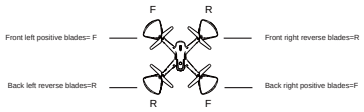
Replace the fan blade

In order to achieve the best flight function, the blades need to be inspected or replaced with new blades after multiple flights. Especially when flying in high altitude

May damage the blades.

1. When replacing the blades, make sure that the letter 1 on the fan blade is the forward fan blade, 2 is the reverse blade, and the letter is on the back of the blade.

2. Pay special attention to replacing the damaged blades with the correct turning blades. Don't change the steering blades!



Replace the fan blade diagram

Trouble shooting

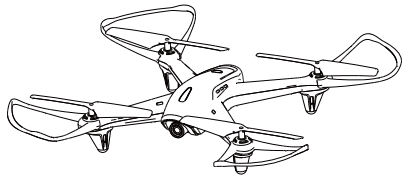
	Troubles	Causes	Ways to deal
1	Turn on the drone and the drone lights continue flashing, no response	The remote controller and the receiver are not successfully matched.	Please re-execute the counter action of the remote control and the receiver board. (Please refer to the frequency alignment of remote controller and receiver in P3)
2	Turn on the drone, the drone has no reaction to commands	The battery died	Charge the drone battery
3	Blades keep moving after landing	Throttle lever is not at the zero position	Put the throttle lever to zero position
4	Blades keep moving , while the drone can not take off	1.Blades may be installed incorrectly 2.No enough power	1.Change the blades 2.Charge the drone battery
5	After trimming ,drone keeps spinning, and the speed of blades is different	1.Blades may be installed incorrectly 2.Blades get damaged 3.Calibration failed	1.Install the blades 2.Replace the blades 3.Refer to p3 for calibration
6	The drone can not take off after drop	1.Blades are getting lose 2.Blades get damaged	1.Tighten the blades 2.Replace the blades

Warning:
Children under the age of 14 are prohibited from using.

MADE IN CHINA

AP-X240-GIMEN

APEX



Model: X-240G

User Manual

For remote

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

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

For drone

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To maintain compliance with FCC’s RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.