



Home » Attop » ATTOP W10 Folding Remote Control Drone User Manual The

#### Contents [ hide ]

- 1 ATTOP W10 Folding Remote Control Drone User Manual
  - 1.1 REMOTE CONTROL FUNCTION DESCRIPTION
  - 1.2 REMOTE CONTROL
  - 1.3 Remote Control and Aircraft Battery Installation and Charging Instructions
  - 1.4 Aircraft installation
  - 1.5 Direction Definition and Mode Selection of Headless Mode
  - 1.6 Fine-tuning Operations
  - 1.7 Speed Switch
  - 1.8 360° rolling
  - 1.9 Problem solving guidelines
- 2 Documents / Resources
  - 2.1 References

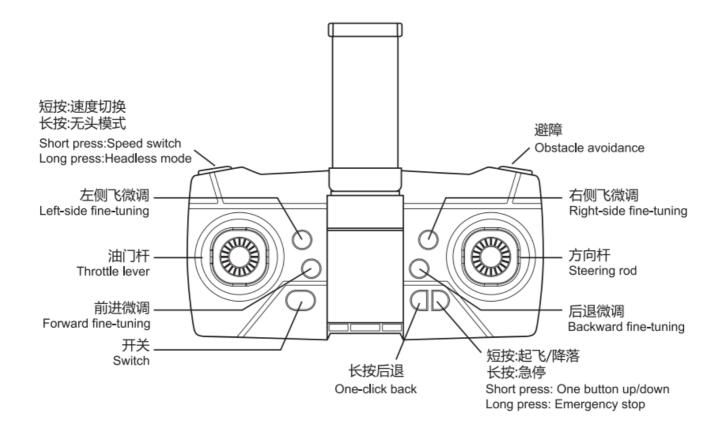
# ATTOP W10 Folding Remote Control Drone User Manual

#### **FOR AGES**

14+

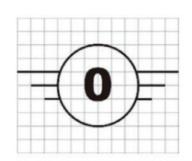
FOLDING DRONE USER MANUAL

#### REMOTE CONTROL FUNCTION DESCRIPTION



Note: Automatic frequency correction, outside eight correction, inside eight unlock.

#### REMOTE CONTROL

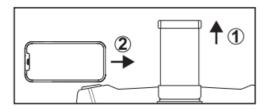


- 1. 无人机重量:93g
- 2.无人机最大起飞质量(MTOM):96g
- 3.无人机最大飞行速度:3M/S
- 4.无人机飞行高度:20-30M
- 5.无人机遥控UA的设备和软件:设备:遥控器/软件:WiFi CAM
- 6.该无人机无载重功能
- 7.数据链路丢失时无人机和UA的行为描述:当数据链路丢失时,无人机垂直降落在地面
- 8.运行限制:避免强风或雷雨天气在户外操作飞行器,夜间需要在视距范围内飞行

9.该飞行器仅适用14岁以上的人员操作,为保证飞行安全,请尽量避开机场、高速公路、火车站、 地铁站以及市区人员密集等区域进行飞行;

#### 1. Mobile phone rack

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

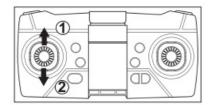


#### 2. 2.4G frequency alignment

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.



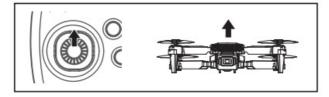


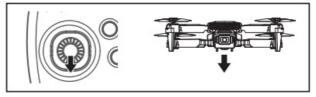
3. One-button take-off and one-button landing It is suggested that the height of this product is determined by barometer. Due to the influence of various environmental temperatures and other different factors, it is normal for the aircraft to change evenly at the beginning of flight or at low voltage.



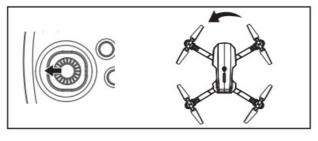
## 4. Flight control

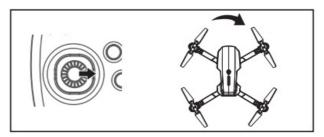
• Throttle (left rocker)



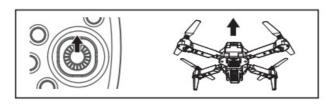


• Rotation (left rocker)



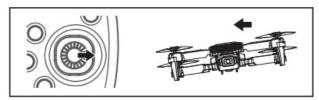


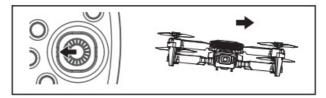
• Forward and backward (right rocker)





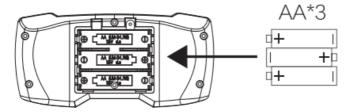
• Left and right side flight (right rocker)





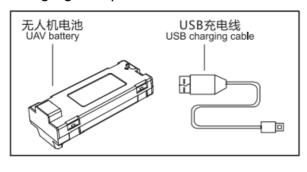
# Remote Control and Aircraft Battery Installation and Charging Instructions

1. Remote control battery installation



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

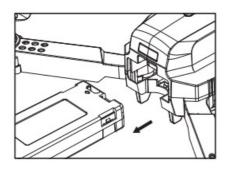
- 2. Aircraft battery charging
  - 1. Remove the battery from the aircraft;
  - 2. Connect the battery to the specific charging cable, and then insert the cable into the charging equipment such as the USB port of the computer.
  - 3. When the remote control is charged, the indicator lights up while be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

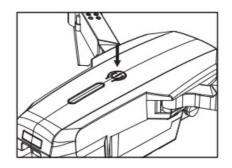


充电时间约60分钟 The charging time is about 60 minutes

3. Installation and startup of aircraft battery

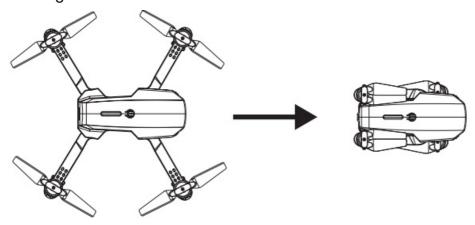
Put the fully charged battery into the battery slot of the aircraft and hold down the power switch until the aircraft lights up.





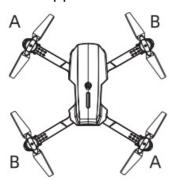
#### Aircraft installation

#### 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**



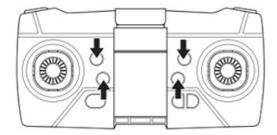
When switching to headless mode, the aircraft will give up its front, back, left and right

directions, and take the nose direction (one side with camera) of the aircraft at 2.4 G frequency alignment as the forward direction.

- 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.

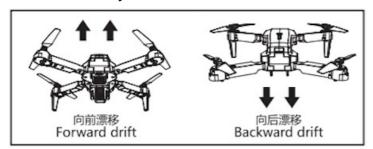
Note: Before entering into the headless mode, the forward direction must be determined, that is, the direction of the aircraft on the ground after startup.

# **Fine-tuning Operations**

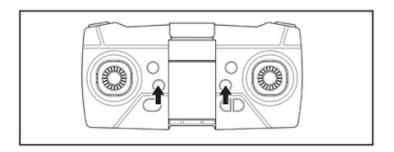


If the aircraft has been drifting in a certain direction or rotates left / right in place, the aircraft can be slightly adjusted through the following operations to make the aircraft reach a stable flight state.

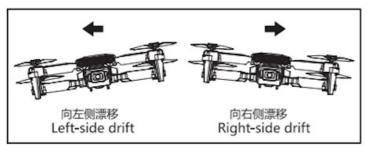
• Drift all the way forward or backward



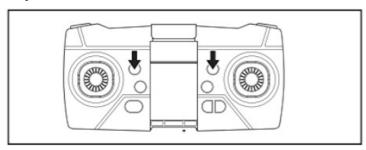
• Adjust the direction



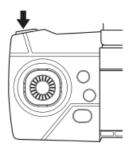
• Drift all the way to the left or right side



• Adjust the direction

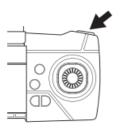


# **Speed Switch**



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""d""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**

问题 Problem	原因 Cause	处理方式 Treatment mode
飞行器接上电池后指示灯 持续闪烁,操作无反应 After the aircraft is connected with the battery, the indicator light flashes continuously,and the operation is unresponsive	飞行器与遥控器2.4G对频未成功 Aircraft and remote controller 2.4 G frequency alignment was unsuccessful	请重新执行飞行器与遥控器2.4G对频 Please re-perform 2 4G alignment between aircraft and remote control
接上电池后无任何反应 There is no reaction after connecting the battery.	(1)检查遥控器或飞行器是否通电 (2)检查遥控器或飞行器电池是否出现低电压 (3)电池正负极片是否接触不良 (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)重新安装电池 (2)充电或更换新电池 (3)确认电池正负极性安装正确 (1) Reinstall the battery (2) Charge or replace new batteries (3) Confirm that the positive and negative polarities of the battery are installed correctly
推动油门遥杆时电机不转动, 且飞行器的指示灯一直闪烁 When pushing the throttle remote lever, the motor does not rotate, and the indicator light of the aircraft flashes all the time	飞行器电池电量不足 Aircraft battery is low	将电池充电或更换一个满电的电池 Charge the battery or replace a fully charged battery
飞行器螺旋桨持续 转动但不能起飞 The propeller of the aircraft keeps rotating but cannot take off	(1)螺旋桨变形 (2)飞行器电池电量不足 (1) Propeller deformation (2) Aircraft battery power is insufficient	(1)更换螺旋奖 (2)将电池充电或更换一个满电的电池 (1) Replace the spiral prize (2) Charge the battery or replace a fully charged battery
飞行器振动的很厉害 The aircraft vibrates badly	螺旋桨变形 Prope <b>ll</b> er deformation	换螺旋桨 Change propeller
飞行器出现总往 一个方向漂移 The aircraft always drifts in one direction	飞行器上陀螺仪中心点不对 The center point of gyroscope on aircraft is wrong	重新进行水平校准或重新开机 重新对频 Re-calibrate horizontally or reboot Re-alignment
飞行器跌落后失 去平衡不起来 The aircraft lost its balance after falling	飞行器上陀螺仪中心点不对 The center point of gyroscope on aircraft is wrong	重新进行水平校准或重新开机 重新对频 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:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

# **Documents / Resources**



ATTOP W10 Folding Remote Control Drone [pdf] User Manual W10 Folding Remote Control Drone, W10, Folding Remote Control Drone, Remote Control Drone, Drone

#### References

- User Manual
  - ▶ ATTOP, drone, Folding Remote Control Drone, Remote Control Drone, W10, W10 Folding Remote Control
- Attop Drone

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