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ATTOP W80/W10

ATTOP W80/W10 Drone User Manual

4K GPS 60 Mins Flight Time W80 Drone & 1080P W10 Drone

INTRODUCTION

Welcome to the user manual for your new ATTOP W80 4K GPS Drone and W10 1080P Drone. These advanced quadcopters are designed to provide an exceptional aerial photography and flight experience. The W80 features a 2-axis gimbal with a 4K UHD EIS camera and GPS capabilities, while both models offer extended flight times and user-friendly controls. Please read this manual thoroughly before operating your drone to ensure safe and optimal performance.

SAFETY INFORMATION

Always prioritize safety during operation. Failure to follow these guidelines may result in injury, damage to the drone, or property damage.

- Operate the drone in open areas, away from people, animals, buildings, and obstacles.
- Do not fly near airports or in restricted airspace. Check local regulations before flying.
- Maintain a visual line of sight with the drone at all times.
- Ensure batteries are fully charged and securely installed before each flight.
- Do not operate in strong winds, rain, or other adverse weather conditions.
- Keep fingers and loose clothing away from propellers when the drone is powered on.
- Children should only operate the drone under direct adult supervision.
- Perform pre-flight checks as outlined in this manual.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- ATTOP W80 4K GPS Drone (or W10 1080P Drone)
- Remote Controller
- Flight Batteries (2 included, providing up to 60 mins total flight time)
- USB Charging Cable
- Spare Propellers
- Screwdriver
- User Manual (this document)

- Carrying Case

SETUP

1. Charging the Flight Battery

Connect the flight battery to the USB charging cable and plug it into a 5V/2A USB adapter (not included). The indicator light on the battery will show charging status. A full charge typically takes 3-4 hours. Always use the provided charging cable.

2. Installing Propellers

Ensure the correct propellers are installed on the corresponding motor arms. Each propeller is marked (A or B) and must match the motor's marking. Use the provided screwdriver to secure them firmly.

3. Remote Controller Setup

Insert 3 AA batteries (not included) into the remote controller. Power on the controller. It will automatically attempt to pair with the drone once the drone is powered on.

4. App Installation and Connection

Download the official ATTOP drone app from your device's app store. Power on the drone, then connect your smartphone to the drone's Wi-Fi network (usually named "ATTOP-XXXXXX"). Open the app to view the live FPV feed and access advanced flight features.

OPERATING

1. Pre-Flight Checks

- Ensure drone and controller batteries are fully charged.
- Check that propellers are securely attached and undamaged.
- Verify the flight area is clear of obstacles and people.
- For GPS models (W80), ensure a strong GPS signal is acquired before take-off.

2. Take-off and Landing

Place the drone on a flat, level surface. Power on the drone, then the controller. Perform compass calibration if prompted by the app. Use the one-key take-off button or manually push both joysticks down and out to arm the motors, then push the left joystick up to ascend. For landing, use the one-key landing button or slowly pull the left joystick down.

3. Flight Controls

The remote controller uses a standard mode 2 configuration:

- **Left Joystick:** Up/Down for Altitude (Throttle), Left/Right for Yaw (Rotation).
- **Right Joystick:** Up/Down for Pitch (Forward/Backward), Left/Right for Roll (Left/Right Sideways).

4. Camera Operation (W80)

The W80 drone features a 4K UHD EIS camera with a 2-axis motorized gimbal and a 90° adjustable lens. Use the dedicated buttons on the remote or controls within the app to:

- Capture photos (4K resolution).
- Record videos (1920x1080 Pixels output).
- Adjust the camera's vertical angle (90° range).

- Utilize the zoom function for stunning image scaling.

5. GPS Functions (W80)

The W80 drone is equipped with a sophisticated GPS system for enhanced flight stability and intelligent features:

- GPS Return to Home (RTH):** With one click, the drone will automatically return to its take-off point. This feature also activates automatically if the battery is low or the signal is lost.
- Follow Me:** The drone will automatically follow your movement. Ensure a strong GPS signal for optimal performance.
- Waypoint Flight:** Plan a custom flight path by tapping points on the map within the app, and the drone will fly along the designated route.
- Point-of-Interest:** Select a central point, and the drone will orbit around it, capturing cinematic footage.

6. Brushless Motor & Flight Time

Both drones feature brushless motors, providing powerful, quiet, and long-lasting operation. Each battery offers up to 30 minutes of flight time, totaling up to 60 minutes with both included batteries.

7. 5G FPV Transmission (W80)

The W80 drone utilizes 5GHz FPV transmission, offering a stable image quality and a transmission range of up to 2625 ft (800 meters) for real-time video feed to your smartphone.

MAINTENANCE

1. Cleaning

Gently wipe the drone's body with a soft, dry cloth. Do not use harsh chemicals or solvents. Ensure no dust or debris accumulates in the motor areas or camera lens.

2. Propeller Replacement

Inspect propellers before each flight for cracks or damage. Replace any damaged propellers immediately using the provided spare parts and screwdriver. Ensure correct A/B propeller placement.

3. Battery Care

- Do not overcharge or over-discharge batteries.
- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for extended periods, charge batteries to approximately 50% capacity.

4. Storage

The foldable design allows for easy storage. After use, fold the drone arms and propeller blades and store it in the included carrying case to protect it from dust and damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not power on	Battery not charged or not inserted correctly.	Ensure battery is fully charged and securely connected.

Problem	Possible Cause	Solution
No FPV feed in app	Not connected to drone's Wi-Fi; app not open.	Connect phone to drone's Wi-Fi network; restart app.
Drone drifts during flight	Not calibrated; strong wind; damaged propeller.	Perform gyroscope calibration; fly in calm conditions; replace damaged propellers.
GPS functions not working (W80)	Weak GPS signal; flying indoors.	Fly outdoors in an open area with clear sky; wait for sufficient GPS satellites to connect.
Short flight time	Battery not fully charged; old battery; aggressive flying.	Ensure full charge; consider replacing old batteries; fly more conservatively.

SPECIFICATIONS

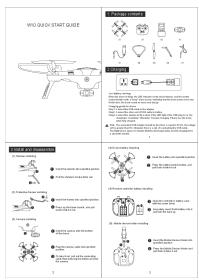
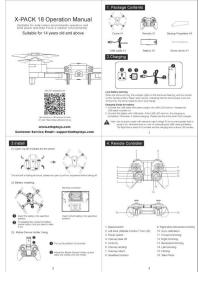
Feature	Detail
Brand	ATTOP
Model	W80 (4K GPS) / W10 (1080P)
Camera (W80)	4K UHD EIS Camera with 2-Axis Motorized Gimbal, 90° Adjustable Lens
Video Capture Resolution	4K (Photos), 1920x1080 Pixels (Video Output)
Flight Time	Up to 60 minutes (30 minutes per battery, 2 batteries included)
Motor Type	Brushless Motor
FPV Transmission (W80)	5GHz, up to 2625 ft (800 meters) range
GPS Features (W80)	Return to Home, Follow Me, Waypoint Flight, Point-of-Interest
Design	Foldable & Portable
Age Range (Description)	Adult
Media Type	SD
Wireless Communication Technology	Cellular

WARRANTY AND SUPPORT

ATTOP products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included in your product packaging or visit the official ATTOP website. For technical support, troubleshooting assistance, or spare parts inquiries, please contact ATTOP customer service through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.

Official ATTOP Store: [Visit the ATTOP Store on Amazon](#)

Related Documents

	<p>ATTOP W10 Drone: Quick Start Guide and Operation Manual</p> <p>Comprehensive guide to setting up, operating, and maintaining the ATTOP W10 drone. Learn about package contents, charging, flight controls, safety precautions, and app features for this 1080P FPV drone.</p>
	<p>ATTOP F16 Drone User Manual: Features, Operation, and Troubleshooting</p> <p>Comprehensive user manual for the ATTOP F16 drone. Learn about specifications, remote control functions, installation, flight modes like GPS and Indoor, calibration, safety features, troubleshooting, and Wi-Fi app connectivity for an optimal flying experience.</p>
	<p>Attop W80 Drone: User Manual and Operating Guide</p> <p>Comprehensive user manual for the Attop W80 drone, covering setup, operation, safety guidelines, troubleshooting, and specifications. Learn how to fly your drone safely and effectively.</p>
	<p>ATTOP X-PACK 18 Drone Operation Manual: Setup, Flying, and Safety Guide</p> <p>Comprehensive operation manual for the ATTOP X-PACK 18 drone, covering package contents, charging, installation, remote controller functions, flight operations, safety precautions, and troubleshooting. Learn how to fly your drone safely and effectively.</p>