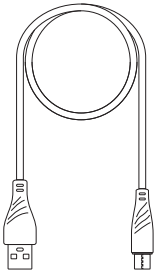
Accessory List

Propeller A X4

Propeller B X4



Type - C
Charging Cable X1

Instruction manual X1

Care and Maintenance

1. Always clean this product with a clean, soft cloth.
2. Avoid exposing this product to sunlight or heat.
3. Do not immerse the product in water, as this may cause damage to the electronic parts.
4. check the plug and other accessories regularly, if you find any damage, please stop using it immediately until it is completely repaired.

Drone manual

Why do drones go haywire when using a remote control?

1. **Operational error:**
   a. Operators may accidentally press the wrong buttons or not yet be familiar with the directional controls of the joystick, causing the drone to behave differently than expected.
   b. Operators may confuse the two modes of directional control of the drone, the normal mode and the headless mode.
2. **Signal interference: If there are a lot of wireless signals or signals from other devices in the vicinity, it may interfere with the connection between the remote control and the drone.**
3. **Low batteries: Low batteries in remote controls or drones may affect their performance, resulting in ineffective control or delayed response.**
4. **Excessive distance: If the drone flies out of the maximum control range of the remote control, the connection to the remote control may be lost.**
5. **Environmental factors: Strong winds or other environmental factors may affect the flight path of the drone, making it appear to be out of control.**
6. **Hardware malfunctions: Some components of the remote control or drone may malfunction or become damaged, causing them not to function properly.**

⚠ If you are experiencing this situation, it is recommended that you find a safe place to make an emergency landing and then troubleshoot and deal with the situation. If possible, consider flying again in an area with no signal interference and always make sure the batteries in the remote control and drone are fully charged.

Overview of appendices

General Information

1. List of items, including qualified accessories:

- Model: XT808 Propellers; Weight (4 pairs): 6.1 grams; Dimensions: 63 mm X 16.5 mm X 4.7 mm; Maximum speed: 11,000 RPM
- Model: XT808 Battery (Model: ZN 802558); Weight (1): 65 grams; Dimensions: 89mm X 30mm X 27mm

2. List of drone combinations:

- Combo 1: XT808, XT808 remote control
  Remote control auto pairing, manual mode.
- Combo 2: XT808, cell phone app (WiFi drone)
  App Pairing: automatically pair with drone after clicking app control button, manual mode.

3. Distinguishing by similar products from the same manufacturer:
- Similar products from the same manufacturer can be distinguished by product model and exterior color.

MTOM Statement

The maximum takeoff mass (MTOM) of the XT808, including the airplane, propeller, battery, and propeller guard, is 229 grams total weight, which meets Category C0 standards. There are no additional loads.

2. To ensure that your XT808 UAV is C0 compliant, it is critical to follow the maximum takeoff weight regulations. The user must follow the instructions below:

- Calculate takeoff weight: before takeoff, add the weight of the drone (including the battery and any installed accessories) to the expected additional payload.
- Overweight warning: failure to comply with the above requirements may result in reduced flight stability, operational difficulties and increased risk of accidents. In addition, the product will no longer comply with c0 requirements.
- Compliance: ensure that all local and international aviation regulations are followed when operating a drone to avoid legal liability and potential safety hazards.

Equipment for remote control of drones

1. Remote Control Model: XT808 RC
2. Application: LW Pro
   - The product comes with an “App Manual” and is compatible with Android 8.0 and above and iOS 12.0 and above.
3. Reminder
   - Low Battery Alert: A “beep beep beep” sound is emitted as a warning.
   - Automatic frequency pairing: Two “beep beep” sounds are emitted to indicate successful pairing.
   - Headless Mode: Short press the Headless Mode button on the remote control, the body light blinks to indicate that it is in Headless Mode.
   - Speed mode switching: Press the speed mode button; a single “beep” sound indicates slow mode, two “beep beep” sounds indicate medium mode, and three “beep beep beep” sounds indicate fast mode. Two “beep beep” sounds indicate medium speed mode, three “beep beep beep” sounds indicate fast mode.
   - Remote control activation: indicator light blinks when the remote control is on.

Loss of command and control link:

1. The XT808 UAV can fly at a maximum altitude of up to 100 meters above the take-off point. When the drone reaches this altitude, the system will automatically prevent it from rising further, but it can still be operated in other directions. During flight, environmental factors or signal interference may cause the drone to lose control and descend out of control making it difficult for the pilot to effectively control the drone's ascent or other maneuvers, thus increasing the risk to flight safety. To ensure safety and prevent loss of the drone, users should fully understand and comply with the 100 meter altitude limit before operation. Please pay attention to your surroundings and fly in areas with strong signals to avoid flight risks.
2. Reaction of the drone when the remote control is disconnected:
   - The drone's indicator lights will begin to flash, followed by a slow descent of the drone.

Operator Health Precautions

1. When operating the drone, ensure that the operator (you) is awake and alert and not under the influence of alcohol, drugs or other substances. In addition, avoid flying if you feel dizzy, fatigued, nauseous, or any other health condition that may affect the safety of the operation.

Ground Services - Related Guidelines

1. Safe handling of energy storage (batteries):
- When installing and replacing batteries, ensure correct polarity and avoid using damaged or incompatible batteries.
- Use the original charging cable when charging, avoid charging near flammable materials, and ensure that the charging ambient temperature is between 0℃ and 40℃.
- Disconnect the power supply immediately after charging is completed to prevent overcharging.
- If the battery is swollen, leaking or otherwise abnormal, stop using it and deal with it promptly.

2. Cleaning and maintenance:
- Clean the exterior of the drone and the propellers regularly to ensure that there is no dust, dirt or foreign matter on the unit.
- Inspect every part of the drone, especially moving parts and connection points, to ensure there is no wear or damage.

3. Pre-take-off calibration:
- Ensure that the drone is placed on a level surface before turning on the drone and remote control.
- Follow the steps in the manual for one-button calibration and frequency pairing to ensure the drone's flight attitude is accurate.

4. Use of plugs and protective covers:
- Protect the electronic interface and plug from dust and moisture when using and storing the remote control and other accessories.

5. Choice of flight environment:
- Choose an open and unobstructed environment for your flight and avoid flying in areas that are crowded or infested with animals.
- Avoid flying in extreme weather conditions, such as strong winds, rain, snow or extreme temperatures.

Transportation and storage of drones, equipment for remote control of drones, and batteries.

1. Packaging of the drone and remote control:
- Pack the drone and remote control using the original packing materials or equivalent protective materials to prevent shock or pressure damage during transportation.
- Ensure that each component of the drone and remote control is securely fastened to avoid damage due to movement.

2. Safe transportation of batteries:
- Avoid exposing the battery to extreme temperatures or direct sunlight to prevent overheating.
- Comply with local transportation regulations, especially regarding lithium batteries.

3. storage environment:
- Store the drone and remote control in a dry, clean and temperature-appropriate environment, avoiding humidity or extreme temperature conditions.
- The storage area should be away from any potential heat sources such as heaters or direct sunlight to prevent material deterioration or equipment damage.

4. Long-term battery storage:
- If the battery is not to be used for an extended period of time, keep the battery at approximately 50% charge and avoid fully charging or completely discharging the battery.
- Regularly check the condition of the stored batteries, charging and discharging them at least once every three months to keep them active and safe.

5. Inspection and Maintenance:
- Regularly inspect the stored drone and remote control for any signs of physical damage or abnormal functioning.
- Ensure that all connections and interfaces are clean and dust-free to prevent corrosion or poor contact during long-term storage.

Post-Flight Operations - To ensure the safety and performance of the XT808 UAV after each flight, the operator must perform a thorough visual inspection, including checking the battery and all critical components. Detailed inspection steps are listed below:

1. Battery inspection:
- Visual inspection: remove the battery and carefully inspect the battery case for signs of damage, distortion, leakage or bulging.
- Touch Inspection: Gently touch the surface of the battery to check for abnormal temperatures (too hot or too cold).
- Connector Check: Check the battery connectors and wires to make sure they are intact and show no signs of looseness or poor contact.
- Battery level check: Use the battery level detector or the drone's built-in power display function to check if the remaining power is normal.

2. Body check:
- Appearance Inspection: Visually inspect the drone's fuselage for cracks, scratches, or other physical damage, especially in the arms and propeller mounting areas.
- Structural Integrity: Gently shake the UAV to check for loose parts or unusual sounds to ensure that the UAV is structurally sound.
- Camera Inspection: Inspect the surface of the drone's camera to ensure it is clean and free of scratches or other damage to ensure proper operation.

3. Propeller Inspection:
- Appearance Inspection: Check the propellers for cracks, bends or other damage. If damaged, replace the propeller immediately.
- Installation check: Make sure the propeller is securely installed and not loose. Check that the propeller locking mechanism is working properly.

4. Motor Inspection:
- Appearance Check: Visually inspect the motor housing for any signs of damage or deformation.
- Rotation Check: Gently manually rotate each motor to check for smooth operation without any stalling or abnormal sounds.

5. Wiring and Connector Inspection:
- Visual Inspection: Check all internal and external wiring and connectors of the drone to ensure that there are no breaks, wear and tear, or looseness.
- Connector check: Make sure all connectors are firmly connected with no signs of looseness or poor contact.

6. Remote control inspection:
- Appearance check: Check the remote control case for damage or cracks.
- Function check: open the remote control and check if all buttons and levers are working properly to ensure proper connection with the drone.

Summarize:

By following the detailed inspection steps outlined above, operators can ensure the safety and performance of their XT808 drone after every flight.

Regular visual inspections will help to identify potential problems early so that timely maintenance and repairs can be performed, ultimately extending the life of the drone.

*** All information in this manual has been carefully proofread for accuracy, and we reserve the right of final interpretation in the event of any typographical errors or omissions.**

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

FCC Radiation Exposure Statement
This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The device can be used in portable exposure condition without restriction.