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Wipkviey T6 (DE-T6-313)

Wipkviey T6 Drone User Manual

Model: T6 (DE-T6-313)

1. Important Safety Guidelines

Before operating the Wipkviey T6 Drone, please read and understand all safety instructions. Failure to follow these guidelines may result in injury or damage to the drone.

- Always operate the drone in an open, windless area, away from people, animals, and obstacles.
- Ensure the drone is calibrated on a horizontal surface before each flight.
- Keep fingers and hair away from rotating propellers.
- Do not fly near high-voltage lines, airports, or restricted airspace.
- Adult supervision is recommended for users under 14 years of age.

2. Package Contents

Verify that all items are present in the package:

- Wipkviey T6 Drone
- Remote Control
- 2 x Rechargeable Batteries (3.7V 1200mAh)
- USB Charging Cable
- Spare Propellers
- Screwdriver
- User Manual

3. Setup Guide

3.1 Battery Installation and Charging

1. **Drone Battery:** Insert the fully charged drone battery into the battery compartment on the drone's rear. Ensure it clicks into place securely.
2. **Remote Control Batteries:** Open the battery cover on the back of the remote control and insert 3 x AAA batteries (not included), observing polarity. Close the cover.
3. **Charging:** Connect the drone battery to the USB charging cable and plug it into a USB power source (e.g., computer, USB adapter). The indicator light will show charging status and turn off when fully charged. Charging

time is approximately 60-80 minutes per battery.



This image shows the two 3.7V 1200mAh batteries included with the drone, indicating a total flight time of 26 minutes (13+13 minutes) and a low power blinking light feature.

3.2 Propeller Installation

If propellers are not pre-installed, attach them according to the markings (A and B) on the propellers and motor arms. Ensure they are firmly secured.

3.3 App Download and Connection (FPV)

1. Download the designated FPV app (refer to the QR code in the included manual or search in your app store).
2. Power on the drone.
3. On your smartphone, connect to the drone's Wi-Fi network (usually named 'Wipkviey-T6-XXXX').
4. Open the app to view the live FPV feed and control the drone via your smartphone.

4. Operating Instructions

4.1 Power On/Off and Pairing

1. **Power On:** Press the power button on the drone. The LED lights will flash. Power on the remote control.
2. **Pairing:** Push the left joystick on the remote control up then down. The drone's lights will become solid, indicating successful pairing.
3. **Calibration:** After pairing, place the drone on a flat, horizontal surface. Push both joysticks down and to the right simultaneously. The drone's lights will flash rapidly and then become solid, indicating calibration is complete.
4. **Power Off:** Turn off the remote control first, then the drone.

4.2 Basic Flight Controls



This image highlights the user-friendly features designed for beginners, including one-button takeoff and landing, Headless Mode for simplified control, and Altitude Hold for stable hovering.

- **One-Touch Start/Landing:** Press the one-touch takeoff/landing button on the remote control to automatically launch or land the drone.
- **Altitude Hold:** The drone maintains its current altitude automatically, allowing for stable hovering.
- **Headless Mode:** In Headless Mode, the drone's orientation is relative to the pilot, making it easier to control

without worrying about the drone's front direction. Activate/deactivate using the dedicated button.

- **Speed Settings:** The drone offers three speed settings (low, medium, high) to suit different skill levels and environments. Adjust using the speed button on the remote.
- **360° Flip:** Press the 360° flip button and then move the right joystick in the desired direction to perform an aerial flip.



The image demonstrates the drone's 3D Flip function, indicating enhanced body stability and smooth operation during the maneuver, adding to the flying experience.

4.3 Camera Operation (1080P HD FPV)



This image illustrates the Wipkviey T6 Drone's 1080P HD Wi-Fi camera, highlighting its ability to capture high-fidelity photos and videos. The bottom section shows examples of taking a photo and recording a video.

- **Real-time FPV:** Connect your smartphone to the drone's Wi-Fi to view live video feed directly on your device.
- **Photo/Video Capture:** Use the dedicated buttons on the remote control or the app interface to take 1080P photos or record videos.
- **Adjustable Camera:** The camera angle can be adjusted by 90° manually before flight to capture different perspectives.



This image displays the drone's real-time FPV transmission feature, showing the drone flying while a user views the live feed on a smartphone connected to the remote control. It indicates an image transmission distance of 80 meters and a remote control distance of 110 meters, along with one-click sharing.

4.4 Advanced Features

- **Route Mapping:** Through the app, draw a desired flight path on your screen, and the drone will automatically follow the specified trajectory.



The image illustrates the drone's route mapping capability, where users can define a flight path on a smartphone screen, and the drone will follow the trajectory.

5. Maintenance

- **Battery Care:** Always fully charge batteries before use. Do not overcharge. Store batteries in a cool, dry place when not in use.
- **Propeller Inspection:** Regularly check propellers for damage (cracks, bends). Replace any damaged propellers immediately using the provided spare parts.
- **Cleaning:** Use a soft, dry cloth to clean the drone body and camera lens. Avoid using water or harsh chemicals.
- **Storage:** When not in use for extended periods, remove batteries from both the drone and remote control. Store the drone in a safe place to prevent damage.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Drone does not respond to remote control.	Not paired; low battery in remote or drone.	Ensure drone and remote are paired correctly. Charge drone battery. Replace remote control batteries.
Drone drifts or flies unevenly.	Not calibrated; damaged propeller; strong wind.	Recalibrate the drone on a flat surface. Check and replace damaged propellers. Fly in calm conditions.
Short flight time.	Battery not fully charged; old battery.	Ensure batteries are fully charged before each flight. Consider replacing old batteries if performance degrades significantly.
FPV image is blurry or disconnected.	Weak Wi-Fi signal; camera lens dirty.	Ensure smartphone is close to the drone. Clean the camera lens. Avoid areas with strong Wi-Fi interference.
Propellers stop or fall off during flight.	Propellers not securely attached; motor issue.	Ensure propellers are tightly screwed on. If issue persists, contact support.

7. Specifications

Feature	Detail
Brand	Wipkviey
Model Name	T6 (DE-T6-313)
Item Weight	150 Grams
Dimensions (L x W x H)	17L x 17W x 8H centimetres
Camera Resolution	1080p (1920 x 1080P)
Connectivity Technology	Wi-Fi (2.4G real-time transmission)
Battery Capacity	1200 mAh (per battery)
Flight Time	Approx. 13-15 minutes per battery (26-30 minutes total with 2 batteries)
Remote Control Distance	110 meters
Image Transmission Distance	80 meters
Special Features	360 Degree Flip, First Person View (FPV), Integrated Camera, Lightweight, Long Battery Life, Headless Mode, Altitude Hold, One-Touch Start/Return, Gravity Detection, Route Mapping
Material	Plastic
Skill Level	All (Ideal for beginners)

8. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or assistance with your Wipkviey T6 Drone, please contact the seller or manufacturer directly through their official channels.

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