FERIETELF T26

FERIETELF T26 Drone User Manual

Model: T26 | Brand: FERIETELF

1. INTRODUCTION

This manual provides essential instructions for the safe and effective operation of your FERIETELF T26 Drone. The T26 is a compact, foldable quadcopter designed for beginners, featuring a 1080P HD camera for FPV (First Person View) live video via WiFi. Key functionalities include Altitude Hold, Headless Mode, 3D Flip capabilities, Gravity Sensor control, and One Key Take-Off/Landing. Please read this manual thoroughly before first use.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- FERIETELF T26 Drone
- Remote Control (Transmitter)
- Flight Battery (Lithium Ion)
- USB Charging Cable
- Spare Propellers
- Propeller Guards
- Screwdriver
- User Manual

Figure 2.1: FERIETELF T26 Drone and included accessories.

3. SETUP

3.1. Battery Installation and Charging

Drone Battery: Insert the provided Lithium Ion flight battery into the drone's battery compartment. Ensure it clicks securely into place. Connect the USB charging cable to the battery and a suitable USB power source (e.g., computer USB port, USB wall adapter). The indicator light on the cable will show charging status. Charge fully before first flight.

Remote Control Batteries: The remote control requires 3 AAA batteries (not included). Open the battery compartment on the back of the remote and insert the batteries, observing correct polarity.

3.2. Propeller Installation (if necessary)

If propellers are not pre-installed, attach them according to the markings (A and B) on the propellers and motor shafts. Ensure each propeller is firmly secured. Propeller guards can be attached for added protection, especially for beginners or indoor flight.

3.3. Pairing the Drone and Remote

1. Place the drone on a flat, level surface.

2. Turn on the drone by pressing the power button. The drone's indicator lights will flash.

3. Turn on the remote control.

4. Push the left joystick up and then down. The remote will beep, and the drone's lights will become solid, indicating successful pairing.

3.4. App Download and WiFi Connection

Download the dedicated control app for your smartphone (refer to the manual for app name and QR code). Once installed:

1. Turn on the drone.

2. On your smartphone, go to WiFi settings and connect to the drone's WiFi network (usually named 'WiFi-xxxxxx').

3. Open the control app. You should see the live camera feed from the drone.

4. OPERATING THE DRONE

4.1. Basic Flight Controls

Ensure the drone is paired and calibrated before attempting flight.

- **One Key Take-Off/Landing:** Press the dedicated button on the remote for automatic take-off to a stable hover or automatic landing.
- **Throttle (Left Joystick Up/Down):** Controls altitude.
- **Direction (Right Joystick):** Controls forward, backward, left, and right movement.
- **Rotation (Left Joystick Left/Right):** Controls yaw (rotation around its vertical axis).
- **Altitude Hold:** This feature automatically maintains the drone's altitude, allowing for stable hovering.
- **Headless Mode:** In this mode, the drone's orientation is irrelevant; it will move relative to the pilot's position. Press the Headless Mode button to activate/deactivate.

Figure 4.1: Easy-to-control features for beginners.

4.2. Special Flight Features

- **3D Flip:** Press the 3D Flip button on the remote, then push the right joystick in any direction to perform a 360-degree flip.
- **Gravity Sensor:** Control the drone's movement by tilting your smartphone when using the app.
- **Gesture Control:** Use specific hand gestures in front of the camera to initiate photo or video recording (refer to app instructions for specific gestures).
- **Line Drawing Flight:** In the app, draw a flight path on your screen, and the drone will automatically follow it.

Figure 4.2: Explore various flight modes for dynamic maneuvers.

4.3. Camera Operation

The T26 drone is equipped with a 1080P HD camera for capturing photos and videos. The FPV feature allows you to view the live camera feed directly on your smartphone via WiFi connection.

- **Taking Photos:** Press the photo button on the remote or use the gesture control feature via the app.
- **Recording Video:** Press the video button on the remote or use the gesture control feature via the app.
- **Viewing Media:** Photos and videos are saved to your connected smartphone's gallery.

Figure 4.3: 1080P HD WiFi Camera with gesture control.

4.4. Flight Demonstration Videos

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Video 4.4.1: Demonstrates basic indoor flight and control of the T26 drone.

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Video 4.4.2: Shows outdoor flight capabilities and ease of control.

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Video 4.4.3: Demonstrates the drone's flight stability and responsiveness in an outdoor setting.

5. Maintenance

- **Cleaning:** Regularly clean the drone body and propellers with a soft, dry cloth. Avoid using water or solvents.
- **Propeller Replacement:** If propellers are damaged, replace them with new ones from the spare parts kit. Ensure correct A/B matching.
- **Battery Care:** Store batteries in a cool, dry place. Do not overcharge or over-discharge. If not used for an extended period, charge the battery to approximately 50% capacity.
- **Storage:** When not in use, fold the drone arms and store it in its carrying case to prevent damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not respond to remote.	Not paired or low battery.	Re-pair the drone and remote. Check and charge batteries.
Drone flies erratically or drifts.	Not calibrated or damaged propellers.	Perform gyroscope calibration. Replace damaged propellers.
No FPV video feed.	WiFi not connected or app issue.	Ensure phone is connected to drone's WiFi. Restart app and drone.
Short flight time.	Battery not fully charged or old battery.	Fully charge battery. Consider replacing old batteries.

7. SPECIFICATIONS

- **Brand:** FERIETELF
- **Model Name:** T26
- **Video Capture Resolution:** 1080p
- **Connectivity Technology:** Wi-Fi
- **Special Features:** 360 Degree Flip, First Person View (FPV), Foldable, Speed Adjustment, Altitude Hold, Headless Mode, Gravity Sensor
- **Skill Level:** Beginner
- **Item Weight:** 87 Grams (approx. 3.07 ounces)
- **Maximum Range:** 100 Meters
- **Battery Cell Composition:** Lithium Ion
- **Remote Control Batteries:** 3 AAA batteries (not included)
- **Product Dimensions:** 11"L x 3"W x 6"H (unfolded, approximate)
- **Material:** ABS

8. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the contact information provided with your purchase or visit the official FERIETELF website. Keep your purchase receipt as proof of purchase.