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> FERIETELF T29 Foldable Drone Instruction Manual

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Model: T29

INTRODUCTION

Thank you for purchasing the FERIETELF T29 Foldable Drone. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your drone. Please read it thoroughly before your first flight to ensure proper usage and to maximize your flying experience.

SAFETY GUIDELINES

Adhering to these safety guidelines is crucial for preventing accidents and ensuring a safe flight experience.

- **Flight Environment:** Fly in open, calm, and windless areas. Avoid flying near people, animals, buildings, or power lines.
- **Pre-Flight Check:** Always ensure the drone and remote control batteries are fully charged and propellers are securely attached and undamaged.
- **Calibration:** Recalibrate the drone before each takeoff and if it tips over. Failure to calibrate on a level surface can lead to uncontrolled flight.
- **Battery Safety:** Use only approved chargers and batteries. Do not overcharge or puncture batteries. Discontinue use if batteries show signs of damage.
- **Supervision:** Adult supervision is recommended for younger users.
- **Respect Privacy:** Be mindful of privacy laws when using the camera feature.
- **Emergency Landing:** In case of emergency, use the one-key landing function or cut power if necessary.

SETUP

Package Contents

Verify that all components are present in your package:

- FERIESELF T29 Drone
- Remote Control
- Rechargeable Drone Batteries (2 included)
- USB Charging Cable
- Propeller Guards
- Spare Propellers
- Screwdriver
- User Manual
- Carrying Case



Image: All components included in the FERIETELF T29 drone package, laid out neatly. This includes the drone, remote control, two batteries, USB charger, propeller guards, spare propellers, and a user manual, all within a carrying case.

Drone Overview

Familiarize yourself with the main parts of your T29 drone.

- **Foldable Arms:** For compact storage and transport.

- **Propellers:** Four propellers for lift and movement.
- **1080P HD Adjustable Camera:** Located at the front for photo and video capture.
- **Battery Compartment:** Located at the rear/bottom for drone battery insertion.
- **LED Indicator Lights:** Provide status information.



Image: The FERIESELF T29 drone in flight, showcasing its 1080P HD adjustable camera. The image illustrates the drone's ability to capture high-definition photos and videos from an aerial perspective.

Battery Installation and Charging

1. **Drone Battery:** Insert the fully charged drone battery into the battery compartment until it clicks into place. Ensure it is secure.
2. **Remote Control Batteries:** The remote control requires AAA batteries (not specified if included, but usually separate). Open the battery cover on the back of the remote and insert the batteries according to polarity markings.
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 on the charger will show charging status. Charge until fully charged (approximately 60-90 minutes per battery).



 **2 Batteries**
= 20-24 Mins



Low Battery Alarm



Over Voltage Protection

Image: Two FERIESELF T29 drone batteries, illustrating their capacity for 20-24 minutes of flight time. The image also highlights features like low battery alarm and over-voltage protection for enhanced safety and user awareness.

Propeller Guard Installation

For added safety, especially for beginners, attach the propeller guards before flight. Snap them onto the drone's arms around each propeller.

App Installation and Connection

1. Scan the QR code in the manual or on the packaging to download the dedicated drone control app to your smartphone.
2. Turn on the drone and then your smartphone's Wi-Fi. Connect to the drone's Wi-Fi network (usually named something like "Drone_XXXXXX").
3. Open the app. The drone's camera feed should appear, indicating a successful connection.

OPERATING INSTRUCTIONS

Power On and Pairing

1. Place the drone on a flat, level surface.
2. Press and hold the power button on the drone until the indicator lights turn on.
3. Turn on the remote control. The remote will beep, and its indicator light will flash.
4. Push the left joystick up once, then pull it down once. The remote will beep, and the drone's lights will become solid, indicating successful pairing.

Calibration

Important: Calibration is essential before every flight and if the drone tips over. Failure to calibrate on a level surface will result in unstable flight and potential loss of control.

1. After pairing, place the drone on a flat, level surface.
2. Push both joysticks on the remote control to the bottom-left or bottom-right corners simultaneously (refer to the remote control diagram in the full manual for exact stick positions).
3. The drone's lights will flash rapidly and then become solid, indicating successful calibration.

Basic Flight Controls

- **One-Key Takeoff/Landing:** Press the dedicated button on the remote or in the app to automatically take off or land.
- **Altitude Hold:** The drone will automatically maintain its current altitude, making it easier to control.
- **Speed Adjustment:** Use the speed button on the remote to cycle through 3 different speed modes (low, medium, high) suitable for various skill levels and wind conditions.
- **Headless Mode:** When activated, the drone's orientation becomes relative to the pilot, regardless of the drone's actual front direction. Press the Headless Mode button to activate/deactivate.
- **360° Flips:** Press the 360° Flip button, then move the right joystick in the desired direction to perform a flip.



Easy Flight



3D Flip



Gravity Sensing



Line Following Flight



One-Touch Takeoff/Landing

Image: A visual representation of the FERIE TELF T29 drone's easy flight features. This includes a 3D flip maneuver, gravity sensing control via a smartphone, line following flight path, and the convenience of one-touch takeoff and landing.

Advanced Flight Features (via App)

- **Gravity Sensing:** Control the drone's movement by tilting your smartphone.
- **Line Following Flight:** Draw a path on your smartphone screen, and the drone will automatically follow it.
- **Voice Control:** Use voice commands through the app for certain flight functions.

Camera Operation

- **Photo Capture:** Press the photo button on the remote or in the app to take a picture.
- **Video Recording:** Press the video button on the remote or in the app to start/stop recording. Videos and photos are saved directly to your smartphone via the app.
- **Live Video Feed:** View the drone's camera feed in real-time on your smartphone screen when connected via Wi-Fi.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the drone and remote control. Avoid using water or solvents.
- **Propeller Inspection:** Regularly check propellers for damage (cracks, bends). Replace any damaged propellers immediately using the provided spare parts.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully charged or completely depleted batteries for extended periods. Charge them to about 50% for long-term storage.
- **Storage:** Fold the drone arms and store it in its carrying case when not in use to protect it from dust and damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not respond to remote.	Not paired; low battery; out of range.	Re-pair the drone and remote; charge batteries; ensure drone is within operating range.
Drone flies erratically or drifts.	Not calibrated; uneven takeoff surface; strong wind.	Recalibrate on a flat surface; fly in calm conditions.
No camera feed on smartphone.	Wi-Fi not connected; app not open.	Ensure smartphone is connected to drone's Wi-Fi; open the drone app.
Short flight time.	Battery not fully charged; old battery; aggressive flying.	Fully charge battery; consider replacing old batteries; fly more conservatively.
Drone loses control and flies away.	Improper calibration; strong wind; out of range.	Crucial: Always calibrate on a level surface before takeoff. Fly in calm, open areas. If control is lost, immediately press the one-key landing button or cut power.


SPECIFICATIONS

Feature	Detail
Model	T29 (Manufacturer reference: TR-T29)
Brand	FERIETELF

Feature	Detail
Product Dimensions (Folded)	19 x 17 x 5 cm
Product Dimensions (Unfolded)	Approx. 28L x 24.6W x 5.6H Centimetres (based on image)
Item Weight	87 Grams
Material Type	Plastic
Video Capture Resolution	1080p
Connectivity Technology	App-Controlled, Remote Controlled
Special Features	360 Degree Flip, Foldable, Integrated Camera, Speed Adjustment, Wear Resistant, Altitude Hold, Headless Mode, Gravity Sensing, Line Following Flight, Voice Control
Skill Level	Beginner
Battery Cell Composition	Lithium Ion
Flight Time	20-24 minutes (with 2 batteries)
Country of Origin	China



Foldable & Lightweight



0.25 lb

5.35 in

2.97 in

FAA Registration & Remote ID are not Required

Image: The FERIETELF T29 drone in its folded, compact state, demonstrating its portability. The image includes measurements (5.35 inches and 2.91 inches) and weight (0.25 lb), emphasizing its lightweight design.

WARRANTY AND SUPPORT

For the best experience, we recommend testing the drone in a spacious, calm, and windless area for your first flight. If you encounter any issues or require assistance, please contact FERIETELF customer support. Refer to your purchase

documentation for specific warranty details.

Manufacturer: FERIETELF

Manufacturer Contact Information: FERIETELF (as per product data, specific contact details not provided)

