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› TEEROK T13 Mini Drone User Manual

TEEROK T13-Q20 PRO

TEEROK T13 Mini Drone User Manual

Model: T13-Q20 PRO

INTRODUCTION

This manual provides essential information for the safe and effective operation of your TEEROK T13 Mini Drone. Please read it thoroughly before first use and retain it for future reference.

PACKAGE CONTENTS

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

- TEEROK T13 Mini Drone
- Remote Controller
- 3 x Drone Batteries
- USB Charging Cable
- Spare Propellers
- Screwdriver
- User Manual (this document)



Image: The TEEROK T13 Mini Drone, its remote controller, and three included batteries, illustrating the main components of the package.

PRODUCT FEATURES

- **720P HD Camera:** Capture clear aerial images and videos.
- **Live Transmission:** View real-time video feed via smartphone app.
- **Extended Flight Time:** Up to 40 minutes with 3 included batteries.
- **Multiple Flight Modes:** 3 speed modes for various skill levels.
- **3D Flips:** Perform acrobatic maneuvers with ease.
- **Headless Mode:** Simplifies control by eliminating orientation concerns.
- **Altitude Hold:** Maintains a stable height for easier flying.
- **One Key Start/Landing:** Simplifies take-off and landing for beginners.
- **Portable Design:** Lightweight and easy to carry.
- **Propeller Protection:** Guards protect propellers and users from injury.
- **Durable Construction:** High-quality ABS material for impact resistance.
- **Low Battery Auto-Landing:** Prevents crashes by landing automatically when battery is low.

FPV KAMERA

with Live Transmission



Camera mode



Video mode



Image: The TEEROK T13 drone in flight, highlighting its FPV camera and live transmission capability to a smartphone.



Image: Illustrations of the TEEROK T13 drone performing 3D flips and showing the progression through its three speed modes.

SETUP

1. Charging the Batteries

Connect the drone battery to the USB charging cable. Plug the USB cable into a 5V/1A USB adapter (not included). The indicator light on the cable will show charging status. A full charge typically takes about 60-80 minutes per battery. Ensure batteries are fully charged before each flight for optimal performance and safety.



Image: A close-up view of the three rechargeable batteries included with the TEEROK T13 drone.

2. Installing Drone Batteries

Carefully insert a charged battery into the battery compartment on the back of the drone until it clicks into place. Ensure it is securely fastened.

3. Remote Controller Setup

Insert 3 AAA batteries (not included) into the remote controller, observing polarity. Close the battery cover securely.

4. Propeller Installation (if necessary)

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 attached.

OPERATING INSTRUCTIONS

1. Pairing the Drone and Remote

1. Place the drone on a flat, level surface.
2. Turn on the drone's power switch. The drone's indicator lights will flash.
3. Turn on the remote controller.
4. Push the left joystick (throttle) all the way up, then all the way down. The drone's lights will become solid, indicating successful pairing.

2. One Key Start/Landing

After pairing, press the One Key Start button on the remote. The drone will automatically take off and hover at a stable altitude. Press the One Key Landing button to initiate an automatic landing.



EASY TO FLY

USER-FRIENDLY FOR BEGINNERS

Image: Visual representations of the drone's One Key Start/Landing, Headless Mode, and Altitude Hold functions, showing how they simplify flight.



Image: A TEEROK T13 drone hovering above a landing pad, with arrows indicating its ability to take off and land with a single button press.

3. Basic Flight Controls

- **Left Joystick (Throttle/Yaw):**
 - Push up/down: Ascend/Descend
 - Push left/right: Rotate left/right (Yaw)
- **Right Joystick (Forward/Backward/Left/Right):**
 - Push up/down: Fly forward/backward (Pitch)
 - Push left/right: Fly left/right (Roll)

4. Headless Mode

Press the Headless Mode button. In this mode, the drone's forward direction is always relative to the pilot's orientation, regardless of the drone's actual front. This simplifies control for beginners.



Image: A TEEROK T13 drone flying above a group of children, illustrating the concept of Headless Mode where the drone's orientation is relative to the controller.

5. Speed Adjustment

Press the Speed button to cycle through 3 different speed modes (low, medium, high). Start with low speed for beginners and gradually increase as you gain experience.

6. 3D Flips

While flying, press the 3D Flip button, then quickly push the right joystick in any direction (forward, backward, left, or right) to perform a 360-degree flip in that direction.

7. Using the Camera and App

Download the dedicated app (refer to the QR code in the quick start guide or packaging for the app name). Connect your smartphone to the drone's Wi-Fi network. Open the app to view the live video feed, capture photos, and record videos directly to your phone.



Image: A hand holding a smartphone, showing the live video feed from the TEEROK T13 drone's camera, demonstrating its FPV capability.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the drone and remote controller. Avoid using harsh chemicals or solvents.
- **Propeller Inspection:** Regularly check propellers for damage (bends, cracks). Replace any damaged propellers immediately using the provided spare parts and screwdriver.
- **Battery Care:**
 - Do not overcharge or over-discharge batteries.
 - Store batteries in a cool, dry place away from direct sunlight.
 - If not used for a long period, charge batteries to about 50% before storage.
- **Storage:** Store the drone and its components in a safe, dry place when not in use, away from extreme temperatures.



Full Range of Protection



Lack Of Protection

Image: The TEEROK T13 drone equipped with propeller guards, illustrating its full range of protection against impacts and for user safety.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not respond to remote.	Not paired; Low battery (drone or remote); Out of range.	Re-pair drone and remote; Charge/replace batteries; Fly within range.
Drone drifts during flight.	Not calibrated; Uneven surface at takeoff; Damaged propeller.	Calibrate the drone on a flat surface; Check and replace damaged propellers.
Poor camera image/no live feed.	Weak Wi-Fi signal; App not connected; Camera lens dirty.	Ensure strong Wi-Fi connection; Reconnect app; Clean camera lens.

Problem	Possible Cause	Solution
Short flight time.	Battery not fully charged; Old battery; Aggressive flying.	Fully charge battery; Consider replacing old batteries; Fly more gently.

SPECIFICATIONS

- **Model:** T13-Q20 PRO
- **Brand:** TEEROK
- **Weight:** 102 g
- **Camera:** 720P HD
- **Flight Time:** Up to 40 minutes (with 3 batteries)
- **Batteries:** 3 x AAA (for remote, not included), 3 x Drone Batteries (included)
- **Material:** High-quality ABS
- **Special Features:** Extended Flight Time, 360 Degree Flip, Speed Adjustment, Foldable, Auto-Landing, Headless Mode, Altitude Hold.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official TEEROK website. Keep your purchase receipt as proof of purchase for any warranty claims.

Return Policy: 30-day refund/replacement policy from the date of purchase (as per Amazon listing).

Manufacturer: TEEROK