GoolRC T36

GoolRC T36 Mini RC Quadcopter Drone User Manual

Model: T36

Introduction

This manual provides detailed instructions for the safe and effective operation of your GoolRC T36 Mini RC Quadcopter Drone. Please read this manual thoroughly before operating the drone to ensure proper setup, flight, and maintenance. Retain this manual for future reference.

What's in the Box

Carefully unpack all components and verify that all items are present and in good condition. If any items are missing or damaged, please contact customer support.

- GoolRC T36 Mini RC Quadcopter Drone
- Remote Control
- USB Charging Cable
- Spare Propellers (4 pieces)
- Lithium Polymer Batteries (2 pieces, 150mAh each)
- Screwdriver
- User Manual (this document)

Image: GoolRC T36 Mini RC Quadcopter Drone, remote control, and two 150mAh batteries.

Image: All components included in the GoolRC T36 package.

Setup

1. Charging the Drone Battery

The drone is powered by a 3.7V 150mAh Lithium Polymer battery. Use the provided USB charging cable to charge the battery.

1. Connect the drone battery to the USB charging cable.
2. Plug the USB end of the cable into a USB power source (e.g., computer USB port, USB wall adapter).
3. The indicator light on the USB charger will illuminate during charging and turn off when charging is complete.
4. Charging typically takes approximately 30 minutes. Do not overcharge the battery.

2. Installing Remote Control Batteries

The remote control requires three AAA batteries (not included).

1. Open the battery compartment on the back of the remote control.
2. Insert three AAA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment securely.

3. Pairing the Drone and Remote Control

Follow these steps to establish a connection between the drone and its remote control:

1. Place the drone on a flat, level surface.
2. Insert a charged battery into the drone and connect it. The drone's indicator lights will flash.
3. Turn on the remote control. The remote's indicator light will flash.
4. Push the left joystick (throttle) all the way up, then pull it all the way down.
5. Both the drone and remote control indicator lights will stop flashing and remain solid, indicating successful pairing.

Operating Instructions

Remote Control Overview

Image: Labeled diagram of the remote control for the GoolRC T36 drone.

- **Left Control Level (Throttle):** Controls altitude (up/down) and rotation (left/right).
- **Right Control Level (Direction):** Controls forward/backward and left/right movement. Press down for 3D Flip activation.
- **Indicator Light:** Shows remote control status.
- **Speed Key:** Adjusts flight speed (usually low, medium, high).
- **Left and Right Fly Fine-Tuning:** Adjusts horizontal drift.
- **Forward and Backward Fine-Tuning:** Adjusts vertical drift.
- **Power Switch:** Turns the remote control on/off.

Basic Flight

1. **Take-off:** After pairing, gently push the left joystick (throttle) upwards to lift off.
2. **Landing:** Slowly pull the left joystick (throttle) downwards to descend and land.
3. **Directional Control:** Use the right joystick to move the drone forward, backward, left, or right.
4. **Rotation:** Use the left joystick left or right to rotate the drone.

Special Flight Modes

- **3D Flip:** To perform a 3D flip, press down on the right joystick (direction control) and then push the joystick in the desired flip direction (forward, backward, left, or right). The drone will perform a 360-degree flip.
- **Headless Mode:** Activate Headless Mode by pressing the designated button on the remote (refer to remote diagram if available). In Headless Mode, the drone's orientation is relative to the pilot, regardless of the drone's actual front. This simplifies control for beginners.
- **One Key Return:** Press the One Key Return button (refer to remote diagram if available). The drone will attempt to fly back towards its take-off point. This feature is most effective when the drone is close to the take-off point and has a clear path.
- **Altitude Hold:** The GoolRC T36 features a built-in barometer that allows it to maintain a stable altitude automatically. This provides a more stable flight experience and can assist in capturing steady aerial images.

Image: The drone executing a One Key Return function, flying back to its starting point.

Image: The drone maintaining a consistent altitude, demonstrating the Altitude Hold feature.

Image: The drone executing a 360-degree flip, showcasing its acrobatic capabilities.

Flight Environment

The GoolRC T36 is designed for both indoor and outdoor use. For optimal performance and safety:

- **Indoors:** Ensure sufficient clear space, away from obstacles, people, and pets.
- **Outdoors:** Fly in calm weather conditions. Avoid strong winds, as they can affect drone stability and control due to its mini size and light weight.

Image: The GoolRC T36 drone in flight outdoors, demonstrating its maneuverability.

Features

- **Mini & Portable Size:** The compact design allows for easy transport and flight in various environments.
- **Integrated Protector:** The drone features an integrated propeller protector design, which helps reduce damage from minor impacts and crashes, enhancing durability.
- **2.4GHz 6-Axis Gyro:** Equipped with a 2.4GHz control system and a 6-axis gyroscope, the drone offers stable flight and precise control.

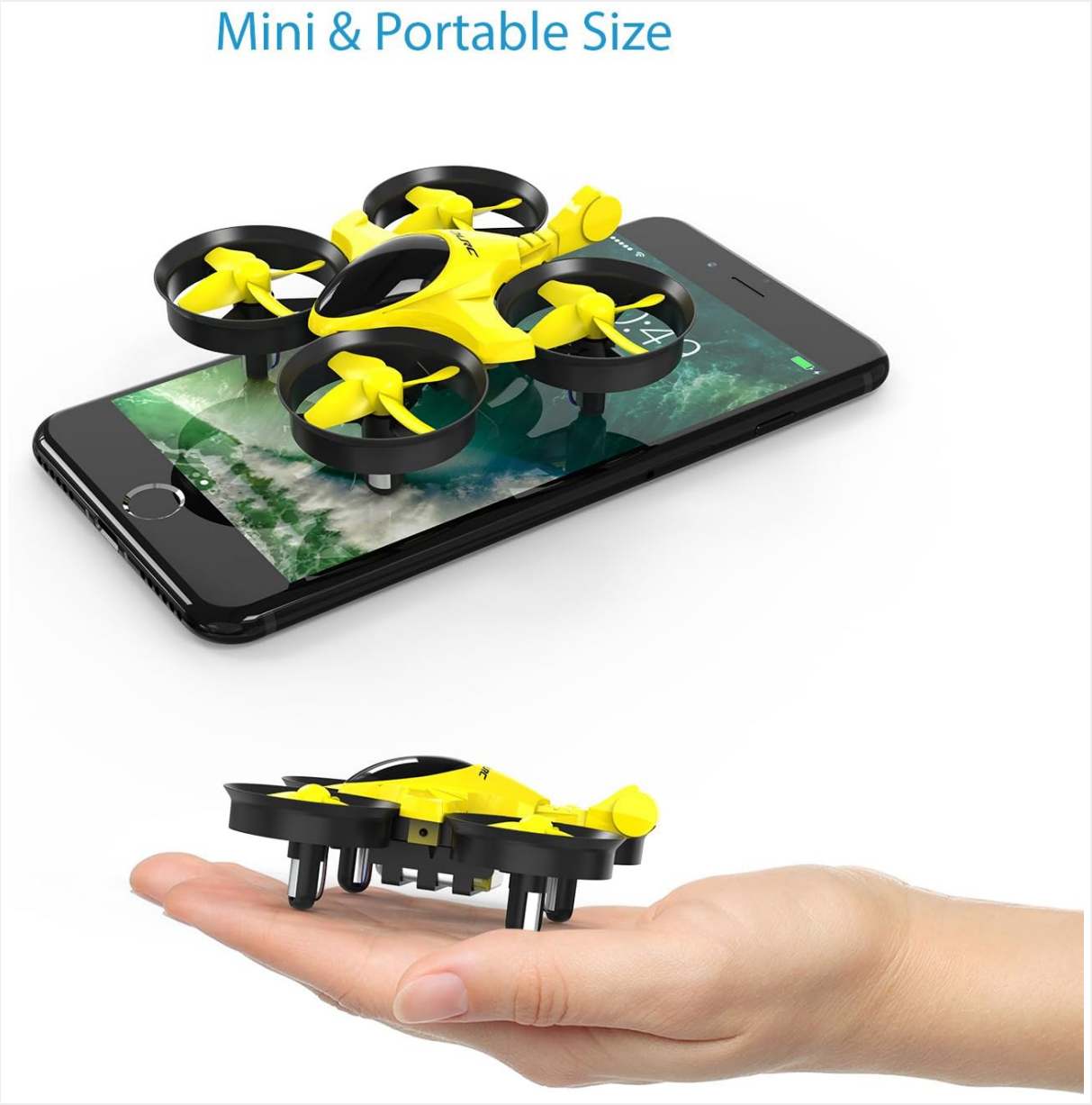

Image: The compact size of the GoolRC T36 drone, easily fitting in the palm of a hand.

Image: The integrated propeller protectors designed to minimize damage during collisions.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the drone and remote control. Avoid using water or chemical cleaners.
- **Propeller Replacement:** If a propeller is damaged, use the provided screwdriver to carefully remove the old propeller and install a new one. Ensure the correct propeller type (A or B) is installed on the corresponding motor.
- **Battery Care:** Store batteries in a cool, dry place. Do not expose them to extreme temperatures. If not used for an extended period, charge them periodically to maintain battery health.
- **Storage:** When not in use, store the drone and remote control in a safe place, away from direct sunlight and moisture.

Troubleshooting

Problem	Possible Cause	Solution

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 30 meters range.
Drone flies erratically or drifts.	Not calibrated, damaged propeller, strong wind.	Ensure drone is on a flat surface during pairing. Replace damaged propellers. Fly in calm conditions. Use fine-tuning buttons to adjust drift.
Drone does not take off.	Low battery, propellers blocked, motors damaged.	Charge drone battery. Check for obstructions around propellers. Contact support if motors appear damaged.
Short flight time.	Battery not fully charged, old battery.	Ensure battery is fully charged. Consider replacing old batteries.

Specifications

- **Brand:** GoolRC
- **Model Name:** T36
- **Item Model Number:** 43207-5429
- **Material:** Plastic
- **Item Weight:** 7.2 ounces (0.45 Pounds)
- **Product Dimensions:** 5.91 x 5.51 x 3.5 inches
- **Control Type:** Remote Control
- **Wireless Communication Technology:** 2.4GHz
- **Maximum Range:** 30 Meters
- **Battery:** 1 Lithium Polymer battery required (150 Milliamp Hours)
- **Skill Level:** Beginner
- **UPC:** 759974623448
- **ASIN:** B072J5FRJ7

Safety Guidelines

- Always operate the drone in open areas, away from people, animals, and obstacles.
- Do not fly near airports, power lines, or restricted airspace.
- Keep fingers and hair away from rotating propellers.
- Supervise children during drone operation.
- Do not modify or disassemble the drone or its components.
- Use only original or approved replacement parts.
- Avoid flying in rain, snow, or strong winds.
- Ensure batteries are charged correctly and not damaged before use.

Product Demonstration

Watch this video for a visual demonstration of the GoolRC T36 Mini Drone's features and flight capabilities.

Your browser does not support the video tag.

Video: GoolRC T36 Mini drone demonstration, showcasing its flight and features.

Warranty and Support

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

Related Documents - T36

	TRANSFORMERS TF-T36 True Wireless BT Headphones User Manual and FCC Compliance User manual and FCC compliance information for the TRANSFORMERS TF-T36 True Wireless BT headphones, manufactured by Shenzhen Qishun Innovation Technology Development Co., LTD.
	SUGON T36 Nano Soldering Station: Features and Operation Detailed information on the SUGON T36 Nano Soldering Station, highlighting its rapid heating, nano tip technology, magnetic induction sleep system, and quick tip replacement features. Includes operational guidance and product specifications.
	KUKIY HM-T36 True Wireless Earbuds User Manual Official user manual for the KUKIY HM-T36 True Wireless Earbuds. This guide provides comprehensive instructions on setup, pairing, controls, audio streaming, call management, product care, troubleshooting, and technical specifications. Includes FCC and IC compliance statements.
	Novatek-Electro SCT-T Series Current Transformer Operating Manual Operating manual for Novatek-Electro SCT-T series split core current transformers, covering models SCT-T24, SCT-T36, and SCT-T50. Includes technical specifications, application, product description, safety guidelines, warranty, and contact information.
	Grote Vehicle Lighting Technical Specifications, Warranties, and Product Catalog Comprehensive technical information from Grote Industries, including limited warranties, installation guidelines, detailed product specifications for LED work lamps, wire size charts, and extensive part number interchange tables for trailer, truck, and bus lighting components.


Trekhaken - Attelages - Anhängevorrichtungen - Towbars

Mazda Tribute 4x4 - Ford Maverick

2001- ....

GDW Ref. 1312

GDW nv - Hoogeslagveld 23 - B-8750 Wingene

[GDW Tow Bar Installation Guide for Mazda Tribute / Ford Maverick (2001-)]

Comprehensive installation guide and technical specifications for the GDW tow bar (Ref. 1312) designed for Mazda Tribute and Ford Maverick vehicles from 2001 onwards. Includes multilingual fitting instructions, component lists, and torque specifications.