FLYCOLOR C73

FLYCOLOR Turbo 1/76 Scale Mini RC Car (Model C73) User Manual

Your guide to operating and maintaining your high-performance mini RC car.

1. INTRODUCTION

Welcome to the world of precision remote-controlled racing with your new FLYCOLOR Turbo 1/76 Scale Mini RC Car, Model C73. This manual provides essential information for setting up, operating, and maintaining your vehicle to ensure optimal performance and longevity. Please read this manual thoroughly before first use.

2. PACKAGE CONTENTS

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

- 1x FLYCOLOR Turbo 1/76 Scale Mini RC Car (Model C73)
- 1x 2.4G Remote Controller (P21)
- 1x Type-C Charging Cable
- 2x Spare Car Body Shells (original color)
- 1x Set of Spare Tires (for drift)
- 1x Set of Spare Tires (for speed)
- Mini Cones for practice
- User Manual

3. SETUP

3.1. Charging the RC Car Battery

The RC car is equipped with a built-in 40mAh Lithium Polymer battery.

1. Locate the Type-C charging port on the underside of the RC car.
2. Connect the provided Type-C charging cable to the car and to a suitable USB power source (e.g., computer, USB wall adapter).
3. The charging indicator light on the car will illuminate during charging and turn off when fully charged.

4. Charging time is approximately 30 minutes for up to 30 minutes of operation.

Image: The underside of the FLYCOLOR Turbo C73 RC Car showing the Type-C charging port. The car is grey with green stripes and has LED lights.

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Video: Demonstrates the charging process of the mini RC car using the Type-C port and shows the car in various use scenarios.

3.2. Installing Remote Controller Batteries

The P21 remote controller requires 4x AAA batteries (not included).

1. Open the battery compartment on the back of the remote controller.
2. Insert 4x AAA batteries, ensuring correct polarity.
3. Close the battery compartment securely.

3.3. Pairing the Remote Controller and Car

The car and remote controller are typically pre-paired. If re-pairing is needed:

1. Ensure both the car and remote controller are powered off.
2. Turn on the RC car. The car's LED lights will flash.

3. Turn on the remote controller. The remote's indicator light will flash.

4. Once paired, the car's LED lights and the remote's indicator light will become solid.

4. OPERATING INSTRUCTIONS

4.1. Basic Controls

- **Throttle Trigger:** Pull to move forward, push to brake/reverse.
- **Steering Wheel:** Turn left or right to steer the car.
- **Speed Switch:** Adjust between 20%, 50%, and 100% speed limits.
- **Gyro Adjustment:** Fine-tune the gyroscope sensitivity for stable drifting.
- **Light Switch:** Control the high simulation headlights (double flash function) and chassis LED lights (controlled by channel 3).

Image: The P21 remote controller and the FLYCOLOR Turbo C73 RC Car, showing their relative sizes and key control features on the remote.

4.2. THR-Curve Upgrade

The THR-Curve has been upgraded for enhanced control:

- The first 50% of the accelerator provides a slow, linear speed increase for gentle control.
- The latter 50% of the accelerator delivers faster, stronger power output for exciting acceleration.

4.3. Swappable Tires

Your car comes with two sets of tires: one for speed and one for drifting.

1. To change tires, gently pull the existing tires off the wheel hubs.
2. Align the new tires with the wheel hubs and push them firmly into place.
3. Ensure all tires are securely attached before operation.

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Video: Demonstrates the mini RC car drifting and maneuvering around cones, highlighting its agility and control. It also shows the process of changing tires.

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Video: Features the Turbo Racing 1:76 Scale Drift RC Car performing drifts on a track, showcasing its performance capabilities.

5. MAINTENANCE

5.1. Cleaning

Regular cleaning helps maintain performance and extends the lifespan of your RC car.

- Use a soft, dry cloth to wipe down the car body and remote controller.
- Remove any dust or debris from the wheels and chassis using a small brush or compressed air.
- Avoid using water or chemical cleaners, as these can damage electronic components.

5.2. Battery Care

- Always fully charge the car battery before storage.
- Do not overcharge or completely discharge the battery.
- Remove AAA batteries from the remote controller if not in use for extended periods.

5.3. Removable Car Shell

The car body shell is designed to be easily disassembled for customization or maintenance.

- The car shell and chassis are easily buckled, requiring no screws for replacement.
- Two additional car body shells are included for customization.

Integrate all functional units in the limit space

The miniature electronic control unit and power unit as well as the high-precision, low-center-of-gravity chassis design are all integrated in the limit space. The car shell and the chassis are easily buckled, and no screws are required for replacement.
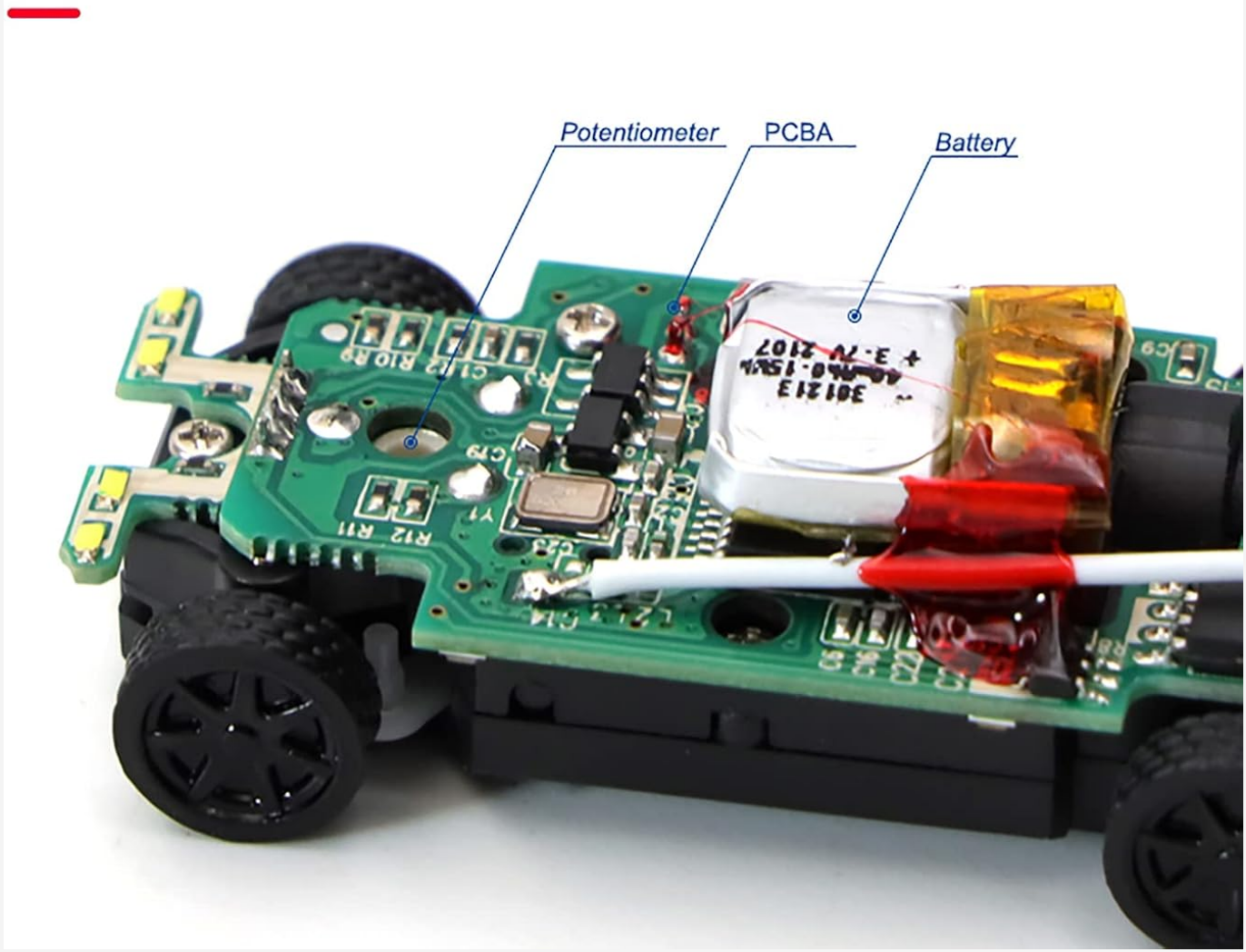

Image: Detailed view of the FLYCOLOR Turbo C73 RC Car's internal components, including the potentiometer, PCBA, and battery, demonstrating its integrated design.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Car does not respond to remote.	Low battery in car or remote; not paired.	Charge car battery; replace remote batteries; re-pair car and remote.
Car moves slowly or inconsistently.	Low car battery; speed setting too low; debris in wheels.	Charge car battery; adjust speed setting on remote; clean wheels.

Problem	Possible Cause	Solution
Difficulty drifting or unstable handling.	Incorrect tires for surface; gyro sensitivity needs adjustment.	Switch to drift tires; adjust gyro setting on remote.
Lights not working.	Light switch off; low car battery.	Toggle light switch on remote; charge car battery.

7. Specifications

- **Model:** C73
- **Scale:** 1/76
- **Dimensions:** 1.57 x 0.59 x 0.59 inches
- **Weight:** 9.1 ounces
- **Battery (Car):** 40mAh Lithium Polymer (included)
- **Charging Port:** Type-C
- **Charging Time:** Approximately 30 minutes
- **Operating Time:** Up to 30 minutes
- **Remote Control:** 2.4G P21 (requires 4x AAA batteries, not included)
- **Features:** Proportional throttle and steering, THR-Curve upgrade, High simulation LED headlights (double flash), Chassis LED lights, Taillights, Stoplights, DIY removable car shell, Swappable tires (speed/drift).
- **Recommended Age:** 14 years and up

8. Warranty Information

This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the product packaging or contact FLYCOLOR customer support for specific warranty terms and conditions. Keep your purchase receipt as proof of purchase.

9. Customer Support

For technical assistance, troubleshooting, or general inquiries, please visit the official FLYCOLOR website or contact our customer support team.

- **FLYCOLOR Store:** Visit the FLYCOLOR Store on Amazon
- **Online Support:** Refer to the contact information provided on the product packaging.