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## FLYCOLOR C65

# FLYCOLOR Turbo Racing 1:76 Scale C65 Drift RC Car User Manual

Model: C65 | Brand: FLYCOLOR

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your FLYCOLOR Turbo Racing 1:76 Scale C65 Drift RC Car. This miniature remote-controlled car features full proportional steering, a 2.4GHz remote control, and an integrated gyroscope for enhanced drift performance. Please read this manual thoroughly before use to ensure proper function and longevity of your product.

## PACKAGE CONTENTS

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

- 1:76 C65 Drift RC Car (1 unit)
- P21SVC 4CH Remote Control (1 unit)
- Car Shells without color (2 units)
- Stainless Steel Screwdriver (1 unit)
- Type-C Charging Cable (1 unit)
- User Manual (1 unit)
- Packing Box (1 unit)



Image: Contents of the Turbo Racing C65 Drift RC Car package, showing the car, remote control, two unpainted body shells, and charging cable.

## SETUP

### 1. Charging the RC Car Battery

The RC car is equipped with a built-in 3.7V 55mAh LiPo battery. Before first use, fully charge the car battery.

1. Connect the provided Type-C charging cable to the charging port on the RC car.
2. Connect the other end of the Type-C cable to a compatible USB power source (e.g., computer USB port, USB wall adapter).
3. The charging indicator light on the car will show charging status (refer to car's specific LED behavior for full charge indication).
4. A full charge typically takes approximately 40 minutes. The car will operate for up to 30 minutes on a full charge.

**Caution: Do not use USB-C to USB-C fast chargers, as the car's small battery may not be designed to handle high charging voltages.**

### 2. Installing Remote Control Batteries

The P21SVC remote control requires 4 AAA batteries (not included).

1. Locate the battery compartment on the back of the remote control.
2. Open the battery compartment cover.
3. Insert 4 AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

### 3. Pairing the Remote Control and Car

To establish a connection between the remote control and the RC car:

1. Ensure both the RC car and the remote control are powered on.
2. Locate the BIND pin hole on the RC car.
3. Using the provided stainless steel screwdriver or a similar small tool, press and hold the button inside the BIND pin hole.
4. The front lights of the vehicle will flash during the pairing process.
5. Once successfully paired, the front lights will change from flashing to permanently on.

**Important: When powering on, avoid touching the throttle trigger on the remote control to prevent unintended automatic movement of the car.**

### 4. Attaching Replaceable Body Shells

The C65 Drift RC Car comes with two additional unpainted body shells, allowing for customization.

1. Gently remove the currently attached body shell by carefully lifting it from the chassis.
2. Align the new body shell with the mounting points on the chassis.
3. Press down firmly until the shell is securely attached.

## OPERATING INSTRUCTIONS

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### 1. Basic Controls

- **Steering:** Use the steering wheel on the remote control to turn the car left or right. The C65 features full proportional steering for precise control.
- **Throttle:** Use the trigger on the remote control to move the car forward or backward. Pull the trigger for forward motion, push it for reverse. The car has proportional throttle control.

# Steering/driving in a very small space

Turbo Racing's innovative patented design a full-proportional remote control model miniature steering system, full-proportional control (steering/driving) in a very small space of a mini car.

Patent No:202020917526.7



Image: The miniature C65 RC car on a desktop, highlighting its suitability for steering and driving in small spaces.

# Greater steering angle

With a larger steering angle, full proportion control, and desktop drift, beginners can easily enjoy the fun of drifting!



Image: The C65 RC car demonstrating its greater steering angle, enabling desktop drifting for beginners.

## 2. Lighting Functions

- **Headlights:** The car features high simulation headlights with a spotlight effect and a double flash function.
- **Chassis Lights:** The LED chassis lamp can be controlled using Channel 3 on your remote control.
- **Tail Lights/Stop Lights:** The car has functional tail lights. During braking, the stoplights will illuminate.

# High simulation headlights, LED light on chassis

The high simulation headlights have a spotlight effect and the double flash function. The chassis lamp can be controlled by Channel 3.



Image: The C65 RC car showcasing its high simulation headlights and LED chassis lighting.

# TAILLIGHT STOPLIGHTS

Cool taillight. During braking, the stoplights are on.



Image: Rear view of the C65 RC car, illustrating its cool taillights and functional stoplights that activate during braking.

### 3. THR-Curve Upgrade

The C65 features an upgraded THR-Curve for refined throttle response:

- The first half (0-50%) of the accelerator range provides a slow, linear speed increase, offering gentle and smooth control.
- The second half (50-100%) of the accelerator range provides a faster speed increase with strong power output, suitable for more dynamic driving and drifting.



Image: The C65 RC car in motion, emphasizing the upgraded gyroscope chip and program for improved stability and easier drifting.

## MAINTENANCE

### 1. Cleaning

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

- Use a soft, dry cloth to wipe down the car body and chassis.
- Avoid driving on surfaces with excessive dust or pet hair, as these can accumulate in moving parts. If necessary, the car is designed for easy disassembly for cleaning.
- Do not use water or chemical cleaners directly on electronic components.

### 2. Battery Care

- Always fully charge the car battery before use.
- Do not overcharge or completely discharge the LiPo battery.

- Store the car and remote control in a cool, dry place when not in use.
- Remove AAA batteries from the remote control if storing for extended periods to prevent leakage.

### 3. Body Shell Replacement

The removable body shells allow for easy replacement or customization. Handle them gently to avoid damage.

## TROUBLESHOOTING

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Refer to the following common issues and their solutions:

Problem	Solution
Car not moving in a straight line	Check if the remote control's ST-TRIM is centered. Adjust ST-TRIM to correct the car's straight-line movement.
Automatic forward/backward movement	Align the TH-TRIM arrow on the remote control with the center point while powered on. Then, turn off and restart the remote control. Ensure the throttle trigger is not touched during startup.
Car unstable or shaking during operation	Instability may occur due to terrain or high speed. If operating at 100% speed, insufficient grip can cause deviation. Adjust speed or driving surface.
Remote control and car not paired (re-code)	With both remote and car powered on, use a tool to press the BIND pin hole on the vehicle. The front lights will flash, then become solid when pairing is successful.

## SPECIFICATIONS

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- **Model Name:** C65 Drift RC Car
- **Scale:** 1:76
- **Frequency Band:** 2.4GHz
- **Control Distance:** 30 meters
- **Working Time:** Up to 30 minutes
- **Slope Angle:** 30 degrees
- **Drive Mode:** Two-wheel drive
- **Steering:** Proportional steering
- **Battery:** 3.7V 55mAh LiPo (included)
- **Charging Time:** Approximately 40 minutes
- **Trim Function:** Yes
- **Steering Reverse (REV):** Yes
- **Car Dimensions:** 60 x 25.6 x 17.3 mm (2.36 x 1.01 x 0.68 inches)
- **Item Weight:** 12.3 ounces
- **Manufacturer:** FLYCOLOR
- **Recommended Age:** 14 years and up

## SAFETY INFORMATION

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Please observe the following safety guidelines:

- **Choking Hazard:** Small parts. Not for children under 14 years.
- Always operate the RC car in a safe environment, away from people, pets, and obstacles.
- Do not operate near water or in wet conditions.
- Do not modify the product, as this may void the warranty and create safety risks.
- Dispose of batteries responsibly according to local regulations.

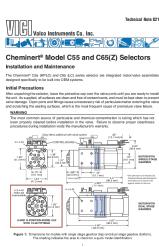
## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official FLYCOLOR website. Keep your proof of purchase for any warranty claims.

Official Website: [www.turboracing.net](http://www.turboracing.net)

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## Related Documents - C65

	<p><a href="#">Cheminert® Model C55 and C65(Z) Selectors: Installation and Maintenance Guide</a></p> <p>Comprehensive installation and maintenance guide for VICI Cheminert® Model C55 and C65(Z) selectors, covering initial precautions, electrical connections, motor control, jumper settings, serial communication, and cleaning procedures.</p>
	<p><a href="#">JYD-C65 Helmet Headset: User Manual and Installation Guide</a></p> <p>Comprehensive user manual for the JYD-C65 Helmet Headset, detailing features, installation, operation, and specifications for motorcycle communication.</p>
	<p><a href="#">SSV Works RZ4-2ARC Polaris RZR XP Turbo S 2-Speaker Kit Installation Guide</a></p> <p>Step-by-step installation guide for the SSV Works RZ4-2ARC 2-Speaker Kit, featuring Kicker speakers, for the Polaris RZR XP Turbo S. Includes parts list, tools required, warranty information, and detailed instructions for wiring, amp tray installation, speaker pod mounting, and battery connections.</p>
 <p>Operating Instructions Compact Stereo System SC-C65</p>	<p><a href="#">Technics SC-C65 Compact Stereo System Operating Instructions</a></p> <p>Explore the features and operation of the Technics SC-C65 Compact Stereo System with these comprehensive operating instructions. Learn about its audio quality, connectivity options, and how to get the most out of your device.</p>

 <p>Technics® OTTAVA® Brusansvning Kompakt stereosystem SC-C65</p>	<p><a href="#"><u>Technics SC-C65 Kompakt Stereosystem - Bruksanvisning</u></a> Komplett bruksanvisning för Technics SC-C65 kompakt stereosystem. Lär dig om installation, funktioner som Space Tune™, ljudkvalitet, anslutningar (Bluetooth, AirPlay 2, USB, CD) och felsökning för en optimal ljudupplevelse.</p>
 <p>C65 HUTT Window Cleaning Robot Product Manual www.huttwisdom.com</p>	<p><a href="#"><u>HUTT C65 Ikkunanpuhdistusrobotti - Käyttöopas</u></a> Kattava käyttöopas HUTT C65 -ikkunanpuhdistusrobotille. Sisältää asennus-, käyttö-, turvallisuus- ja vianmääritysohjeet sekä tekniset tiedot.</p>