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## Actualia D43-02

# Actualia D43-02 1:43 Full Proportional RC Drift Car Instruction Manual

## INTRODUCTION

Welcome to your Actualia D43-02 1:43 Full Proportional RC Drift Car. 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.

- **Authentic Scale Design:** Features a 1:43 scale design with an alloy finish, replicating the aesthetics of a real sports car.
- **Controlled Drifting:** Equipped with a built-in adjustable gyroscope for smooth and precise drifting maneuvers.
- **Responsive Controls:** Offers full proportional control for accurate acceleration, braking, and steering adjustments.
- **Versatile Performance:** Includes two sets of wheels (grip and drift) and independent suspension for adaptability across various surfaces.

## SAFETY INFORMATION

No specific warnings applicable beyond general remote control vehicle safety guidelines. Adhere to the following precautions:

- Always operate the vehicle in open, safe areas, away from people, pets, and obstacles.
- Do not operate the vehicle near water or in wet conditions to prevent electrical damage.
- Adult supervision is recommended for users under 15 years of age.
- Avoid operating the vehicle in public streets or areas with vehicle traffic.
- Do not touch moving parts during operation to prevent injury.

## PACKAGE CONTENTS

Please verify that all the following items are included in your package:

- 1x Actualia D43-02 Remote Control Car
- 1x Remote Control Handle

- 1x USB Charging Cable
- 4x Roadblocks
- 4x Spare Tires (Drift Tires)
- 1x Screwdriver



Image: All components included in the Actualia D43-02 package, including the RC car, remote control, USB charging cable, roadblocks, spare tires, and screwdriver.

## COMPONENTS OVERVIEW

Familiarize yourself with the main components of your RC car and remote control for proper operation and maintenance.

### RC Car Internal Components

The D43-02 features a robust internal structure designed for optimal performance and durability.

# FINGRRTIPS SPEED! Breaking the contrains of space

PLAY FREELY ANYTIME



1:43 REPLICA OF CLASSIC STREAMLINE  
METALLIC TEXTURE AND UNIQUE COLOR MATCHING

Image: An exploded view diagram illustrating the internal components of the RC car, including the servo, EPS gyroscope, bearings, shocking spring, battery compartment, transmission gear, and metal drive shaft.

## Remote Control

The remote control provides precise command over the vehicle's movements and functions.



Image: The Actualia D43-02 RC car displayed alongside its remote control, highlighting the ergonomic design and control layout.

## SETUP

### Charging the Car Battery

The RC car is equipped with a built-in 3.7V 300mAh rechargeable battery.

1. Locate the charging port on the RC car.
2. Connect the small end of the included USB charging cable to the car's charging port.
3. Connect the larger end of the USB cable to a standard USB power adapter (not included) or a computer USB port.
4. The indicator light on the USB cable will illuminate (e.g., red) to indicate charging is in progress.
5. Charging typically takes approximately 50-60 minutes. The indicator light will turn off or change color when charging is complete.

### Installing Remote Control Batteries

The remote control requires 2x AA batteries (not included).

1. Locate the battery compartment on the back of the remote control.

2. Open the battery compartment cover.
3. Insert 2 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

## OPERATING INSTRUCTIONS

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### Power On/Off

- To power on the car, slide the power switch located on the chassis to the 'ON' position.
- To power on the remote control, slide its power switch to the 'ON' position.
- To power off, reverse these steps.

### Pairing

The car and remote control are designed to automatically pair when both are powered on. If pairing does not occur, turn both devices off and then on again, ensuring they are in close proximity.

### Driving Controls

The remote control provides full proportional control for precise vehicle manipulation.

- **Throttle Trigger:** Pull the trigger towards you to accelerate forward. Push the trigger away from you to brake or reverse.
- **Steering Wheel:** Turn the steering wheel left or right to control the car's direction.
- **Trim Adjustments:** Use the trim dials or buttons on the remote control to fine-tune steering and throttle. If the car pulls to one side when the steering wheel is centered, adjust the steering trim until it drives straight.

# "THE NÜRBURGRING CHAMPION IN YOUR HANDS"

ULTIMATE DRIFT PERFORMANCE



**1. FULL PROPORTIONAL THROTTLE** - PRECISION MEANS 100% CONTROL

**2. GYROSCOPE** - PREDICTS THE ROLL ANGLE AND INTERVENES IN ADVANCE

**3. FOUR-WHEEL DRIVE SYSTEM** - DISTRIBUTES TORQUE TO THE OUTER WHEELS TO INCREASE GRIP

**4. DIRECTION FINE-TUNING** - REAL-TIME CORRECTION OF THE EXIT ROUTE

Image: A visual representation detailing the functions of full proportional throttle, gyroscope, four-wheel drive system, and direction fine-tuning for enhanced control.

## Drifting

The built-in adjustable gyroscope assists in achieving controlled drifts. Practice smooth steering and throttle inputs to initiate and maintain drifts. Experiment with different speeds and turning angles to master drifting techniques.

# In the limited space Collect all of the functions

The micro electronic control unit and power unit as well as the high-precision, low-center-of-gravity chassis design are all integrated in the ultimate space.

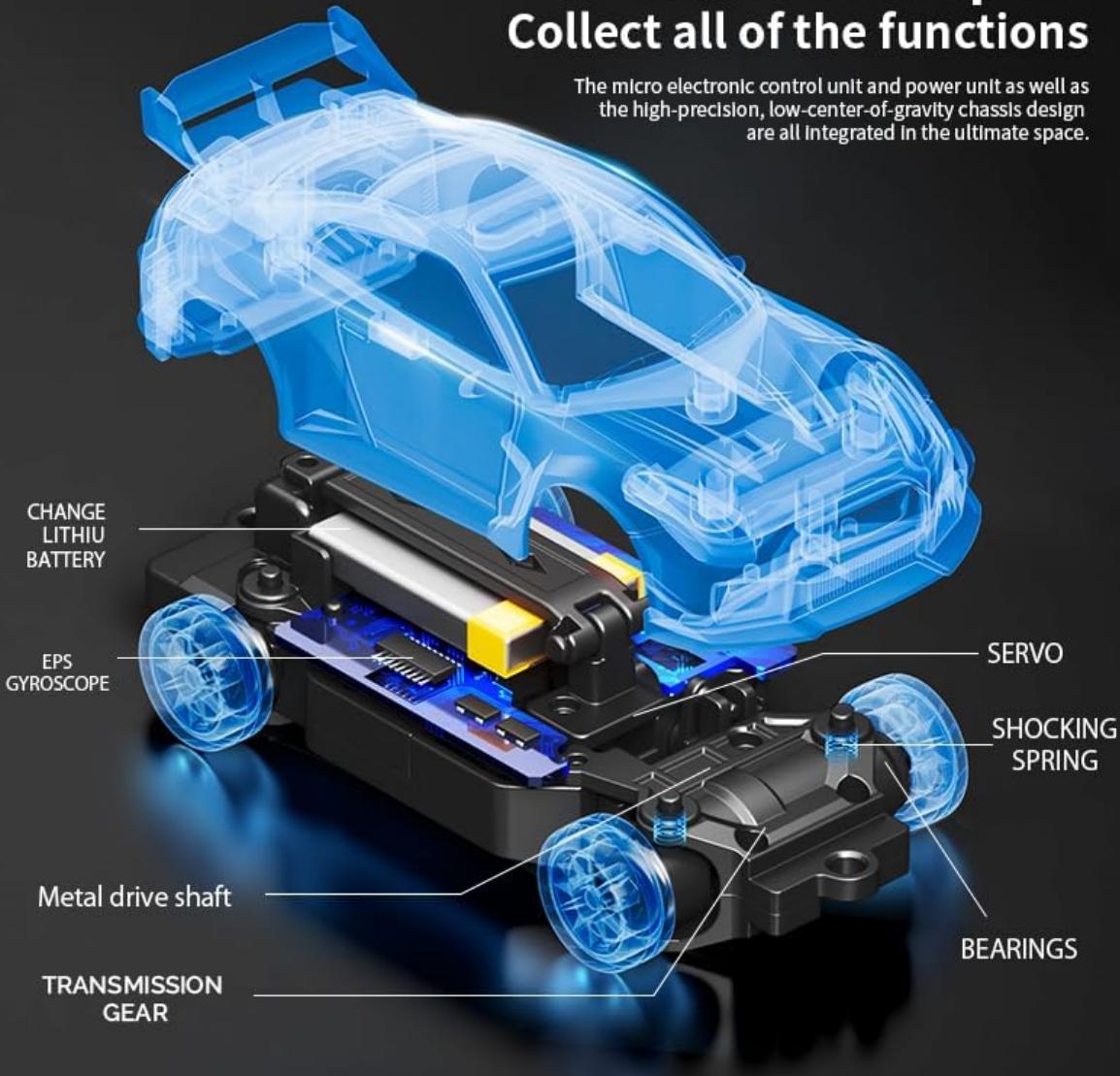


Image: Two RC cars demonstrating drifting maneuvers, highlighting the dynamic capabilities of the vehicle.

## Changing Tires

The car comes with two sets of tires: grip tires (typically pre-installed for racing) and drift tires (for sliding maneuvers). You can easily swap them using the included screwdriver.

1. Use the included screwdriver to carefully remove the wheel nuts from each wheel.
2. Gently pull off the current tires and wheels from the axles.
3. Install the desired set of tires and wheels onto the axles.
4. Secure them by re-attaching and tightening the wheel nuts. Do not overtighten.



Image: The RC car displayed with its various components, including two distinct types of tires (grip and drift) for different driving experiences.

## MAINTENANCE

### Cleaning

After each use, gently clean the car with a soft, dry cloth to remove any dust, dirt, or debris. Avoid using water or chemical cleaning agents, as these can damage electronic components.

### Storage

When not in use for extended periods, remove the AA batteries from the remote control to prevent leakage. Store the RC car and remote control in a cool, dry place, away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

If you encounter issues with your Actualia D43-02, refer to the table below for common problems and solutions.

Problem	Solution
Car does not respond to remote control.	Check if both the car and remote control are powered on. Ensure batteries in both devices are charged/fresh. Re-attempt pairing by turning both off and then on.
Car pulls to one side when driving straight.	Adjust the steering trim on the remote control until the car drives straight.
Reduced speed or erratic performance.	Recharge the car's built-in battery. Check for any debris or obstructions in the wheels or drivetrain.
LED lights are not working.	Ensure the car battery is sufficiently charged. Check for any visible damage to the LED wiring.

## SPECIFICATIONS

Detailed technical specifications for the Actualia D43-02 RC Drift Car.

Feature	Specification
Scale	1:43
Drive System	4WD (Four-Wheel Drive)
Material	Alloy, ABS, Nylon
Maximum Speed	20 km/h
Car Battery	3.7V 300mAh (built-in)
Remote Control Batteries	2 x AA (not included)
Charging Method	USB Charging Cable
Remote Control Time	25-35 minutes
Charging Time	50-60 minutes
Remote Control Distance	>35 meters
Car Dimensions (L x W x H)	11.7 x 5 x 3.5 cm (4.61 x 1.97 x 1.38 inches)
Product Weight	15.8 ounces (approx. 0.45 kg including packaging)
Recommended Age	15 years and up

## WARRANTY AND SUPPORT

For warranty information, technical support, or inquiries regarding your Actualia D43-02 RC Drift Car, please refer to the contact details provided with your purchase or visit the official Actualia website. It is recommended to retain your proof of purchase for any warranty claims.

