

XURUYI D43-01

XURUYI 1:43 RC Drift Car D43-01 Instruction Manual

Model: D43-01 | Brand: XURUYI

INTRODUCTION

Thank you for purchasing the XURUYI 1:43 RC Drift Car D43-01. This manual provides essential information for the safe operation, optimal performance, and proper maintenance of your remote-controlled vehicle. Please read this manual thoroughly before use to ensure a safe and enjoyable experience.

SAFETY INFORMATION

- This product is recommended for users aged 16 years and older.
- Always operate the RC car in a safe, open area, away from people, pets, and obstacles.
- Do not operate near water or in wet conditions to prevent electrical damage.
- Keep fingers, hair, and loose clothing away from moving parts.
- Never attempt to modify the product. Unauthorized modifications may cause damage or injury and void the warranty.
- Ensure the car and remote control are turned off when not in use or during charging.
- Use only the provided charging cable and battery.

PACKAGE CONTENTS

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

- 1 x RC Drift Car D43-01
- 1 x Remote Control
- 1 x Charging Cable (Type-C)
- 4 x Roadblocks
- 4 x Spare Tires (Drift or Racing set, depending on pre-installed)
- 1 x Screwdriver



Image: Overview of the RC car and its key components, including the remote, spare tires, and tools.

PRODUCT FEATURES

- **Full-Proportional Precision Control:** 1:43 scale 4WD RC drift car with EPS steering system, adjustable gyroscope, and all-bearing drivetrain for exceptional stability and smooth handling.
- **Premium Alloy Body Design:** High-precision die-cast alloy shell with a realistic paint finish.
- **Dual Driving Modes:** Easily switch between racing and drifting with two sets of interchangeable wheels/tires.
- **Dynamic LED Lighting:** Features front, rear, and chassis lights for enhanced visibility and aesthetic appeal.
- **Long Playtime & Fast Charging:** 300mAh battery provides up to 35 minutes of runtime and supports Type-C quick charging with fast battery swaps.

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: Diagram illustrating the internal components such as the lithium battery, EPS gyroscope, servo, shocking spring, metal drive shaft, transmission gear, and bearings.

SETUP

1. Battery Installation & Charging

1. **Car Battery:** The car comes with a built-in 300mAh lithium battery. Use the provided Type-C charging cable to connect the car to a USB power source (e.g., computer, USB wall adapter). The charging indicator will show charging status and turn off when fully charged.
2. **Remote Control Battery:** Insert 2x AA batteries (not included) into the remote control's battery compartment, ensuring correct polarity.

2. Pairing the Remote Control

1. Ensure both the car and the remote control are fully charged or have fresh batteries.
2. Turn on the remote control first. The indicator light on the remote will flash.
3. Turn on the RC car. The car's indicator light will flash.
4. Once paired, both indicator lights will become solid, indicating a successful connection.

5. *Important: Always turn on the remote control before the car to prevent unintended acceleration.*

3. Wheel/Tire Installation

The car includes two sets of tires: one for racing (grip) and one for drifting (low friction). Use the provided screwdriver to change tires as needed.



Image: The RC car, remote control, and a set of spare tires, demonstrating the interchangeable nature of the wheels for different driving styles.

OPERATING INSTRUCTIONS

1. Basic Controls

- **Throttle Trigger:** Pull to accelerate forward, push to brake/reverse.
- **Steering Wheel:** Turn left or right to steer the car.

2. Adjusting Gyroscope and Speed

The remote control features adjustments for gyroscope sensitivity and speed. Refer to the remote control diagram for specific button locations.

- **Gyroscope Adjustment:** Increases or decreases the car's stability during drifts. Higher settings provide more assistance, lower settings allow for more manual control.
- **Speed Adjustment:** Controls the maximum speed of the car. Start with a lower speed setting until you are comfortable with the controls.

3. Dynamic LED Lighting

The car is equipped with LED lights on the front, rear, and chassis. These lights activate automatically when the car is powered on, enhancing visibility and visual appeal during operation, especially in low-light conditions.



Image: The RC car illuminated by its dynamic LED lights, showcasing the front and chassis lighting.

4. Driving Modes

Switch between racing and drifting by changing the tires. Racing tires provide more grip for speed and precise turns, while drift tires allow for controlled slides and drifts.

Your browser does not support the video tag.

Video: Demonstration of the XURUYI 1:43 RC Drift Car D43-01/D43-02 in action, showcasing its drifting capabilities and speed.

MAINTENANCE

- **Cleaning:** After each use, gently wipe the car with a dry, soft cloth to remove dust and debris. Do not use water or chemical cleaners.
- **Battery Care:**
 - Do not overcharge or completely discharge the battery.
 - Store the battery in a cool, dry place when not in use.
 - If storing for extended periods, charge the battery to approximately 50% capacity.
- **Bearing Care:** The car features silent bearings. Avoid exposing them to excessive dirt or moisture. If performance degrades, inspect for debris and gently clean.
- **Storage:** Store the RC car and remote control in a dry, cool environment, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Car does not respond to remote.	Low battery in car or remote; not paired; out of range.	Charge car battery, replace remote batteries, re-pair car and remote, ensure car is within operating range.
Car accelerates immediately upon power-on.	Car powered on before remote control.	Turn off both car and remote. Power on remote first, then car.
Car drifts inconsistently or steering is off.	Gyroscope calibration issue; steering trim not adjusted.	Adjust the gyroscope sensitivity on the remote. Use the steering trim dial on the remote to fine-tune straight-line driving. If issues persist after a bump, the gyro may need recalibration (refer to advanced settings if available, or contact support).
Short operating time.	Battery not fully charged; aging battery.	Ensure battery is fully charged before use. Consider replacing the battery if it consistently holds less charge.

Your browser does not support the video tag.

Video: A brief overview of the XURUYI 1:43 RC Drift Car D43-01/02, demonstrating its features and handling.

SPECIFICATIONS

Feature	Detail
Brand	XURUYI
Model Name	D43-01
Scale	1:43

Feature	Detail
Drive System	4WD (Four-Wheel Drive)
Control Type	2.4G Full Proportional
Max Speed	Up to 20 KM/H
Battery	300mAh (approx. 35 minutes runtime)
Charging	Type-C Quick Charging
Material	Acrylonitrile Butadiene Styrene (ABS), Metal, Nylon
Item Weight	15.84 ounces
Item Dimensions	4.56 x 1.95 x 1.37 inches
Minimum Age	16 years (192 months)

WARRANTY AND SUPPORT

XURUYI products are designed for quality and performance. For warranty information, technical support, or assistance with your product, please refer to the contact information provided with your purchase or visit the official XURUYI website. Please retain your proof of purchase for warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question