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› Authticar Wltoys 284191 RC Drift Car User Manual

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Authticar Wltoys 284191 RC Drift Car User Manual

Model: 284191 | Brand: Authticar

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Authticar Wltoys 284191 RC Drift Car. This 1:28 scale, 4WD remote control car is designed for high-speed drifting with precise control and features LED lights for enhanced visibility.



Figure 1: Authticar Wltoys 284191 RC Drift Car

Key Features:

- **Vivid Experience:** Offers a realistic car control feel with high-speed driving, instant acceleration, braking, reverse, turning, and functional lights.
- **Advanced Chassis:** Features four-wheel shock absorption for adaptability on various terrains and a 5g 3-wire digital steering servo for flexible control.
- **Enhanced Stability:** Equipped with cool LED lights for nighttime use and a built-in gyroscope for improved stability and precise control during operation.
- **High Performance:** Strong grip, friction-proof tires, and an excellent motor deliver a top speed of 30km/h with a remote distance of up to 100 meters.
- **Extended Playtime:** Includes dual 7.4V 400mAh batteries, providing approximately 15 minutes of runtime per battery on a 30-minute charge.

SETUP

1. Battery Installation

Car Battery:

1. Carefully remove the car body shell to access the chassis.
2. Locate the battery compartment on the chassis.
3. Insert the provided 7.4V 400mAh LiPo battery into the compartment, ensuring correct polarity.
4. Connect the battery plug to the car's power connector.
5. Secure the car body shell back in place.

Remote Control Battery:

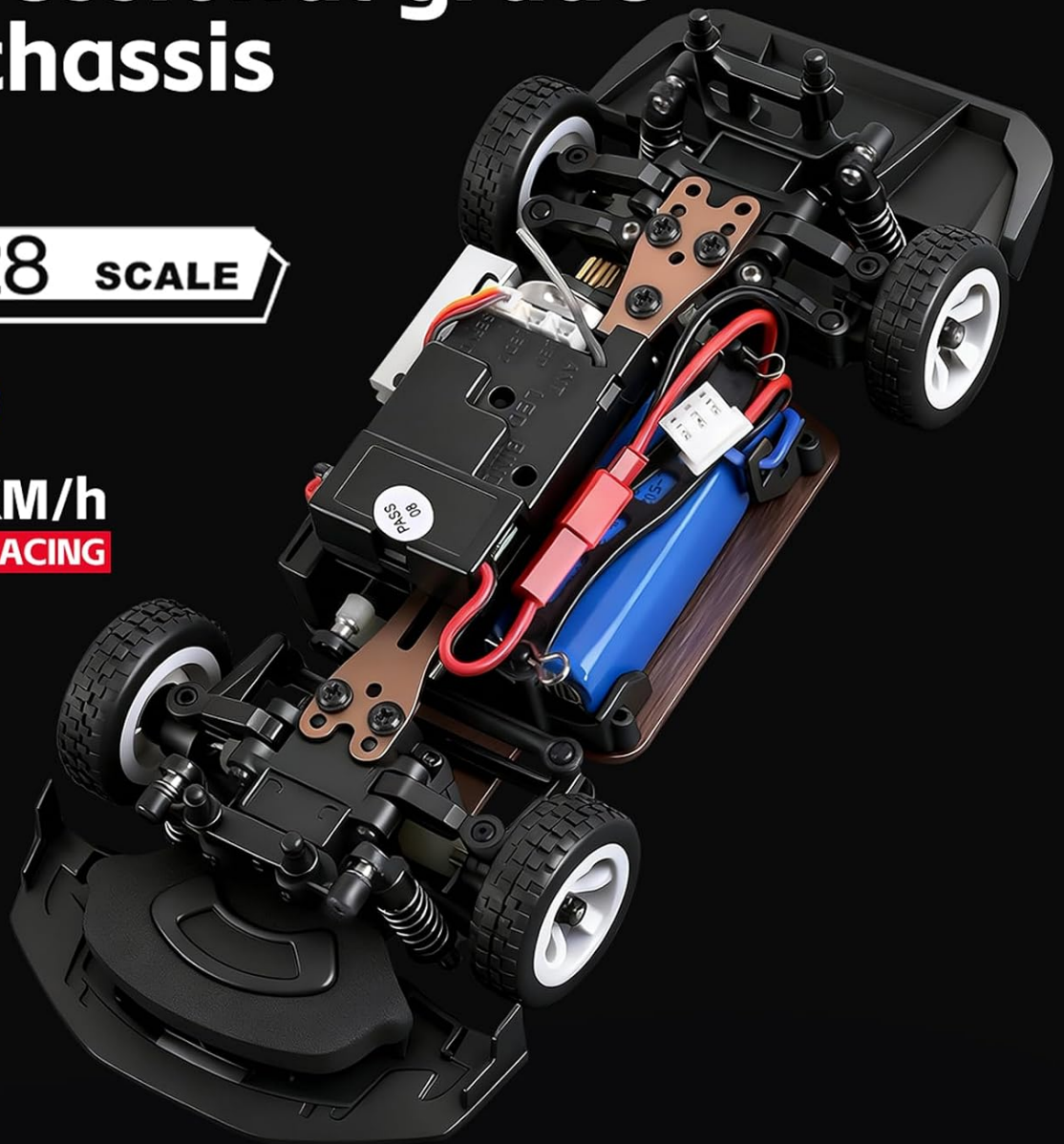
1. Open the battery cover on the back of the remote control.
2. Insert 2 AA batteries (not included) into the compartment, observing the correct positive (+) and negative (-) terminals.
3. Close the battery cover securely.

Professional grade RC chassis

1/28 SCALE

Alloy

30 KM/h
RACING



2. Charging the Battery

Use the provided USB charging cable to charge the 7.4V 400mAh LiPo battery. Connect the charger to a suitable USB power source (e.g., computer USB port, USB wall adapter). A full charge typically takes approximately 30 minutes and provides about 15 minutes of runtime.

3. Pairing the Remote Control

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

1. Ensure both the car and the remote control have fresh batteries installed.
2. Turn on the RC car first. The car's LED lights may flash.
3. Turn on the remote control. The remote's indicator light should flash.
4. Wait for a few seconds. The indicator lights on both the car and the remote control should become solid, indicating a successful pairing.
5. If pairing fails, turn off both devices and repeat the steps.

OPERATING INSTRUCTIONS

1. Remote Control Functions

Familiarize yourself with the remote control layout and functions:

2.4GHz Variable Speed Remote Control



Figure 3: Remote Control Functions

- **Direction Wheel:** Controls left and right steering.
- **ON/OFF Switch:** Powers the remote control on or off.
- **Steering Fine-Tuning:** Adjusts the steering trim to ensure the car drives straight when the wheel is centered.
- **Gyroscope Fine-Tuning:** Adjusts the gyroscope sensitivity for improved drift handling and stability.
- **Speed Adjustment:** Controls the overall speed limit of the car.
- **Forward and Backward Trigger:** Pull to accelerate forward, push to brake or reverse.

2. Driving the RC Car

Operate the car in an open, safe area free from obstacles and people. The 2.4GHz remote control provides a range of up to 100 meters.

- **Acceleration/Braking/Reverse:** Use the trigger to control forward movement, braking, and reverse.
- **Steering:** Use the direction wheel to turn the car left or right.
- **LED Lights:** The car features dynamic LED lights for enhanced visibility, especially during nighttime operation.

- **Gyroscope:** The built-in gyroscope assists in maintaining stability and precise control, particularly during high-speed maneuvers and drifting. Adjust the gyroscope fine-tuning for optimal performance.



Figure 4: RC Car in action with remote control

3. Drifting Techniques

The Wltoys 284191 is designed for drifting. Practice these techniques for optimal performance:

- **U-Shape Drift:** Initiate a turn while maintaining speed, then counter-steer to slide through the corner.
- **O-Circular Drift:** Maintain a continuous circular drift by balancing throttle and steering input.
- **8-Figure Drift:** Combine U-shape drifts to create a figure-eight pattern, alternating direction.

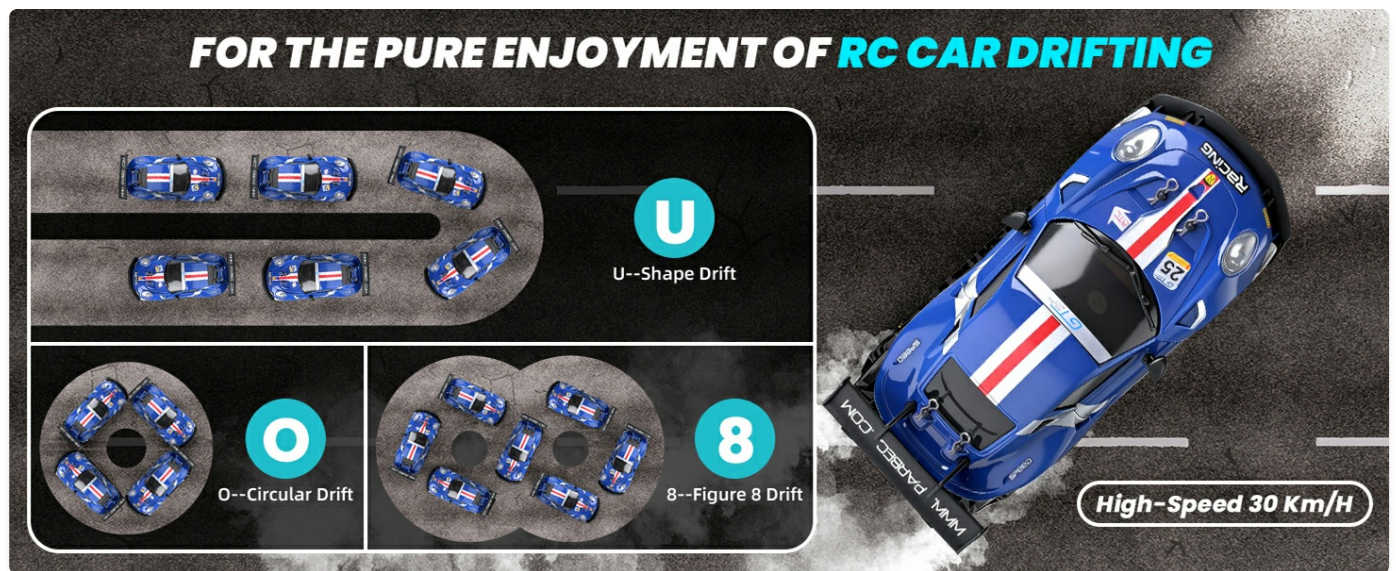


Figure 5: Common Drifting Patterns

4. Product Video

Watch the official product video for a demonstration of the Wltoys 284191 RC Drift Car in action.

Your browser does not support the video tag.

Video 1: Wltoys New RC Drift Car Show. This video demonstrates the car's drifting capabilities and overall performance on a track.

MAINTENANCE

1. Battery Care

- Always disconnect the battery from the car when not in use.
- Do not overcharge or over-discharge the LiPo battery.
- Store batteries in a cool, dry place away from direct sunlight and heat.
- If the battery swells, discontinue use immediately and dispose of it properly.

2. Cleaning

- After each use, gently wipe down the car body and chassis with a soft, dry cloth to remove dust and debris.
- Avoid using water or harsh chemicals, as these can damage electronic components.
- For hard-to-reach areas, use a soft brush or compressed air.

3. Component Inspection

Regularly inspect the following components:

- **Wheels and Tires:** Check for wear, damage, or debris lodged in the tires.
- **Suspension:** Ensure all four shock absorbers are functioning correctly and are not damaged.
- **Steering Servo:** Verify that the steering responds smoothly and accurately.
- **Body Shell:** Check for cracks or damage. The car features a metal R-buckle quick release design for easy body removal for maintenance.



Figure 6: Metal R-buckle Quick Release Design

TROUBLESHOOTING

If you encounter issues with your RC car, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Car does not respond to remote control.	Low battery in car or remote; not paired correctly; power switch off.	Charge car battery; replace remote batteries; ensure both are powered on and paired.
Car moves slowly or has reduced power.	Car battery low; motor issue.	Fully charge car battery; inspect motor for damage or debris.
Poor steering control or car drifts unexpectedly.	Steering trim or gyroscope fine-tuning incorrect; damaged steering servo.	Adjust steering fine-tuning and gyroscope fine-tuning on the remote; check steering servo for proper function.
LED lights not working.	Wiring issue; LED damage.	Check connections; if damaged, contact support for replacement parts.
Car makes unusual noises.	Debris in gears; damaged motor or drivetrain components.	Inspect gears for debris and clean; if noise persists, contact support.

SPECIFICATIONS

Below are the technical specifications for the Authticar Wltoys 284191 RC Drift Car:

Feature	Detail
Brand Name	Authticar
Model Name	Wltoys 284191

Feature	Detail
Scale	1:28 Scale
Top Speed	30 km/h
Drive System	4WD (Four-Wheel Drive)
Motor Type	7.4V High Speed Carbon Brush Motor
Remote Control Frequency	2.4GHz
Remote Control Distance	Up to 100 meters
Car Battery	7.4V 400mAh LiPo (Dual batteries included)
Charging Time	Approx. 30 minutes
Runtime per Battery	Approx. 15 minutes
Remote Control Batteries	2 AA batteries (not included)
Steering Servo	5g 3-wire digital steering servo
Special Features	Built-in Gyroscope, LED Lights, Four-wheel shock absorption, Professional chassis
Material Type	Plastic
Item Dimensions	6.85 x 4.29 x 2.28 inches
Recommended Age	Adult (Manufacturer Minimum Age: 192 months)

WARRANTY AND SUPPORT

This product is manufactured by Authticar. For any questions, technical support, or warranty inquiries, please contact the manufacturer directly through their official channels or the retailer where the product was purchased. Please retain your proof of purchase for any warranty claims.

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

you@example.com

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