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› GoolRC WLtoys 144010 RC Car User Manual

GoolRC 144010

GoolRC WLtoys 144010 RC Car User Manual

Model: 144010

INTRODUCTION

This user manual provides essential information for the operation, maintenance, and troubleshooting of your GoolRC WLtoys 144010 RC Car. Designed for high-speed racing and off-road adventures, this 1:14 scale remote control buggy features a powerful brushless motor and durable metal chassis. Please read this manual thoroughly before operating your RC car to ensure safe and optimal performance.



Image: The GoolRC WLtoys 144010 RC Car, its remote controller, battery, charging cable, and cross wrench, laid out on a white background.

What's in the Box

- 1 x GoolRC WLtoys 144010 RC Car
- 1 x Remote Controller
- 1 x Car Battery (7.4V 1500mAh rechargeable battery)
- 1 x Charging Cable
- 1 x Cross Wrench
- 1 x User Manual (this document)

KEY FEATURES

- **High Speed Performance:** Equipped with a super strong, powerful, and high-efficiency brushless motor, allowing speeds up to 75km/h.
- **2.4GHz Remote Control Frequency:** Features a 2.4GHz Radio System with anti-jamming capability for simultaneous racing. Control distance up to 100 meters with proportional throttle for better operability.
- **High Capacity Battery:** Includes a 7.4V 1500mAh rechargeable battery. Charge time is approximately 180 minutes for about 8 minutes of operation.
- **Durable Construction:** Built with a metal chassis for excellent body protection and durable zinc alloy gears.
- **Conquer Various Terrains:** Utilizes metal shock absorbers for adaptable performance on multiple terrains. Provides strong power torque for difficult maneuvers on beaches, snow, grass, mountain roads, and rock roads.

EXCITING

SUPER POWER

✓ 4WD REMOTE CONTROL CAR

✓ 2.4GHZ RC SYSTEM

✓ LARGE CAPACITY BATTERY

✓ POWERFUL HIGH SPEED MOTOR

**ELECTRIC 4WD
CLIMBING CAR**

**1/14
75km/h**

Image: The RC car on a sandy dune, highlighting its 4WD, 2.4GHz RC system, large capacity battery, and powerful high-speed motor.

SETUP GUIDE

1. Battery Installation

1. Ensure the RC car and remote controller are powered off.
2. Locate the battery compartment on the RC car. Refer to the internal components diagram for exact location.
3. Carefully insert the 7.4V 1500mAh rechargeable battery into the compartment, ensuring correct polarity.
4. Secure the battery compartment cover.
5. For the remote controller, open the battery cover on the back and insert 4 AA batteries (not included), observing polarity. Close the cover.



Image: An exploded view of the RC car's chassis, showing the brushless motor, 60A ESC, 7.4V 1500mAh lithium battery, servo, shock absorbers, front axle drive shaft, and non-slip tires.

2. Charging the Car Battery

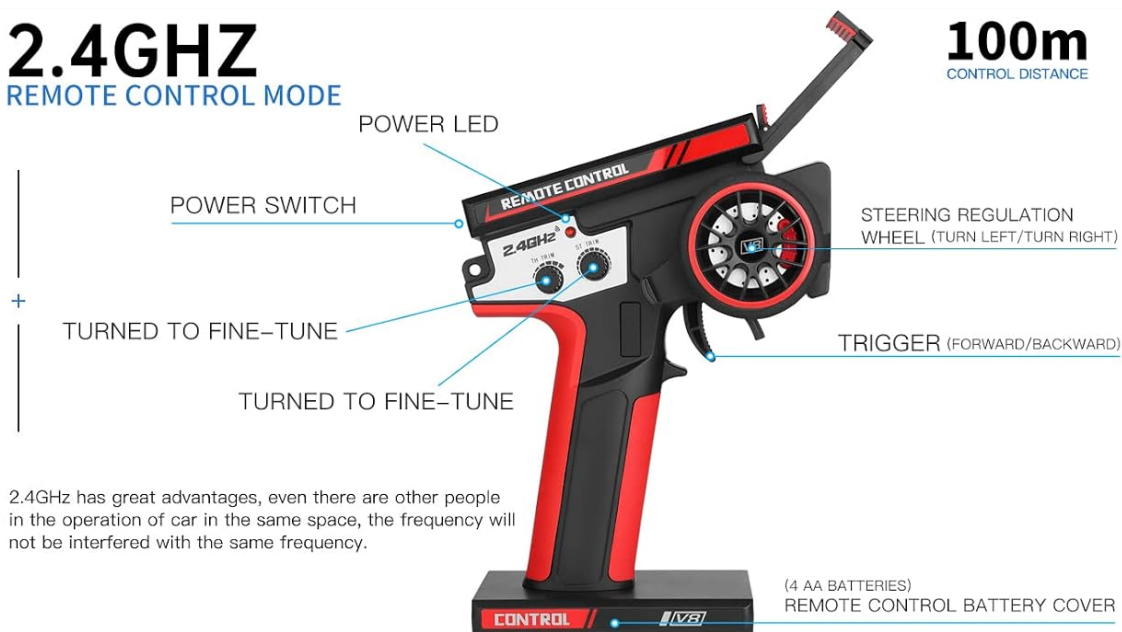
Use the provided charging cable to charge the 7.4V 1500mAh car battery. Connect the charging cable to the battery and a suitable USB power source. The charging indicator will show the charging status. A full charge takes approximately 180 minutes.

3. Pairing the Remote Controller

1. Turn on the RC car first.
2. Then, turn on the remote controller.
3. The remote controller and car should automatically pair. The indicator light on the remote will become solid when successfully paired.
4. If pairing fails, turn off both devices and repeat the process.

2.4GHZ REMOTE CONTROL MODE

100m
CONTROL DISTANCE



2.4GHz has great advantages, even there are other people in the operation of car in the same space, the frequency will not be interfered with the same frequency.

INTEGRATED MOBILE PHONE HOLDER

In order to facilitate the external camera to achieve real-time control vision, The remote control is equipped with a built-in mobile phone bracket for smooth play.



Image: The 2.4GHz remote control, showing the power switch, power LED, steering regulation wheel, trigger, and battery cover. It also illustrates the integrated mobile phone holder for real-time control vision.

OPERATING INSTRUCTIONS

Once the car and remote are paired, you are ready to operate your GoolRC WLtoys 144010 RC Car.

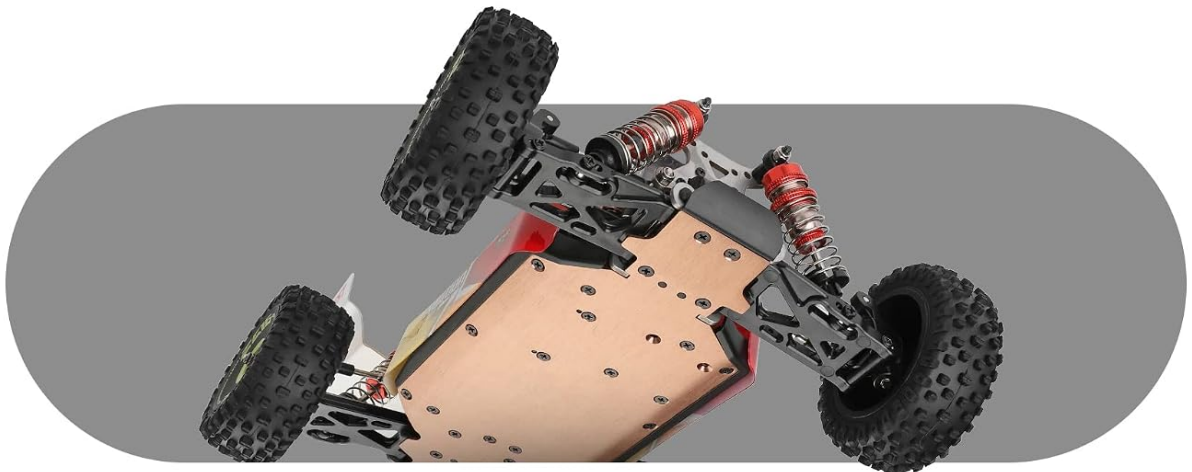
- **Throttle Control:** Use the trigger on the remote controller to control forward and backward movement. Pull the trigger

to accelerate forward, push it to brake or reverse.

- **Steering Control:** Use the steering wheel on the remote controller to turn the car left or right.
- **Fine-Tuning:** The remote controller has fine-tune adjustments for steering and throttle to ensure the car drives straight and responds accurately. Adjust these as needed for optimal control.
- **Terrain Adaptability:** The car is designed for various terrains including sand, grass, and rocky paths. Adjust your driving style according to the surface.

Your browser does not support the video tag.

Video: Official demonstration of the GoolRC WLtoys 144010 RC Car in action, showcasing its speed and off-road capabilities on sandy terrain.



All-metal chassis

With a cool appearance and an all-metal chassis, this exquisite workmanship gives you a different experience.

Image: The RC car kicking up sand while driving, emphasizing its robust all-metal chassis and powerful driving force.

- **Cleaning:** After each use, especially in dusty or sandy environments, gently clean the car to remove dirt and debris. Use a soft brush or compressed air.
- **Battery Care:** Always fully charge the battery before storage and discharge it to about 50% if storing for extended periods. Do not overcharge or over-discharge.
- **Inspections:** Regularly inspect the wheels, suspension, and chassis for any damage or loose parts. Tighten screws as needed using the provided cross wrench.
- **Lubrication:** Periodically check and lubricate moving parts, especially gears and bearings, to ensure smooth operation and prevent wear.



BRUSHLESS MOTOR

Using brushless motor, fast speed, high efficiency, speed up to 75Km/h. High quality motor to make horsepower more powerful, faster than the same type of car.

INDEPENDENT 60A ELECTRIC MODULATION • INDEPENDENT RECEIVER • INDEPENDENT STEERING GEAR

Zinc alloy gear

Using zinc alloy gear, than ordinary plastic gear wear resistance, durability has been significantly improved.

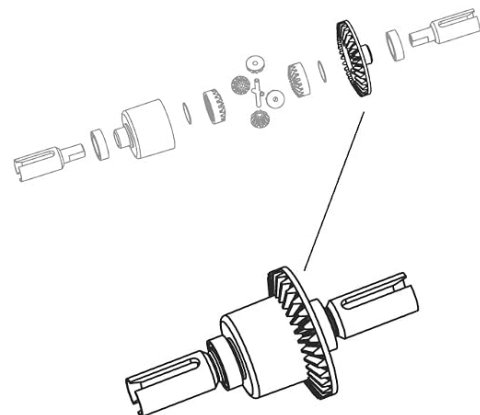


Image: Detailed view of the brushless motor and zinc alloy gears, highlighting their robust construction for durability and high performance.

Problem	Possible Cause	Solution
Car does not respond to remote.	Low battery in car or remote; not paired; interference.	Charge car battery, replace remote batteries, re-pair car and remote, move away from interference sources.
Reduced speed or short run time.	Battery not fully charged; battery degradation; motor/gear issues.	Ensure full charge, consider battery replacement if old, check for debris in gears.
Car pulls to one side.	Steering trim incorrect; damaged steering components.	Adjust steering fine-tune on remote, inspect steering linkage and servo for damage.
Unusual noises during operation.	Debris in gears; worn gears; loose components.	Clean gears, inspect for wear, tighten any loose screws.

SPECIFICATIONS

Feature	Detail
Model	144010
Scale	1:14
Motor Type	Brushless Motor
Max Speed	Up to 75 km/h
Remote Control Frequency	2.4GHz
Control Distance	Up to 100 meters
Battery	7.4V 1500mAh Lithium Ion (included)
Charging Time	Approx. 180 minutes
Run Time	Approx. 8 minutes
Chassis Material	Metal
Recommended Age	14 years and up
Item Weight	4.18 pounds
Package Dimensions	16.54 x 8.74 x 6.06 inches
Country of Origin	China

WARRANTY AND SUPPORT

GoolRC provides a warranty for this product. If you encounter any problems or have questions regarding your GoolRC WLtoys 144010 RC Car, please contact the seller or GoolRC customer support directly. They are committed to providing a satisfactory solution.

For further assistance, please refer to the contact information provided with your purchase or visit the official GoolRC website.

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