

GoolRC G2016

GoolRC 1/12 Scale 2.4GHz RC Tank Car (Model G2016) User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your GoolRC 1/12 Scale 2.4GHz RC Tank Car, Model G2016. Please read this manual thoroughly before first use to ensure proper setup and to maximize your experience with this remote control military vehicle.

2. PRODUCT OVERVIEW

The GoolRC RC Tank Car is a 1/12 scale remote-controlled military vehicle designed for off-road use. It features a 2.4GHz control system for interference-free operation and a powerful motor for speeds up to 12km/h. Its track design allows for versatile movement across various terrains.

Key Features:

- **Functions:** Forward, backward, turning left and right, 360° rotating.
- **Terrain Capability:** Operates easily on land, sandy beaches, and grasslands.
- **Control System:** 2.4GHz transmitter for stable, interference-free control.
- **Design:** Full-scale proportional control, simulation dual flow drive gearbox.
- **Maneuverability:** Rotates 360° in situ, crosses grooves up to 10cm, climbs slopes up to 30°, and has a wading depth of 5cm.
- **Additional Features:** Openable gull-wing door, front wheel self-adjusting track tightness.
- **Battery:** 7.4V 1200mAh rechargeable lithium battery provides up to 20 minutes of playtime.

Product Components:



Image showing the RC Tank Car, remote control, charging cable, and battery.

The package includes the GoolRC RC Tank Car, a 2.4GHz remote control, a 7.4V 1200mAh lithium battery, a USB charging cable, and the product manual.



The GoolRC 1/12 Scale RC Tank Car in white, showcasing its robust design.

Visual Features:

LED BRIGHT LIGHT



The tank features bright LED lights for enhanced visibility and realism.



ABS MATERIAL



SIMULATION TRACK



**EFFICIENT DAMPING
SYSTEM**



**FRONT AND REAR
ANTI-COLLISION**

Detailed view of the ABS material construction, simulation track, efficient damping system, and front/rear anti-collision features.

3. SETUP

Battery Installation:

1. **Tank Battery:** Locate the battery compartment on the underside of the tank. Open the compartment cover, connect the 7.4V 1200mAh lithium battery, and securely close the cover.
2. **Remote Control Batteries:** Open the battery compartment on the back of the remote control. Insert the required batteries (not included, typically AA) according to the polarity indicators. Close the cover.

Charging the Battery:

Connect the provided USB charging cable to the 7.4V 1200mAh lithium battery. Plug the USB end into a compatible USB power source (e.g., computer, USB wall adapter). The charging indicator light will show the charging status. Ensure the battery is fully charged before first use (approximately 2-3 hours).

Pairing the Remote Control:

1. Turn on the RC Tank Car using the switch on its underside.
2. Turn on the remote control. The indicator light on the remote will blink.
3. The remote control and tank will automatically pair. Once paired, the indicator light on the remote will become solid, and the tank will be ready for operation.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the remote control layout and functions before operating the tank. The 2.4GHz system ensures responsive control.

Basic Controls:

- **Forward/Backward:** Use the throttle trigger on the remote control to move the tank forward or backward.
- **Turn Left/Right:** Use the steering wheel on the remote control to turn the tank left or right.
- **360° Rotation:** The tank can perform a 360-degree rotation in place by manipulating both tracks simultaneously in opposite directions via the remote control.

Terrain Navigation:

The GoolRC RC Tank Car is designed for various terrains including land, sand, and grass. Its robust track system and efficient damping allow it to handle uneven surfaces, climb slopes up to 30 degrees, and cross ditches up to 10cm wide. It can also navigate shallow water with a wading depth of up to 5cm.

Operational Demonstration:

Your browser does not support the video tag.

Official video demonstrating the GoolRC RC Tank Car's capabilities on various terrains, including climbing, drifting, and water navigation.

5. MAINTENANCE

Cleaning:

After each use, especially after operating in dusty, sandy, or wet conditions, clean the tank. Use a soft, dry cloth to wipe down the exterior. For tracks, use a small brush to remove debris. Avoid using water directly on electronic components.

Battery Care:

- Always fully charge the battery before storage.
- Do not overcharge or over-discharge the battery.
- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- If the tank will not be used for an extended period, remove the battery from both the tank and the remote control.

Track Maintenance:

Periodically check the track tightness. The front wheel features a self-adjusting mechanism to maintain optimal tension. Ensure no foreign objects are lodged in the tracks or gears, which could impede movement or cause damage.

6. TROUBLESHOOTING

If you encounter issues with your GoolRC RC Tank Car, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tank does not respond to remote control.	Low battery in tank or remote; not paired; interference.	Charge/replace batteries. Re-pair the remote and tank. Move to an area with less interference.
Tank moves slowly or lacks power.	Low battery in tank; debris in tracks/gears.	Fully charge the tank battery. Clean tracks and gears.
Tracks fall off frequently.	Excessive force during operation; worn tracks; loose axles.	Operate with care. Check for damage to tracks or axles. Ensure track tightness is maintained.
Intermittent control.	Weak signal; battery issues.	Ensure fresh batteries in remote. Operate within recommended range.

If the problem persists after attempting these solutions, please contact GoolRC customer support.

7. SPECIFICATIONS

- **Product Dimensions:** 13.5 x 6.85 x 5.7 inches
- **Item Weight:** 4.64 pounds
- **Item Model Number:** G2016
- **Manufacturer Recommended Age:** 16 years and up
- **Batteries:** 1 Lithium Ion battery required (included)
- **Manufacturer:** GoolRC

8. WARRANTY AND SUPPORT

GoolRC is committed to providing quality products. This product comes with a standard return policy allowing for a refund or replacement within 30 days of purchase. For any issues or inquiries, please contact our store without hesitation. We are honored to serve you.

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