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GoolIRC MN99

GoolIRC MN99 RC Rock Crawler 1:12 Scale Remote Control Car Instruction Manual

Model: MN99

1. INTRODUCTION

This manual provides essential information for the safe operation, setup, and maintenance of your GoolIRC MN99 RC Rock Crawler. Please read this manual thoroughly before operating the vehicle to ensure proper function and longevity.

2. PACKAGE CONTENTS

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

- 1x Remote Control Car
- 1x Remote Controller
- 1x Car Battery (7.4V Lithium Ion)
- 1x Charging Cable
- 1x Instruction Manual (this document)

1* Remote Control Car



1* Remote Controller



2* Battery



1* Charging Cable

Image: Package contents showing the GoolRC MN99 RC Rock Crawler, remote controller, battery, and charging cable.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your RC Rock Crawler and its remote control.

3.1 RC Car

- **Chassis:** Upgraded alloy skeleton for durability.
- **Tires:** Rubber vacuum tires designed for strong grip on various surfaces.
- **Suspension:** Four anti-slip wheels connected by shockproof springs.
- **Lights:** Front LED lights for visibility.
- **Motor:** 260 Gear Box with mini motor.



Image: The GoolRC MN99 RC Rock Crawler, highlighting its overall design.

VACUUM TIRES, STRONG GRIP.



Image: Detailed view of the vacuum tires, designed for strong grip.

260 GEAR BOX

WITH THE MINI MOTOR



Image: Illustration of the 260 Gear Box and mini motor.

3.2 Remote Controller

- **Frequency:** 2.4GHz for high frequency and rapid response.
- **Controls:** Forward, backward, left turn, right turn.
- **Range:** Approximately 100m control distance.

4. SETUP

4.1 Battery Installation

1. Ensure the RC car and remote controller are powered off.
2. Locate the battery compartment on the underside of the RC car. Open the compartment cover.
3. Connect the 7.4V Lithium Ion battery to the car's power connector.
4. Carefully place the battery into the compartment and close the cover securely.
5. For the remote controller, open its battery compartment (usually on the back). Insert 2x AA batteries (not

included) according to the polarity markings. Close the compartment.

4.2 Charging the Car Battery

1. Connect the charging cable to the car battery.
2. Plug the USB end of the charging cable into a standard USB power adapter (e.g., phone charger, computer USB port).
3. The indicator light on the charging cable will show the charging status (refer to charger instructions for specific light patterns).
4. Charging typically takes 2-3 hours. Do not overcharge the battery.
5. Disconnect the battery from the charger once fully charged.

4.3 Pairing the Remote Control

1. Turn on the RC car by pressing its power switch.
2. Turn on the remote controller.
3. The remote controller and car should automatically pair. An indicator light on the remote will confirm successful pairing (e.g., solid light).
4. If pairing fails, turn off both devices and repeat the process.

5. OPERATING INSTRUCTIONS

5.1 Basic Controls

- **Forward/Backward:** Use the trigger on the remote control. Pull to move forward, push to move backward.
- **Left/Right:** Use the steering wheel on the remote control to turn the car left or right.
- **LED Lights:** The front LED lights activate automatically when the car is powered on, providing illumination for night operation.

5.2 Driving on Various Terrains

The GoolRC MN99 is designed for off-road use and can adapt to various terrains:

- **Rough Terrains:** The 4WD system and shockproof springs allow for stable operation on surfaces like sand, grass, and gravel.
- **Climbing:** The vehicle is capable of climbing inclines up to 45 degrees. Approach obstacles slowly and maintain steady throttle control.

MULTI-SITE ADAPTATION



Image: The RC car demonstrating multi-site adaptation on different terrains.

45° CLIMBING STRONG CLIMBING



Image: The RC car climbing a 45-degree incline.

FRONT LIGHT UNHINDERED ACCESS AT NIGHT



Image: Front LED lights providing illumination during night operation.

6. MAINTENANCE

6.1 Cleaning

- After each use, especially in dirty or dusty conditions, gently wipe down the car with a soft, dry cloth.
- Remove any debris from the wheels, suspension, and chassis to prevent interference with moving parts.
- Do not use water or harsh chemicals to clean the electronic components.

6.2 Storage

- Store the RC car and remote control in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove batteries from both the car and the remote control if storing for extended periods to prevent leakage.

6.3 Battery Care

- Always use the provided charging cable.

- Do not leave batteries charging unattended.
- If the battery becomes hot during charging or use, discontinue use immediately.
- Dispose of damaged or swollen batteries properly according to local regulations.

7. 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 devices; Operate within 100m range.
Short operating time.	Battery not fully charged; Old/damaged battery.	Ensure full charge; Consider replacing battery if performance degrades significantly.
Car moves slowly or inconsistently.	Low battery; Obstruction in drivetrain; Damaged motor.	Charge battery; Check for debris in wheels/gears; Contact support if motor is suspected.
Steering is off-center.	Steering trim not adjusted.	Use the direction adjustment button on the remote control to fine-tune steering.

8. SPECIFICATIONS

Feature	Detail
Model Number	MN99
Scale	1:12
Remote Control Frequency	2.4GHz
Drive System	4WD (Four-Wheel Drive)
Car Battery	7.4V Lithium Ion (1200mAh)
Operating Time	Approximately 20-30 minutes
Control Distance	Approximately 100 meters
Recommended Age	14 years and up
Item Weight	3.36 pounds
Package Dimensions	14.84 x 9.21 x 8.35 inches

9. SAFETY INFORMATION

- Always operate the RC car in open areas, away from people, pets, and obstacles.
- Do not operate near public roads or in crowded areas.
- Avoid operating in wet conditions or through puddles to prevent damage to electronics.
- Keep fingers, hair, and loose clothing away from moving parts.
- Adult supervision is recommended for users under the recommended age.

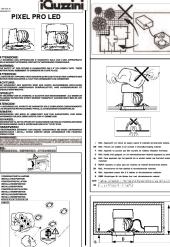
- Never attempt to modify the vehicle or its components, as this may void the warranty and create safety hazards.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided at the point of purchase or visit the official GoolRC website. Keep your purchase receipt as proof of purchase.

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Related Documents - MN99

	<p><u>MN-99S RC Car Product Operation Manual</u></p> <p>Detailed operation manual for the MN-99S RC remote-controlled car, covering setup, battery installation, operation guide, troubleshooting, and safety precautions.</p>
	<p><u>Product Reviews and Buying Guides: Jump Starters, Apparel, Costumes, and More</u></p> <p>Explore comprehensive product reviews and buying guides for various consumer items, including automotive essentials like jump starters and air compressors, men's fashion apparel, and popular costumes, curated by The Amazing Bees.</p>
	<p><u>iGuzzini PIXEL PRO LED: Technical Specifications, Installation & Maintenance Guide</u></p> <p>Detailed technical guide for the iGuzzini PIXEL PRO LED luminaire. Covers product specifications, dimensions, electrical compatibility (DALI, Touch-Dim), performance data (power factor, absorbed current), optical assembly adjustments, safety warnings (EN 62471), maintenance procedures, and end-of-life disposal instructions. Includes a comprehensive list of model numbers.</p>