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> ARRMA 1/16 Quake GROM 4X4 RTR Brushed Monster Truck Instruction Manual

## ARRMA ARA2137T2

# ARRMA 1/16 Quake GROM 4X4 RTR Brushed Monster Truck Instruction Manual

Model: ARA2137T2 | Brand: ARRMA

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation, setup, and maintenance of your ARRMA 1/16 Quake GROM 4X4 RTR Brushed Monster Truck. Please read this entire manual carefully before operating the vehicle to ensure proper function and to prevent damage or injury.

## IMPORTANT SAFETY INFORMATION

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**WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property, and cause serious injury. This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not use with incompatible components or alter this product in any way outside of the instructions provided by Horizon Hobby, LLC. The product manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.**

## WHAT'S IN THE BOX

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- 1/16 QUAKE GROM 4X4 RTR Brushed Monster Truck (Green)
- Brushed 380-Size Motor
- Spektrum SLT2 2-Channel Transmitter
- Spektrum SLT 25A Waterproof ESC/Receiver Combo
- Spektrum SX110 Waterproof Servo

- Battery (Spektrum 2S LiPo)
- Spektrum S10 Smart G2 Mini 2S USB-C Charger
- 4 AA Transmitter Batteries
- Hex Wrench
- Instruction Manual

## KEY FEATURES

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- Quick release clipless body retention system
- High-traction 4WD drivetrain
- Easy-access battery tray for secure battery installation
- Reinforced chassis for enhanced durability
- Powerful Spektrum 2S LiPo battery and safe, easy-to-use Smart charger

## SETUP GUIDE

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### 1. Charging the Battery

Before first use, fully charge the included Spektrum 2S LiPo battery using the Spektrum S10 Smart G2 Mini 2S USB-C Charger. Connect the charger to a suitable USB-C power supply (not included, QC 2.0/3.0 18W+ recommended). Connect the battery to the charger and allow it to charge until the indicator light shows completion. Refer to the charger's specific instructions for detailed charging procedures.



Image: The included Spektrum S10 Smart G2 Mini 2S USB-C Charger and Spektrum 2S LiPo Battery.

## 2. Installing Transmitter Batteries

Install the 4 AA batteries into the Spektrum SLT2 2-Channel Transmitter. Ensure correct polarity.

***NOT INCLUDED***

***YOU WILL REQUIRE THESE ITEMS TO RUN THE VEHICLE...***



# USB POWER SUPPLY

with QC 2.0/3.0 18W+

(SPEKTRUM® SPMX-1027 SHOWN)



Image: The Spektrum SLT2 2-Channel Transmitter.

### 3. Installing the Vehicle Battery

Remove the clipless body from the truck. Open the easy-access battery tray. Connect the charged Spektrum 2S LiPo battery to the ESC/Receiver combo. Secure the battery in the tray and reattach the body.



Image: The underside of the ARRMA Quake GROM showing the easy-access battery tray.

#### **4. Binding the Transmitter and Receiver**

Your vehicle and transmitter should come pre-bound. If re-binding is necessary, refer to the detailed instructions in the full instruction manual provided with the product.

## **OPERATING INSTRUCTIONS**

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### **1. Powering On**

First, turn on the transmitter. Then, turn on the vehicle's power switch. The vehicle's lights will indicate it is ready for operation.

### **2. Basic Controls**

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

### 3. Driving Tips

Start with slow speeds to get accustomed to the controls. The vehicle features a high-traction 4WD drivetrain, making it suitable for various terrains including dirt and sand. Avoid operating in wet conditions despite the waterproof electronics, to prolong component life.



Image: The ARRMA Quake GROM Monster Truck on a paved surface.



Image: The ARRMA Quake GROM Monster Truck jumping over a ramp on a sandy beach.

## 4. Speed Settings

The Spektrum SLT2 transmitter may offer adjustable throttle limits, allowing for reduced speed for beginners. Consult your transmitter manual for details on adjusting these settings.

Your browser does not support the video tag.

Video: Official ARRMA video showcasing the Quake GROM in action, demonstrating its speed and handling on various terrains.

## MAINTENANCE

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### 1. Cleaning

After each use, especially in dusty or dirty environments, clean the vehicle to remove debris. Use a soft brush or compressed air to clean the chassis, suspension components, and motor area. Avoid using water directly on electronic components.

## 2. Inspection

Regularly inspect all screws, nuts, and bolts for tightness. Check the suspension components, wheels, and tires for any damage or wear. Ensure all electrical connections are secure.



Image: Underside view of the ARRMA Quake GROM chassis, showing suspension and drivetrain components.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle not responding	Low battery in vehicle or transmitter; Not bound; Power switch off.	Charge vehicle battery, replace transmitter batteries; Re-bind transmitter/receiver; Ensure both are powered on.

Problem	Possible Cause	Solution
Reduced performance/speed	Low vehicle battery; Motor/ESC overheating; Debris in drivetrain.	Recharge battery; Allow components to cool; Clean drivetrain.
Steering issues	Damaged servo; Loose steering linkages; Incorrect trim settings.	Inspect servo and linkages; Adjust steering trim on transmitter.

For more complex issues, refer to the complete instruction manual or contact ARRMA customer support.

## SPECIFICATIONS

Feature	Detail
Brand Name	ARRMA
Model Name	ARRMA RC Truck 1/16 QUAKE GROM 4X4 RTR Brushed Monster Truck
Model Number	ARA2137T2
Scale	1:16 Scale
Power Source	Battery Powered
Battery Type	Lithium-Ion Polymer (2S LiPo included)
Motor Type	Brushed 380-Size Motor
Drivetrain	4WD
Transmitter	Spektrum SLT2 2-Channel
ESC/Receiver	Spektrum SLT 25A Waterproof Combo
Servo	Spektrum SX110 Waterproof
Charger	Spektrum S10 Smart G2 Mini 2S USB-C Charger
Material Type	Plastic
Item Dimensions (L x W x H)	15 x 10.25 x 10.55 inches
Minimum Age	14+ years (168 months)

## WARRANTY AND SUPPORT

The ARRMA 1/16 Quake GROM 4X4 RTR Brushed Monster Truck comes with a 2-year warranty. For detailed warranty information, technical support, or replacement parts, please refer to the full instruction manual included with your product or visit the official ARRMA website. Contact information for Horizon Hobby, the manufacturer, can also be found in the product documentation.