

ARRMA ARA2102T3

ARRMA RC Truck 1/18 Granite GROM MEGA 380 Brushed 4X4 Monster Truck RTR Instruction Manual

Model: ARA2102T3

1. OVERVIEW

The ARRMA GRANITE GROM 4X4 Monster Truck is a compact, 1/18 scale ready-to-run (RTR) remote control vehicle engineered for robust performance and durability. It is designed to provide a significant level of ARRMA performance in a convenient, smaller size, suitable for various environments and users.

Key Features:

- Awesome monster truck styling with three color choices.
- Powerful Spektrum 2S LiPo battery and safe, easy-to-use Smart charger.
- Easy body attachment and removal.
- Enclosed drivetrain for all-terrain protection.
- Reliable, high-quality hex hardware.
- Durable composite chassis.
- High-traction 4WD transmission.
- Tough metal gears.
- Independent suspension and oil-filled, coil-over shocks.
- Tough monster truck wheels and tires.
- Impact-absorbing front and rear bumper.
- Spektrum SLT2 2-channel 2.4GHz radio.
- Spektrum SLT 2-in-1 25A waterproof ESC and receiver.
- Spektrum SX110 waterproof metal-gear servo.

2. WHAT'S IN THE BOX

- (1) ARRMA® GRANITE™ GROM Small Scale 4X4 Monster Truck RTR
- (1) Waterproof Spektrum™ SLT™ 2-in-1 25A Regulator/Receiver Unit
- (1) ARRMA MEGA 380 28T brush motor
- (1) Spektrum 2.4GHz SLT2™ remote control

- (1) waterproof spectrum SX110 metal gear steering servo
- (1) Spektrum Smart 7.4V 1400mAh 2S 30C hard case LiPo battery with IC2®
- (1) Spektrum S10 Smart G2 Mini 2S USB-C charger
- Product Manual



Figure 2.1: ARRMA GRANITE GROM Monster Truck with included battery and charger.

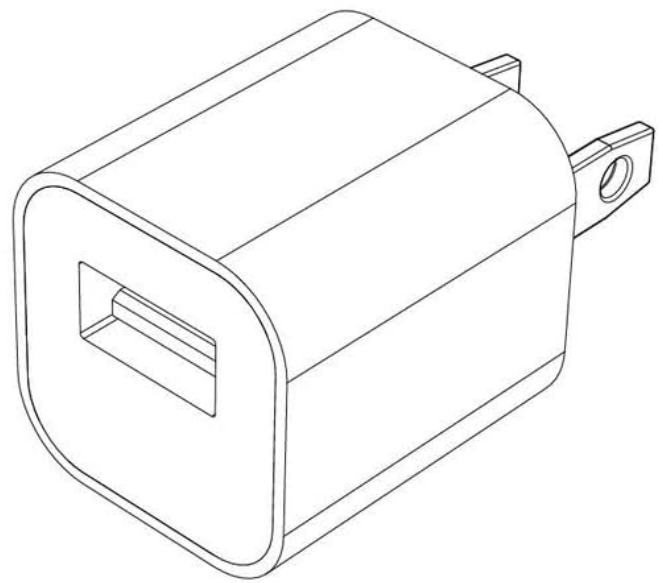
3. SETUP

3.1 Charging the Battery

Before first use, fully charge the included Spektrum Smart 7.4V 1400mAh 2S 30C hard case LiPo battery using the provided Spektrum S10 Smart G2 Mini 2S USB-C charger. Ensure you use a compatible USB power supply (not included) with QC 2.0/3.0 18W+ for optimal charging.

Not included.

You will require these items to run this vehicle...



**USB
POWER SUPPLY**
with QC 2.0/3.0 18W+

Figure 3.1: Illustration showing the need for a USB power supply (not included) for charging.

3.2 Initial Vehicle Preparation

The ARRMA GRANITE GROM is Ready-to-Run (RTR). Ensure the battery is securely installed in the vehicle. The clipless body mount design allows for easy attachment and removal of the truck body. Familiarize yourself with the Spektrum SLT2 2-channel 2.4GHz radio controls before operation.

4. OPERATING INSTRUCTIONS

The ARRMA GRANITE GROM is designed for exciting off-road action. Its high-traction 4WD transmission provides excellent grip and control across various surfaces. The Spektrum SLT2 radio system offers precise control for steering and throttle.

4.1 Basic Operation

- Turn on the transmitter first, then the vehicle.
- Use the trigger for forward and reverse motion.
- Use the steering wheel for left and right turns.
- Always operate in open areas free from obstacles and people.



Figure 4.1: ARRMA GRANITE GROM Monster Truck in action on a dirt path.



Figure 4.2: Side view of the ARRMA GRANITE GROM Monster Truck in motion.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your ARRMA GRANITE GROM. The design allows for easy access to components for cleaning and replacement.

5.1 Post-Run Care

- Clean the vehicle after each use, especially if operated in dusty or wet conditions. The enclosed drivetrain helps protect internal components.
- Inspect the durable composite chassis, tough metal gears, and hex hardware for any signs of wear or damage.
- Check the independent suspension and oil-filled, coil-over shocks for proper function and any leaks.

5.2 Part Replacement and Upgrades

The ARRMA GRANITE GROM is designed with replaceable and upgradable parts. Should any component wear out or break, replacement parts are readily available. This allows for continuous enjoyment and customization of your



Figure 5.1: Front view of the ARRMA GRANITE GROM Monster Truck, highlighting suspension components.

6. TROUBLESHOOTING

This section provides guidance for common issues you might encounter with your ARRMA GRANITE GROM.

6.1 Power Issues

- **Vehicle not turning on:** Ensure the battery is fully charged and properly connected. Check the power switch on both the vehicle and the transmitter.
- **Short run time:** The battery may not be fully charged, or its capacity might be diminishing over time. Ensure proper charging procedures are followed.

6.2 Control Issues

- **Loss of control/intermittent signal:** Check that the transmitter and receiver are properly bound. Ensure there is no interference from other 2.4GHz devices.
- **Steering or throttle not responding:** Verify all servo and ESC connections are secure. Inspect for any physical damage to the steering servo or motor.

6.3 Mechanical Issues

- **Unusual noises or grinding:** This may indicate debris in the drivetrain or damaged gears. Inspect the enclosed drivetrain and metal gears for any foreign objects or wear.
- **Vehicle pulling to one side:** Check for bent suspension components, damaged wheels, or issues with the

steering trim on the transmitter.

7. SPECIFICATIONS

Attribute	Value
Product Dimensions	12 x 9 x 7.9 inches
Item Weight	1.8 pounds
ASIN	B0CTJTL1VS
Item Model Number	ARA2102T3
Manufacturer Recommended Age	14 years and up
Batteries	1 Lithium Polymer batteries required. (included)
Release Date	August 15, 2024
Manufacturer	Horizon Hobby

8. SAFETY INFORMATION

Warning: Read and follow all precautions and instructions before use. Improper use of batteries can result in fire or rupture, causing serious injury and damage to property.

- Never leave batteries near fire, water or in extreme temperatures.
- Never exceed the recommended charge rate (C rating).
- Never short-circuit or alter batteries or related wires in any way.
- Always use chargers compatible with lithium polymer batteries.
- Never leave charging batteries unattended.
- Never charge batteries overnight.
- Disconnect charger if batteries become hot or puff.
- Dispose of batteries properly.

Caution: Avoid any impact on batteries. If this occurs, observe the battery pack in a safe area for 10 minutes. If any problems persist, discontinue use and contact Horizon Hobby.

9. WARRANTY & SUPPORT

The ARRMA GRANITE GROM MEGA 380 Brushed 4X4 Monster Truck comes with a 2-Year limited warranty. For full details regarding the warranty coverage and terms, please refer to the manufacturer's official website or the warranty information provided with your product packaging.

For technical support, replacement parts, or any inquiries not covered in this manual, please contact Horizon Hobby customer support. Contact information can typically be found on the product packaging or the official ARRMA website.