

Reely Generation X 6S



Reely Generation X 6S Brushless 1:8 RC Buggy Instruction Manual

Model: Generation X 6S (Model Number: 1516009)

1. INTRODUCTION

Thank you for choosing the Reely Generation X 6S Brushless 1:8 RC Buggy. This high-performance, four-wheel-drive (4WD) electric buggy is designed for enthusiasts seeking extreme speed and robust off-road capabilities. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your RC buggy.

Please read this manual thoroughly before operating the vehicle to ensure proper function and to prevent damage or injury. Keep this manual for future reference.

Safety Precautions

- Always operate the RC buggy in open areas, away from people, pets, and obstacles.
- Never operate near public roads or in residential areas where it could cause disturbance or danger.
- Keep hands, hair, and loose clothing away from moving parts.
- Do not touch the motor or electronic speed controller (ESC) immediately after use, as they can become very hot.
- Ensure all batteries are charged safely and correctly. Use only compatible chargers and batteries.
- Adult supervision is recommended for younger operators.
- This product is not a toy and requires careful handling.

2. PACKAGE CONTENTS

The Reely Generation X 6S Brushless 1:8 RC Buggy is supplied as a Ready-to-Run (RTR) package. Please verify that all components listed below are present in your box:

- Reely Generation X 6S Brushless 1:8 RC Buggy (fully assembled)
- 2.4 GHz Remote Control Transmitter
- Instruction Manual (this document)

Note: Required batteries for both the vehicle and the remote control are not included and must be purchased separately.



Image: The Reely Generation X 6S Brushless 1:8 RC Buggy, showcasing its blue and black chassis with large off-road tires and a rear wing.

3. SETUP

3.1 Battery Installation (Vehicle)

1. Carefully remove the body clips and lift the buggy's body shell.
2. Locate the battery trays. The Generation X 6S is designed for 6S LiPo battery configurations (e.g., two 3S LiPo batteries in series, or one 6S LiPo battery). Ensure your batteries are fully charged and compatible with the XT90 connector system.
3. Securely place the batteries into the battery trays. Use the provided straps or Velcro to prevent movement during operation.
4. Connect the battery (or batteries) to the ESC using the XT90 connector. Ensure correct polarity.
5. Replace the body shell and secure it with the body clips.

3.2 Battery Installation (Remote Control)



Image: The 2.4 GHz remote control transmitter, featuring a steering wheel and trigger for throttle control.

1. Open the battery compartment cover on the bottom of the remote control.
2. Insert the required batteries (typically AA batteries, refer to the remote's specific markings) ensuring correct polarity (+/-).
3. Close the battery compartment cover.

3.3 Initial Checks and Binding

- Ensure the remote control is turned ON before turning on the vehicle.
- Turn on the vehicle's power switch (usually located on the ESC).

- The vehicle and remote should automatically bind. If not, consult the remote control's specific instructions for binding procedures.
- Test steering and throttle response at a low speed to confirm proper function before full operation.

4. OPERATION

4.1 Basic Controls

- **Steering:** Use the steering wheel on the remote control to turn the front wheels left or right.
- **Throttle:** Pull the trigger on the remote control to accelerate forward. Push the trigger forward to brake or reverse.

4.2 Driving Tips

- Start with gentle throttle inputs, especially with the powerful 6S brushless system, to get accustomed to the vehicle's speed and handling.
- Practice steering and braking in an open area before attempting high-speed maneuvers.
- Avoid driving through deep water, as electronics, while water-resistant, are not fully submersible.
- Be mindful of battery life. Stop operating the vehicle when you notice a significant drop in power to prevent over-discharging LiPo batteries.



Image: The Reely Generation X 6S Buggy driving on a dirt surface, demonstrating its off-road capability.

5. MAINTENANCE

5.1 After Each Use

- Disconnect and remove batteries from the vehicle and remote control.
- Clean the vehicle: Use a soft brush or compressed air to remove dirt, dust, and debris from the chassis, suspension, and drivetrain. A damp cloth can be used for the body shell.
- Inspect for damage: Check for loose screws, bent suspension components, damaged tires, or any other signs of wear or breakage.

5.2 Periodic Maintenance

- **Lubrication:** Apply appropriate RC-specific grease or oil to moving parts like universal joints and gears as needed. Avoid over-lubrication.
- **Shock Absorbers:** Check for oil leaks and ensure smooth operation. Refill or replace shock oil if necessary.
- **Tires and Wheels:** Inspect for cracks, tears, or excessive wear. Ensure wheel nuts are tight.
- **Electronics:** Keep the motor, ESC, and servo clean and free of debris. Ensure all wiring connections are secure.



Image: A front view of the Reely Generation X 6S Buggy, highlighting its robust suspension and front bumper.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond to remote.	<ul style="list-style-type: none">• Batteries are low or dead.• Vehicle or remote not turned on.• Not bound correctly.	<ul style="list-style-type: none">• Charge/replace batteries.• Ensure both are powered on.• Re-bind the remote and vehicle.
Loss of power or erratic behavior.	<ul style="list-style-type: none">• Low battery voltage.• Loose wiring connection.• Overheating ESC/motor.	<ul style="list-style-type: none">• Charge batteries.• Check all connections, especially XT90.• Allow components to cool down.

Problem	Possible Cause	Solution
Steering not working or off-center.	<ul style="list-style-type: none">• Servo arm loose or damaged.• Steering trim on remote incorrect.• Damaged servo.	<ul style="list-style-type: none">• Inspect and tighten/replace servo arm.• Adjust steering trim on remote.• Replace servo if damaged.

For further assistance, please refer to the support section or contact your retailer.

7. SPECIFICATIONS

Brand	Reely
Model Name	Generation X 6S
Model Number	1516009
Scale	1:8
Drive Type	4WD (Four-Wheel Drive)
Motor Type	Brushless
ESC	Waterproof 150A with metal transmission
Servo	15 kg High Torque Steering Servo
Radio System	2.4 GHz Transmitter
Battery Connector	XT90
Dimensions (L x W x H)	51.3 cm x 30.5 cm x 19.8 cm (20.2 in x 12.0 in x 7.8 in)
Weight	3.5 kg (7.7 lbs)
Color	Blue
Material	Metal (chassis components)

8. WARRANTY AND SUPPORT


This Reely product comes with a minimum 2-year warranty from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage resulting from:

- Improper use or operation.
- Accidents or collisions.
- Unauthorized modifications or repairs.
- Lack of proper maintenance.
- Normal wear and tear of consumable parts.

For technical support, spare parts, or warranty inquiries, please contact your retailer or the Reely customer service department. Contact information can typically be found on the product packaging or the retailer's website.

Related Documents - Generation X 6S

	<p>Navodila za uporabo RC modela Buggy Reely Carbon Fighter III</p> <p>Obsežen uporabniški priročnik za RC model Buggy Reely Carbon Fighter III, 2WD RtR, 2,4 GHz. Vsebuje navodila za zagon, delovanje, varnost, vzdrževanje in odpravljanje težav.</p>
	<p>Telecomando REELY HT-6 2.4 GHz - Manuale d'uso</p> <p>Manuale d'uso completo per il telecomando REELY HT-6 da 2,4 GHz. Include istruzioni per la configurazione, programmazione, sicurezza e dati tecnici per modellismo.</p>
	<p>REELY GT2 EVO 2.4 GHz Remote Control Operating Instructions</p> <p>Operating instructions for the REELY GT2 EVO 2.4 GHz remote control system. Covers setup, safety, operation, maintenance, troubleshooting, and technical specifications for model vehicles and ships.</p>
	<p>REELY HT-6 2.4 GHz Remote Control System User Manual</p> <p>Comprehensive user manual for the REELY HT-6 2.4 GHz remote control system, detailing setup, operation, programming, safety, and technical specifications for model aircraft and helicopters.</p>
	<p>Reely HT-10 10-Kanal 2.4 GHz Fernsteuerung Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für die Reely HT-10 10-Kanal 2.4 GHz Fernsteuerung. Enthält Anleitungen zur Inbetriebnahme, Bedienung, Wartung und Fehlerbehebung.</p>
	<p>Reely Fishing Bait Boat RtR - Operating Instructions</p> <p>Comprehensive user manual for the Reely Fishing Bait Boat RtR (Item No. 3381492), covering setup, operation, safety, maintenance, and technical specifications. Learn how to use your RC bait boat effectively and safely.</p>

