

## Maverick MV150300

# Maverick Quantum+ XT Flux 3S 1/10 4WD Stadium Truck

Model: MV150300 | Brand: Maverick

## 1. INTRODUCTION

The Maverick Quantum+ XT Flux is a high-performance 1/10 scale 4WD stadium truck designed for RC enthusiasts seeking robust power and durability. This Ready-to-Run (RTR) model features a powerful FLUX brushless motor system, optimized gearing, and a durable chassis built for aggressive driving and large jumps. Its design incorporates oversized 3.2-inch wheels with Tredz Tires for superior traction, HD Universal Drive Shafts, and a center differential for improved handling.

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Maverick Quantum+ XT Flux stadium truck. Please read it thoroughly before operating the vehicle to ensure safe and optimal performance.

## 2. SAFETY INFORMATION

Operating remote-controlled vehicles requires adherence to safety guidelines to prevent injury or damage. Always exercise caution and common sense.

- **Adult Supervision:** This product is recommended for users aged 14 months and up. Adult supervision is highly recommended for younger operators.
- **Operating Environment:** Operate the vehicle in open, clear areas away from people, pets, and obstacles. Avoid public roads, crowded areas, and water.
- **Battery Safety:** The Quantum+ XT Flux is designed for 3S LiPo power. Always use a LiPo-compatible charger and follow all battery manufacturer instructions for charging, discharging, and storage. Never leave charging batteries unattended.
- **Moving Parts:** Keep fingers, hair, and loose clothing away from all rotating parts, such as wheels, gears, and drive shafts, when the vehicle is powered on.
- **Heat:** The motor and electronic speed controller (ESC) can become very hot during operation. Avoid touching these components immediately after use.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## 3. WHAT'S IN THE BOX

Upon unboxing your Maverick Quantum+ XT Flux, verify that all components are present:

- 1 x Maverick Quantum+ XT Flux 3S 1/10 4WD Stadium Truck (RTR)
- 1 x Remote Control (Transmitter)
- 4 x Tires (pre-mounted on wheels)
- Instruction Manual (this document)
- *Note: Battery and charger are typically sold separately unless specified.*



**Figure 3.1:** Packaging of the Maverick Quantum+ XT Flux, illustrating the truck, remote control, and key features.

## 4. SETUP

## 4.1. Battery Charging and Installation

Ensure your LiPo battery is fully charged before first use. Always use a charger compatible with LiPo batteries and follow its instructions carefully.

1. Connect your LiPo battery to a compatible LiPo charger.
2. Charge the battery according to the charger's instructions until fully charged.
3. Once charged, disconnect the battery from the charger.
4. Locate the battery compartment on the truck chassis.
5. Securely install the charged battery into the compartment, ensuring proper polarity.
6. Close the battery compartment cover.

## 4.2. Transmitter Setup

Install the required batteries (usually AA) into the remote control (transmitter) according to the polarity markings.

### 4.3. Binding the Transmitter and Receiver

Your truck and transmitter should be pre-bound from the factory. If you experience a loss of connection or are using a new transmitter/receiver, follow these general binding steps:

1. Ensure both the truck and transmitter are powered off.

2. Refer to your specific transmitter/receiver manual for exact binding procedure, as it can vary.
3. Typically, you will hold a bind button on the receiver while powering on the truck, then power on the transmitter.
4. Observe indicator lights to confirm successful binding.



Figure 4.1: Chassis layout of the Quantum+ XT Flux, highlighting the placement of the motor and electronic components.

## 5. OPERATING YOUR TRUCK

### 5.1. Basic Controls

- **Steering Wheel:** Turn left or right to control the direction of the front wheels.
- **Throttle Trigger:** Pull the trigger to accelerate forward. Push the trigger to engage brakes or reverse.
- **Trim Dials:** Adjust steering trim to ensure the truck drives straight when the steering wheel is centered. Adjust throttle trim if the truck moves without throttle input.

### 5.2. Driving Tips

- Start slowly to get a feel for the controls before attempting high speeds.
- Practice steering and throttle control in an open area.
- Be mindful of battery life. Performance will decrease as the battery drains.
- Avoid prolonged full-throttle operation, especially on rough terrain, to prevent overheating.
- The center differential helps distribute power, improving handling. Experiment with different driving styles to utilize this feature effectively.



Figure 5.1: The Maverick Quantum+ XT Flux ready for operation.

## 6. MAINTENANCE

Regular maintenance is crucial for extending the lifespan and ensuring optimal performance of your Maverick Quantum+ XT Flux.

### 6.1. After Each Run

- **Clean the Vehicle:** Remove dirt, dust, and debris from the chassis, suspension, and drivetrain using a soft brush, compressed air, or a damp cloth. Avoid using water directly on electronics.
- **Inspect for Damage:** Check for loose screws, bent parts, cracked plastics, or damaged wires. Pay close attention to the HD Universal Drive Shafts and suspension components.
- **Check Wheels and Tires:** Ensure wheels are securely fastened and tires are not damaged or excessively worn.
- **Battery Storage:** Store LiPo batteries at a "storage charge" level (typically 3.8V per cell) in a fire-safe bag or container when not in use for extended periods.

### 6.2. Periodic Maintenance

- **Lubrication:** Apply a small amount of appropriate lubricant to moving parts like universal joints and bearings. Avoid over-lubricating.
- **Shock Absorbers:** Check oil-filled adjustable coilover shocks for leaks and proper damping. Refill or replace shock oil as needed.
- **Gear Mesh:** Ensure the motor pinion gear and spur gear have proper mesh to prevent premature wear.
- **Differential Maintenance:** Periodically inspect and clean the center differential and front/rear differentials. Refill with appropriate differential fluid if necessary.



Figure 6.1: Side profile of the Quantum+ XT Flux, showing the suspension and wheel design.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Maverick Quantum+ XT Flux.

Problem	Possible Cause	Solution
Truck does not respond to transmitter.	<ul style="list-style-type: none"><li>Low battery in truck or transmitter.</li><li>Truck and transmitter not bound.</li><li>Power switch off.</li></ul>	<ul style="list-style-type: none"><li>Charge/replace batteries.</li><li>Perform binding procedure (Section 4.3).</li><li>Ensure power switches are ON.</li></ul>
Truck runs slowly or lacks power.	<ul style="list-style-type: none"><li>Low battery charge.</li><li>Motor/ESC overheating.</li><li>Debris in drivetrain.</li></ul>	<ul style="list-style-type: none"><li>Recharge battery.</li><li>Allow components to cool down.</li><li>Clean drivetrain components.</li></ul>
Steering is erratic or unresponsive.	<ul style="list-style-type: none"><li>Steering trim incorrect.</li><li>Damaged servo or linkage.</li><li>Loose connections.</li></ul>	<ul style="list-style-type: none"><li>Adjust steering trim on transmitter.</li><li>Inspect and replace damaged parts.</li><li>Check all wiring connections.</li></ul>

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

## 8. SPECIFICATIONS

Feature	Detail
Model Number	MV150300
Product Dimensions	1 x 1 x 1 inches (approximate)
Item Weight	11.66 pounds
Manufacturer Recommended Age	14 months and up

Feature	Detail
Drive System	4WD Shaft Drive
Suspension	Independent Double Wishbone, Oil Filled Adjustable Coilover Shocks
Motor	3665 3100KV FLUX Brushless Motor (5.0mm shaft)
ESC	100A Waterproof ESC
Battery Compatibility	3S LiPo Capable
Wheelbase	325mm
Width	365mm

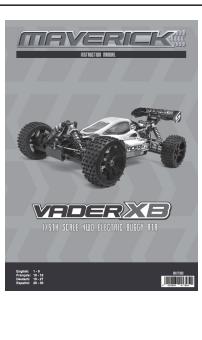
## 9. WARRANTY AND SUPPORT

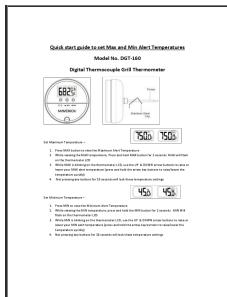
Maverick products are manufactured to high standards. For specific warranty information, please refer to the documentation included with your purchase or visit the official Maverick RC website. In case of technical issues, missing parts, or warranty claims, please contact Maverick customer support directly.

For the most up-to-date support information, visit: [www.maverickrc.com/support](http://www.maverickrc.com/support)

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### Related Documents

	<p><b><a href="#">Maverick Quantum+ Flux Quick Start Guide</a></b>  A quick start guide for the Maverick Quantum+ Flux radio-controlled vehicle, covering setup, operation, maintenance, and troubleshooting.</p>
	<p><b><a href="#">Maverick Vader XB 1/5th Scale 4WD Electric Buggy Instruction Manual</a></b>  Comprehensive instruction manual for the Maverick Vader XB 1/5th scale 4WD electric buggy, covering setup, operation, maintenance, troubleshooting, and parts.</p>

	<p><b><a href="#">Maverick DGT-160 Digital Thermocouple Grill Thermometer Quick Start Guide</a></b></p> <p>Learn how to set maximum and minimum alert temperatures on your Maverick DGT-160 Digital Thermocouple Grill Thermometer. This guide covers battery installation, mounting, temperature scale selection, and alert activation.</p>
	<p><b><a href="#">Maverick RD-620 Digital Portable Radio - Features and Specifications</a></b></p> <p>Discover the Maverick RD-620, a versatile DMR digital mobile radio designed for business and professional use. Explore its features, benefits, and technical specifications for enhanced communication.</p>