

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [ARRMA](#) /
- › [ARRMA RC Truck 1/10 VORTEKS 4X4 223S BLX BRUSHLESS Stadium Truck RTR \(Battery and Charger Not Included\) with DSC, Teal, ARA4305V4T2 User Manual](#)

ARRMA ARA4305V4T2

ARRMA VORTEKS 223S BLX 4X4 RC Stadium Truck User Manual

Model: ARA4305V4T2

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your ARRMA VORTEKS 223S BLX 4X4 RC Stadium Truck. Please read this manual thoroughly before operating your vehicle to ensure proper function and longevity.



The ARRMA VORTEKS 223S BLX 4X4 RC Stadium Truck in Teal, showcasing its aggressive stance and durable design.

2. SAFETY INFORMATION

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.

3. WHAT'S IN THE BOX

Your ARRMA VORTEKS 223S BLX 4X4 RC Stadium Truck package includes the following items:

- (1) VORTEKS 223S BLX 4X4 1/10 Scale Stadium Truck RTR
- (1) Spektrum SLT 80A 2-In-1 Waterproof ESC & Receiver 2S/3S With DSC
- (1) Spektrum 3100Kv Brushless Motor
- (1) Spektrum SLT3 2.4GHz Transmitter
- (1) Spektrum S662 Metal-Geared 25T Waterproof Digital Servo
- (4) AA Batteries (for transmitter)
- (1) Instruction Manual
- Misc. Tools

Note: Battery and charger for the vehicle are NOT included and must be purchased separately.

4. SETUP

4.1 Required Items (Not Included)

To operate your VORTEKS 223S BLX, you will need an IC5 compatible battery and a suitable charger. The battery tray can accommodate batteries with maximum dimensions of 165mm x 51mm x 48mm (6.5" x 2.01" x 1.89" inches). The vehicle is compatible with both 2S 7.4V LiPo and 3S 11.1V LiPo batteries.

NOT INCLUDED

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

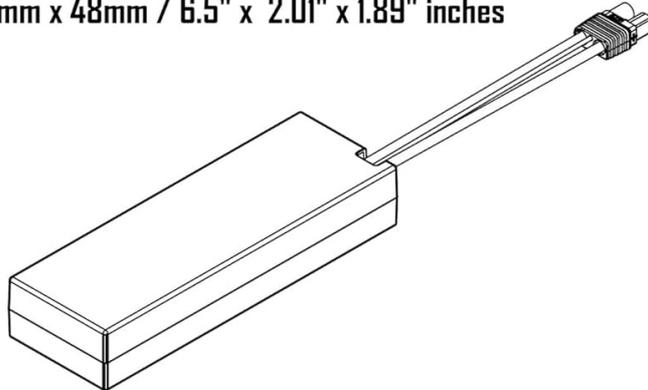


Use your own choice of IC5 compatible batteries and preferred charger.

BATTERY TRAY MAX DIMENSIONS

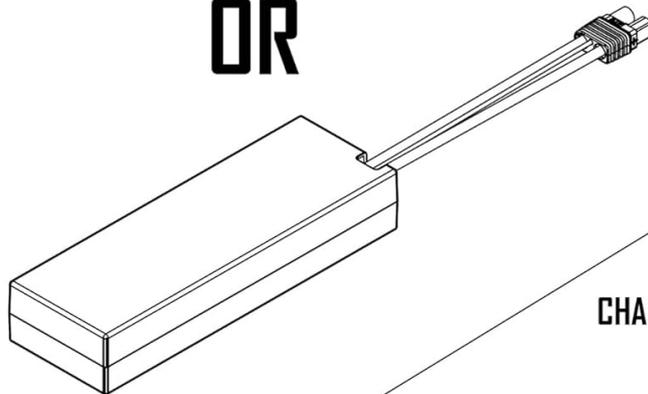
165mm x 51mm x 48mm / 6.5" x 2.01" x 1.89" inches

1 X
2S 7.4v LiPo



OR

1 X
3S 11.1v LiPo



CHARGER



Illustration of the required 2S or 3S LiPo battery and charger, which are not included with the truck.

4.2 Battery Installation

1. Ensure the vehicle is powered off.
2. Locate the battery compartment on the chassis.
3. Securely place your charged LiPo battery into the battery tray.
4. Connect the battery to the ESC using the IC5 connector.
5. Secure the battery using the provided straps or clips.

4.3 Transmitter Setup

The Spektrum SLT3 2.4GHz Transmitter requires 4 AA batteries (included). Install these batteries into the transmitter's battery compartment, observing correct polarity. Familiarize yourself with the transmitter's controls, including steering wheel, throttle trigger, and trim adjustments.



The Spektrum SLT3 2.4GHz Transmitter, used to control the VORTEKS truck.

5. OPERATING YOUR VORTEKS TRUCK

The ARRMA VORTEKS 223S BLX is designed for high-speed performance and durability across various terrains. It features a super-tough 4X4 drivetrain with a center differential and an all-terrain suspension package, making it suitable for both on-road and off-road bashing.

5.1 Driving Controls

Use the steering wheel on the transmitter to control the direction of the truck. The throttle trigger controls forward and reverse movement, as well as braking. Gently apply throttle to accelerate and release to coast. Push the trigger forward for braking and reverse.



The VORTEKS truck demonstrating its power by kicking up dust during operation on a dirt surface.

5.2 Spektrum DSC (Dynamic Stability Control)

The integrated Spektrum DSC system provides dynamic stability control, assisting in maintaining control during high-speed maneuvers and on loose surfaces. This feature, along with throttle limiting, helps drivers of all skill levels keep the truck under control.



The VORTEKS truck airborne after hitting a jump, showcasing its robust suspension and air control capabilities.

5.3 Terrain Adaptability

The VORTEKS is designed to handle various terrains, from smooth pavement to rough dirt and gravel. Its robust 4X4 system ensures excellent traction and handling. Be mindful of extremely wet conditions, as while the electronics are waterproof, prolonged submersion is not recommended.



The VORTEKS truck positioned on a rocky, uneven surface, highlighting its all-terrain capabilities.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your ARRMA VORTEKS truck. Perform these checks after every few runs or before extended storage.

6.1 General Cleaning

After each use, especially in dusty or dirty conditions, clean the truck to remove debris. Use a soft brush or compressed air to clear dirt from the chassis, suspension components, and motor area. Avoid using water directly on electronics unless specifically designed for it.



An underside view of the VORTEKS chassis, showing the layout of components and areas that may accumulate dirt.

6.2 Component Inspection

- **Drivetrain:** Inspect the gears, driveshafts, and differentials for wear or damage. Ensure the center differential is clean and functioning smoothly.
- **Suspension:** Check shocks for leaks and ensure they move freely. Inspect suspension arms and linkages for cracks or bends.
- **Steering:** Verify that the steering servo operates smoothly and the steering linkages are free from binding.
- **Electronics:** Ensure all wires are securely connected and free from fraying. Check the motor and ESC for excessive heat buildup after use.



A detailed view of the Spektrum SLT 80A 2-In-1 Waterproof ESC & Receiver unit, located within the chassis.



A close-up image of the differential gear assembly, a key component of the 4X4 drivetrain.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your VORTEKS truck.

Problem	Possible Cause	Solution
Truck does not respond to transmitter	Low battery in truck or transmitter; binding issue; ESC/receiver off.	Charge truck battery, replace transmitter batteries. Re-bind transmitter to receiver. Ensure ESC is powered on.
Loss of power or intermittent operation	Low battery voltage; loose connections; motor/ESC overheating.	Charge battery fully. Check all electrical connections. Allow motor/ESC to cool down.
Steering not working or erratic	Damaged servo; loose steering linkages; incorrect trim settings.	Inspect servo and linkages for damage. Adjust steering trim on transmitter.
Unusual noises from drivetrain	Debris in gears; worn gears; differential issues.	Clean gears. Inspect for worn or stripped gears and replace if necessary. Check differential fluid/grease.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	19.5 x 14.15 x 7.65 inches
Item Weight	7.56 pounds
Model Number	ARA4305V4T2
Manufacturer Recommended Age	14 years and up
Release Date	November 14, 2024
Manufacturer	Horizon Hobby
Motor Type	3100Kv Brushless
ESC	Spektrum SLT 80A 2-In-1 Waterproof (2S/3S compatible)
Drivetrain	4X4 with Center Differential
Stability Control	Spektrum DSC (Dynamic Stability Control)

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ARRMA website or contact Horizon Hobby directly. Keep your proof of purchase for any warranty claims.

Horizon Hobby Contact Information:

Website: www.horizonhobby.com

Support: Refer to the support section on their website for contact details and service requests.