

ARRMA ARA4303V4T1

ARRMA 1/10 SENTON 4X4 223S BLX BRUSHLESS Short Course Truck Instruction Manual

Model: ARA4303V4T1

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your ARRMA 1/10 SENTON 4X4 223S BLX BRUSHLESS Short Course Truck. Please read this entire manual before operating the vehicle to ensure proper function and to prevent damage or injury.



Front view of the ARRMA SENTON 4X4 223S BLX Short Course Truck.



Side view of the ARRMA SENTON 4X4 223S BLX Short Course Truck.

2. SAFETY GUIDELINES

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. PACKAGE CONTENTS

The ARRMA 1/10 SENTON 223S BLX 4X4 Short Course Truck RTR package includes the following items:

- (1) SENTON 223S BLX 4X4 1/10 Scale Short Course 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
- 2.5 and 3.0mm hex wrenches

4. SETUP

4.1 Required Items (Not Included)

To operate your ARRMA SENTON truck, you will need to provide a compatible battery and charger. The vehicle supports 2S or 3S LiPo batteries.

ARRMA

**Transmitter Included, Battery & Charger Not Included*

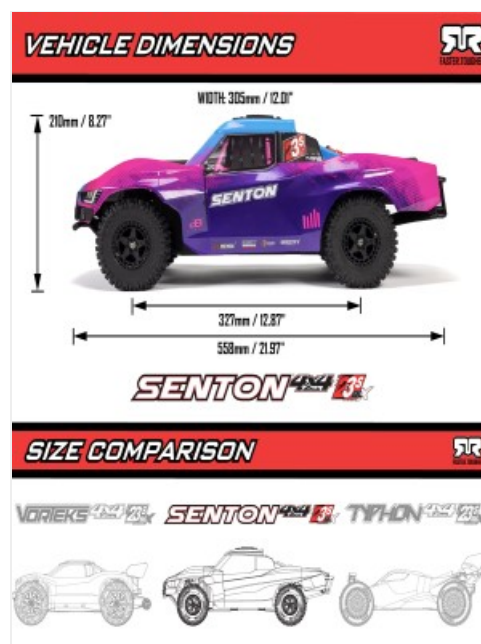
1/10 SENTON 23S BLX 4X4
RTR RC Short Course Truck

Illustration of required batteries (2S or 3S LiPo) and a charger, which are not included with the truck. The maximum battery tray dimensions are 165mm x 51mm x 48mm (6.5" x 2.01" x 1.89").

4.2 Battery Installation

Follow these steps to install the main drive battery:

1. Ensure the vehicle's power switch is OFF.
2. Remove the body clips and lift the truck body.
3. Place your chosen 2S or 3S LiPo battery into the battery tray. Ensure it fits within the maximum dimensions.
4. Secure the battery using the integrated battery strap system.
5. Connect the battery to the ESC (Electronic Speed Controller).
6. Reattach the truck body and secure it with the body clips.



Example of compatible 2S and 3S LiPo batteries.

4.3 Transmitter Setup

The Spektrum SLT3 2.4GHz Transmitter is included. Install the four AA batteries (included) into the transmitter. Refer to the separate transmitter manual for detailed setup and calibration procedures.



The Spektrum SLT3 2.4GHz Transmitter.

4.4 Binding Procedure

Your vehicle and transmitter are factory-bound. If re-binding is necessary, follow these general steps:

1. Ensure the transmitter is off and the vehicle is off.
2. Power on the receiver/ESC in the vehicle while holding the bind button (if available) or following the specific bind sequence for your Spektrum system.
3. Power on the transmitter while holding its bind button (if available).
4. Observe the LED indicators on both the receiver and transmitter for successful binding confirmation. Consult the Spektrum manual for precise instructions for your specific components.

5. OPERATION

5.1 Basic Controls

Familiarize yourself with the transmitter controls:

- **Steering Wheel:** Controls left and right direction.
- **Throttle Trigger:** Pull for forward motion, push for reverse/brake.
- **Trim Dials:** Adjust steering and throttle neutral points.

5.2 Driving Environment

The ARRMA SENTON is designed for various terrains. Avoid operating in deep water or extremely muddy conditions to prevent damage to electronics, despite its waterproof components. Always operate in open areas free from obstacles, people, and pets.

NOT INCLUDED

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

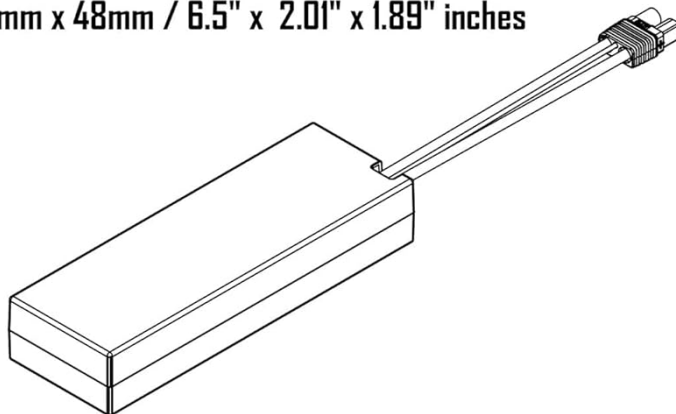


Use your own choice of ICS compatible batteries and preferred charger.

BATTERY TRAY MAX DIMENSIONS

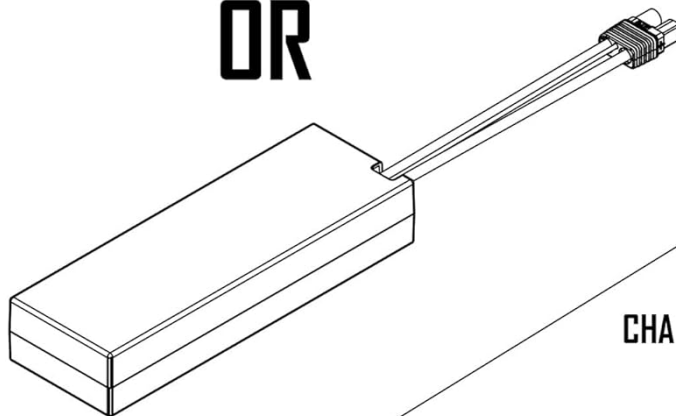
165mm x 51mm x 48mm / 6.5" x 2.01" x 1.89" inches

1 X
2S 7.4v LiPo



OR

1 X
3S 11.1v LiPo



CHARGER



ARRMA

The ARRMA SENTON truck operating in shallow water.



The ARRMA SENTON truck performing a jump.

5.3 Dynamic Stability Control (DSC) and Throttle Limiting

The Spektrum DSC (Dynamic Stability Control) system assists in maintaining control during aggressive driving. The throttle limiting feature allows you to adjust the maximum power output, which is useful for new drivers or when operating in confined spaces.

6. MAINTENANCE

6.1 General Cleaning

After each use, clean your truck to remove dirt, dust, and debris. Use a soft brush or compressed air. Avoid using water directly on electronics unless specified as waterproof.



Chassis view with the body removed for maintenance access.

6.2 Drivetrain Inspection

Regularly inspect the 4X4 drivetrain, including the center differential, for wear or damage. Ensure all gears are free of debris and lubricated as per the detailed service manual (available from ARRMA support).



Detail of the differential gear assembly.



Underside view of the chassis, highlighting drivetrain components.

6.3 Suspension Check

Check the all-terrain suspension package for proper function. Inspect shock absorbers for leaks and ensure springs are not damaged. Adjustments to oil and ride height can optimize performance.



Detail of a shock absorber.

6.4 Tire Care

Inspect tires for wear, tears, or punctures. Soft tires can wear quickly, especially on abrasive surfaces. Replace worn tires to maintain optimal traction and handling.

7. TROUBLESHOOTING

7.1 Common Issues

- **No Power:** Check battery charge, connections, and vehicle power switch. Ensure transmitter batteries are fresh.
- **Loss of Control:** Re-bind the transmitter and receiver. Check for interference or damaged antenna wires.
- **Low Voltage Cutoff (LVC):** If the vehicle stops or slows down unexpectedly, the battery may be depleted. Use batteries with sufficient 'C' rating (80C or higher recommended) to avoid premature LVC.
- **Motor/ESC Issues:** Ensure cooling fans (if installed) are clear. Check for loose motor wires or damaged ESC.



ESC and motor cooling fans.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	21.97 x 12.01 x 8.27 inches
Item Weight	7.83 pounds
Model Number	ARA4303V4T1

Feature	Detail
Manufacturer Recommended Age	14 years and up
Release Date	November 7, 2024
Manufacturer	Horizon Hobby



Detailed vehicle dimensions.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please visit the official ARRMA website or contact Horizon Hobby customer service. Keep your proof of purchase for warranty claims.