

HAIBOXING 3100A

HAIBOXING 3100A 1:14 Scale 4WD Brushless RC Short-Course Truck Instruction Manual

Model: 3100A

1. INTRODUCTION

This manual provides essential information for the safe and effective operation and maintenance of your HAIBOXING 3100A 1:14 Scale 4WD Brushless RC Short-Course Truck. This high-performance remote control vehicle is designed for off-road enthusiasts, featuring a powerful brushless motor, durable components, and versatile terrain capabilities. Please read this manual thoroughly before operating the vehicle.



Image 1.1: The HAIBOXING 3100A RC Short-Course Truck, including the remote control and two Li-Po batteries.

2. SAFETY INFORMATION

To ensure safe operation and prolong the life of your RC truck, observe the following safety guidelines:

- Always disconnect and remove the battery pack from the vehicle when not in use to prevent damage from battery discharge or leakage.
- Avoid completely draining the battery pack during use, as this can shorten its lifespan.
- Fully charge the battery pack before each use.
- Do not leave the battery pack uncharged for extended periods.
- Store the battery pack in a dry, clean, and cool environment.
- This product is recommended for RC players aged 14 or above.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Remote Control Transmitter
- HAIBOXING 3100A RC Short-Course Truck

- Two 7.4V 1200mAh Li-Po Batteries (one installed, one spare)
- Two USB Charging Cables
- Screwdriver
- Instruction Manual

4. PRODUCT OVERVIEW

The HAIBOXING 3100A is engineered for robust off-road performance. Key features include:

- **Brushless Motor System:** Equipped with a 2840 KV3800 brushless motor and a Hobbywing Brushless ESC for high speed and efficiency.
- **Durable Construction:** Features powdered metallurgy gears, metal drive shafts, and aluminum oil shocks for enhanced durability across various terrains.
- **Advanced Suspension:** Traditional short-course truck structural design with front independent suspension and a rear axle, complemented by an anti-roll sway bar for stability.
- **Realistic Design:** Full rear roll cage with two authentic spare tires and illuminating front and taillights for a realistic appearance and nighttime visibility.
- **High-Grip Tires:** Off-road tires with foam sponges inserted, paired with a thickened PVC truck body for aggressive driving.

FRONT INDEPENDENT SUSPENSION AND REAR AXLE DESIGN

Authentic 4WD SC Truck Chassis



Image 4.1: Detailed view of the truck's chassis, highlighting the brushless motor, ESC, aluminum oil shocks, and high-grip tires.

GET ACQUAINTED WITH OUR SC TRUCK

Aggressive Look



Two Spare Wheels

High Grip Off-Road Tires

Aluminum Body Oil Shocks

Image 4.2: Side profile of the HAIBOXING 3100A, illustrating its dimensions, rear roll cage with spare tires, and aluminum oil shocks.

5. SETUP

5.1 Battery Charging

The HAIBOXING 3100A includes two 7.4V 1200mAh Li-Po batteries and two USB charging cables. Use a smartphone adapter (rated at 5V, 2A or lower) to charge the batteries. The charging process allows for simultaneous charging of both batteries.

1. Connect the USB charging cable to a compatible USB power source.
2. Connect the battery to the charging cable.
3. The indicator light on the USB cable will show the charging status. Refer to the charger's instructions for specific light indications (e.g., red for charging, green for fully charged).

5.2 Battery Installation

For the Vehicle:

1. Remove the body clips and lift the truck body to access the battery compartment.
2. Place a charged 7.4V 1200mAh Li-Po battery into the enlarged battery compartment.
3. Secure the battery and reattach the truck body with the body clips.

For the Remote Control Transmitter:

1. Open the battery compartment cover on the back of the transmitter.
2. Insert the required batteries (typically AA, not included) according to the polarity markings.
3. Close the battery compartment cover.

5.3 Transmitter Overview and Binding

The 2.4GHz remote control system provides a range of up to 330 feet.



Image 5.1: The 2.4GHz transmitter with labeled components including steering wheel, throttle trigger, and various trim/D/R adjustments.

Transmitter Controls:

- **Steering Wheel:** Controls left and right steering.

- **Throttle Trigger:** Controls forward, brake, and reverse.
- **Steering Trim (ST.TRIM):** Adjusts the neutral steering position.
- **Steering D/R (ST.D/R):** Adjusts the maximum steering angle.
- **Throttle Trim (TH.TRIM):** Adjusts the neutral throttle position.
- **Throttle Reverse (TH.REV):** Reverses throttle direction.
- **Power Indicator:** Shows battery status (low power indicated by blinking).
- **ON/OFF Power Switch:** Turns the transmitter on or off.

Binding Procedure:

Typically, the truck and transmitter come pre-bound. If re-binding is necessary:

1. Ensure both the truck and transmitter are powered off.
2. Turn on the transmitter.
3. Turn on the truck. The indicator lights on both devices should show a successful connection (refer to the specific manual for light patterns).
4. If binding fails, repeat the steps or consult the detailed instruction manual for your specific model.

6. OPERATION

6.1 Basic Controls

- **Forward/Brake/Reverse:** Pull the throttle trigger towards you to accelerate forward. Push it away from you for braking, and push it again for reverse.
- **Steering:** Turn the steering wheel left or right to control the direction of the truck.

6.2 Driving Tips

The HAIBOXING 3100A is designed for versatile off-road performance:

- **Off-Road Terrain:** The robust suspension and high-grip tires make it suitable for sandy areas, off-road gravel, and even cement roads.
- **Speed:** Achieve speeds of 38mph (60km/h) with a compatible 3S Li-Po battery pack. With the included 2S battery, it reaches 42 km/h.
- **Night Driving:** Utilize the illuminating front and taillights for visibility during low-light conditions.

**Fuel Your Passion, Set Speed and
Fun Free with our 1/14th SC Truck!**



**Separate Brushless
ESC and Receiver**



**Size 2840 ,
KV 3800
Brushless Motor**

Image 6.1: The HAIBOXING 3100A demonstrating its off-road capability on a sandy terrain.



Image 6.2: The HAIBOXING 3100A navigating through shallow water, highlighting its splash-waterproof electronics.

6.3 Official Product Videos

HAIBOXING 1/14th Scale Brushless RC Cars Violent SC 3100A

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Video 6.1: An overview of the HAIBOXING 3100A, showcasing its features and performance in various environments.

Equipped with a 2840 KV3800 brushless motor, separate receiver, Hobbywing Brushless ESC, and an enlarged battery compartment, this aggressive offroad 4WD truck can reach an impressive top speed of 38mph (60km/h) when paired with a compatible 3S Li-Po battery pack.

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Video 6.2: This video highlights the powerful brushless motor, Hobbywing ESC, and the truck's ability to reach high speeds with a 3S Li-Po battery.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your HAIBOXING 3100A:

- **Cleaning:** After each use, especially after driving in dirt or wet conditions, clean the truck to remove debris. Use a soft brush or compressed air.
- **Component Check:** Periodically inspect the metal drive shafts, powdered metallurgy gears, and aluminum oil shocks for any signs of wear or damage. Ensure all screws are tight.
- **Battery Care:** Follow the safety guidelines in Section 2 for proper battery handling, charging, and storage.

8. TROUBLESHOOTING

If you encounter issues with your HAIBOXING 3100A, consider the following:

- **No Power/Unresponsive:**
 - Ensure both the vehicle and transmitter batteries are fully charged and correctly installed.
 - Verify the truck and transmitter are properly bound (refer to Section 5.3).
- **Limited Range:**
 - Check for interference from other 2.4GHz devices.
 - Ensure the transmitter's power indicator is not blinking, indicating low battery.
- **Motor Issues:**
 - The Hobbywing brushless ESC includes motor anti-jam safeguards. If the motor stops, check for obstructions or overheating.
- **Low Voltage Alert:**
 - If the truck exhibits a low voltage alert indication, immediately stop operation and charge the battery.
- **Physical Damage:**
 - Collisions can occasionally lead to unexpected damage. For technical support regarding repairs or replacement parts, please contact the seller.

9. SPECIFICATIONS

Feature	Detail
Model Number	3100A
Scale	1:14
Drive System	4WD
Motor Type	2840 KV3800 Brushless Motor



ESC	Hobbywing Brushless ESC (Water-resistant, Thermal Protection)
Max Speed (with 2S Battery)	42 km/h (approx. 26 mph)
Max Speed (with 3S Battery)	60 km/h (approx. 38 mph)
Batteries Included	Two 7.4V 1200mAh Li-Po batteries
Remote Control Frequency	2.4GHz
Remote Control Range	Up to 330 feet
Product Dimensions	11.2 x 8.4 x 4.1 inches
Item Weight	1.92 pounds
Recommended Age	14 years and up
Manufacturer	Shantou Haiboxing Technology&Education Model Co., Ltd.

10. WARRANTY AND SUPPORT

For technical assistance, warranty claims, or inquiries regarding replacement parts, please contact the seller directly. Provide your product model number (3100A) and a detailed description of the issue to facilitate support.

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Related Documents - 3100A

	<p>Four Wheel Drive Electric Power Race Truck Instruction Manual</p> <p>Instruction manual for the Four Wheel Drive Electric Power Race Truck, model 903. Includes setup, operation, maintenance, and troubleshooting.</p>
	<p>Request for Confidentiality - Shantou Haiboxing Technology & Education Model Co., Ltd.</p> <p>Request for confidentiality for FCC ID 2A2XW-LS113, submitted by Shantou Haiboxing Technology & Education Model Co., Ltd. This document outlines the reasons for withholding specific attachments from public disclosure, citing proprietary information and competitive advantage.</p>



[DIGITAL Can OBD2 Tool Owner's Manual](#)

Comprehensive owner's manual for the DIGITAL Can OBD2 Tool by Innova Electronics Corp. Learn how to use the OBD2 code reader to diagnose vehicle issues, understand diagnostic trouble codes (DTCs), and perform emissions readiness testing for 1996 and newer OBD2 compliant vehicles.

[2022 Product Manual: DC Linear Power Supplies and Test Equipment](#)

MATRIX TECHNOLOGY INC. offers a comprehensive product manual detailing their range of DC linear power supplies, AC power sources, electronic loads, digital multimeters, oscilloscopes, and other precision test and measurement instruments.