

## HAIBOXING 16889-DG

# HAIBOXING 1:16 RC Monster Truck Instruction Manual

Model: 16889-DG

## 1. INTRODUCTION

Thank you for purchasing the HAIBOXING 1:16 RC Monster Truck. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your remote control vehicle. Please read this manual thoroughly before use to ensure proper function and to maximize your enjoyment.

### 1.1 General Safety Information

- Under no circumstances should the user operate the vehicle in crowds of people. Serious injury could result.
- Never operate the vehicle on public streets. This could cause traffic accidents, personal injury, and/or property damage. This vehicle is ONLY to be driven on open tracks which are suitable for RC cars.
- DO NOT handle moving parts while the vehicle is powered on.
- The electronic components of this vehicle are splash-proof, but this vehicle is not fully submersible. Do not immerse this vehicle into water.
- Regularly check the batteries (radio controller) power. Replace with fresh batteries if necessary.
- DO NOT use this vehicle with low power from the transmitter/radio controller.
- When the vehicle becomes stuck, do NOT force throttle. Forcing the throttle can cause severe damage to the motor and/or the ESC (Electronic Speed Controller). Check and clear any obstacles.
- Before running the vehicle, check the battery wirings and plugs to ensure they are firm. Fix them if needed.
- Any malfunction incurred by unauthorized upgrading and modification will void warranty.

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- HAIBOXING 1:16 RC Monster Truck
- 2.4GHz Remote Control Transmitter
- 2 x 7.4V 1000mAh LiPo Batteries

- USB Charger
- Instruction Manual
- Sticker Set
- 4 x Spare Body Clips
- Screwdriver (for assembly/disassembly)



Image 2.1: All items included in the HAIBOXING 1:16 RC Monster Truck package.

### 3. COMPONENTS OVERVIEW

#### 3.1 RC Monster Truck

The HAIBOXING 1:16 RC Monster Truck features a robust design with a 4-wheel independent suspension system and splash-proof electronics for all-terrain performance.

# **AN UPGRADED VERSION IN 2022**

## **1/16TH SCALE FOUR WHEEL DRIVE ELECTRIC OFF-ROAD TRUCK**



**RC 390 Motor**



**3-Wire Servo**



**3-Wire ESC/Receiver**

Image 3.1: Internal components of the RC Monster Truck, highlighting the RC390 motor, 3-wire servo, and 3-wire ESC/receiver.

- **RC390 Motor:** Provides high-speed performance.
- **3-Wire Servo:** Controls steering with precision.
- **3-Wire ESC/Receiver:** Electronic Speed Controller and receiver unit for vehicle control.
- **High Performance Metal Shocks:** Ensures impressive damping and stable traction over varied terrain.
- **Powerful LED Lights:** Integrated headlights for visibility.





Image 3.2: Detail of the truck's high performance metal shocks and powerful LED lights.

### 3.2 Remote Control Transmitter

The 2.4GHz proportional remote control allows for stable and precise operation.



Image 3.3: Overview of the 2.4GHz Remote Control Transmitter.

1. **AUX. Switch:** Auxiliary function switch (deactivated for this vehicle).
2. **Trigger:** Controls forward/backward movement and speed.
3. **Steering Trim:** Adjusts the neutral position of the steering.
4. **Reverse Switch for Steering:** Reverses steering direction.
5. **Steering Wheel:** Controls left and right steering.
6. **Speed Selection:** Adjusts the maximum speed of the vehicle.
7. **Power Indicator:** Shows the power status of the transmitter.
8. **ON/OFF Switch:** Powers the transmitter on or off.

## 4. SETUP

### 4.1 Charging the Vehicle Battery

The vehicle uses 7.4V 1000mAh LiPo batteries. Always ensure batteries are fully charged before use.

1. Connect the LiPo battery to the USB charger.
2. Plug the USB charger into a suitable USB power source (e.g., computer USB port, USB wall adapter).
3. The indicator light on the charger will show the charging status (refer to charger instructions for specific light patterns).
4. Charging typically takes 2-3 hours. Disconnect the battery once fully charged.





Image 4.1: The included 7.4V 1000mAh LiPo batteries and USB charger.

## 4.2 Installing Batteries

### Vehicle Battery:

1. Remove the body clips and lift the truck body to access the battery compartment.
2. Place the charged LiPo battery into the battery compartment.
3. Connect the battery connector to the vehicle's power connector. Ensure correct polarity.
4. Secure the battery and reattach the truck body with the clips.

### Remote Control Batteries:

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

### 4.3 Pairing the Remote Control

The remote control and vehicle are typically pre-paired from the factory. If re-pairing is needed:

1. Ensure both the vehicle and remote control are powered off.
2. Turn on the remote control. The power indicator light should flash.
3. Turn on the vehicle.

4. The remote control's power indicator light should become solid, indicating a successful connection.
5. If pairing fails, turn off both devices and repeat the process.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Basic Controls

- **Forward:** Pull the trigger towards you.
- **Backward/Brake:** Push the trigger away from you.
- **Steering:** Turn the steering wheel left or right.

### 5.2 Speed Adjustment

Use the 'Speed Selection' dial on the remote control (refer to Image 3.3, item 6) to adjust the maximum speed of the vehicle. This is useful for beginners or for operating in smaller spaces.

### 5.3 Driving Tips

- Start with a lower speed setting until you are comfortable with the controls.
- The 4-wheel drive and independent suspension allow for excellent off-road performance on various terrains such as ground, rocky roads, meadows, mud, and stone mountain roads.
- The vehicle features splash-proof electronics, allowing it to operate in light snow, mud, and shallow water. However, avoid full submersion.



Image 5.1: The RC Monster Truck demonstrating its splash-proof design by driving through shallow water.

## 6. MAINTENANCE

### 6.1 Cleaning

- After each use, especially in dirty or wet conditions, clean the vehicle to remove dirt, mud, and debris.
- Use a soft brush or compressed air to clean hard-to-reach areas.
- Wipe the body with a damp cloth. Do not use harsh chemicals or solvents.
- Ensure all electronic components are dry before storing.

### 6.2 Storage

- Store the vehicle and remote control in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove batteries from both the vehicle and the remote control if storing for extended periods to prevent leakage.

### 6.3 Part Replacement and Assembly

All parts of the HAIBOXING 1:16 RC Monster Truck are designed for easy disassembly and assembly



using a screwdriver. Each part has a unique part number, which can be referenced in the manual for ordering replacements. This design facilitates easy upgrades and repairs.

## 7. TROUBLESHOOTING

If you encounter issues with your HAIBOXING RC Monster Truck, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle does not respond to remote control.	Low battery in vehicle or remote; Not paired; Power switch off.	Charge vehicle battery; Replace remote control batteries; Ensure both power switches are ON; Re-pair the remote control and vehicle.
Vehicle runs slowly or has reduced range.	Low battery in vehicle or remote; Interference.	Charge vehicle battery; Replace remote control batteries; Operate in an open area away from other electronic devices.
Steering is off-center.	Steering trim not adjusted.	Adjust the 'Steering Trim' dial on the remote control (refer to Image 3.3, item 3).
Vehicle gets stuck and motor strains.	Obstruction.	Immediately release the throttle. Clear the obstruction before resuming operation. Forcing the throttle can damage the motor or ESC.
Vehicle stops unexpectedly.	Overload protection activated; Low battery.	Allow the motor to cool down; Charge the battery.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	16889-DG
Scale	1:16
Product Dimensions	27.43 x 21.84 x 11.94 cm
Weight	1.45 kg
Motor	RC390
Max Speed	Up to 36 km/h
Vehicle Battery	2 x 7.4V 1000mAh LiPo (included)
Run Time	20-40 minutes (per battery, depending on driving style)
Control System	2.4GHz Proportional Remote Control
Control Range	Approximately 85 meters (280 feet)
Material	Plastic

Feature	Detail
Special Features	Weather Resistant (Splash-proof electronics), 4-wheel drive, Independent suspension
Recommended Age	14 years and up





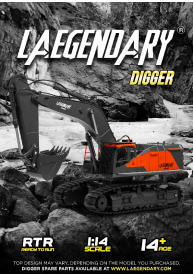


Image 8.1: Key dimensions of the HAIBOXING 1:16 RC Monster Truck.

## 9. WARRANTY AND SUPPORT

HAIBOXING is committed to providing quality products. While specific warranty details are not provided in this manual, please note that any unauthorized modifications or improper use of the product may void any applicable warranty.

For technical support, replacement parts, or further inquiries, please refer to the contact information provided on the product packaging or the retailer's website. All parts are available for separate purchase by part number, facilitating easy upgrades and repairs.

## Related Documents - 16889-DG

	<p><a href="#">Four Wheel Drive Electric Power Race Truck Instruction Manual</a></p> <p>Instruction manual for the Four Wheel Drive Electric Power Race Truck, model 903. Includes setup, operation, maintenance, and troubleshooting.</p>
	<p><a href="#">Request for Confidentiality - Shantou Haiboxing Technology &amp; Education Model Co., Ltd.</a></p> <p>Request for confidentiality for FCC ID 2A2XW-LS113, submitted by Shantou Haiboxing Technology &amp; Education Model Co., Ltd. This document outlines the reasons for withholding specific attachments from public disclosure, citing proprietary information and competitive advantage.</p>
	<p><a href="#">LAEGENDARY DIGGER 1:14 Scale RC Excavator User Manual and Guide</a></p> <p>Comprehensive user manual for the LAEGENDARY DIGGER 1:14 Scale RC Excavator. Includes setup, operation, safety precautions, replacement parts, and warranty information. Learn how to operate and maintain your hobby-grade construction vehicle.</p>
	<p><a href="#">1/16 Scale 4WD Electric Power Race Truck Instruction Manual</a></p> <p>Instruction manual for the 1/16 Scale 4WD Electric Power Race Truck, covering setup, operation, safety, and troubleshooting.</p>
	<p><a href="#">Manuale Uso, Manutenzione e Installazione Frigorifero Vittrifrigo Trivalente Digit</a></p> <p>Guida completa all'uso, manutenzione e installazione dei frigoriferi Vittrifrigo serie Trivalente Digit, modelli da 5060 DG a 5150 DG. Include istruzioni di sicurezza, funzionamento e risoluzione problemi.</p>