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› X-TMAGA HS16-83 1:16 RC Monster Truck User Manual

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Model: HS16-83

INTRODUCTION

Thank you for choosing the X-TMAGA HS16-83 1:16 Scale 4WD Off-Road RC Monster Truck. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your new remote control vehicle. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.



The X-TMAGA HS16-83 RC Monster Truck, designed for off-road performance.

What's in the Box

Carefully unpack all items and ensure all components are present:

- RC Truck (HS16-83) x1
- 7.4V 1300mAh Rechargeable Lithium Batteries x2
- 2.4GHz Remote Control Transmitter x1 (AA batteries not included)
- USB Charging Cable x1
- Tools x1 (e.g., screwdriver, wrench)
- Drift Tires x4 (additional set)

2.4G PROPORTIONAL CONTROL / 150FT RANGE



***Rate-Limiting 50%-100% (Friendly To Children)**

Included components: RC truck, remote control, batteries, charging cable, tools, and drift tires.

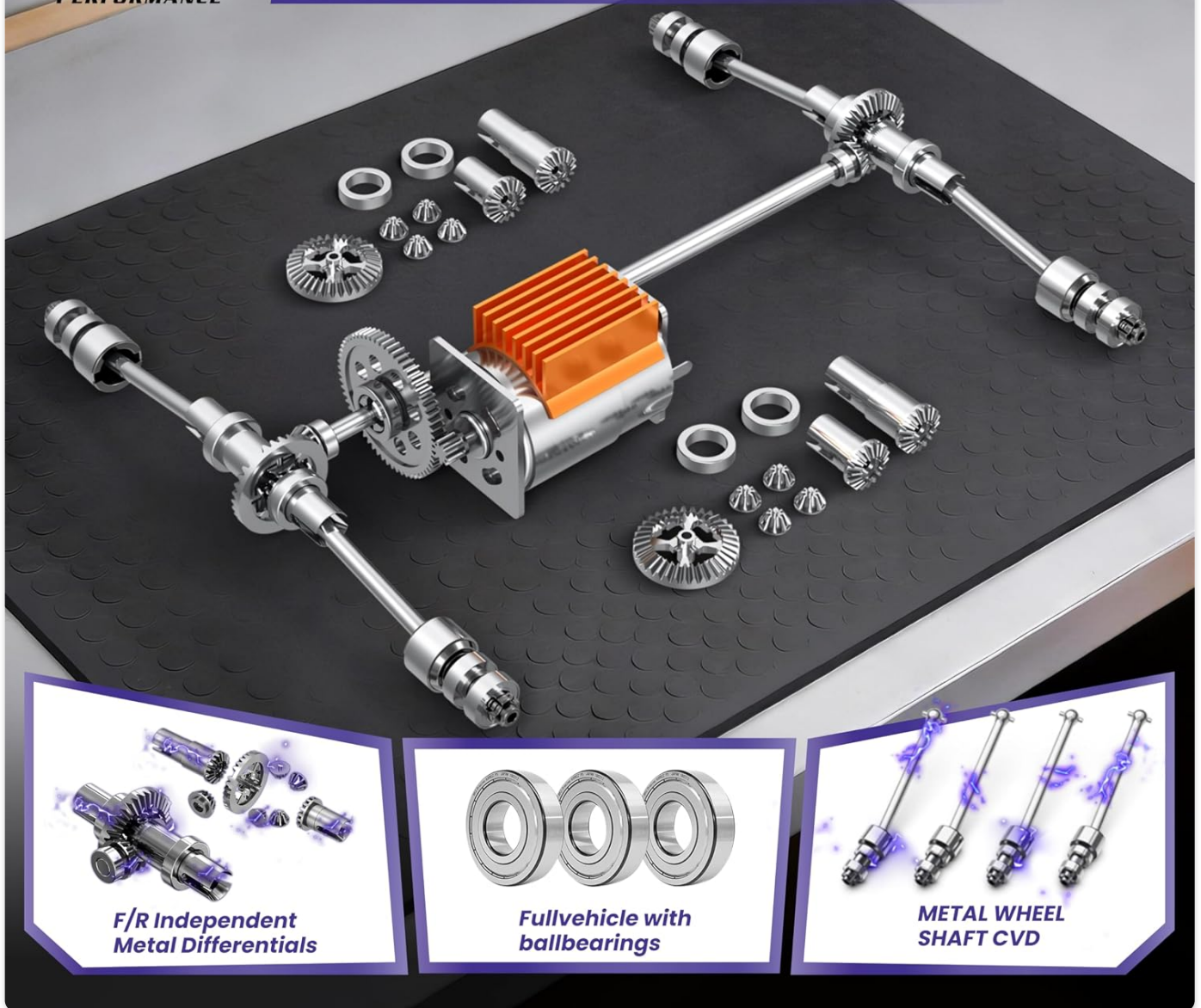
PRODUCT FEATURES

4WD Off-Road & Full Metal Drivetrain

The HS16-83 features a robust all-metal drivetrain, including metal gears, front and rear planetary differentials, a metal center driveshaft, metal wheel driveshafts, and metal axles. This design ensures superior durability and smooth power transmission across various terrains like gravel, sand, grass, and dirt.



ALL-METAL TRANSMISSION



Detailed view of the all-metal transmission system, including gears, differentials, and driveshafts.

High-Speed Performance

Equipped with a high-performance 380 brushed motor (29,000 RPM) and an aluminum heat sink, this RC car can achieve speeds over 40 km/h (25 mph), providing an exciting driving experience.



The RC truck highlighting its speed capabilities and key electronic components.

Modular Hard-Case Battery & Extended Playtime

Two 7.4V 1300mAh rechargeable lithium batteries, housed in fire-resistant hard shells, offer enhanced safety and durability. Each battery provides up to 25 minutes of runtime, totaling up to 50 minutes with both batteries.



The modular battery system provides extended playtime for the RC truck.

2.4GHz Full-Proportional Control System

The professional-grade 2.4GHz radio system offers precise throttle and steering control with a range of up to 70 meters. A waterproof 30A electronic speed controller (ESC) and responsive steering servo ensure stable and proportional control.

2.4G PROPORTIONAL CONTROL / 150FT RANGE



***Rate-Limiting 50%-100% (Friendly To Children)**

The 2.4GHz remote control offers full proportional control for precise handling.

Hobby-Grade Chassis & Scale Details

Designed with metal threaded oil-filled adjustable shocks, 13 precision ball bearings, and three-piece beadlock wheels for improved handling and durability. It also features a high-toughness roll cage, realistic driver figure, and 8 high-brightness LED roof lights for enhanced realism and night driving.



The chassis features adjustable shock absorbers and an integrated roll cage for durability.

SETUP

1. **Charge Batteries:** Connect the provided USB charging cable to the 7.4V 1300mAh lithium batteries. Plug the USB end into a compatible USB power adapter (not included). The indicator light on the charger will show charging status. Ensure batteries are fully charged before first use. Charging time is approximately 3-4 hours per battery.



Modular battery and USB charging cable.

2. **Install Transmitter Batteries:** Open the battery compartment on the remote control transmitter and insert 2 AA batteries (not included), observing correct polarity.



The 2.4GHz remote control transmitter.

3. **Install RC Truck Battery:** Remove the body shell of the RC truck. Carefully insert a charged 7.4V 1300mAh battery into the battery compartment and connect it to the vehicle's power connector. Secure the battery and reattach the body shell.
4. **Power On and Pair:** First, turn on the remote control transmitter. Then, turn on the RC truck. The truck and transmitter should automatically pair. If pairing fails, turn both off and repeat the process. The indicator light on the transmitter will become solid when paired.

OPERATING INSTRUCTIONS

Familiarize yourself with the remote control functions before operating the vehicle.

- **Throttle Trigger:** Pull the trigger towards you to accelerate forward. Push the trigger away from you to brake or reverse.
- **Steering Wheel:** Turn the steering wheel left or right to control the direction of the vehicle.
- **Steering Trim:** If the vehicle does not drive straight when the steering wheel is centered, use the steering trim dial on the remote to adjust it until it tracks straight.
- **Maximum Speed Adjustment:** The remote control features a dial to adjust the maximum speed (50%-100%). This is useful for beginners or for operating in smaller spaces.



The X-TMAGA HS16-83 is designed for all-terrain driving.

Safety Precautions:

- Always operate the RC truck in open areas, away from people, pets, and obstacles.
- Avoid operating in wet conditions, despite its waterproof features, to prevent potential damage to electronics.
- Do not touch moving parts during operation.
- Supervise children during operation.

MAINTENANCE

- **Cleaning:** After each use, especially in dirty or dusty conditions, clean the vehicle with a soft brush or compressed air. Avoid using water directly on electronics.
- **Inspection:** Regularly check all screws, nuts, and moving parts for looseness or damage. Tighten as necessary.

Inspect tires for wear and tear.



Inspect tires for wear and replace if necessary.

- **Battery Care:** Always disconnect the battery from the vehicle when not in use. Store batteries in a cool, dry place. Do not overcharge or over-discharge batteries. If storing for extended periods, charge batteries to approximately 50% capacity.
- **Lubrication:** Periodically apply a small amount of RC-safe lubricant to moving metal parts, such as gears and universal joints, to reduce friction and wear.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond	Low battery in truck or remote; Not paired; Power switch off.	Charge/replace batteries; Re-pair truck and remote; Ensure power switches are ON.
Vehicle drives slowly or inconsistently	Low battery in truck; Motor/gear obstruction; Speed adjustment set low.	Charge truck battery; Check for debris in gears/motor; Adjust speed dial on remote.
Steering is off-center	Steering trim needs adjustment.	Use the steering trim dial on the remote to correct the alignment.
Unusual noise from vehicle	Debris in gears; Damaged gear; Loose parts.	Inspect and clean gears; Check for damaged components; Tighten loose screws.

SPECIFICATIONS

- **Brand:** X-TMAGA
- **Model Name:** HS16-83
- **Scale:** 1:16
- **Drive System:** 4WD (Four-Wheel Drive)
- **Motor:** 380 Brushed Motor (29,000 RPM)
- **Speed:** 40+ KPH (25+ MPH)
- **Battery:** 7.4V 1300mAh Li-ion (x2 included)
- **Runtime:** Up to 25 minutes per battery (50 minutes total with two batteries)
- **Control System:** 2.4GHz Full-Proportional
- **Control Range:** Up to 70 meters
- **ESC:** 30A Waterproof Electronic Speed Controller

- **Drivetrain:** All-metal gears, differentials, driveshafts, axles
- **Suspension:** Metal threaded oil-filled adjustable shocks
- **Bearings:** 13 precision ball bearings
- **Wheels:** Three-piece beadlock wheels
- **Lighting:** 8 high-brightness LED roof lights
- **Indoor/Outdoor Usage:** Outdoor
- **UPC:** 741050814291



Overview of the RC truck's internal components and chassis design.

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact X-TMAGA customer service through the

retailer where the product was purchased or visit the official X-TMAGA website. Please have your model number (HS16-83) and proof of purchase ready when contacting support.

Online Resources:

- X-TMAGA Store: [Visit X-TMAGA Store on Amazon](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question