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## HYPER GO H16BM

# HYPER GO H16BM 1/16 Scale RC Truck Instruction Manual

Model: H16BM | Brand: HYPER GO

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## 1. INTRODUCTION

Welcome to the world of high-speed RC action with your new HYPER GO H16BM 1/16 Scale RC Truck. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your vehicle. Please read it thoroughly before first use to ensure optimal performance and longevity.



Figure 1: HYPER GO H16BM RC Truck with remote, batteries, and extra shell.

## 2. SAFETY GUIDELINES

Your HYPER GO H16BM is a powerful remote control vehicle. Adhering to these safety guidelines is crucial for preventing injury and damage.

- **Age Restriction:** Not for children under 14 years old. Adult supervision is recommended for all users.
- **Operating Environment:** Operate the RC truck in open, clear areas away from people, pets, vehicles, and obstacles. Avoid public roads.
- **Water Exposure:** While the receiver and ESC are splash-proof, avoid submerging the vehicle in water or operating in heavy rain to prevent damage to electronic components.
- **Battery Safety:**
  - Use only the provided or recommended LiPo batteries and charger.
  - Do not overcharge or over-discharge batteries.
  - Store batteries in a cool, dry place, away from flammable materials. The battery casing is made with flame-retardant materials for enhanced safety.
  - Inspect batteries for damage before each use. Discontinue use if damaged.
- **Throttle Control:** Do not steer at full speed until you have mastered the driving skills. Utilize the 70% throttle limited switch for beginners.

- **Heat:** The motor and ESC can become hot during operation. Avoid touching them immediately after use.



Figure 2: The battery casing is designed with flame-retardant materials for safety.

### 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x HYPER GO H16BM RC Truck
- 1 x 2.4GHz 3-Channel Transmitter (Remote Control)
- 2 x 7.4V 1050 mAh 25C LiPo Rechargeable Batteries
- 1 x USB Charging Cable
- 1 x Hexagonal Wrench
- 1 x Screwdriver
- 2 x Extra Metal Axles
- 1 x Extra Body Shell (Blue/Yellow design)
- 1 x Head-up Wheel Kit
- 1 x Product Manual (this document)



Figure 3: Visual representation of the package contents.

## 4. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	H16BM
Scale	1/16
Motor	Hobby 2845 4200KV, 4-pole Brushless Motor
ESC	Independent 45A ESC (2S/3S compatible)
Servo	2.1kgf.cm torque 3-wire servo
Transmission	4WD with Metal Gears and Metal Differential
Battery (Included)	2 x 7.4V 1050 mAh 25C LiPo
Max Speed (with 2S LiPo)	27+ mph (45 kph)
Max Speed (with 3S LiPo, not included)	42+ mph (68 kph)
Remote Control	2.4GHz 3-Channel Radio
Product Dimensions	12.2 x 9.1 x 4.7 inches
Item Weight	3.62 pounds
Recommended Age	14 years and up

## 5. INITIAL SETUP

### 5.1 Charging the Battery

Before first use, fully charge the included LiPo batteries. Connect the battery to the USB charging cable and plug the cable into a compatible USB power source (e.g., computer USB port, USB wall adapter). The indicator light on the charger will show charging status (refer to charger instructions for specific light patterns).

### 5.2 Installing the Battery

Carefully open the battery compartment on the underside of the RC truck. Insert a fully charged LiPo battery, ensuring the connectors align correctly. Securely close the battery compartment.

### 5.3 Transmitter Setup

Install 4x AA batteries (not included) into the transmitter. Ensure correct polarity. The transmitter features a 2.4GHz 3-Channel Radio for reliable control.

# 2.4GHz 3CH Radio Control

## Distance:120+ FT



Figure 4: The 2.4GHz 3-Channel Radio Transmitter with labeled controls.

### 5.4 Binding the Transmitter and Receiver

The truck and transmitter are typically pre-bound from the factory. If re-binding is necessary:

1. Ensure both the truck and transmitter are powered off.
2. Turn on the transmitter.
3. Turn on the RC truck. The indicator lights on both devices should show a successful connection (refer to the specific light patterns in the included product manual).
4. If binding fails, repeat the steps or consult the detailed binding procedure in the separate product manual provided in the box.



Figure 5: The splash-proof receiver and 45A ESC, designed for durability.

## 6. OPERATING YOUR RC TRUCK

### 6.1 Basic Controls

- **Throttle (CH2:TH):** Pull the trigger to accelerate forward. Push the trigger to brake or reverse.
- **Steering (CH1:ST):** Turn the steering wheel left or right to control the direction of the truck.
- **Steering Trim (ST.TRIM):** Adjust this dial to ensure the truck drives straight when the steering wheel is centered.
- **Throttle Limit Switch:** Located on the transmitter, this switch allows you to limit the maximum throttle output to 70% for beginners or 100% for experienced users. This is great for learning control before unleashing full speed.
- **CH3 Light Control/Code Matching (Fn button):** Use this button for controlling the light bar and for initiating code matching if needed.



Figure 6: Illustrates the difference in speed between 70% and 100% throttle settings.

### 6.2 Performance Modes (2S vs 3S LiPo)

Your HYPER GO H16BM comes with two 2S 7.4V 1050 mAh LiPo batteries, allowing for speeds of 27+ mph (45 kph). For even more extreme performance, the independent 45A ESC supports a 3S-capable power

system. With a compatible 3S 11.1V LiPo battery (sold separately), furious speeds of 42+ mph (68 kph) are achievable in optimum conditions.



Figure 7: The powerful Hobby 2845 4200KV brushless motor and E45A ESC.



Figure 8: Stable and continuous high-rate discharge platform, keeping the truck bursting at amazing speeds.

### 6.3 Driving Tips

- Start with the 70% throttle limit to get accustomed to the truck's handling.
- Practice steering and throttle control in an open area.
- The truck is designed for off-road use and can handle various terrains, jumps, and stunts like popping wheelies and back-flipping.
- The pre-mounted sponge inserted tires and oil-filled absorbers help reduce shaking and maintain stability at high speeds.



Figure 9: The truck's robust design, including oil-filled shocks, allows for impressive jumps and landings.



Figure 10: The truck is capable of handling various terrains and jumps.

## 7. MAINTENANCE AND CARE

Regular maintenance will extend the life and performance of your RC truck.

- **Cleaning:** After each use, especially after driving in dirt or dusty conditions, clean the truck with a soft brush or compressed air to remove debris. Avoid using water directly on electronics.
- **Battery Care:** Always disconnect the battery from the truck when not in use. Store batteries properly as per safety guidelines.
- **Inspecting Gears and Drivetrain:** Periodically check the metal gears and metal differential for wear or damage. The 5.5MM diameter axle and M4 nuts contribute to the durable 4WD system. The 16 ball bearings reduce power loss and should be kept clean.
- **Shock Absorbers:** The oil-filled absorbers are designed for durability. Check them for leaks or damage.
- **Chassis and Components:** The honeycomb chassis and F/R zinc metal reinforced sheets are designed for impact resistance. Inspect for cracks or damage after heavy impacts. The adjustable pull rod should also be checked for proper function.

# THE ULTRA-DURABLE METAL DRIVING SYSTEM

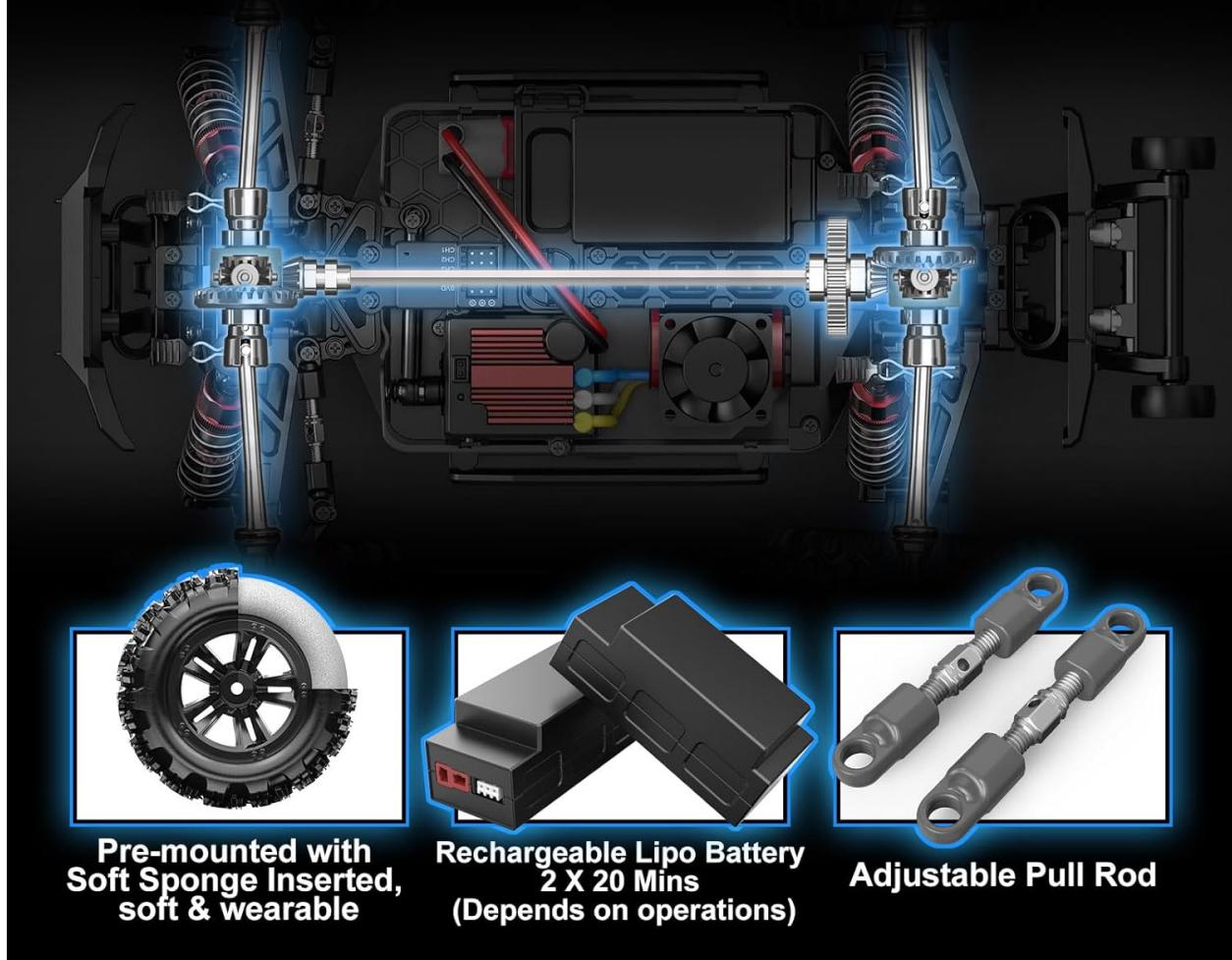


Figure 11: Components of the ultra-durable metal driving system, including pre-mounted tires, rechargeable LiPo battery, and adjustable pull rod.



Figure 12: Detailed view of the chassis and various drivetrain components for maintenance reference.

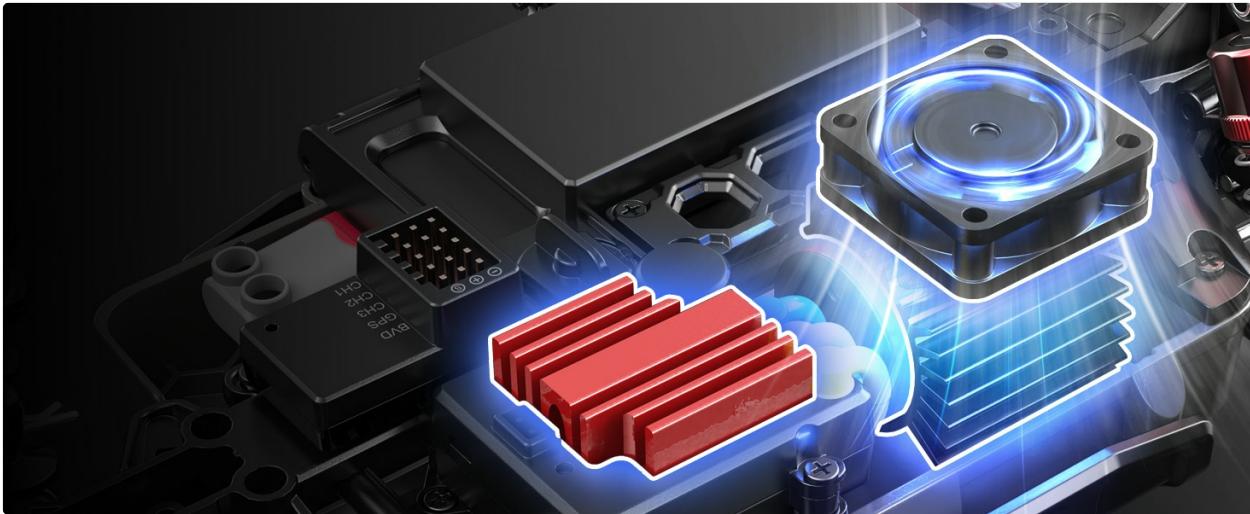


Figure 13: The brushless motor features a metal heatsink and cooling fans for optimal performance and longevity.

## 8. TROUBLESHOOTING GUIDE

If you encounter issues with your HYPER GO H16BM, refer to the common problems and solutions below. For more detailed troubleshooting, please consult the specific troubleshooting guide included in the product box.

Problem	Possible Cause	Solution
Truck does not turn on.	Battery not charged or connected; Power switch off.	Charge battery, ensure secure connection; Turn on power switch on truck and transmitter.
Truck does not respond to transmitter.	Not bound; Transmitter batteries low/dead; Out of range.	Re-bind truck and transmitter; Replace transmitter batteries; Operate within 120+ FT range.
Truck drives erratically or not straight.	Steering trim needs adjustment; Damaged steering components.	Adjust ST.TRIM dial on transmitter; Inspect steering servo and linkages for damage.
Reduced speed or power.	Low battery; Throttle limit switch engaged; Motor/ESC overheating.	Recharge battery; Check throttle limit switch (set to 100%); Allow components to cool down.
Unusual noises from drivetrain.	Debris in gears; Worn or damaged gears/bearings.	Clean gears; Inspect and replace worn metal gears or bearings.



Figure 14: For any questions during use, do not hesitate to contact customer support. A detailed troubleshooting guide is also included in the box.

## 9. WARRANTY AND CUSTOMER SUPPORT

For warranty information and customer support, please refer to the documentation included in your product packaging. You can also visit the official HYPER GO store on Amazon for additional resources, FAQs, and contact information.

**HYPER GO Store:** [Visit the HYPER GO Store](#)

Each item has a unique code that HYPER GO verifies before shipping, ensuring product authenticity and quality.