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› [HYPER GO H16PL 1/16 RTR Brushless RC Buggy, Fast RC Cars for Adults, Max 38 mph RC Truck, 4WD High Speed Racing RC Car with 2S 2000 mAh Battery for RC Basher](#)

## HYPER GO H16PL

# HYPER GO H16PL 1/16 RTR Brushless RC Buggy Instruction Manual

Model: H16PL

## INTRODUCTION

Thank you for choosing the HYPER GO H16PL 1/16 RTR Brushless RC Buggy. This high-speed 4WD RC truck is designed for enthusiasts seeking thrilling performance and durability. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new RC buggy to ensure optimal performance and longevity.

## SAFETY INFORMATION

### Warning: Not for children under 3 years old.

Always operate the RC buggy in open areas away from people, pets, and obstacles. Ensure proper battery handling and charging procedures are followed to prevent fire or injury. Do not modify the electronic components or motor. Keep small parts away from children to avoid choking hazards. Recommended age for operation is 14 years and up.

## WHAT'S IN THE BOX

Upon unboxing your HYPER GO H16PL, you should find the following components:



Figure 1: All components included in the HYPER GO H16PL package.

- 1 x Buggy (HYPER GO H16PL RC Buggy)
- 1 x T3A 2.4GHz 3-Channel Transmitter (Remote Control)
- 2 x 2S 2000 mAh Rechargeable Battery (Lithium Polymer batteries)
- 1 x 2S USB Cable (Charging Cable)
- 1 x Cross Wrench
- 1 x Screwdriver
- 1 x Product Manual (This document)
- 1 x Extra Shell (Colorfully painted body)
- 2 x Extra Metal Axle
- 4 x Extra Tires (Wider terrain tires)
- 8 x Extra Clips (Body clips)
- 1 x Extra Diff. (Metal differential)

## KEY FEATURES

- **Brushless Power System:** Equipped with a Hobby 2845 4200KV, 4-pole high-torque motor featuring a metal heatsink and cooling fans. An independent receiver and 45A ESC enhance upgrade potential. The 2S 7.4V 2000 mAh rechargeable battery enables speeds of 25+ mph (40 kph).



Figure 2: Illustration of the brushless motor and 45A ESC with integrated cooling fan.

- **Track-Optimized Design:** Features front short and rear long oil-filled shock settings to reduce drag in off-road races. The rear wing provides downforce during rapid acceleration, and the long rear suspension helps maintain vehicle balance and prevents chassis impact during jumps.



Figure 3: Close-up of the adjustable, oil-filled shocks designed to absorb impacts effectively.

- **Versatile Off-road Performance:** Includes 2 sets of different terrain tires. Wider tires offer superior grip on snow, grass, and sand, while narrower tires improve handling on race tracks, trails, and skate parks.
- **Enhanced Durability:** Constructed with a high-strength composite honeycomb chassis integrated with all-metal CVD (Constant Velocity Drive) for maximum rigidity. Metal spur and differential gears, along with 16 metal bearings, ensure smooth power delivery and increased longevity.

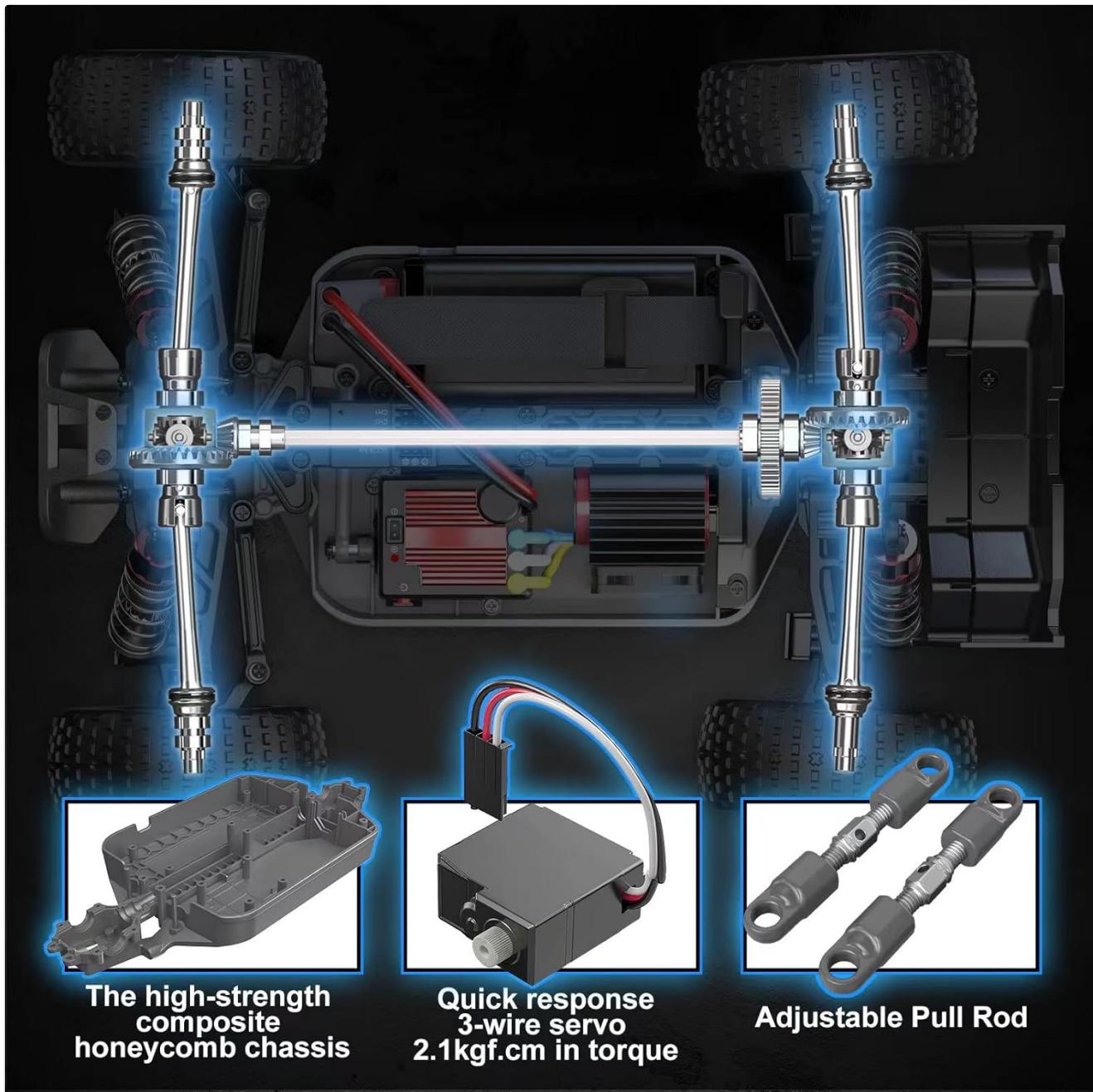


Figure 4: Internal view highlighting the durable composite honeycomb chassis, quick-response 3-wire servo, and adjustable pull rods.

- **3S Capable Power System:** The independent smart 2S/3S 45A ESC supports a 3S-capable power system, allowing for super-fast 38+ mph (62 kph) speeds under optimum conditions with a 3S Angry Snail LiPo battery (sold separately).



- 1, Independent ESC & Receiver Potential and Upgradeable.**
- 2, Low voltage cut off and thermal overload protection.**
- 3, 45A smart ESC compatible 2S, 3S LiPo battery**



- 1, 2S 7.4V 2000mAh Rechargeable Li-ion Battery,**
- 2, Balanced Charging over USB,**
- 3, 2 X 25 Mins (Depends on operations)**

Figure 5: Details of the splash-proof ESC and the flame-retardant battery case for enhanced safety and durability.

- Advanced Transmitter:** Includes a 120+ FT 2.4GHz 3-Channel Radio. New users can set throttle limits at 70% for easier control until they are ready to utilize the full speed potential.
- Additional Accessories:** Comes with a colorfully painted body, a pair of spare axles, a spare differential, and 8 extra body clips.



Figure 6: Overview of the extra accessories provided, such as a metal differential, wider tires, and metal CVDs.

## SETUP

### 1. Battery Installation & Charging

- Ensure both 2S 2000 mAh LiPo batteries are fully charged before first use. Use the provided 2S USB charging cable.
- Connect the battery to the charging cable, then plug the USB cable into a compatible USB power source (e.g., computer USB port, USB wall adapter).
- The charging indicator will show charging status (refer to charger's LED indicator for details). Charging typically takes approximately 25 minutes per battery.
- Once charged, carefully install the battery into the battery compartment of the RC buggy, securing it with the velcro strap.

### 2. Remote Control Setup

- Install 4 x AA batteries (not included) into the T3A 2.4GHz 3-Channel Transmitter.
- Turn on the transmitter first, then the RC buggy. This ensures proper binding and control.
- Familiarize yourself with the steering wheel (left/right) and throttle trigger (forward/reverse/brake).

# OPERATING INSTRUCTIONS

## 1. Basic Operation

- Starting:** Place the RC buggy on a flat surface. Ensure the remote control is on and bound to the vehicle.
- Forward/Reverse:** Pull the throttle trigger towards you to move forward. Push it away from you for reverse and braking.
- Steering:** Turn the steering wheel on the transmitter left or right to control the direction of the buggy.

## 2. Throttle Limit Adjustment

- The transmitter features a throttle limit switch (70% / 100%). For new users or in confined spaces, set the throttle limit to 70% to reduce maximum speed and improve control.
- Once comfortable, you can switch to 100% throttle for full speed performance.

## 3. Driving Tips

- Choose an open area free from obstacles, people, or pets.
- Experiment with both sets of tires for different terrains. The wider tires are ideal for loose surfaces like sand or grass, while the narrower tires provide better handling on hard surfaces.
- Practice smooth throttle and steering inputs to maintain control, especially at high speeds.

## 4. Official Product Videos

Currently, there are no official seller-created videos available for this product. Please refer to the detailed instructions and diagrams in this manual for guidance.

## MAINTENANCE

- Cleaning:** After each use, especially when driving in dusty or muddy conditions, clean the buggy to remove dirt and debris. Use a soft brush or compressed air. Avoid using water directly on electronic components.
- Component Check:** Regularly inspect the shocks, drivetrain (CVDs, differential), and steering linkages for any signs of wear or damage. Ensure all screws are tightened.
- Battery Care:**
  - Do not overcharge or over-discharge LiPo batteries.
  - Store batteries at approximately 3.85 volts per cell, not fully charged or completely depleted, for optimal longevity.
  - Allow batteries to cool down before recharging.
- Tire Inspection:** Check tires for wear and tear. Replace if significant damage or loss of tread is observed.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Buggy does not respond to remote.	Low battery in remote or buggy; not bound correctly.	Charge/replace batteries. Re-bind remote to buggy (refer to remote manual for binding process).
Reduced speed or power.	Low battery; motor/ESC overheating; drivetrain obstruction.	Recharge battery. Allow components to cool. Check for debris in gears or axles.
Steering issues (pulls to one side).	Steering trim incorrect; damaged steering linkage/servo.	Adjust steering trim on remote. Inspect and replace damaged parts if necessary.

Problem	Possible Cause	Solution
Unusual noises from drivetrain.	Debris in gears; worn gears/bearings.	Clean drivetrain. Inspect gears and bearings for wear and replace if needed.

## SPECIFICATIONS

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Feature	Detail
Product Dimensions	11.8 x 8.6 x 3.8 inches
Item Weight	3.6 pounds
Country of Origin	China
Item Model Number	H16PL
Manufacturer Recommended Age	14 years and up
Batteries	Lithium Polymer batteries required. (included)
Manufacturer	HYPER GO

## WARRANTY AND SUPPORT

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For warranty information, technical support, or replacement parts, please refer to the contact information provided on the product packaging or visit the official HYPER GO website. Keep your purchase receipt as proof of purchase for any warranty claims.