

TOUCAN RC HOBBY HL-70-3939-1CC-1-Armor

TOUCAN RC HOBBY Henglong T72 RC Battle Tank 1/16 Instruction Manual

Model: HL-70-3939-1CC-1-Armor

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your TOUCAN RC HOBBY Henglong T72 RC Battle Tank. Please read all instructions carefully before use to ensure optimal performance and longevity of your product.

2. SAFETY INFORMATION

Warning: This product is not suitable for children under 15 years of age due to small parts and operational complexity. Adult supervision is recommended for all users.

- Always operate the tank in a safe, open area, away from people, pets, and obstacles.
- Ensure the battery is correctly installed and charged according to the instructions.
- Do not modify the tank or its components, as this may void the warranty and create safety hazards.
- Keep fingers and loose clothing away from moving parts, such as tracks and wheels.
- When using BB pellets, ensure no people or animals are in the firing range. Always wear protective eyewear. Do not load more than 6 BB pellets at a time.
- For the smoke generator, use only the recommended liquid and follow the instructions for refilling. Do not overfill.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

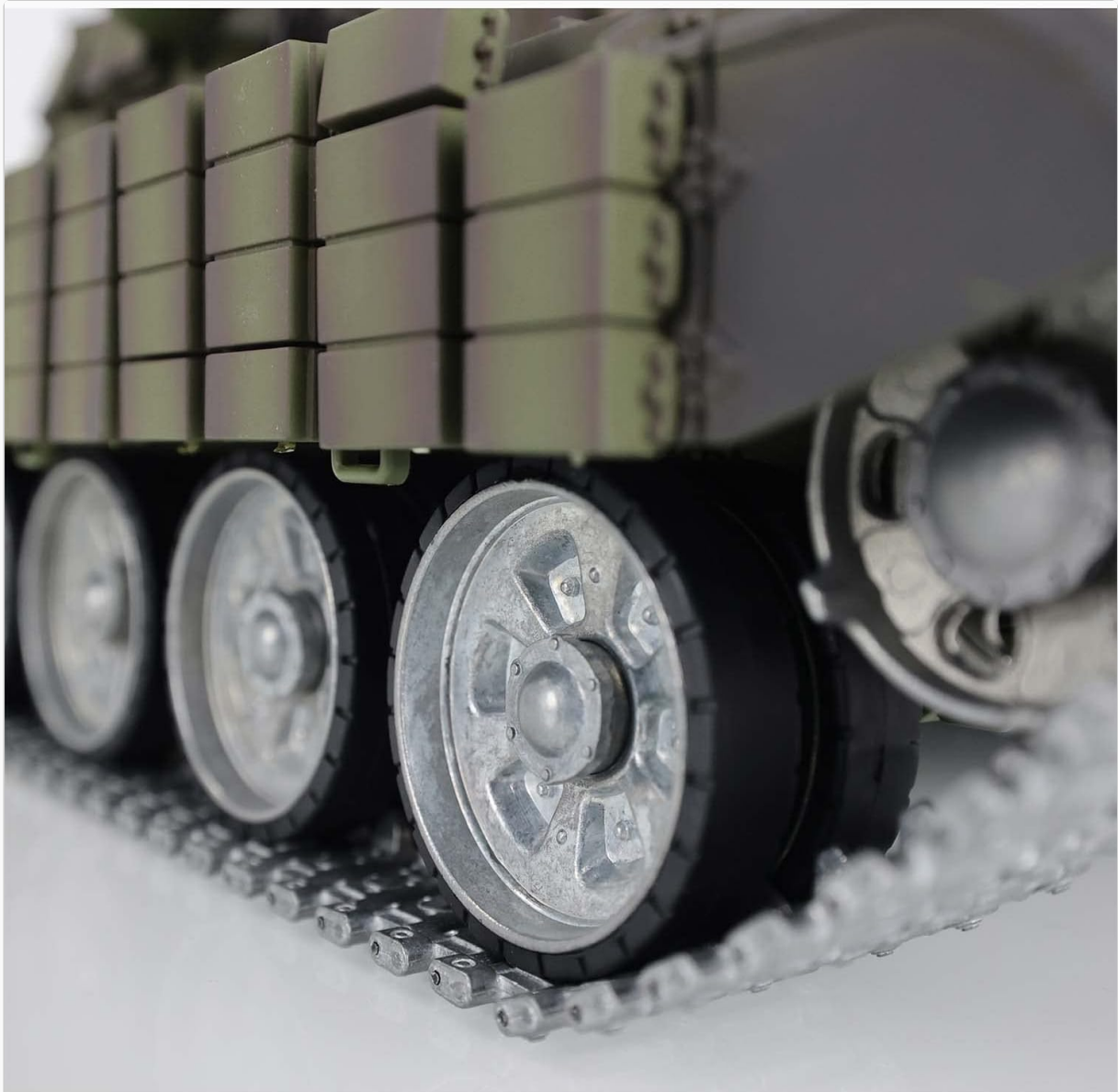
- 1/16 Scale Henglong T72 RC Battle Tank
- Armor Set
- Radio Controller (2.4Ghz)
- BB Pellets
- 360-Degree Turret Rotation Upgrade Parts
- Infrared Combating Transmitter
- Infrared Combating Receiver
- Idle Smoking Generator

- 1800mAh Tank Battery
- USB Universal Charger
- Accessory Kits
- English Manual Book (for reference)

4. SETUP GUIDE

Follow these steps to prepare your tank for operation:

1. **Unpack the Tank:** Carefully remove the tank and all accessories from its packaging.
2. **Install Battery:** Locate the battery compartment (refer to the tank's underside or rear for specific access). Connect the 1800mAh tank battery and secure it. Charge the battery fully using the provided USB Universal Charger before first use.
3. **Attach Remote Control Antenna:** Securely attach the antenna to the radio controller.
4. **Load BB Pellets:** Open the BB pellet hopper on the tank's turret. Carefully insert BB pellets. *Do not put over 6 pieces of bullets each time.*
5. **Activate Tank and Remote:** Turn on the tank using the on/off switch located at the rear of the tank. Then, turn on the remote control. The tank and remote should automatically pair.
6. **Prepare Smoke Generator:** For idle smoking, drop a maximum of five drops of the recommended liquid into the smoke generator's reservoir. Do not overfill.



5. OPERATING INSTRUCTIONS

Your Henglong T72 RC Battle Tank offers realistic controls and features:

- **Driving:** Use the joysticks on the 2.4Ghz radio controller to move the tank forward, backward, and turn. The metal tracks and driving wheels provide robust movement.
- **Turret Control:** The tank features 360-degree limitless turret rotation. Use the designated controls on the remote to rotate the turret and control the barrel's up and down movement (almost 30 degrees).
- **Firing Function:** Engage the firing mechanism to shoot 6mm BB pellets. Experience realistic hull-recoil action and firing sound effects. The shooting range is approximately 20 meters.
- **Infrared Combating:** The infrared combating system supports multi-player tank wars. Use the Infrared Combating Transmitter and Receiver for interactive battles.
- **Idle Smoking:** Activate the idle smoking generator for a realistic 'engine' smoke effect. When the tank runs faster, the smoke gradually becomes more prominent. Remember to add liquid as instructed in the setup guide.
- **Lights:** Emulational tank lights (LED) enhance realism during operation.



Figure 5.1: Side view of the tank, showing the main gun and turret details.

Operational Video

Video 5.1: Demonstrates the Pro Version of the 1/16 Henglong T72 RC Battle Tank with new armor, showcasing its movements and features.

6. KEY FEATURES

The Henglong T72 RC Battle Tank is designed with attention to detail and robust functionality:

- **Durable Construction:** Features metal tracks, metal driving wheels, metal idler wheels, full metal road wheels, metal suspension, metal return rollers (if applicable to the real tank model), and steel gears driving gearboxes for enhanced durability and realistic performance.
- **Realistic Appearance:** Scale appearance of a real tank with each action accompanied by mimic real tank mechanical sounds.
- **Advanced Control System:** Equipped with a 2.4Ghz radio control system, allowing multiple similar tanks to

combat together without radio interference.

- **Enhanced Stability:** Torsion bars and better springs support heavier weight, contributing to stable operation.

The Camouflage Net is not included



Figure 6.1: Detail of the tank's metal tracks and road wheels, highlighting robust construction.

7. MAINTENANCE

To ensure the longevity and performance of your RC tank, regular maintenance is recommended:

- **Cleaning:** After each use, especially if operated in dusty or dirty environments, gently clean the tracks, wheels, and body with a soft, dry cloth. Avoid using water or harsh chemicals.
- **Battery Care:** Always fully charge the battery before storage and recharge it every few months if not in use to prevent deep discharge. Disconnect the battery from the tank when not in use.
- **Storage:** Store the tank in a cool, dry place away from direct sunlight and extreme temperatures.
- **Smoke Generator:** Ensure the smoke generator reservoir is empty before long-term storage. Clean any residue if necessary.

8. TROUBLESHOOTING

If you encounter any issues, refer to the following common solutions:

- **Tank Not Responding:** Check if both the tank and remote control are powered on. Ensure the battery is charged and properly connected. Verify that the remote and tank are paired.
- **Weak Smoke Function:** Check if there is enough smoke liquid in the reservoir. Ensure the liquid is the correct type.
- **BB Pellets Not Firing:** Ensure the hopper is loaded correctly and not overfilled. Check for any obstructions in the barrel.
- **Interference:** If experiencing control issues, ensure no other 2.4Ghz devices are operating nearby that

could cause interference.

For persistent issues or advanced troubleshooting, please contact TOUCAN RC HOBBY customer support.

9. SPECIFICATIONS

Feature	Detail
Product Dimensions	16.6 x 5.6 x 8.6 inches
Item Weight	14.3 pounds
Item Model Number	HL-70-3939-1CC-1-Armor
Manufacturer Recommended Age	21 years and up
Batteries	1 Nonstandard Battery (1800mAh included)
Manufacturer	Henglong

10. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the documentation included with your purchase or visit the official TOUCAN RC HOBBY website. For upgrade options or specific inquiries, please contact the manufacturer directly.