

Heng Long Leopard2 A6

Heng Long Toucan RC Hobby 2.4Ghz 1/16 Scale Plastic Leopard2 A6 RC Tank Instruction Manual

Model: Leopard2 A6

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your Heng Long Toucan RC Hobby 2.4Ghz 1/16 Scale Plastic Leopard2 A6 RC Tank. Please read this manual thoroughly before operating the product to ensure optimal performance and longevity.



Image 1: The Heng Long Leopard2 A6 RC Tank, its 2.4Ghz radio controller, and the product packaging.

2. PACKAGE CONTENTS

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

- 1x Heng Long Leopard2 A6 RC Tank
- 1x 2.4Ghz Radio Controller
- 1x Bag of 6mm BB Pellets
- 1x Infrared Combating Transmitter (for multi-player tank war)
- 1x Infrared Combating Receiver
- 1x Idle Smoking Generator
- 1x Smoke Liquid (availability may vary by region)
- 1x 1800mAh Tank Battery
- 1x USB Universal Charger
- 1x Set of Accessory Kits (e.g., tools, tow cables, decorative elements)

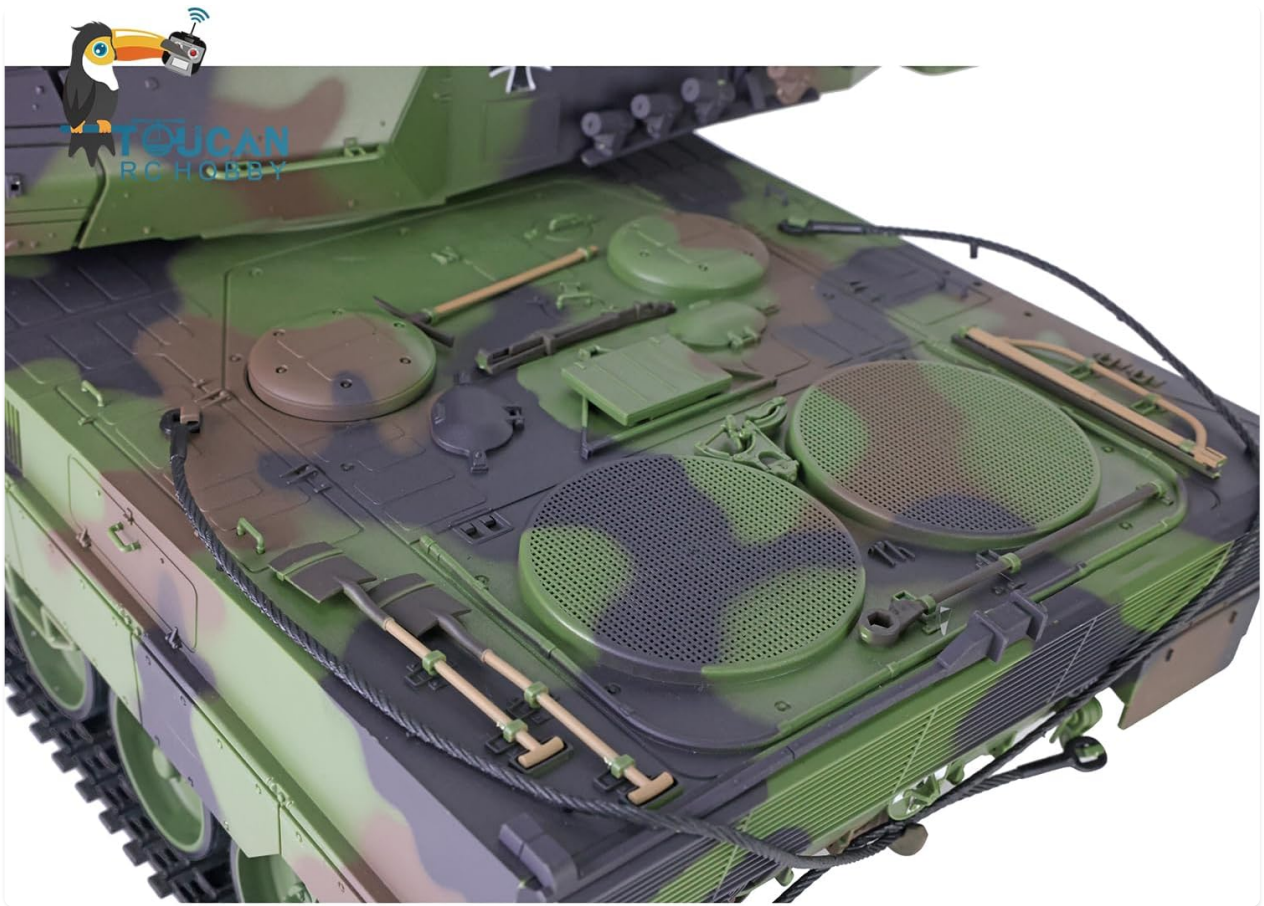


Image 2: Detailed view of the tank's top deck, showcasing various included accessory tools and hatches.

3. SETUP

1. **Battery Installation:** Locate the battery compartment on the tank. Connect the provided 1800mAh tank battery and secure it. Ensure the battery is fully charged before first use using the USB universal charger.
2. **Radio Controller Batteries:** Install appropriate batteries (not included) into the radio controller.
3. **Smoke Liquid:** For smoke generation, carefully add the provided smoke liquid into the designated reservoir on the tank. Refer to the tank's specific compartment for this.
4. **BB Pellets Loading:** Open the BB pellet loading hatch, typically located on the turret, and carefully load the 6mm BB pellets. Close the hatch securely.
5. **Accessory Attachment:** Attach any decorative accessories or tools to the tank as desired for enhanced realism.



Image 3: The commander figure positioned in the open hatch, illustrating the attention to detail.

4. OPERATING INSTRUCTIONS

Your Leopard2 A6 RC Tank offers realistic movement and combat features. Familiarize yourself with the radio controller's functions before operation.

4.1 Basic Movement

- Use the left joystick for forward/backward movement and pivot steering.
- The tank features proportional control for precise speed adjustments.

4.2 Turret and Barrel Control

- The turret can rotate approximately 340 degrees. Use the designated controls on the radio controller for rotation.
- The main barrel can move up and down approximately 30 degrees. Use the corresponding controls for elevation and depression.



Image 4: An overhead view demonstrating the tank's 340-degree turret rotation range.

4.3 Firing Mechanism

- The tank is equipped to shoot 6mm BB pellets. Ensure the BB loading hatch is closed after loading.
- Activate the firing mechanism using the dedicated button on the radio controller.
- Experience realistic hull-recoil action and firing sound effects upon shooting. The shooting range is approximately 20 meters.

4.4 Smoke Generation

- The tank features an idle smoking generator, simulating real tank exhaust.
- Smoke output increases as the tank moves faster. Ensure smoke liquid is present in the reservoir for this function.

4.5 Infrared Combating System (TK7.0)

- The TK7.0 Infrared combating system allows for multi-player tank battles.
- Refer to the specific instructions for the infrared system for detailed combat rules and setup with other compatible tanks.

4.6 Operational Videos

Watch these videos for a visual guide on the tank's features and operation:

Heng Long Leopard2 A6 RC Tank Features

Video 1: Demonstrates the 2.4Ghz 1/16 Scale Plastic Leopard2 A6 RC Tank in action, showcasing its movement, turret rotation, and firing capabilities.

Leopard2 A6 RC Tank IR Battle & BBs Airsoft

Video 2: Highlights the infrared battle system and BB airsoft firing of the 1/16 Henglong TK7.0 Leopard2A6 RC Tank.

Henglong German Leopard 2A6 Main Battle Tank Overview

Video 3: A brief overview of the Henglong German Leopard 2A6 Main Battle Tank, demonstrating its realistic features.

5. MAINTENANCE

- **Cleaning:** After each use, especially if operated outdoors, clean the tank to remove dirt, dust, and debris from the tracks, wheels, and body. Use a soft, dry cloth. Avoid water or harsh chemicals.
- **Battery Care:** Always disconnect the battery after use. Store batteries in a cool, dry place. Do not overcharge or completely discharge the battery.
- **Smoke Unit:** If the smoke unit performance decreases, ensure the smoke liquid reservoir is adequately filled. Clean any residue around the smoke outlet.
- **Track Inspection:** Regularly inspect the tracks for any damage or debris that might hinder movement.



Image 5: A close-up view of the tank's road wheels and tracks, highlighting the metal suspension components.

6. TROUBLESHOOTING

- **Tank Not Responding:** Ensure both the tank and radio controller are powered on. Check battery connections and charge levels for both devices. Verify that the controller is properly paired with the tank.
- **No Smoke Output:** Confirm that smoke liquid has been added to the reservoir. Allow a few moments for the heating element to warm up.
- **BB Pellets Not Firing:** Check if the BB loading hatch is properly closed and if there are enough pellets loaded. Ensure the firing mechanism is not jammed.
- **Erratic Movement:** This could indicate low battery on either the tank or controller, or interference from other 2.4Ghz devices. Try operating in a different location.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	27 x 10 x 12 inches
Item Weight	11 pounds
Scale	1/16
Material	Plastic (with metal road wheel suspension and barrel)
Battery	1800mAh Nonstandard Battery (rechargeable)
Radio Frequency	2.4Ghz
Turret Rotation	Approx. 340 degrees
Barrel Movement	Approx. 30 degrees (up/down)
Firing Mechanism	6mm BB pellets, with hull-recoil and sound effects
Shooting Range	20 meters
Special Features	Idle smoking generator, TK7.0 Infrared combating system
Manufacturer Recommended Age	0 - 10 years (Note: Always supervise young children during operation due to small parts and BB firing)

8. WARRANTY AND SUPPORT

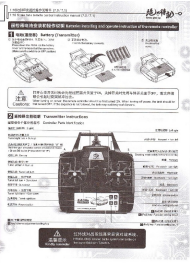



For warranty information, technical support, or inquiries regarding replacement parts, please contact the seller, Toucan RC Hobby, directly through your purchase platform. Keep your proof of purchase for any warranty claims.

Related Documents - Leopard2 A6



[Heng Long German Panther Type G 1/16 Scale Battle Tank Instruction Manual](#)

Detailed instruction manual for the Heng Long German Panther Type G 1/16 Scale Battle Tank, covering assembly, parts, and operation.

	<p>Heng Long 1:16 Scale Tank Remote Control Manual (7.0/7.1)</p> <p>Comprehensive instruction manual for Heng Long 1:16 scale remote control tanks, covering battery installation, remote controller functions, and mainboard socket comparisons for versions 7.0 and 7.1.</p>
	<p>HENG LONG U.S. M1A2 ABRAMS 3918-1 RC Tank Assembly Instructions</p> <p>Detailed assembly instructions and parts guide for the HENG LONG U.S. M1A2 ABRAMS 3918-1 Radio Controlled Tank model kit. Includes steps for applying decals and installing accessories.</p>
	<p>Heng Long 1/16 RC Tanks Quick Start Guide</p> <p>A quick start guide for Heng Long 1/16 scale RC tanks, covering immediate post-unboxing steps, radio operation, and basic functions. Includes a wiring diagram and component layout.</p>
	<p>Heng Long M1A2 Abrams RC Tank: Removing Upper Hull Screws</p> <p>Step-by-step guide on removing the upper hull screws for the Heng Long USA M1A2 Abrams Professional Edition 1/16 Scale Battle Tank (Model HLG3918-002). Learn how to access internal components for maintenance or upgrades.</p>