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› Heng Long 1/16 Upgraded 7.0 Soviet Kv-2 RTR RC Tank Gigant 3949 Instruction Manual

wheelfun 3949-Metal-Upgraded-Edition

Heng Long 1/16 Upgraded 7.0 Soviet Kv-2 RTR RC Tank Gigant 3949 Instruction Manual

Model: 3949-Metal-Upgraded-Edition | Brand: wheelfun

1. INTRODUCTION

Thank you for purchasing the Heng Long 1/16 Upgraded 7.0 Soviet Kv-2 RTR RC Tank Gigant 3949. This model is designed for enthusiasts seeking a realistic and feature-rich remote-controlled tank experience. It includes advanced features such as an infrared combating system, BB pellet shooting with hull-recoil action, a 340-degree rotating turret, and a smoking generator. Please read this manual thoroughly before operation to ensure safe and optimal performance.

2. SAFETY INFORMATION

- **Age Recommendation:** This product is recommended for users 21 years and up due to its complexity and features.
- **BB Pellets:** Always wear protective eyewear when operating the tank, especially when using the BB shooting function. Do not aim at people or animals.
- **Smoke Generator:** Use only the specified smoke liquid. Do not overfill. Ensure proper ventilation when operating the smoke function indoors.
- **Battery Safety:** Use only the recommended batteries. Do not short-circuit, disassemble, or expose batteries to extreme temperatures. Supervise charging.
- **Moving Parts:** Keep fingers, hair, and loose clothing away from moving parts such as tracks and gears to prevent injury.
- **Environment:** Operate the tank in open, clear areas, away from obstacles, water, and electrical hazards.

3. SETUP

3.1. Unboxing and Inspection

Carefully remove all components from the packaging. Verify that all parts listed in the 'What's in the Box' section are present. Inspect the tank and remote control for any visible damage. If any parts are missing or damaged, contact customer support immediately.

3.2. Battery Installation

Install the main battery into the tank's battery compartment (refer to the diagram below for location). Ensure correct polarity. Install batteries into the remote control as per its specific instructions (typically AA batteries, not included).



Image: The Heng Long Kv-2 RC Tank with its accompanying remote control, illustrating the overall product and its primary control unit.

3.3. Smoke Liquid Filling

Locate the smoke generator reservoir on the tank. Carefully add **only one drop** of the provided smoke liquid into the tank. Overfilling can cause damage. (Note: Smoke liquid may not be shippable to all countries.)

3.4. Pairing Remote Control

Turn on the tank, then turn on the remote control. The 2.4Ghz radio control system should automatically pair. If pairing fails, refer to the remote control's specific instructions for manual binding procedures.

4. OPERATING INSTRUCTIONS

4.1. Basic Movement

Use the left joystick on the remote control to move the tank forward and backward. Push both sticks forward to move straight forward, pull both back for straight reverse. Use differential steering (pushing one stick forward and pulling the other back) for pivot turns.



Image: A side profile of the Heng Long Kv-2 RC Tank, showcasing its detailed metal tracks and suspension system.

4.2. Turret Control

The turret can rotate almost 340 degrees. Use the designated controls on the remote to rotate the turret left or right. The barrel can move up and down approximately 30 degrees using separate controls.



Image: A front view of the Heng Long Kv-2 RC Tank, highlighting its main gun and front armor details.

4.3. BB Shooting

Load 6mm BB pellets into the designated compartment. Press the shooting button on the remote to fire. The tank features a cool hull-recoil action and firing sound effect. The shooting range is approximately 20 meters.

4.4. Smoke Generator

Activate the smoke generator via the remote control. The tank will produce smoke, with the volume increasing as the tank moves faster. Ensure the smoke liquid reservoir is adequately filled.

4.5. Infrared Combat System

This tank is equipped with an infrared combating system, allowing multiple players to engage in tank battles. Refer to the specific combat mode instructions provided with the remote control for details on engaging and scoring hits.

Your browser does not support the video tag.

Video: An official demonstration of the Heng Long RC Tank 1/16 7.0 Soviet Kv-2 RC Tank Gigant 3949, showcasing its various operational features including movement, turret rotation, and firing.

5. MAINTENANCE

5.1. Cleaning

After each use, gently wipe down the tank with a dry, soft cloth to remove dust and debris. Avoid using water or harsh chemicals, which can damage electronic components.

5.2. Track Maintenance

Regularly inspect the metal tracks and road wheels for any foreign objects or damage. Clean any accumulated dirt or grass from the tracks and suspension components to ensure smooth operation.

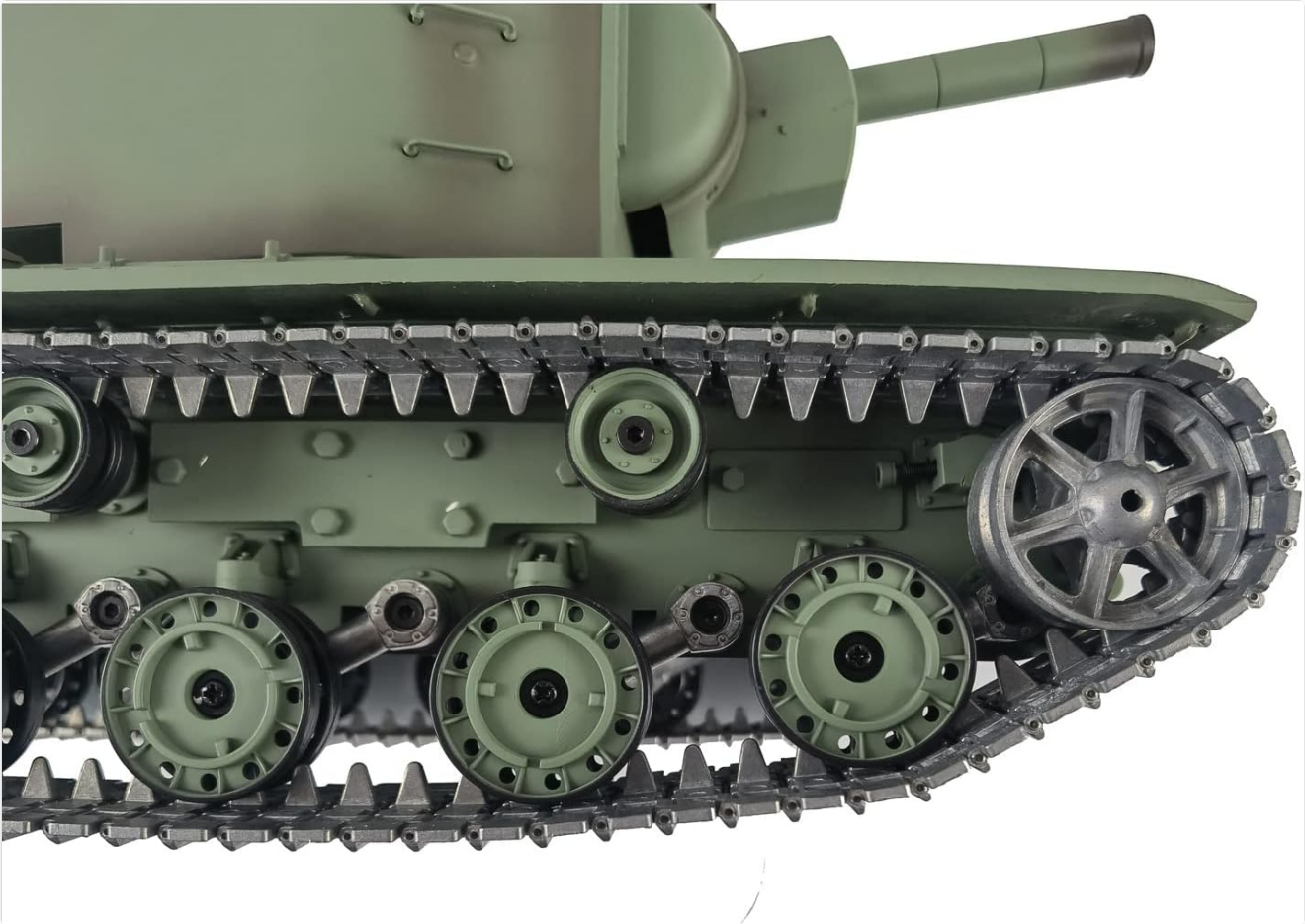


Image: A detailed view of the tank's metal tracks and road wheels, illustrating the robust construction and components requiring periodic inspection.

5.3. Storage

When not in use, store the tank in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries from both the tank and the remote control if storing for extended periods to prevent leakage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tank does not respond	Low battery in tank or remote; Not paired; Power switch off.	Charge/replace batteries; Re-pair remote; Ensure power switches are ON.
BBs not firing	No BBs loaded; Jammed barrel; Firing mechanism issue.	Load BBs; Clear barrel obstruction; Contact support if issue persists.
No smoke production	No smoke liquid; Smoke generator off; Clogged nozzle.	Add smoke liquid (one drop); Turn on generator; Gently clean nozzle.

Problem	Possible Cause	Solution
Turret not rotating	Obstruction; Gear issue; Control problem.	Check for obstructions; Contact support.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact our professional after-sales and technical maintenance team for guidance. They can provide support via video or text.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	23.2 x 12.4 x 10 inches
Item Weight	12.98 pounds
Item Model Number	TH19750-AMZUS2-1
Manufacturer Recommended Age	21 years and up
Mainboard Version	7.0
Turret Rotation	Approx. 340 degrees
Barrel Movement	Approx. 30 degrees (up/down)
BB Pellet Size	6mm
BB Shooting Range	20m
Radio Control System	2.4Ghz
Gearbox	Steel driving gearbox

8. WARRANTY & SUPPORT

8.1. Return Policy

This product is subject to a 30-day return policy for refund or replacement. Please refer to your purchase platform's specific return guidelines for detailed instructions.

8.2. Protection Plans

Extended protection plans are available for purchase, including 2-Year and 3-Year options, as well as a monthly 'Complete Protect' plan. These plans offer additional coverage beyond the standard return policy.

8.3. Customer Support

For any questions, technical assistance, or to report damage, please contact the seller, Wheelfun RC Hobby. Our professional after-sales team and technical maintenance team are available to provide guidance in English through video or text for repairs and support. You can find more information and contact details by visiting the [wheelfun Store on Amazon](#).

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.

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

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