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› Henglong 1/16 7.0 Customized Soviet KV-2 Gigant RTR RC Tank User Manual

wheelfun TH19753-AMZUS2

Henglong 1/16 7.0 Customized Soviet KV-2 Gigant RTR RC Tank User Manual

MODEL: TH19753-AMZUS2

Brand: wheelfun

Product Overview

The Henglong 1/16 7.0 Customized Soviet KV-2 Gigant RTR RC Tank is a hobby-grade model featuring realistic functions and durable construction. It includes an infrared combating system for multi-player battles, a 2.4Ghz radio control system for interference-free operation, and a 7.0 mainboard offering dual sound options. The tank is equipped with metal tracks, sprocket wheels, idler wheels, full metal road wheels, and steel-gearred metal gearboxes for enhanced wear resistance. Key features include 360-degree limitless turret rotation, barrel elevation/depression, realistic firing of 6mm BB pellets with hull-recoil action, and an idle smoking unit.



Figure 1: Side view of the Henglong KV-2 Gigant RC Tank.

What's Included

- Henglong 1/16 KV-2 Gigant RC Tank
- Radio Controller
- 6mm BB Pellets
- 360 Degree Turret Rotation Upgrade Parts
- Infrared Combating Transmitter
- Infrared Combating Receiver
- Idle Smoking Generator
- Smoke Liquid (Note: May not be shippable to all countries)
- 1800mAh Tank Battery
- USB Universal Charger
- Accessory Kits
- English Manual Book

Setup Guide

1. Unboxing and Inspection

Carefully remove all components from the packaging. Inspect the tank and accessories for any signs of damage. Ensure all items listed in the 'What's Included' section are present.

2. Battery Installation and Charging

Locate the battery compartment on the tank. Connect the 1800mAh tank battery to the tank's power connector. Secure the battery within the compartment. Before first use, fully charge the battery using the provided USB universal charger. The charging indicator on the charger will change when charging is complete.



Figure 2: The tank and its radio controller. Ensure the tank battery is properly installed and charged.

3. Controller Setup

Install the required batteries (not included) into the radio controller. Power on the controller, then power on the tank. The tank and controller should automatically pair. Refer to the detailed manual for specific pairing instructions if issues arise.

4. Smoke Unit Preparation

The tank features an idle smoking unit. To activate this function, carefully drop **one drop** of the provided smoke liquid into the designated smoke unit reservoir. Overfilling can damage the unit. The smoke output will increase as the tank moves faster, mimicking a real engine.

Operating Instructions

1. Basic Controls

- **Movement:** Use the left joystick on the controller to control forward, backward, left, and right movement of the tank.
- **Turret Rotation:** Use the right joystick to rotate the turret 360 degrees in either direction.
- **Barrel Elevation:** Use the dedicated buttons or joystick controls to move the main gun barrel up and down by approximately 30 degrees.
- **Firing BB Pellets:** Load 6mm BB pellets into the designated magazine. Press the firing button on the controller to shoot pellets. The tank will exhibit a realistic hull-recoil action and firing sound effect. The shooting range is approximately 20 meters.
- **Smoke Function:** Activate the smoke generator via the controller. Ensure smoke liquid has been added as per setup instructions.
- **Lights:** The tank features emulational LED lights that can be controlled via the radio controller.

Video 1: Demonstration of the tank's movement, turret rotation, barrel elevation, and firing capabilities.

2. Infrared Combat System

The tank is equipped with an infrared combating system, allowing multiple players to engage in realistic tank battles. Use the infrared combating transmitter and receiver to register hits and simulate damage. Refer to the detailed manual for specific rules and gameplay modes for infrared combat.



Figure 3: The infrared combat system allows for engaging multi-player tank battles.

Maintenance

1. Cleaning

Regularly clean the tank's exterior with a soft, dry cloth. Avoid using water or harsh chemicals, as this can damage electronic components. Remove any debris from the tracks and wheels to ensure smooth operation.

2. Track and Wheel Maintenance

Periodically inspect the metal tracks, sprocket wheels, idler wheels, and road wheels for wear or damage. Ensure the tracks are free of obstructions and move smoothly. Lubricate moving parts as recommended in the detailed manual to maintain optimal performance and prevent premature wear.



Figure 4: Close-up view of the durable metal tracks and road wheels.

3. Smoke Unit Care

If the smoke unit is not producing smoke, check if the reservoir needs refilling with smoke liquid. Always use only one drop at a time to prevent damage. If the unit becomes clogged, gently clean it as per the detailed manual's instructions.

Troubleshooting

Problem	Possible Cause	Solution
Tank does not power on	Battery not charged or improperly connected; Power switch off	Ensure battery is fully charged and correctly installed. Turn on the tank's power switch.
No response from controller	Controller batteries low or dead; Tank and controller not paired	Replace controller batteries. Re-pair the tank and controller according to the manual.
Smoke unit not working	No smoke liquid; Clogged unit	Add one drop of smoke liquid. Clean the smoke unit if clogged.
BB pellets not firing	No pellets loaded; Firing mechanism jammed	Load 6mm BB pellets. Check for obstructions in the firing mechanism.
Tracks not moving smoothly	Debris in tracks; Tracks too tight/loose	Clean tracks and wheels. Adjust track tension if possible (refer to detailed manual).

Specifications

- **Product Dimensions:** 23.4 x 12.6 x 10.2 inches
- **Item Weight:** 9.46 pounds
- **Item Model Number:** TH19753-AMZUS2
- **Manufacturer Recommended Age:** 21 years and up
- **Mainboard Version:** 7.0
- **Turret Rotation:** 360 degrees limitless
- **Barrel Elevation:** Approximately 30 degrees
- **Firing Mechanism:** 6mm BB pellets with hull-recoil action
- **Tracks:** Metal
- **Gearboxes:** Full metal, steel gears
- **Radio System:** 2.4Ghz

Warranty and Support

This product is covered by a manufacturer's warranty. For detailed information regarding warranty terms, conditions, and duration, please refer to the warranty card included in your product packaging or contact the seller directly. Keep your proof of purchase for warranty claims.

For technical support, replacement parts, or any other inquiries, please contact the manufacturer or seller. You can also visit the official [wheelfun Store](#) for more information and resources.

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