



Manuals.plus /

› wheelfun /

› Heng Long RC T34-85 Tank 1/16 3909 Pro Edition Instruction Manual

**wheelfun 3909**

# Heng Long RC T34-85 Tank 1/16 3909 Pro Edition Instruction Manual

Model: 3909 Pro Edition

## 1. INTRODUCTION

---

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Heng Long RC T34-85 Tank 1/16 3909 Pro Edition. Please read this manual thoroughly before operating the tank to ensure safe and correct usage.



Figure 1: The Heng Long RC T34-85 Tank, remote control, and product packaging.

## 2. PACKAGE CONTENTS

---

Verify that all items are present in the package:

- Heng Long RC T34-85 Tank Model
- Remote Control
- BB Pellets (6mm)
- Smoke Liquid (if applicable, may not be shipped to all countries)
- Rechargeable Battery for Tank
- Battery Charger
- Instruction Manual (this document)

## 3. SETUP

---

### 3.1 Battery Installation and Charging

1. **Tank Battery:** Locate the battery compartment on the tank. Connect the rechargeable battery to the tank's power connector. Secure the battery within the compartment.
2. **Remote Control Batteries:** Insert appropriate batteries (usually AA, not specified in product data) into the remote control's battery compartment.

3. **Charging:** Use the provided charger to fully charge the tank's rechargeable battery before first use. Refer to the charger's specific instructions for charging times and indicators.

### 3.2 BB Pellet Loading

1. Ensure the tank's power is OFF.
2. Locate the BB loading hatch on the tank's turret.
3. Carefully open the hatch and pour the 6mm BB pellets into the designated reservoir. Do not overfill.
4. Close the hatch securely.



Figure 2: Loading BB pellets into the tank's turret.

### 3.3 Smoke Liquid Filling

The tank features an idle smoking function. To activate this, smoke liquid is required.

1. Locate the smoke unit's filling port, typically near the engine deck.
2. Carefully add **only one drop** of smoke liquid into the port. **Warning: Adding more than one drop can damage the smoke unit.**
3. Close the port securely.



Figure 3: Smoke effect from the tank's exhaust.

## 4. OPERATING INSTRUCTIONS

---

### 4.1 Power On/Off

1. Turn on the tank's power switch (usually located on the underside or rear).
2. Turn on the remote control's power switch. The remote and tank should automatically pair.

### 4.2 Driving Controls

Use the joysticks on the remote control to maneuver the tank:

- **Forward/Backward:** Push both joysticks forward/backward.
- **Turning:** Push one joystick forward and the other backward to turn in place, or push one joystick more than the other to turn while moving.

### 4.3 Turret and Barrel Control

- **Turret Rotation:** The turret can rotate 360 degrees. Use the designated controls on the remote (refer to remote diagram in separate manual) to rotate the turret left or right.
- **Barrel Elevation:** The main barrel can be controlled to move up and down by almost 30 degrees. Use the designated controls on the remote.



Figure 4: Tank turret rotation capability.



Figure 5: Tank barrel elevation.

### 4.4 BB Shooting

The tank can shoot 6mm BB pellets with a range of up to 20 meters. It features hull-recoil action and firing sound effects.

- Ensure BB pellets are loaded (refer to Section 3.2).
- Aim the tank's barrel using the turret and elevation controls.
- Press the designated firing button on the remote control to shoot.

### 4.5 Infrared Combat System

The tank is equipped with an infrared combating system, allowing multiple similar tanks to engage in combat without radio interference (2.4Ghz radio control system).

- Refer to the remote control's specific instructions for activating and utilizing the infrared combat features.

### 4.6 Official Product Video

Your browser does not support the video tag.

Video 1: Demonstration of the Heng Long RC T34-85 Tank 3909 Model in action, showcasing its features and movement.

## 5. MAINTENANCE

---

### 5.1 General Cleaning

After each use, especially if operated outdoors, gently clean the tank to remove dirt, dust, and debris. Use a soft, dry cloth. Avoid using water or harsh chemicals, which can damage electronic components.

### 5.2 Track and Wheel Inspection

Regularly inspect the metal tracks, sprocket wheels, idler wheels, and full metal road wheels for any obstructions or damage. Clear any debris that may hinder smooth operation.



Figure 6: Detailed view of the tank's metal tracks and wheels.

### 5.3 Smoke Unit Care

To maintain the smoke function, ensure only one drop of smoke liquid is added at a time. Overfilling can lead to damage. If the smoke output decreases, ensure the unit is clean and has sufficient liquid.

## 6. TROUBLESHOOTING

---

- **Tank Not Responding:**

- Check if both the tank and remote control are powered on.
- Ensure batteries in both the tank and remote are fully charged or replaced.
- Verify that the remote control and tank are properly paired.

- **BB Pellets Not Firing:**

- Confirm that BB pellets are loaded correctly and the hatch is closed.
- Check for any obstructions in the barrel.

- **Smoke Unit Not Producing Smoke:**

- Ensure smoke liquid has been added (one drop only).
- Verify the smoke unit is not damaged from overfilling.

- **Interference During Operation:**

- The 2.4Ghz radio system is designed to minimize interference. If issues persist, try operating in a different location away from other electronic devices.

## 7. SPECIFICATIONS

---

Feature	Specification
Product Dimensions	22.8 x 12 x 9.6 inches
Item Weight	12.1 pounds
Item Model Number	TH17770-AMZUS2-1
Manufacturer Recommended Age	21 years and up
Turret Rotation	360 degrees limitless
Barrel Elevation	Approximately 30 degrees
BB Shooting Range	20 meters
Radio System	2.4Ghz

## 8. WARRANTY AND SUPPORT

---

For maintenance services and technical guidance, Wheelfun RC Hobby provides a professional after-sales team and a technical maintenance team. Technicians can offer guidance in English through video or text for repairs.

If the item is damaged out of the box, a free replacement part can be resent. Please contact Wheelfun RC Hobby customer support for assistance.

For further inquiries or support, please visit the [Wheelfun Store on Amazon](#).