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> wheelfun Heng Long 1/16 Scale RC German Panzer III L Tank Model 3848 Instruction Manual

## wheelfun 3848 Plastic Edition

# Instruction Manual

## WHEELFUN HENG LONG 1/16 SCALE RC GERMAN PANZER III L TANK MODEL 3848

Model: 3848 Plastic Edition

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### 1. Product Overview

The wheelfun Heng Long 1/16 Scale RC German Panzer III L Tank Model 3848 is a ready-to-run (RTR) remote-controlled tank featuring a 2.4Ghz radio control system for interference-free multi-player combat. It includes an infrared combating system, BB pellet shooting with hull-recoil action, and a realistic smoke unit. The tank is equipped with a 7.0 mainboard, LED lights, and pivot steering, offering an immersive and interactive experience.



Image 1.1: Front view of the RC German Panzer III L Tank.

## 2. What's in the Box

Please ensure all items are present before proceeding with setup:

- RC Tank (German Panzer III L Model 3848)
- Radio Controller (2.4Ghz)
- BB Pellets (6mm)
- Infrared Combating Transmitter
- Infrared Combating Receiver
- Idle Smoking Generator
- Smoke Liquid
- 1800mAh Tank Battery
- USB Universal Charger
- Accessory Kits
- English Manual Book

### 3. Setup Guide

Follow these steps to prepare your RC tank for operation:

1. **Charge the Tank Battery:** Connect the 1800mAh tank battery to the USB universal charger. Plug the charger into a suitable USB power source. The indicator light on the charger will show the charging status. Ensure the battery is fully charged before first use.
2. **Install Tank Battery:** Locate the battery compartment on the tank (refer to the included English Manual Book for exact location). Carefully insert the fully charged battery and secure the compartment cover.
3. **Install Remote Control Batteries:** Insert the required batteries (not specified in product data, typically AA or AAA) into the radio controller.
4. **Load BB Pellets:** Open the BB pellet loading hatch on the tank's turret. Carefully pour the 6mm BB pellets into the designated compartment. Close the hatch securely.
5. **Add Smoke Liquid:** Locate the smoke unit reservoir (refer to the included English Manual Book). Using the provided smoke liquid, add **only one drop** at a time into the reservoir. Overfilling can damage the unit.
6. **Attach Infrared Components:** Connect the Infrared Combating Transmitter and Receiver to their respective ports on the tank, as detailed in the English Manual Book.



Image 3.1: Rear angled view of the tank, highlighting the back details.

### 4. Operating Instructions

Familiarize yourself with the radio controller and tank functions:

- **Power On:** Turn on the tank's power switch, then turn on the radio controller. The tank and controller should automatically pair.
- **Movement:** Use the joysticks on the radio controller to control forward, backward, left, and right movement. The tank features pivot steering for realistic maneuvers.
- **Turret Control:** Use the designated controls on the remote to rotate the turret up to 340 degrees.
- **Barrel Control:** Use separate controls to move the barrel up and down by approximately 30 degrees.
- **BB Pellet Shooting:** Press the firing button on the controller to shoot 6mm BB pellets. The tank will exhibit a hull-recoil action and firing sound effect. Ensure no obstacles are within the 20m shooting range and always aim safely.
- **Infrared Combat:** Activate the infrared combat system. The tank can engage in battles with other compatible tanks. Hits are registered via the infrared receiver.
- **Smoke Unit:** Activate the idle smoking generator. As the tank moves faster, the smoke output will gradually increase, simulating engine exhaust. Remember to add smoke liquid as needed (one drop at a time).
- **Sound and Lights:** The 7.0 mainboard provides 2 sound options and emulational LED tank lights for enhanced realism.

Your browser does not support the video tag. This video demonstrates the features and operation of the Henglong RC Tank 1/16 7.0 Plastic German Panzer Iii L 3848, including movement, turret rotation, and smoke effects.

Video 4.1: Demonstration of the Henglong RC Tank 1/16 7.0 Plastic German Panzer Iii L 3848 in action.

## 5. Maintenance

- **Smoke Unit:** Regularly check the smoke liquid level. Add one drop of smoke liquid as needed to maintain smoke effects. Do not overfill.
- **Cleaning:** After use, gently clean the tank's exterior with a soft, dry cloth to remove dust and debris. Avoid using water or harsh chemicals.
- **Storage:** When not in use, store the tank and remote control in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries from the remote control if storing for extended periods.
- **Battery Care:** Always fully charge the tank battery before storage and periodically recharge it if stored for long durations to maintain battery health.



Image 5.1: Close-up of the tank's tracks and metal roadwheel suspension, important for maintenance checks.

## 6. Product Specifications

Feature	Detail
Brand Name	wheelfun
Model Name	TH17339
Scale	1:16 Scale
Material Type	Plastic
Power Source	Battery Powered
Battery Type	Lithium-Ion or Lithium-Ion Polymer (1800mAh included)
Radio Control System	2.4Ghz

Turret Rotation	Approx. 340 degrees
Barrel Movement	Approx. 30 degrees (up and down)
BB Pellet Size	6mm
Shooting Range	20m
Special Features	Infrared Combat, Smoke Unit, LED Lights, Pivot Steering, Metal Roadwheel Suspension
Item Dimensions	23.2 x 12.4 x 11.2 inches
Item Weight	7.7 Pounds

## 7. Support & Warranty

This product comes with a **1 Year Warranty Against Manufacturer Defects**. For any issues, technical assistance, or inquiries about merchandise, please contact the wheelfun RC Hobby team. Our professional after-sales and technical maintenance teams can provide guidance through video or text for repairs.

For further assistance, please refer to the contact information provided with your purchase or visit the official wheelfun store on Amazon: [wheelfun Store](#).