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› wheelfun Heng Long RC Tank 1/16 7.0 German Panzer IV F Model 3858 Instruction Manual

## wheelfun 3858

# wheelfun Heng Long RC Tank 1/16 7.0 German Panzer IV F Model 3858 Instruction Manual

Model: 3858 | Brand: wheelfun

## 1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective operation of your Heng Long RC Tank 1/16 7.0 Upgraded German Panzer IV F Model 3858. This hobby-grade remote-controlled tank features realistic functions and detailed construction.

### Key Features:

- Infrared combating system for multi-player tank battles.
- 2.4Ghz radio control system for interference-free operation.
- Shoots 6mm BB pellets with hull-recoil action and firing sound effects (range up to 20m).
- Turret rotates approximately 340 degrees.
- Barrel moves up and down approximately 30 degrees.
- Equipped with steel driving gearbox.
- 7.0 mainboard offers two sound options.
- Emulational LED tank lights.
- Idle smoking function from the "engine" (requires smoke liquid).

## 2. WHAT'S IN THE BOX

- Tank Model
- Remote Control
- BB Pellets
- Infrared Combat Transmitter
- Infrared Combat Receiver
- Idle Smoking Generator
- Smoke Liquid (availability may vary by shipping regulations)
- Tank Battery (1800mAh)

- USB Universal Charger
- Accessory Kits
- English Manual Book

## 3. SETUP GUIDE

### 3.1 Battery Installation

1. Locate the battery compartment on the tank's chassis.
2. Carefully open the compartment cover.
3. Connect the 1800mAh tank battery to the tank's power connector.
4. Place the battery securely inside the compartment and close the cover.
5. Ensure the remote control has fresh batteries installed.

### 3.2 Smoke Liquid Refill

1. Identify the smoke generator unit on the tank.
2. Carefully open the cap of the smoke liquid reservoir.
3. Add **only one drop** of smoke liquid into the tank. Overfilling can cause damage.
4. Close the cap securely.

### 3.3 BB Pellets Loading

1. Locate the BB pellet loading hatch on the tank's turret.
2. Open the hatch and carefully pour the provided 6mm BB pellets into the magazine.
3. Close the hatch securely.

### 3.4 Remote Control Pairing

1. Turn on the tank's power switch.
2. Turn on the remote control.
3. The remote control and tank should automatically pair. Refer to the remote control's specific instructions if pairing issues occur.

## 4. OPERATING YOUR RC TANK

### 4.1 Basic Controls

- **Movement:** Use the left joystick on the remote control to move the tank forward, backward, and pivot steer.
- **Turret Rotation:** Use the right joystick or designated buttons to rotate the turret approximately 340 degrees.
- **Barrel Movement:** Use designated buttons to move the barrel up and down approximately 30 degrees.

### 4.2 Firing BB Pellets

- Ensure BB pellets are loaded and the safety switch (if present) is off.
- Press the designated firing button on the remote control to shoot 6mm BB pellets.
- The tank will exhibit hull-recoil action and firing sound effects.

### 4.3 Infrared Combat System

- The tank is equipped with an infrared combat transmitter and receiver.

- Engage in multi-player tank battles with other compatible RC tanks.
- Refer to the specific combat system instructions for detailed gameplay rules.

#### 4.4 Smoking Function

- After adding smoke liquid (one drop only), the tank will produce idle smoke.
- Smoke production increases as the tank moves faster, simulating engine exhaust.

### 5. MAINTENANCE AND CARE

- **Cleaning:** Regularly clean the tank's exterior with a soft, dry cloth. Avoid water or harsh chemicals.
- **Track Care:** Inspect tracks for debris or damage after each use. Ensure tracks move freely.
- **Storage:** Store the tank in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods.
- **Smoke Unit:** Do not overfill the smoke liquid reservoir. Clean the smoke unit periodically as per the detailed manual.

### 6. TROUBLESHOOTING COMMON ISSUES

Problem	Possible Cause	Solution
Tank does not respond to remote control.	Low battery in tank or remote; not paired; interference.	Charge/replace batteries; re-pair remote and tank; move to an area with less interference.
BB pellets do not fire.	No pellets loaded; safety switch engaged; jam in firing mechanism.	Load BB pellets; disengage safety switch; clear any obstructions in the barrel.
No smoke from the unit.	No smoke liquid; smoke unit clogged; low power.	Add one drop of smoke liquid; clean smoke unit; ensure tank battery is charged.
Tracks are stuck or moving unevenly.	Debris in tracks; damaged track links; motor issue.	Remove debris; inspect and replace damaged track links; contact support if motor issue.

### 7. TECHNICAL SPECIFICATIONS

Specification	Detail
Product Dimensions	22.8 x 11.6 x 10 inches
Item Weight	9.9 pounds
Model Number	TH17382-AMZUS2-S (Model 3858)
Manufacturer	wheelfun
Recommended Age	21 years and up

### 8. IMPORTANT SAFETY INFORMATION

- This product is hobby-grade and not a toy. It is intended for users capable of maintenance and

operation.

- Recommended for individuals aged 21 and above due to complexity and potential for small parts/BB pellets.
- Always operate in a safe environment, away from people, pets, and fragile objects.
- Do not aim the BB gun at eyes or face. Always wear protective eyewear when operating the firing function.
- Keep smoke liquid out of reach of children and pets. Avoid contact with skin and eyes.
- Ensure proper ventilation when using the smoking function.
- Do not modify the tank or remote control, as this may void the warranty and create safety hazards.
- Always turn off the tank and remote control when not in use.

## 9. PRODUCT VISUALS

### 9.1 Product Images



Overall view of the Heng Long RC Tank 1/16 German Panzer IV F, including the remote control and product packaging.



Side profile of the tank, showcasing its detailed tracks and road wheels.



Front view of the tank, highlighting the main gun and front armor details.



Rear view of the tank, showing the exhaust system and rear details.



Detailed view of the metal tracks and drive sprocket, emphasizing the robust construction.



Close-up of the tank's turret, displaying the model number '3858' and other markings.



Top-down view of the tank's turret and upper hull, showing hatches and additional details.

## 9.2 Official Product Videos

Video demonstrating the Henglong RC Tank 1/16 7.0 Upgraded German Panzer IV F2 (model 3859), showcasing its movement, firing, and smoking functions in a simulated environment. This model is very similar to the 3858.

Video showcasing the Henglong RC Tank 1/16 7.0 Upgraded German Panzer III H (model 3849), demonstrating various operational features including movement, turret rotation, and sound effects. This video provides a general overview of similar tank functionalities.