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› [Heng Long](#) /

› Heng Long 3818-1 German Tiger I Pro Version RC Tank Instruction Manual

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Heng Long 3818-1 German Tiger I Pro Version RC Tank Instruction Manual

Model: 3818-1

1. INTRODUCTION

Thank you for purchasing the Heng Long 3818-1 German Tiger I Pro Version RC Tank. This remote-controlled tank is designed for enthusiasts aged 14 and above. It features realistic functions including firing 6mm BBs, smoke generation, and authentic sound effects. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting. Please read it thoroughly before use and retain it for future reference.

Important Safety Notice: This product contains small parts and projectiles. Not suitable for children under 14 years of age. Always operate in a safe environment, away from people and animals. Never aim the cannon at eyes or faces.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Heng Long German Tiger I Pro Version RC Tank
- 1 x 2.4 GHz 3-Channel Remote Control
- 1 x 7.4V 1800 mAh Rechargeable Battery
- 1 x Battery Charger
- 1 x Pack of 6mm BB Ammunition
- 1 x Bottle of Smoke Oil
- 1 x Set of Accessories (small parts, decals, tank commander figure)
- 1 x Target
- 1 x Instruction Manual (German/English)



Image: The Heng Long German Tiger I RC Tank displayed with its complete set of accessories, including the remote control, rechargeable battery, charger, 6mm BB ammunition, smoke oil, and a tank commander figure.

3. SETUP

3.1 Battery Charging

1. Connect the 7.4V 1800 mAh rechargeable battery to the provided charger.
2. Plug the charger into a standard wall outlet.
3. Allow the battery to charge fully. The indicator light on the charger will change (refer to charger instructions for specific light indications).
4. Once charged, disconnect the battery from the charger. Do not overcharge.

3.2 Tank Battery Installation

1. Locate the battery compartment on the tank (usually on the underside or under a removable hatch).
2. Open the compartment and connect the fully charged 7.4V battery to the tank's power connector.
3. Carefully place the battery inside the compartment and secure the cover.

3.3 Remote Control Battery Installation

The remote control typically requires AA batteries (not included). Refer to the remote control's specific instructions for battery type and installation.

1. Open the battery compartment on the back of the remote control.
2. Insert the required batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover.

3.4 Loading BB Ammunition

The tank uses 6mm BBs for its firing function.

1. Locate the BB loading port on the tank's turret (often a small hatch or opening).
2. Carefully pour the 6mm BBs into the loading port until the magazine is full. Do not overfill.
3. Close the loading port securely.

3.5 Adding Smoke Oil

The tank's smoke function requires special smoke oil.

1. Locate the smoke oil reservoir on the tank (refer to the tank diagram in the included manual).
2. Carefully add a few drops of the provided smoke oil into the reservoir. Do not overfill.
3. Ensure the cap is securely replaced after filling.



Image: The Heng Long German Tiger I RC Tank positioned next to its 2.4 GHz remote control and the battery charger, illustrating the main components for setup.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Pairing

1. Turn on the power switch on the tank (usually located near the battery compartment).
2. Turn on the power switch on the remote control.
3. The tank and remote control should automatically pair. If not, refer to the specific pairing instructions in the included manual.

4.2 Basic Movement

Use the joysticks on the 2.4 GHz remote control for movement:

- **Forward/Backward:** Push both joysticks forward or backward.
- **Turn Left/Right:** Push one joystick forward and the other backward, or push both joysticks in the desired turning direction.
- **Pivot Turn:** Push one joystick forward and the other backward to turn the tank on its own axis.

4.3 Turret and Cannon Control

The tank's turret can rotate up to 320 degrees, and the cannon can elevate up to 30 degrees.

- **Turret Rotation:** Use the designated controls on the remote (typically a joystick or buttons) to rotate the turret left or right.
- **Cannon Elevation:** Use the designated controls to raise or lower the cannon barrel.

4.4 Firing Function

The tank can fire 6mm BBs. A warning light will activate during firing.

- Ensure the BB loading port is closed and the magazine is loaded.
- Press the designated firing button on the remote control.
- The tank will emit a firing sound, and a BB will be launched.
- **Safety Warning:** Never aim at people or animals. Always wear protective eyewear when operating.

4.5 Smoke and Sound Functions

The tank features realistic smoke and sound effects.

- **Smoke Function:** Activate the smoke generator using the designated button on the remote control. Ensure smoke oil has been added.
- **Sound Function:** The tank will produce engine sounds, firing sounds, and other realistic audio effects. These are typically activated automatically or via a dedicated button.

4.6 Demonstration Mode

The remote control may include a demonstration button that allows the tank to perform a pre-programmed sequence of movements and actions.



Image: A side profile of the Heng Long German Tiger I RC Tank, highlighting its metal tracks and the long main cannon, ready for operation.

5. MAINTENANCE

5.1 Cleaning

- After each use, gently wipe down the tank's exterior with a soft, dry cloth to remove dust and debris.
- Avoid using water or chemical cleaners, as they can damage electronic components.
- Periodically check the tracks and gears for any trapped dirt or small objects and remove them carefully.

5.2 Battery Care and Storage

- Always disconnect the battery from the tank when not in use.
- For long-term storage, charge the battery to approximately 50% capacity.
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- Remove batteries from the remote control if it will not be used for an extended period.

5.3 General Care

- Avoid operating the tank in wet or excessively dusty conditions.
- Do not expose the tank to extreme impacts or drops.
- Keep the tank and remote control away from strong magnetic fields.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tank does not respond to remote control.	Low tank battery; Low remote control batteries; Tank and remote not paired; Power switches off.	Charge tank battery; Replace remote control batteries; Re-pair tank and remote; Ensure both power switches are ON.
Cannon does not fire BBs.	No BBs loaded; BBs jammed; Firing mechanism malfunction.	Load BBs; Clear any visible jams (ensure power is off); Contact support if mechanism is faulty.
Smoke function not working.	No smoke oil; Insufficient smoke oil; Smoke generator malfunction.	Add smoke oil; Ensure enough oil is present; Contact support if generator is faulty.
Tank moves slowly or erratically.	Low tank battery; Obstruction in tracks/gears.	Charge tank battery; Inspect and clear tracks/gears.

7. SPECIFICATIONS

- **Model Number:** 3818-1
- **Brand:** Heng Long
- **Vehicle Type:** RC Tank (German Tiger I Pro Version)
- **Material:** Metal (tracks and gears), Plastic
- **Remote Control:** 2.4 GHz, 3-channel
- **Tank Battery:** 7.4V 1800 mAh (rechargeable)
- **Battery Life:** Approximately 30 minutes (per charge)
- **Remote Control Range:** Up to 100 meters (manufacturer stated)
- **Cannon Firing Range:** Max. 25 meters
- **Ammunition:** 6mm BBs
- **Turret Rotation:** Up to 320 degrees
- **Cannon Elevation:** Up to 30 degrees
- **Dimensions (L x W x H):** 52 cm x 24 cm x 20 cm (approximate)
- **Motors:** 5 (3 for turret, 2 for track drive)
- **Recommended Age:** 14 years and up



Image: A detailed front view of the Heng Long German Tiger I RC Tank, emphasizing its robust design and the front of the main cannon.

8. SAFETY GUIDELINES

- **Age Restriction:** This product is intended for users 14 years of age and older.
- **Projectile Warning:** The tank fires 6mm BBs. Never aim at people, animals, or fragile objects. Always wear protective eyewear during operation.
- **Battery Safety:** Use only the specified battery and charger. Do not attempt to charge non-rechargeable batteries. Do not short-circuit, disassemble, or expose batteries to fire or extreme heat.
- **Operating Environment:** Operate the tank in open, clear areas. Avoid public spaces, roads, and areas with obstacles or water.
- **Supervision:** Adult supervision is recommended, especially for younger users within the recommended age range.
- **Choking Hazard:** Small parts and BBs can be a choking hazard. Keep away from small children.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact the seller or manufacturer directly. Retain your proof of purchase for any warranty claims.