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› Wheelfun Heng Long 1/16 King Tiger RC Tank 3888A User Manual

wheelfun TH17529-AMZUS2-S

Wheelfun Heng Long 1/16 King Tiger RC Tank 3888A User Manual

Model: TH17529-AMZUS2-S

1. INTRODUCTION

Thank you for choosing the Wheelfun Heng Long 1/16 King Tiger RC Tank 3888A. This remote-controlled tank is a highly detailed replica featuring advanced functionalities such as an infrared combat system, BB pellet shooting, realistic sound effects, and a smoking unit. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure an optimal experience.



Image 1.1: Side view of the Wheelfun Heng Long 1/16 King Tiger RC Tank, showcasing its camouflage paint scheme and metal tracks.

2. SAFETY INFORMATION

Please read and understand all safety warnings before operating the RC tank. Failure to do so may result in injury or damage to the product.

- **Age Restriction:** This product is not suitable for children under 14 years of age. Adult supervision is recommended for all users.
- **BB Pellets:** The tank shoots 6mm BB pellets. Never aim at people or animals. Always wear protective eyewear when operating the tank, especially during shooting functions.
- **Smoking Unit:** The smoking unit requires ethylene glycol liquid. Use only ONE drop at a time to prevent damage to the unit. Keep liquid out of reach of children and pets.
- **Battery Safety:** Use only the specified Lithium-Ion battery (7.4V 1800mAh) for the tank and 1.5V x 6 batteries for the remote control. Do not overcharge or short-circuit batteries. Dispose of batteries responsibly.
- **Operating Environment:** Operate the tank in open areas, away from obstacles, water, and electrical hazards. Avoid operating in crowded spaces to prevent accidents.
- **Moving Parts:** Keep fingers, hair, and loose clothing away from moving tracks and turret mechanisms.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Heng Long 1/16 King Tiger RC Tank Body (1)
- 2.4G Remote Control (1)
- USB Charger Wire (1)
- Tank Battery: 7.4V 1800mAh Lithium-Ion (1)
- Decoration Parts Bag (1)
- Operation Manual (1)
- 6mm BB Pellets (initial supply)

Note: Remote control batteries (1.5V x 6) and smoking liquid (ethylene glycol) are NOT provided and must be purchased separately.

4. SETUP

4.1. Charging the Tank Battery

1. Connect the provided USB charger wire to the 7.4V 1800mAh Lithium-Ion tank battery.
2. Plug the USB charger into a compatible USB power source (e.g., computer, USB wall adapter).
3. The indicator light on the charger will show the charging status. Refer to the charger's specific instructions for light indications.
4. Once fully charged, disconnect the battery from the charger.

4.2. Installing Batteries in the Remote Control

1. Locate the battery compartment on the back of the 2.4G remote control.
2. Open the battery compartment cover.
3. Insert 6 x 1.5V AA batteries (not included), ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

4.3. Installing the Tank Battery

1. Locate the battery compartment on the underside or rear of the tank.
2. Carefully connect the charged 7.4V 1800mAh Lithium-Ion battery to the tank's power connector.
3. Place the battery inside the compartment and close the cover.

4.4. Loading BB Pellets

1. Locate the BB loading hatch on the tank's turret.
2. Open the hatch.
3. Carefully pour 6mm BB pellets into the designated compartment. Do not overfill.
4. Close the hatch securely.



Image 4.1: Close-up of the tank's turret, indicating the location for BB pellet loading (under the commander's hatch, not explicitly shown open in this image but implied by the context).

4.5. Adding Smoking Liquid (Optional)

The tank features an idle smoking function for added realism. This requires ethylene glycol liquid (not included).

1. Locate the smoking unit's reservoir on the tank (usually near the exhaust pipes).
2. Carefully add **ONLY ONE DROP** of ethylene glycol liquid into the reservoir.
3. **WARNING:** Adding more than one drop can damage the smoking unit.



Image 4.2: Rear view of the tank, highlighting the exhaust pipes where the smoking unit is located.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the remote control functions before operating the tank.

5.1. Power On/Off and Pairing

1. Turn on the tank's power switch (usually located on the underside or rear).
2. Turn on the remote control's power switch.
3. The tank and remote should automatically pair. An indicator light on the tank or remote may confirm successful pairing.

5.2. Driving Controls

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

- **Forward/Backward:** Push both joysticks forward/backward.
- **Turning:**
 - **Left Turn:** Push the right joystick forward, or pull the left joystick backward.
 - **Right Turn:** Push the left joystick forward, or pull the right joystick backward.
- **Pivot Turn:** Push one joystick forward and the other backward to turn in place.

5.3. Turret and Barrel Control

- **Turret Rotation:** Use the designated buttons or joystick on the remote to rotate the turret 360 degrees.
- **Barrel Elevation:** Use the designated buttons to move the barrel up or down by approximately 30 degrees.

5.4. BB Shooting Function

- Ensure BB pellets are loaded and safety precautions are observed.

- Press the designated shooting button on the remote control to fire 6mm BB pellets.
- The tank will exhibit a hull-recoil action and firing sound effect.
- The shooting range is approximately 20 meters.

5.5. Infrared Combat System

The infrared combating system allows multiple tanks to engage in simulated battles.

- Activate the infrared combat mode via the remote control (refer to remote specific buttons).
- Aim the tank's infrared emitter at an opponent's receiver to score hits.
- The tank will react to hits with specific sounds or movements.

5.6. Sound and Smoke Effects

- **Sound Effects:** The 7.0 mainboard provides two selectable sound choices for realistic engine and firing sounds.
- **Smoke Effect:** If smoking liquid has been added, the tank will produce idle smoke. When the tank moves faster, the smoke output gradually increases.

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Video 5.1: Official product video demonstrating the Wheelfun Heng Long 1/16 King Tiger RC Tank's features, including movement, turret rotation, firing, and smoke effects. This video is provided by Wheelfun RC Hobby.

6. MAINTENANCE

6.1. Cleaning

- After each use, gently wipe 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.

6.2. Track and Wheel Inspection

- Regularly inspect the metal tracks, sprocket wheels, idler wheels, and road wheels for any debris, damage, or wear.
- Remove any foreign objects that may be caught in the tracks to ensure smooth operation.



Image 6.1: Front-side view of the tank, illustrating the metal tracks and road wheels that require periodic inspection.

6.3. Smoking Unit Care

- Always ensure only one drop of ethylene glycol liquid is used at a time.

- If the smoking unit stops producing smoke, check the liquid level and add one drop if necessary. Do not overfill.

6.4. Battery Storage

- When not in use for extended periods, remove batteries from both the tank and the remote control.
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tank does not power on.	Tank battery is not charged or connected. Remote control batteries are dead or incorrectly installed.	Charge tank battery. Check remote control batteries for charge and correct polarity. Ensure tank battery is securely connected.
Tank does not respond to remote control.	Not paired correctly. Out of range. Interference.	Turn both tank and remote off, then on again to re-pair. Ensure tank is within 60-80 meter range. Move to an area with less signal interference.
BB pellets do not fire.	No BB pellets loaded. Jammed firing mechanism.	Check BB pellet supply and reload if necessary. Ensure the firing mechanism is clear of obstructions.
Smoking unit not producing smoke.	No smoking liquid or too little liquid. Unit malfunction.	Add one drop of ethylene glycol liquid. Do not overfill. If problem persists, contact support.
Tracks are not moving smoothly.	Debris in tracks. Damaged track links or wheels.	Inspect and clean tracks. Check for any broken or misaligned components.

8. SPECIFICATIONS

Feature	Detail
Brand	wheelfun
Model Name	Heng Long 1/16 King Tiger 3888A
Model Number	TH17529-AMZUS2-S
Scale	1:16 Scale
Material Type	Metal (tracks, sprocket wheels, idler wheels, road wheels, gearboxes, steel gears)
Power Source	Battery Powered
Tank Battery	1 x 7.4V 1800mAh Lithium-Ion (included)
Remote Control Batteries	6 x 1.5V AA (not included)
Radio Control System	2.4Ghz Multi Frequency
Remote Range	60-80 Meters
Turret Rotation	360 degrees limitless rotation
Barrel Elevation	Up and down almost 30 degrees
Shooting Function	Shoots 6mm BB pellets, 20m range, hull-recoil action
Special Features	Infrared combating system, realistic sound effects (2 choices), LED lights, idle smoking unit
Product Dimensions	27.6 x 12.8 x 11.2 inches (65 x 23.5 x 23 cm)
Item Weight	16.5 Pounds
Assembly Required	Yes
Recommended Age	Adult (Manufacturer Minimum Age: 256 months / 14 years)

9. WARRANTY AND SUPPORT

Wheelfun is committed to providing quality products and customer satisfaction.

- **Damaged Upon Arrival:** If your item arrives damaged, we can resend a free replacement part. Please contact our customer service immediately.
- **Technical Support:** We have a professional after-sales team and a technical maintenance team. Technicians can provide guidance in English through video or text for repairs and troubleshooting.
- **Contact Information:** For any inquiries, support, or warranty claims, please refer to the contact information provided with your purchase or visit the official Wheelfun store on Amazon.