wheelfun TH17304-AMZUS2

Heng Long 1/16 Scale M26 Pershing RC Tank 3838 Instruction Manual

Model: TH17304-AMZUS2

1. Introduction

This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your Heng Long 1/16 Scale M26 Pershing RC Tank (Model: TH17304-AMZUS2). This remote-controlled tank features metal tracks, a smoke generator, 340° rotating turret, lifting barrel, light, sound effects, and an infrared combat system. Please read this manual thoroughly before use to ensure proper function and longevity of your product.

2. Safety Information

- **Adult Supervision:** This product is recommended for users aged 22 years and up. Adult supervision is advised for all operations.
- **Battery Safety:** Use only recommended batteries. Do not mix old and new batteries, or different types of batteries. Ensure correct polarity. Remove batteries when not in use for extended periods. Do not attempt to recharge non-rechargeable batteries.
- **BB Pellets:** This tank fires 6mm BB pellets. Always wear protective eyewear when operating the tank, especially during firing. Do not aim at people or animals. Ensure the firing area is clear of obstacles and vulnerable objects.
- **Smoke Generator:** The smoke generator uses a special liquid. Add only one drop at a time to prevent damage. Do not ingest the smoke liquid. Keep out of reach of children.
- **Operating Environment:** Operate the tank in open areas, away from obstacles, water, and electrical hazards. Avoid operating in extreme temperatures or wet conditions.
- **Moving Parts:** Keep fingers, hair, and loose clothing away from moving parts such as tracks and gears to prevent injury.

3. Package Contents

Verify that all items listed below are present in your package:

- Heng Long 1/16 Scale M26 Pershing RC Tank (Metal Upgraded Edition)
- 2.4GHz Remote Controller
- Rechargeable Battery Pack for Tank
- USB Charging Cable
- BB Pellets (6mm)
- Smoke Oil (Note: May not be included in all regions due to shipping restrictions)
- Accessory Kit (e.g., commander figure, machine gun, decorative parts)
- Instruction Manual (This document)

Image 3.1: Contents of the Heng Long M26 Pershing RC Tank package, including the tank, remote control, and packaging box.

4. Setup

4.1. Charging and Installing Tank Battery

1. Connect the tank's rechargeable battery pack to the USB charging cable.
2. Plug the USB charging cable into a suitable USB power source (e.g., computer USB port, USB wall

adapter).

3. Allow the battery to charge fully. The indicator light on the charger will change (refer to charger instructions for specific light behavior).
4. Once charged, open the battery compartment on the tank (usually located on the underside or rear).
5. Carefully connect the charged battery pack to the tank's power connector and secure it within the compartment.

4.2. Installing Remote Controller Batteries

1. Open the battery cover on the back of the 2.4GHz remote controller.
2. Insert the required number of AA batteries (not included) according to the polarity markings.
3. Close the battery cover securely.

4.3. Filling Smoke Oil (Optional)

If your model includes a smoke generator and smoke oil:

1. Locate the smoke oil reservoir cap on the tank (refer to tank diagram if available).
2. Carefully add **one drop** of smoke oil into the reservoir. Do not overfill.
3. Replace the cap securely.

Image 4.3.1: Rear view of the M26 Pershing RC Tank, indicating the location for smoke oil refill and smoke emission.

4.4. Loading BB Pellets (Optional)

If you intend to use the airsoft firing function:

1. Locate the BB pellet loading port on the tank's turret (often near the commander's hatch).
2. Carefully pour 6mm BB pellets into the loading port. Do not overfill.
3. Close the loading port cover securely.
4. **Always ensure protective eyewear is worn when loading or firing BB pellets.**

Image 4.4.1: Detail of the tank's turret, showing the commander's hatch and mounted machine gun, near where BB pellets are typically loaded.

5. Operating Instructions

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 controller's power switch.
3. The tank and remote should automatically pair. An indicator light on the remote or tank may confirm successful pairing.

5.2. Driving Controls

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

- **Forward/Backward:** Push both joysticks forward or backward.
- **Turning:** Push one joystick forward and the other backward for pivot steering, or push both joysticks in the same direction but with different intensity for gradual turns.

Image 5.2.1: Side profile of the M26 Pershing RC Tank, highlighting its metal tracks and suspension system during movement.

5.3. Turret and Barrel Controls

- **Turret Rotation:** Use the designated buttons or joystick on the remote to rotate the turret up to 340 degrees.
- **Barrel Elevation:** Use the designated buttons to raise or lower the main gun barrel.

Image 5.3.1: Front angled view of the M26 Pershing RC Tank, showcasing the main gun barrel and turret.

5.4. Firing BB Pellets

- Ensure BB pellets are loaded and protective eyewear is worn.

- Press the designated firing button on the remote controller. The tank will emit a firing sound effect and recoil.
- The effective shooting range is approximately 20 meters.

5.5. Smoke Generator Activation

- If smoke oil has been added, activate the smoke generator using the designated button on the remote.
- The smoke output will increase as the tank moves.

5.6. Sound and Light Effects

- The tank features emulational LED lights and realistic mechanical sound effects for each action.
- The 7.0 mainboard provides two sound options. Refer to the remote controller diagram for switching sound modes.

5.7. Infrared Combat System

- The infrared combat system allows multiple similar tanks to engage in simulated battles without radio interference.
- Refer to the infrared combat system instructions (if provided separately) for detailed gameplay rules.

Your browser does not support the video tag.

Video 5.7.1: Demonstration of the Heng Long M26 Pershing RC Tank's features, including movement, turret rotation, firing, and smoke generation.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the tank after each use. Avoid water or harsh chemicals.
- **Track Inspection:** Regularly inspect the metal tracks for any debris or damage. Clean as necessary.
- **Battery Care:** Always fully charge the battery before storage. If storing for extended periods, charge the battery every 3 months to maintain its health.
- **Smoke Generator:** If the smoke generator output decreases, ensure there is sufficient smoke oil. Do not run the smoke generator dry for extended periods.

7. Troubleshooting

Problem	Possible Cause	Solution
Tank does not respond to remote.	Low battery in tank or remote; not paired; power switch off.	Charge tank battery, replace remote batteries, ensure both are powered on and paired.
Smoke generator not producing smoke.	No smoke oil; smoke oil reservoir empty; generator malfunction.	Add one drop of smoke oil. If issue persists, contact support.
BB pellets not firing.	No BB pellets loaded; jam in firing mechanism.	Load BB pellets. If jammed, ensure the barrel is clear (with power off and safety engaged).
Tracks are slipping or stuck.	Debris in tracks; track tension incorrect; motor issue.	Inspect and clean tracks. Adjust track tension if possible (refer to detailed diagrams if provided).

8. Specifications

- **Product Dimensions:** 23 x 12.2 x 11.4 inches
- **Item Weight:** 11.22 pounds
- **Model Number:** TH17304-AMZUS2
- **Scale:** 1/16
- **Turret Rotation:** Approximately 340 degrees
- **BB Pellet Size:** 6mm
- **Recommended Age:** 22 years and up
- **Features:** Metal tracks, smoke generator, infrared combat system, lifting barrel, light, sound effects, 2.4GHz radio control.

9. Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the seller directly. Keep your proof of purchase for warranty claims.
Manufacturer: wheelfun