Heng Long 3898-1

Heng Long 1/16 U.S. M4A3 Sherman RC Tank Instruction Manual

Model: 3898-1

1. Introduction and Key Features

This manual provides essential information for the setup, operation, and maintenance of your Heng Long 1/16 U.S. M4A3 Sherman RC Tank. Please read thoroughly before use to ensure safe and optimal performance.

Key Features:

- Upgraded Metal Chassis, Sprocket, Idle, and Road Wheels for enhanced durability.
- Steel Gear Gearbox for improved wear resistance and extended service life.
- Modified Metal Tracks and 7000mAh High-capacity Battery (non-factory standard configurations).
- 360° Rotating Turret with metal gearbox-driven steel turntable and electric slip ring technology for seamless rotation.
- Double-speaker Sound Box, handmade and installed, providing realistic engine and cannon sounds (non-factory standard configuration).
- 2.4GHz Remote Control System supporting coordinated combat with multiple vehicles.
- Shooting function with 6mm BB bullets, simulating recoil vibration.

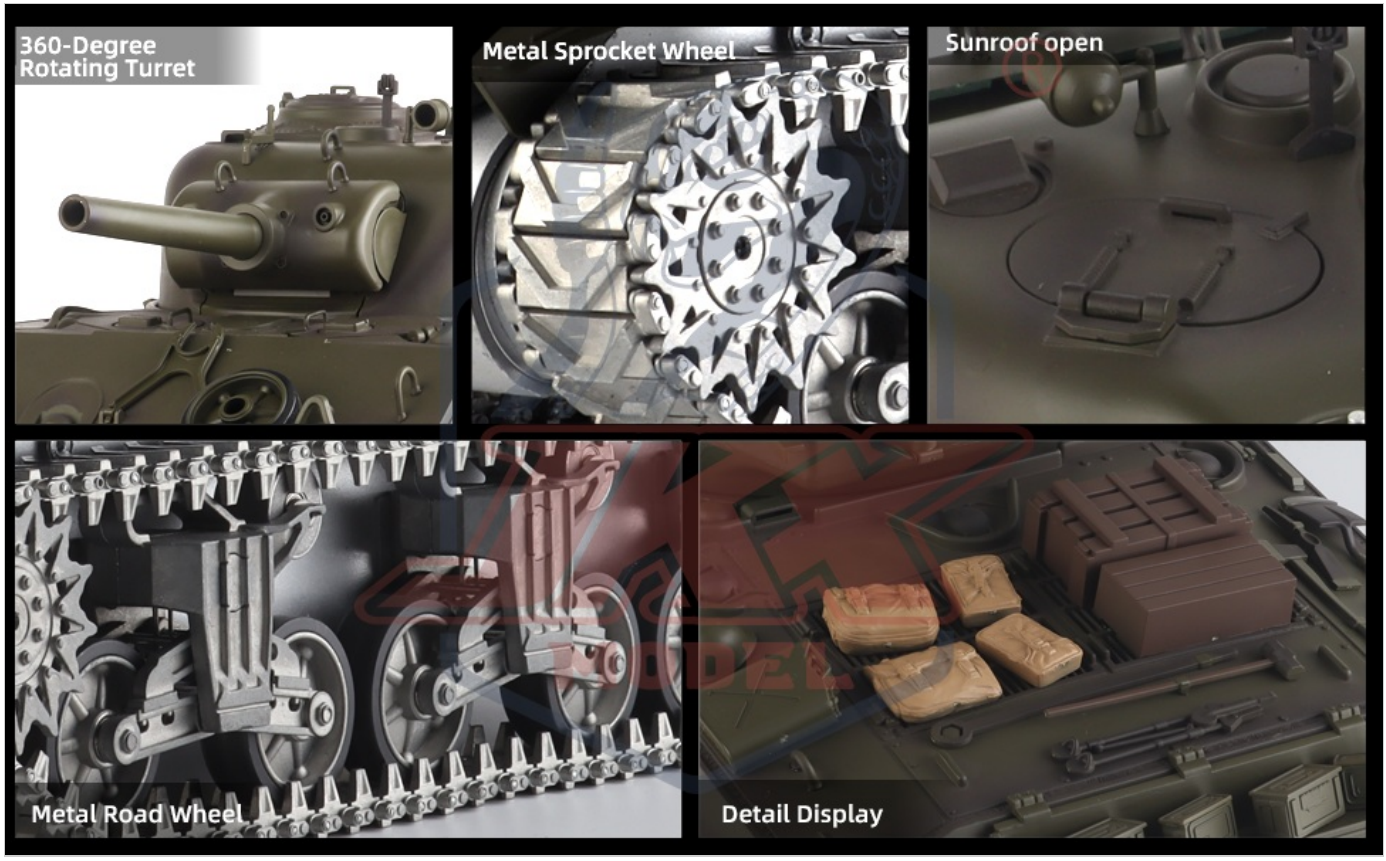


Image 1.1: Overview of the tank's key features and functionalities.

2. Safety Information

This product is suitable for individuals aged 14 and above. Adult supervision is recommended for younger users within the recommended age range.
Always refer to the latest version of the 2.4GHz radio control system manual for accurate instructions, as older versions may contain incorrect information.
Exercise caution when handling the tank, especially during operation of the firing mechanism. Keep fingers and other body parts clear of moving tracks and turret.

3. What's in the Box

Upon opening the package, please verify that all components are present:

- Heng Long 1/16 U.S. M4A3 Sherman RC Tank
- Remote Control
- 7000mAh High-capacity Battery
- Metal Tracks (pre-installed)
- 6 AA batteries (for remote control)
- USB Charging Cable
- 6mm BB bullets
- Accessory parts (e.g., commander figure, machine gun, decals)
- Instruction Manual

4. Setup

4.1 Battery Installation and Charging

1. Locate the battery compartment on the tank.
2. Carefully connect the 7000mAh high-capacity battery to the tank's power connector.
3. Secure the battery within its compartment.
4. For charging, connect the USB charging cable to the tank's charging port and a suitable USB power source. The charging indicator will show the charging status.
5. Install 6 AA batteries into the remote control, ensuring correct polarity.

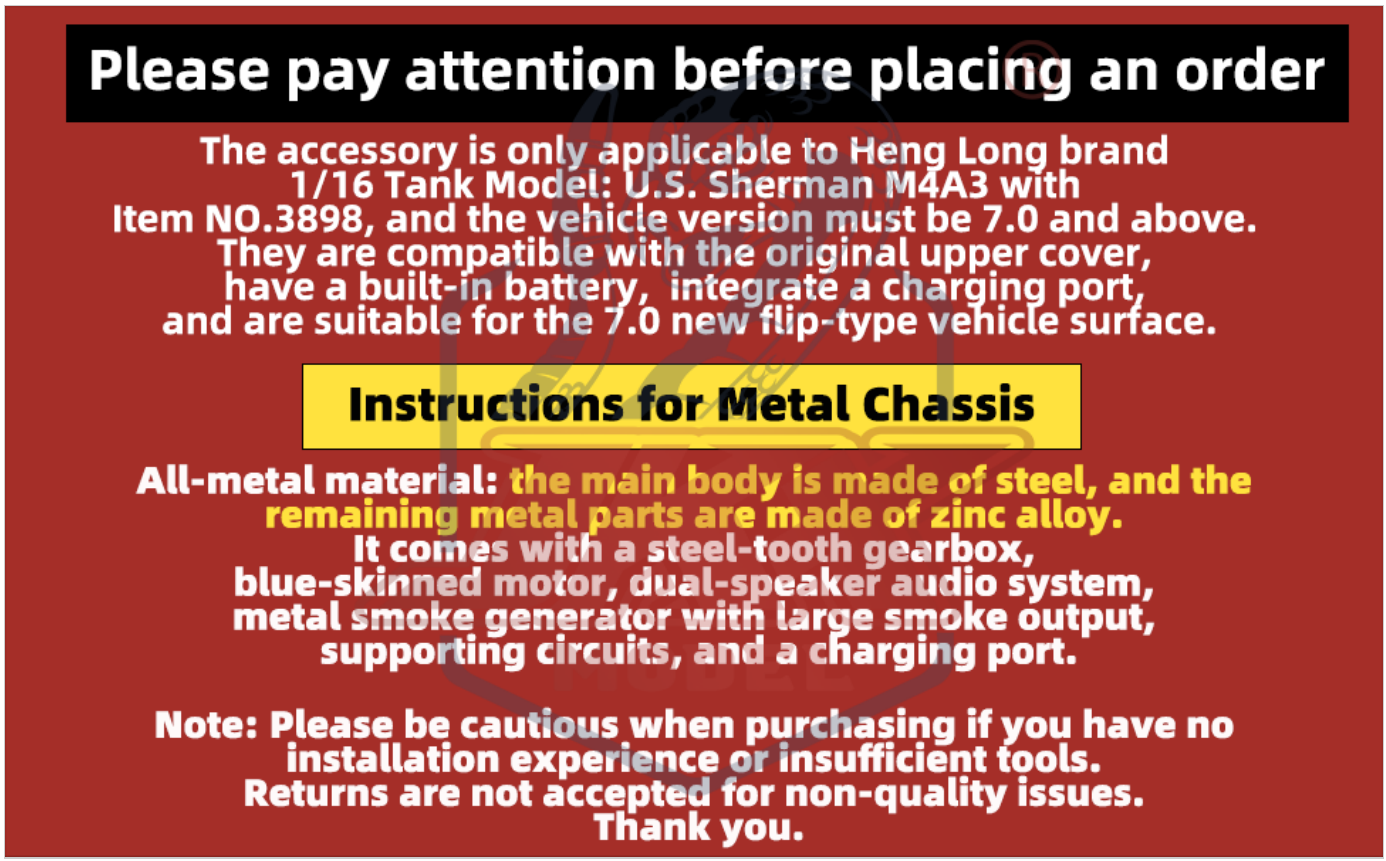


Image 4.1: Internal components, including battery installation position, dual-speaker audio system, metal smoker, steel-tooth gearbox, blue-skinned motor, power switch, and charging port.

4.2 Initial Checks

- Ensure the tank's power switch is in the OFF position before connecting the battery.
- Verify that the remote control batteries are correctly installed.
- Inspect the metal tracks for any obstructions or damage.

5. Operating Instructions

5.1 Power On/Off

1. Turn on the remote control first.
2. Then, turn on the power switch on the tank. The tank and remote will automatically pair.
3. To power off, turn off the tank first, then the remote control.

5.2 Driving the Tank

The 2.4GHz remote control allows for omnidirectional movement. Use the joysticks to control forward, backward, left, and right movements. The tank also features high-low speed modes for varied terrain.

5.3 Turret Control

The tank features a 360° rotating turret. Use the designated controls on the remote to rotate the turret left or right. The main gun barrel can be elevated approximately 15-20 degrees using the remote.

5.4 Firing Mechanism

The tank can fire 6mm BB bullets. When firing, the tank simulates barrel expansion and contraction, along with vehicle recoil for a realistic experience. The machine gun light flashes synchronously with machine gun fire.

5.5 Lights and Smoke Function

The front and rear lights of the tank can be turned on or off automatically. The metal smoker generates realistic smoke output, enhancing the immersive experience.

6. Maintenance

- Regularly inspect the metal tracks and road wheels for debris or damage. Clean as necessary.
- Ensure the battery is fully charged before each use and stored in a cool, dry place when not in use.
- Keep the tank and remote control clean and free from dust and moisture.
- Avoid operating the tank in wet or excessively dusty conditions to prevent damage to electronic components.

7. Troubleshooting

- **Tank not responding:** Ensure both the tank and remote control are powered on and batteries are charged. Re-pair the remote if necessary (refer to the 2.4GHz radio control system manual).
- **Weak movement/functions:** Recharge the tank battery. Replace remote control batteries if needed.
- **Tracks not moving smoothly:** Check for debris caught in the tracks or road wheels. Ensure tracks are properly aligned.
- **Firing mechanism issues:** Ensure BB bullets are loaded correctly and the firing safety is disengaged.

8. Specifications

Feature	Detail
Product Dimensions	14.57 x 6.49 x 7.09 inches
Item Weight	25.4 pounds
Model Number	3898-1
Manufacturer Recommended Age	12 years and up
Batteries	6 AA batteries required (included for remote)
Manufacturer	HENGLONG PLASTIC TOYS CO., LTD.



Image 8.1: Diagram illustrating the dimensions of the M4A3 Sherman RC Tank.

9. Important Notes on Metal Chassis

The metal chassis and associated components are specifically designed for Heng Long 1/16 Tank Model: U.S. Sherman M4A3 with Item NO.3898, and the vehicle version must be 7.0 and above. These parts are compatible with the original upper cover, include a built-in battery, integrate a charging port, and are suitable for the 7.0 new flip-type vehicle surface.

Note: Please be cautious when purchasing if you have no installation experience or insufficient tools. Returns are not accepted for non-quality issues.



Image 9.1: Important compatibility information for the metal chassis.

10. Product Videos

10.1 Heng Long M4A3 Sherman RC Tank (Green, Short Gun) Demonstration

Video 10.1: Demonstration of the Heng Long 1/16 U.S. M4A3 Sherman RC Tank (Green, Short Gun) in action, showcasing movement, turret rotation, and firing effects.

10.2 Heng Long M4A3 Sherman RC Tank (Green, Long Gun) Operational Demo

Video 10.2: Operational demonstration of the Heng Long 1/16 U.S. M4A3 Sherman RC Tank (Green, Long Gun) variant, highlighting its features and capabilities.

10.3 Heng Long M4A3 Sherman Medium Tank Overview

Video 10.3: An overview video demonstrating the general functions and robust build of the Heng Long 1/16 US M4A3 Sherman Medium Tank.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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