

Unknown M1A2 Abrams

Heng Long 1:24 Scale M1A2 Abrams RC Airsoft Battle Tank Instruction Manual

Model: M1A2 Abrams

INTRODUCTION

Thank you for purchasing the Heng Long 1:24 Scale M1A2 Abrams RC Airsoft Battle Tank. This radio-controlled model is designed for enthusiasts aged 14 and up, offering realistic movement and airsoft firing capabilities. Please read this manual thoroughly before operating the tank to ensure safe and optimal performance.



Heng Long M1A2 Abrams RC Tank in yellow and black camouflage. This image displays the tank's overall design and color scheme.

SAFETY INFORMATION

- **Age Recommendation:** This product is recommended for users 14 years and older. Adult supervision is advised for younger users.
- **Airsoft Safety:** The tank fires plastic BBs. Never aim at people or animals. Always wear protective eyewear when operating or observing the tank in action.
- **Battery Safety:** Use only the specified batteries. Do not mix old and new batteries, or different types of batteries. Do not attempt to recharge non-rechargeable batteries.

- **Operating Environment:** Operate the tank in open areas, away from obstacles, people, and pets. Avoid operating near water or in wet conditions to prevent damage to electronic components.
- **Choking Hazard:** Small parts and airsoft BBs can be a choking hazard. Keep away from small children.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x Heng Long 1:24 Scale M1A2 Abrams RC Airsoft Battle Tank
- 1x Multi-channel Remote Controller
- 1x Rechargeable Battery Pack for Tank
- 1x Battery Charger
- 1x Bag of Airsoft BBs
- 1x Tank Commander Figure (removable)
- 1x Instruction Manual (this document)

SETUP

1. Battery Installation and Charging

1. **Tank Battery:** Locate the battery compartment on the underside of the tank. Open the cover, connect the rechargeable battery pack, and place it securely inside. Close the compartment.
2. **Charging:** Connect the tank's battery pack to the provided charger. Plug the charger into a suitable power outlet. The indicator light on the charger will show the charging status (refer to charger instructions for specific light indications). Charge fully before first use.
3. **Remote Control Batteries:** Open the battery compartment on the back of the remote controller. Insert the required number of AA batteries (not included), ensuring correct polarity. Close the compartment.

2. Loading Airsoft BBs

The airsoft BBs are loaded through a hatch on the turret. This hatch also covers the cannon actuator switch.

1. Locate the main hatch on the top of the turret.
2. Carefully open this hatch. Inside, you will find the cannon actuator switch and a small slot at the bottom of the hatch wall.
3. Pour the airsoft BBs into this slot. Ensure BBs roll into the ammo bay. Do not overfill.
4. Close the hatch securely.



Heng Long M1A2 Abrams RC Tank in desert camouflage with its remote control unit. This image shows the tank alongside its remote control.

3. Remote Control Pairing

The multi-channel remote controller is designed to program with the tank. Typically, the tank and remote are pre-paired. If pairing is required, follow these general steps:

1. Ensure both the tank and remote control have fresh or fully charged batteries.
2. Turn on the tank's power switch.
3. Turn on the remote control's power switch.
4. The remote and tank should automatically connect. If not, refer to the specific pairing instructions on the remote control or a separate quick start guide if provided.

OPERATING THE TANK

1. Basic Movement

The remote controller allows for 7 ways of movement:

- **Forward:** Push both control sticks forward.
- **Backward:** Pull both control sticks backward.
- **Turn Left:** Push the right stick forward, or pull the left stick backward.
- **Turn Right:** Push the left stick forward, or pull the right stick backward.
- **Spin Left (Pivot Turn):** Push the right stick forward and pull the left stick backward simultaneously.
- **Spin Right (Pivot Turn):** Push the left stick forward and pull the right stick backward simultaneously.
- **Super Spin:** Some models may have a dedicated button or combination for faster spinning. Refer to your remote's specific button layout.

2. Airsoft Gun Operation

The tank features a powerful motor airsoft gun with a hop-up system for improved accuracy.

1. Ensure BBs are loaded (refer to Setup section).
2. Activate the cannon firing circuit using the slide switch located near the loading hatch on the turret.
3. Aim the tank using the remote control.

4. Press the designated firing button on the remote control to shoot. There may be a slight delay (2-3 seconds) before firing.



Heng Long M1A2 Abrams RC Tank firing an airsoft BB, demonstrating its firing mechanism. This image captures the tank in action.

3. Turret and Barrel Control

- **Turret Rotation:** Use the designated controls on the remote to rotate the turret left or right. The turret can rotate almost 360 degrees.
- **Barrel Elevation:** Use the designated controls to raise or lower the main gun barrel.

4. Driving on Terrain

The tank is capable of driving on various terrains. While it can handle rough surfaces, operating on excessively uneven ground may cause tracks to come off. For optimal performance and longevity, operate on relatively flat or moderately uneven surfaces.

Demonstration Video: 1/16 Heng Long M1A2 Abrams RC Tank

This video demonstrates the 1/16 scale Heng Long M1A2 Abrams RC Tank in action, showcasing its movement and features. Note: The product covered by this manual is a 1/24 scale model.

Demonstration Video: 1/16 RC Tanks US M1A2 Abrams Army Tank

Observe the capabilities of a 1/16 scale M1A2 Abrams RC Tank navigating various terrains. Note: The product covered by this manual is a 1/24 scale model.

Demonstration Video: 1/16 M1A2 RC Tank

A brief demonstration of a 1/16 scale M1A2 RC tank's movement and maneuverability. Note: The product covered by this manual is a 1/24 scale model.

MAINTENANCE

- **Cleaning:** After use, especially on dusty or dirty terrain, gently wipe down the tank with a dry or slightly damp cloth. Avoid using harsh chemicals.
- **Track Maintenance:** Regularly inspect the tracks for debris or damage. If tracks frequently come off, ensure they are properly aligned and free from obstructions. Avoid operating on surfaces that could excessively strain the tracks.
- **Battery Care:** Always disconnect the battery from the tank when not in use. Store batteries in a cool, dry

place. Do not leave batteries charging unattended for extended periods.

- **Storage:** Store the tank and remote control in a dry, cool environment, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

- **Tank Not Responding:**
 - Check if both the tank and remote control are powered on.
 - Ensure batteries in both units are fully charged or replaced.
 - Verify proper pairing between the tank and remote.
- **Airsoft Gun Not Firing:**
 - Confirm BBs are loaded correctly and the ammo bay is not empty.
 - Check if the cannon actuator switch on the turret is activated.
 - Allow for a slight delay (2-3 seconds) after pressing the fire button.
- **Tracks Coming Off:**
 - This can occur on rough terrain. Reattach the tracks carefully.
 - Inspect for any debris caught in the track mechanism.
 - Consider operating on smoother surfaces to reduce frequency.
- **Limited Range/Interference:**
 - The remote operates on 27.145 MHz, which may have a limited range (approx. 10-20 feet).
 - Avoid operating near other radio-controlled devices or sources of electronic interference.

SPECIFICATIONS

| | |
|--------------------------|---|
| Model Name | M1A2 Abrams RC Airsoft Battle Tank |
| Scale | 1:24 |
| Manufacturer | Heng Long (HL) |
| Model Numbers | T54851, 54851, 3816, HL-3816, HL3816 |
| Functions | Forward, Backward, Left, Right, Spin, Super Spin, Turret Rotation, Barrel Elevation, Airsoft Firing (Hop-up system) |
| Remote Control Frequency | 27.145 MHz |
| Recommended Age | 14 years and up |
| Package Dimensions | 18.4 x 9.9 x 7 inches |
| Item Weight | 0.01 ounces (Note: This weight may refer to packaging or a component, actual product weight will be higher) |

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase. Specific warranty terms and conditions may vary by region and retailer.

Related Documents - M1A2 Abrams

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|  | <p>Engine Compartment Fluid Checks and Components</p> <p>A guide to identifying and checking essential fluids and components within the engine compartment of a vehicle, including brake fluid, oil filter, washer fluid, coolant expansion tank, engine oil dipstick, and power steering fluid reservoir.</p> |
|  | <p>Assembly Instructions for 3-Seat Sofa, Single Chair, Ottoman, and Table</p> <p>Comprehensive assembly instructions for various furniture items including a 3-seat sofa, single chair, ottoman, and table. Includes parts lists, step-by-step visual guides, and usage notes for a solar panel light.</p> |
|  | <p>Men's Pink Long-Sleeve Dress Shirt</p> <p>A detailed description of a men's pink long-sleeve dress shirt, suitable for formal or business casual wear. Features include a classic collar, button-down front, and adjustable cuffs.</p> |
|  | <p>Youth Classic Long Sleeve Tee 3063 - Product Information</p> <p>Details on the Youth Classic Long Sleeve Tee (Model 3063), including fabric weight, material composition, fit, and available colors. This tee is designed for comfort and durability.</p> |
|  | <p>Elegant Women's Silk Blouse</p> <p>A detailed description of an elegant women's silk blouse, suitable for professional or casual wear. Features a classic collar, long sleeves, and a refined design.</p> |
|  | <p>Comprehensive Tool Set for Various Applications</p> <p>A detailed list of tools included in a comprehensive tool set, featuring sockets, wrenches, pliers, screwdrivers, bits, and other essential hardware. This set is suitable for a wide range of mechanical and repair tasks.</p> |