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› World Tech Toys 3.5CH Gyro Hercules RC Helicopter User Manual

World Tech Toys 35850

World Tech Toys 3.5CH Gyro Hercules RC Helicopter User Manual

Model: 35850

1. INTRODUCTION

Thank you for purchasing the World Tech Toys 3.5CH Gyro Hercules Remote Control Helicopter. This helicopter is designed for ease of flight and durability, featuring a super strong polymer frame and a built-in gyroscope for enhanced stability. Please read this manual thoroughly before operating your helicopter to ensure safe and optimal performance.



Image 1.1: The World Tech Toys 3.5CH Gyro Hercules RC Helicopter.

2. SAFETY INFORMATION

- **Small Parts Warning:** This product contains small parts and is not suitable for children under 3 years of age due to choking hazards.
- Always operate the helicopter in an open area, away from people, animals, and obstacles.
- Do not fly near power lines, trees, or water.
- Adult supervision is recommended for all users, especially children.
- Never touch the rotating blades during operation.
- Ensure the helicopter battery is fully charged before each flight.
- Do not attempt to modify or disassemble the helicopter or its components.
- Store the helicopter and remote control in a cool, dry place when not in use.

3. PACKAGE CONTENTS

Please check the box to ensure all items are present:

- Hercules Helicopter
- Remote Control Transmitter
- Spare Blades (Main and Tail)
- Rechargeable Lithium Polymer Battery (for helicopter)
- Wall Charger



Image 3.1: Packaging of the World Tech Toys 3.5CH Gyro Hercules RC Helicopter, showing included components.

4. SETUP

4.1. Charging the Helicopter Battery

1. Connect the rechargeable lithium polymer battery to the included wall charger.
2. Plug the wall charger into a standard electrical outlet.
3. Allow approximately 1.5 to 2 hours for a full charge. The charger's indicator light will typically change or turn off when charging is complete.
4. A full charge provides approximately 8 minutes of flight time.

4.2. Installing Remote Control Batteries

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

4.3. Initial Pairing

1. Ensure both the helicopter and remote control are turned off.
2. Place the helicopter on a flat, level surface.
3. Turn on the helicopter's power switch. The LED lights on the helicopter will flash.
4. Turn on the remote control's power switch.
5. Move the throttle stick (left stick) all the way up, then all the way down. The helicopter's LED lights will stop flashing and remain solid, indicating successful pairing.

5. OPERATING INSTRUCTIONS

The World Tech Toys Gyro Hercules features a 3.5-channel control system, allowing for precise movements. The built-in gyroscope provides excellent stability, making it easier to fly.

5.1. Remote Control Functions

- **Left Stick (Throttle):** Controls altitude (up/down) and rotation (left/right).
- **Right Stick (Directional):** Controls forward/backward movement and side-to-side (strafe) movement.
- **Trim Buttons:** Used to fine-tune the helicopter's stability if it drifts in a particular direction. Adjust in small increments until stable.
- **Speed Button:** Adjusts flight speed (if applicable).
- **Light Button:** Toggles the helicopter's LED lights on/off.

5.2. Flight Tips

- Begin flying in a large, open indoor space until you are comfortable with the controls.
- For outdoor flight, choose a day with little to no wind.
- Practice gentle throttle control to achieve a stable hover before attempting directional movements.
- If the helicopter drifts, use the trim buttons to correct its flight path.
- Always keep the helicopter within your line of sight.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the helicopter and remote control. Do not use water or chemical cleaners.
- **Blade Replacement:** If blades become damaged, replace them with the included spare blades. Ensure they are installed correctly.
- **Battery Care:** Always disconnect the helicopter battery after use. Do not overcharge or completely drain the battery. Remove batteries from the remote control if storing for extended periods.
- **Storage:** Store the helicopter and remote control in a safe, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Helicopter does not respond to remote control:

Ensure both the helicopter and remote control are powered on. Check if batteries in both devices are fully charged and correctly installed. Re-attempt the pairing process (Section 4.3).

Helicopter does not lift off or has weak lift:

Ensure the helicopter battery is fully charged. Check for any obstructions around the main rotors. Inspect main and tail blades for damage and replace if necessary. Verify that the propeller clips are securely in place.

Helicopter spins uncontrollably or drifts:

Adjust the trim buttons on the remote control in small increments to stabilize flight. Check for any damage to the main or tail rotors, or the gyroscope system. Ensure the helicopter was placed on a flat surface during initial power-on.

Helicopter battery not charging:

Ensure the wall charger is properly connected to both the battery and a working power outlet. Check the charger's indicator light. If the issue persists, the battery or charger may need replacement.

LED lights not working:

Press the light button on the remote control. If still not working, check for loose connections or damage to the LED wiring.

8. SPECIFICATIONS

Brand Name	World Tech Toys
Model Name	3.5CH Gyro Hercules Unbreakable Remote Control Helicopter
Model Number	35850
Power Source	Electric
Helicopter Battery	1 Rechargeable Lithium Polymer Battery (included)
Remote Control Batteries	6 AA Batteries (not included)
Item Weight	2 pounds
Item Dimensions (L x W x H)	25.5 x 4 x 9.75 inches
Material Type	Metal, Plastic
Operation Mode	Remote Control
Minimum Age	8 years (96 months)

9. WARRANTY AND SUPPORT

9.1. Warranty Information

This product is sold without a manufacturer's warranty. Please refer to the retailer's return policy for any issues upon receipt.

9.2. Customer Support

For any questions or concerns regarding your World Tech Toys 3.5CH Gyro Hercules RC Helicopter, please contact the retailer from whom you purchased the product. They will be able to assist you with product inquiries or troubleshooting.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question

Open the live page

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