

Toy Box Ty909T

Toy Box Ty909T 2-Channel Infrared Remote Control Helicopter User Manual

Model: Ty909T | Brand: Toy Box

1. INTRODUCTION

The Toy Box Ty909T is a 2-channel infrared remote control helicopter designed for stable and agile flight, making it an excellent choice for beginners. This helicopter features a fine-tuning function for precise control and a wide-range infrared system for enhanced stability during operation. Equipped with a cool LED light frame, it offers visibility for night flights. Its compact and lightweight design contributes to its agility and speed. For safety, the helicopter incorporates double-layer protection and low voltage operation.



Image: The Toy Box Ty909T helicopter and remote control displayed within its retail packaging.

2. SAFETY INFORMATION

Please read and understand all safety warnings before operating the helicopter. Failure to follow these instructions may result in injury or damage to the product.

- **Age Recommendation:** This product is suitable for users aged 14 years and above.
- **Indoor Use Only:** This helicopter is designed for indoor flight. Avoid flying outdoors where wind or other environmental factors can cause loss of control.
- **Clear Area:** Ensure a clear, open space free from obstacles, people, and pets before flying.
- **Battery Safety:**

- Do not mix old and new batteries, or different types of batteries.
 - Insert batteries with correct polarity.
 - Do not recharge non-rechargeable batteries.
 - Remove exhausted batteries promptly.
 - Supervise children during battery installation and charging.
- **Avoid Contact:** Keep hands, face, and hair away from rotating blades.
 - **Water and Moisture:** Do not expose the helicopter or remote control to water or moisture.
 - **Supervision:** Adult supervision is recommended for younger users.

3. PACKAGE CONTENTS

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

- Ty909T Remote Control Helicopter
- Infrared Remote Controller
- USB Charging Cable
- AC Wall Adapter (Charger)
- User Manual (this document)



Image: The Ty909T helicopter, its remote control, USB charging cable, and AC wall adapter.

4. SETUP

4.1 Charging the Helicopter Battery

1. Ensure the helicopter's power switch is in the "OFF" position.
2. Connect the small end of the USB charging cable to the helicopter's charging port.
3. Connect the large end of the USB charging cable to the AC wall adapter.
4. Plug the AC wall adapter into a standard electrical outlet.
5. The indicator light on the charger will illuminate (color may vary) to show charging is in progress.
6. Charging typically takes approximately 45-60 minutes. Do not overcharge.
7. Once charging is complete, the indicator light may change color or turn off. Disconnect the charger.

Note: Always allow the helicopter battery to cool down for 10-15 minutes after flight before recharging.

4.2 Installing Remote Controller Batteries

1. Locate the battery compartment on the back of the remote controller.
2. Open the battery compartment cover.
3. Insert the required number of AA batteries (not included) according to the polarity markings (+/-) inside the compartment.
4. Close the battery compartment cover securely.



Image: A detailed view of the Ty909T helicopter and its remote control, showing the design and components.

4.3 Pairing the Helicopter and Remote

1. Place the helicopter on a flat, level surface.
2. Turn on the helicopter's power switch. The helicopter's LED lights will flash.
3. Turn on the remote controller. The remote's indicator light will flash.
4. Move the throttle stick (left stick) all the way up, then all the way down.
5. The remote and helicopter lights will become solid, indicating successful pairing.
6. If pairing fails, turn off both devices and repeat the steps.

5. OPERATING INSTRUCTIONS

5.1 Basic Controls

- **Throttle Stick (Left Stick):**

- Push up to increase altitude (ascend).
- Pull down to decrease altitude (descend).
- **Directional Stick (Right Stick):**
 - Push up to move forward.
 - Pull down to move backward.
 - Push left to turn left.
 - Push right to turn right.
- **Trimmer Buttons:** Small buttons near the directional stick are used to fine-tune the helicopter's stability if it drifts without input.

5.2 First Flight Tips

- Start with gentle throttle inputs to get a feel for lift-off.
- Practice hovering at a low altitude before attempting complex maneuvers.
- If the helicopter drifts, use the trimmer buttons to adjust its stability. For example, if it drifts left, press the right trimmer button repeatedly until it hovers steadily.
- Always maintain line of sight with the helicopter.
- When landing, slowly reduce the throttle until the helicopter gently touches down.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the helicopter and remote control. Do not use water or cleaning solvents.
- **Storage:** When not in use, store the helicopter and remote in a cool, dry place, away from direct sunlight and extreme temperatures. Remove batteries from the remote if storing for extended periods.
- **Battery Care:**
 - Do not leave the helicopter connected to the charger unattended for prolonged periods.
 - If the helicopter will not be used for a long time, discharge the battery to about 50% for optimal storage.
- **Blade Inspection:** Regularly check the rotor blades for any damage or cracks. Replace damaged blades immediately to ensure safe flight.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Helicopter does not respond to remote.	Not paired correctly. Low battery in helicopter or remote. Power switches off.	Re-pair helicopter and remote (see Section 4.3). Charge helicopter battery; replace remote batteries. Ensure both power switches are ON.
Helicopter drifts during flight.	Trimmer settings incorrect. Air currents.	Use trimmer buttons to adjust stability. Ensure flight area is free from drafts.

Problem	Possible Cause	Solution
Helicopter does not lift off.	Low helicopter battery. Damaged rotor blades.	Charge helicopter battery fully. Inspect and replace damaged blades.

8. SPECIFICATIONS

Brand	Toy Box
Model Number	Ty909T (S11761)
Color	Red
Helicopter Dimensions (LxWxH)	Approximately 25 x 10 x 10 cm
Item Package Dimensions (LxWxH)	30 x 20 x 10 cm
Control Type	Infrared Remote Control
Channels	2-Channel
Target Age Group	14 years and above
Part Number	500745 B7
ASIN	B0DSJK3VL3

9. WARRANTY AND SUPPORT

Specific warranty information for the Toy Box Ty909T helicopter is not provided in the product details. Please refer to your retailer's return policy or contact the manufacturer directly for warranty claims and technical support.

For further assistance, you may visit the [Toy Box brand page on Amazon](#).