TOLLCY TR10

TOLLCY TR10 RC Racing Boats User Manual

Model: TR10

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation and maintenance of your TOLLCY TR10 RC Racing Boats. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage.

Image: The TOLLCY TR10 RC Racing Boat set, including two boats, two remote controls, and two batteries.

The TOLLCY TR10 RC Racing Boats are designed for recreational use in pools, lakes, and rivers. They feature a 2.4 GHz control system allowing multiple boats to operate simultaneously without interference. Each boat is capable of speeds up to 15 KM/H and is constructed from high impact-resistant ABS material with a full-sealed, waterproof design.

2. WHAT'S INCLUDED

The TOLLCY TR10 RC Racing Boat package includes the following items:

- 2 x TOLLCY TR10 RC Racing Boats (one light blue, one red)
- 2 x 2.4 GHz Remote Controls
- 2 x Rechargeable Lithium Polymer Batteries (800mAh)
- 2 x USB Charging Cables

- 1 x User Manual (this document)

Image: Components and features overview, including boat dimensions, USB charging, and remote control layout.

3. SETUP INSTRUCTIONS

3.1. Battery Charging

1. Connect the rechargeable Lithium Polymer battery to the provided USB charging cable.

2. Plug the USB charging cable into a standard USB power adapter (not included) or a computer USB port.

3. The charging indicator light on the USB cable will illuminate during charging and turn off or change color when fully charged.

4. Charging typically takes approximately 90 minutes for a full charge. A fully charged battery provides up to 28 minutes of play time.

Caution: Always supervise battery charging. Do not leave charging batteries unattended. Disconnect the charger once charging is complete.

3.2. Battery Installation (Boat)

1. Locate the battery compartment on the top of the RC boat.

2. Carefully open the waterproof cover and then the battery compartment lid.

3. Connect the fully charged battery to the boat's power connector.

4. Place the battery inside the compartment and ensure all wires are tucked in to avoid pinching.

5. Securely close the battery compartment lid and then the waterproof outer cover to prevent water ingress. Ensure a tight seal.

3.3. Remote Control Battery Installation

1. Open the battery cover on the back of the remote control.

2. Insert 2 x AA batteries (not included) into the compartment, observing the correct polarity (+/-).

3. Close the battery cover securely.

3.4. Pairing the Boat and Remote Control

The boats operate on a 2.4 GHz frequency, allowing multiple boats to be used simultaneously. To pair:

1. Ensure the boat's battery is installed and the waterproof cover is sealed.

2. Place the boat in water. The boat's propeller will only activate when submerged to prevent accidental operation and ensure safety.

3. Turn on the remote control. The indicator light on the remote will flash.

4. The remote control will automatically pair with the nearest boat in the water. Once paired, the indicator light on the remote will become solid.

5. If using multiple boats, pair them one by one to ensure each remote controls its intended boat.

2.4Ghz Easy Control
enable multiple boats sailing at the same time

Image: Demonstrates the ease of controlling multiple boats simultaneously with 2.4GHz technology.

4. OPERATING THE RC BOATS

4.1. Basic Controls

- **Forward/Backward:** Use the throttle trigger on the remote control to move the boat forward or backward.
- **Turn Left/Right:** Use the steering wheel on the remote control to turn the boat left or right.

Image: A user operating the RC boat with the remote control.

4.2. Low Power and Out of Range Alerts

The remote control is equipped with alert functions to enhance user experience and prevent loss of the boat:

- **Low Power Alert:** When the boat's battery is running low, the remote control will emit a beeping sound, indicating it's time to bring the boat back to shore for recharging.
- **Out of Range Alert:** If the boat travels beyond the maximum control distance of approximately 164 feet (50 meters), the remote control will also beep, prompting you to steer the boat back within range.

Image: Visual representation of the low power and out of range alert system.

4.3. Self-Righting Feature

The TOLLCY TR10 boats are designed with a self-righting feature. If the boat capsizes, simply use the remote control to briefly reverse and then accelerate forward. This action should cause the boat to flip back upright, allowing you to continue operation.

Image: Illustration of the boat's self-righting capability.

4.4. Recommended Operating Environments

These RC boats are suitable for use in various calm water environments:

- **Pools:** Ideal for backyard fun.
- **Lakes:** Operate in calm areas, away from strong currents or large waves.
- **Rivers:** Use in slow-moving sections, avoiding strong currents or heavy boat traffic.

Warning: Do not operate in saltwater, as it can corrode internal components. Avoid areas with dense aquatic vegetation or debris that could entangle the propeller.

Image: Recommended operating environments for the RC boats.

5. MAINTENANCE AND CARE

Proper maintenance will extend the lifespan of your RC boats:

- **After Each Use:**
  - Remove the boat from the water.

- Open the waterproof cover and battery compartment.
- Disconnect and remove the battery.
- Wipe down the interior and exterior of the boat with a soft, dry cloth to remove any water or debris.
- Ensure all compartments are completely dry before closing them or storing the boat.

- **Battery Storage:** Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures. Do not store fully charged or completely depleted batteries for extended periods.
- **Propeller Inspection:** Regularly check the propeller for any debris (e.g., weeds, fishing line) that may have become entangled. Carefully remove any obstructions to ensure optimal performance.
- **Remote Control:** Keep the remote control dry and clean. Remove batteries if storing for a long period to prevent leakage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not move.	- Boat not in water. - Battery not charged or incorrectly installed. - Remote control not paired or batteries low. - Propeller obstructed.	- Place boat in water (propeller activates only when submerged). - Charge boat battery; ensure it's connected correctly. - Pair remote control; replace remote batteries. - Check and clear propeller of debris.
Boat moves slowly or erratically.	- Low boat battery. - Propeller partially obstructed. - Operating out of range.	- Recharge boat battery. - Check and clear propeller. - Bring boat closer to the remote control.
Remote control beeps continuously.	- Low boat battery. - Boat is out of range.	- Bring boat back to shore and recharge. - Bring boat back within 164 feet (50 meters) of the remote.
Boat capsizes and does not self-right.	- Incorrect self-righting maneuver. - Severe obstruction or damage.	- Attempt to reverse then accelerate forward with the remote. - Retrieve the boat manually and inspect for damage or obstructions.

7. SPECIFICATIONS

- **Model:** TR10

- **Brand:** TOLLCY
- **Product Dimensions:** 10 x 3 x 3 inches (each boat)
- **Item Weight:** 1.76 ounces (each boat)
- **Control Frequency:** 2.4 GHz
- **Max Speed:** Up to 15 KM/H
- **Control Distance:** Approximately 164 feet (50 meters)
- **Boat Battery:** 2 x 800mAh Lithium Polymer (included)
- **Play Time:** Up to 28 minutes per battery (56 minutes total with two batteries)
- **Charging Time:** Approximately 90 minutes per battery
- **Remote Control Battery:** 2 x AA batteries (not included)
- **Material:** High impact-resistant ABS
- **Recommended Age:** 6 years and up

8. SAFETY GUIDELINES

Read and understand all safety warnings before operating the product.

- **Adult Supervision:** Adult supervision is recommended for children under 14 years old.
- **Water Safety:** Only operate the boat in calm, clear water. Avoid swimming areas, strong currents, or areas with marine life.
- **Propeller Hazard:** Keep fingers, hair, and loose clothing away from the propeller when the boat is in water. The propeller activates only when submerged.
- **Battery Safety:**

  - Use only the provided charging cables and batteries.
  - Do not attempt to charge damaged or leaking batteries.
  - Do not short-circuit, puncture, or expose batteries to extreme heat or fire.
  - Dispose of batteries according to local regulations.

- **Environmental Conditions:** Do not operate in saltwater, as it can cause corrosion. Avoid operating during thunderstorms or high winds.
- **Interference:** Avoid operating near other electronic devices that may cause signal interference.
- **Retrieval:** If the boat becomes stuck or goes out of range, retrieve it safely. Do not swim into dangerous waters to retrieve the boat.

9. WARRANTY AND SUPPORT

TOLLCY products are manufactured with quality and performance in mind. For any issues or support inquiries, please contact TOLLCY customer service.

While specific warranty details are not provided in this manual, customers often have options for extended protection plans. Please refer to your purchase documentation or the retailer's website for details on available
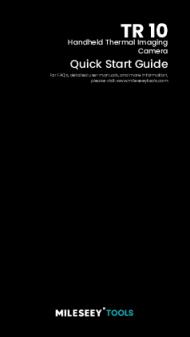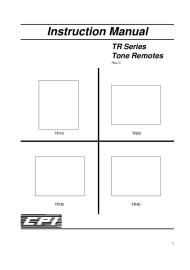
protection plans or warranty coverage.

Manufacturer: TOLLCY

For further assistance, please visit the TOLLCY official website or contact their customer support channels.

Related Documents - TR10

	[Redcat Racing Piranha TR10 RC Truggy User Manual](#) Comprehensive user manual for the Redcat Racing Piranha TR10 RC Truggy, covering setup, operation, maintenance, and safety guidelines for this high-performance remote-control vehicle.
	[WIKA TR10-0 and TC10-0 Resistance Thermometer and Thermocouple Operating Instructions](#) Comprehensive operating instructions for WIKA's TR10-0 resistance thermometers and TC10-0 thermocouples, detailing installation, connection, safety, and specifications for industrial applications, including hazardous areas.
	[MILESEEY TR10 Handheld Thermal Imaging Camera Quick Start Guide](#) Quick start guide for the MILESEEY TR10 Handheld Thermal Imaging Camera, covering button functions, display icons, and settings menu. Visit www.mileseeytools.com for full manuals and support.
	[CPI Communications TR Series Tone Remotes Instruction Manual](#) Comprehensive instruction manual for CPI Communications TR Series Tone Remotes (TR10, TR20, TR30, TR40), detailing specifications, installation, circuit analysis, parts lists, schematics, adjustments, and warranty information.

	[MILESEEY TR10 Handheld Infrared Thermal Imager User Manual](#) User manual for the MILESEEY TR10 Handheld Infrared Thermal Imager, detailing its features, safety instructions, and operational settings for accurate temperature measurement.
	[Manual de Usuario MILESEEY TR10: Cámara Térmica Infrarroja Portátil](#) Guía completa para el uso y configuración de la cámara térmica infrarroja portátil MILESEEY TR10. Aprenda sobre sus características, instrucciones de seguridad y ajustes para mediciones precisas de temperatura.