



## OWNER'S MANUAL

PLEASE READ THOROUGHLY BEFORE OPERATING THIS VEHICLE

**CAUTION-ELECTRIC TOY-NOT RECOMMENDED FOR CHILDREN UNDER 8 YEARS OF AGE.** AS WITH ALL ELECTRIC PRODUCTS, PRECAUTIONS SHOULD BE OBSERVED DURING HANDLING AND USE TO PREVENT ELECTRIC SHOCK. INPUT: 120 VAC, 60 Hz, 1.7W. OUTPUT: 9.0VDC, 850mA.

### TYCO R/C CONSUMER AFFAIRS WE CARE!

If you have questions or difficulty operating this vehicle, DO NOT RETURN IT TO THE STORE. Call Toll-Free 1-800-843-7766 (1-800-843-7766) for expert technical help and repair parts and service information.

www.tycorc.com

Model No. 56425 (77 MHz) Model No. 56423 (49 MHz)

### CAUTION

- DO NOT RECHARGE BATTERY PACK IF IT'S HOT. ALLOW IT TO COOL BEFORE RECHARGING.
- DO NOT CHARGE A BATTERY PACK THAT SHOWS LEAKAGE OR CORROSION.
- DO NOT DISASSEMBLE THE BATTERY PACK. THE BATTERY PACK IS A SEALED NiCd (NICKEL-CADMIUM) BATTERY.
- DO NOT DISPOSE OF THE BATTERY PACK IN FIRE.
- EXERCISE CAUTION IN HANDLING A HOT BATTERY PACK.
- IF BATTERY PACK AND/OR CHARGER ARE WET, THOROUGHLY DRY BEFORE CHARGING.

### SPECIAL NOTE TO ADULTS:

- The battery charger is age-graded for ages 8 and over; the battery charger should be operated in the presence of children under age 8 only with

adult supervision.

- Regularly examine for damage to the plug, enclosure and other parts. In the event of any damage, the toy must not be used with the transformer until the damage has been repaired.
- This toy is not intended for children under 3 years old. The transformer is not a toy.

This vehicle uses a Nickel-Cadmium rechargeable battery pack. **Must be recycled or disposed of properly.** NOTE: If you have any questions about proper disposal of Nickel-Cadmium batteries, contact your local county office of solid waste management (or other appropriate local office) for information.



### SYMPTOM → PROBABLE CAUSE → CORRECTION

Vehicle runs slowly or will not run.	<ul style="list-style-type: none"> <li>• Vehicle switch not ON.</li> <li>• Wet or recharged rechargeable battery.</li> <li>• Wet 3-cell transmitter battery.</li> </ul>	<ul style="list-style-type: none"> <li>• Check vehicle switch.</li> <li>• Charge battery or replace.</li> <li>• Replace with fresh 3-cell alkaline battery.</li> </ul>
Irratic operation or only short range possible.	• Radio interference likely.	• Change location - are you too close to a wall?
Start battery life.	• Battery not fully charged.	• Recharge battery for maximum running time, make sure you charge your battery according to instructions (see Section II).
Blinking red charger LED.	• Battery can't be charged right now (too hot, too cold or overly "fast done" between charges).	• Leave battery in charger and charger plugged in. Within 30 minutes the LED should change to solid red, and normal charging should begin. If not, please call the TYCO R/C Consumer Affairs toll-free number for assistance.
Blinking green charger LED.	• Battery did not accept a "full" charge (too cold, too old or already charged).	• Battery may be used, follow normal charging procedure after use.
Blinking red and green (alternating) charger LEDs.	• Possible charger problem (too hot, too cold, wetness in charger, etc.).	• Deploy charger and remove battery. Leave the charger inside at room temperature for 30 minutes, by charging again. If the problem persists, please call the TYCO R/C Consumer Affairs toll-free number for assistance.
Vehicle doesn't work after going through water or rain.	• Water in the electronics area.	• Vehicle will take several hours to dry. Air-dry thoroughly before trying again. • Your vehicle is designed for indoor use only. • Separate your vehicle in a dry area. Avoid driving in water and rain.

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Retain this address for future reference: Mattel U.K., Ltd., Mendham West, Leighton 153 2NW, Mattel Australia Pty. Ltd., Richmond, Victoria 3121 - Consumer Advisory Service: 1800 880 802 (valid only in Australia), Mattel East Asia Limited, 238 Ocean Centre, Harbour City, HK, China.

COMPLIANCE WITH FCC REGULATIONS THIS DEVICE COMPLIES WITH PART 15 OF FCC RULES. OPERATION OF THIS DEVICE IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE. (2) THIS DEVICE MUST ACCEPT ANY HARMFUL INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION. This device generates and uses radio frequency

energy and if not used properly may cause interference to radio and television reception. It has been tested and found to comply with the limits set by the FCC, which are designed to provide reasonable protection against such interference. CAUTION: FCC Regulations state that changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## I. CONTENTS/FEATURES

- Vehicle
- Working Headlights
- Flash Charge™ Battery Pack & Charger
- Full function
- Available in 2 frequencies: 27 MHz and 49 MHz
- Range up to 50/15m
- 8 Nite-Glow® Racing Cones

### • Transmitter

Your transmitter is equipped with a special automatic ON battery-saving feature. Just turn your vehicle OFF. Then push either transmitter stick and you will be able to run and control your vehicle.

- Left Stick Controls Left Wheels
- Right Stick Controls Right Wheels
- Flex Antenna

Refer to label on transmitter and vehicle for frequency. Don't race vehicles with the same frequency.

## II. QUICK START

PLEASE READ THIS OWNER'S MANUAL THOROUGHLY.

1. Start with a fully charged battery.
2. Turn vehicle power switch to either ON position. Press either transmitter switch to activate transmitter.
3. When you're done driving, turn vehicle power switch OFF. Remove all batteries for storage.

## III. OPERATING YOUR VEHICLE

Your Racin' Ratz™ vehicle is designed for indoor use only.

### 3-POSITION POWER SWITCH

Your Racin' Ratz™ vehicle is equipped with an exclusive 3-position power switch (on the underside of the vehicle).

POWER ON/HEADLIGHTS OFF  
POWER OFF  
POWER ON/HEADLIGHTS ON

Your vehicle's running time will be slightly shorter with the headlights on.

MATTEL WHEELS™

#### DRIVING CONTROLS



#### WHEEL WHEELS

Push both sticks all the way down. Turn on your headlights for wild "lightning" driving! Note: Glow cones included.

#### WORKING HEADLIGHTS

For scampers, "360" spins, push the left stick up and the right stick down. To spin in the opposite direction, push the left stick down and the right stick up.

#### 360° SPIN



#### QUICK TIPS

- When your vehicle starts to lose power, it may lose functions or performance. It's time for a recharge. Your vehicle's running time may change depending on your driving style.
- Radio interference can make your vehicle run badly. Interference can be caused by other RC vehicles running on the same frequency. Electrical wires, large buildings, or CB radios. Try to stay away from these!
- Don't drive your vehicle in sand or through water or snow. If your vehicle does get wet, wipe with a towel and allow to dry completely.
- Don't store your vehicle near heat or in direct sunlight. Always turn switches OFF and remove all batteries for storage.
- Point your transmitter antenna up - not down toward your vehicle. If your vehicle gets too far away, it won't work properly.
- Don't drive your vehicle in sand or through water or snow. If your vehicle does get wet, wipe with a towel and allow to dry completely.
- Don't store your vehicle near heat or in direct sunlight. Always turn switches OFF and remove all batteries for storage.



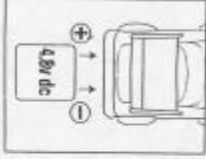
#### V. BATTERY CHARGING/CARE

- Your vehicle uses the exclusive TYCO™ RC Flash Charge™ Battery Pack and Charger. This power system is a technological breakthrough that changes in only 10 MINUTES, instead of hours. The power system is designed for use ONLY in TYCO™ RC Racers. Race™ vehicles!
- Your Flash Charge™ wall charger features an exclusive dual-LED status monitor. Whenever the charger is plugged in and a battery pack is inserted, the LEDs will indicate battery charging status.
- Solid red LED: charging in progress.
- Solid green LED: charging complete.

- Blinking LEDs may indicate a problem with the charger or the battery. Please refer to the troubleshooting section, at the end of the Owner's Manual, for more information.
- Plug the battery charger into standard wall outlet.
- Hold the battery with the flat surface up. Insert the battery into the charging slot. Press the battery against the springs, then push the battery down securely into the charger (the lip of the charging slot will hold the battery in the charger).
- To remove the battery, push the battery slightly forward, pressing against the springs. Let the battery move upward to clear the lip of the charging slot. Pull the battery out of the battery compartment.
- Give your battery a 10-minute charge. Charging is complete when the green charge LED lights.

#### VI. BATTERY INSTALLATION

- Hold the battery with the flat surface up, as shown.
  - Insert the battery into the battery compartment. Press the battery against the springs, then push the battery down securely into the battery compartment.
  - To remove the battery, push the battery slightly forward, pressing against the springs. Let the battery move upward to clear the battery compartment. Pull the battery out of the battery compartment.
- Estimated run time: approximately 10 minutes
- TRANSMITTER
- Install one 9-volt battery with polarity (+/-) as shown inside battery compartment.
  - The 9-volt transmitter battery will last much longer than the run time of the vehicle's rechargeable battery pack.



#### IMPORTANT BATTERY INFORMATION

- Ensure that battery polarity is correct.
- Use only batteries of the type recommended for equivalent.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Remove used-up batteries immediately. Remove batteries if vehicle will not be used for a long period.
- For best performance use alkaline batteries (where disposable batteries are called for).
- Battery life may vary depending on battery brand.
- Do not recharge non-rechargeable batteries.
- Do not short-circuit terminals.
- Remove rechargeable batteries before recharging.
- Recharge batteries only under adult supervision.
- Dispose of batteries safely.

#### BATTERY PACK CARE

- After charging, the battery may feel warm. This is normal for fully charged batteries.
- Unlike alkaline batteries, which lose power gradually, your battery will run for its normal running time and then lose most of its power at once. It is now time to recharge the battery.
- Never attempt to recharge a hot battery. Allow a hot battery to cool down before recharging.

Because of its unique design, other battery chargers will be unable to charge your battery pack. To charge your battery pack, use ONLY the TYCO™ RC Flash Charge™ battery charger.