

User Manual

FCC ID: KNZ27119R49MHZ

Congratulations! You are now the owner of the first radio controlled vehicle with realistic hot rod sounds and the Burnin' Thunder Burnout water feature. This vehicle uses a 3" dynamic sound speaker and amplifier to create some of the most realistic hot rod sounds you have ever heard in a radio controlled vehicle. You can rev your roaring engine at your command. Your Burnin' Thunder vehicle also has the Burnout feature which allows you to leave a "burnout tire trail" as you peel out in turbo mode (Don't worry - the "burnout tire trail" is just a water feature). Please take a few minutes and follow the instructions below to prepare your vehicle for racing.

Battery Installation (Batteries Not Included)

The vehicle requires one 9.6-volt rechargeable nickel cadmium (NiCd) battery. The battery compartment is located on the bottom of the vehicle. Before operating vehicle, remove the "Try Me" battery pack and replace with a 9.6-volt NiCd battery. The "Try Me" battery pack is for store demonstration purposes only.

The "Try Me" sound button connection should also be removed at this time by unplugging the wire on the bottom of the car. The "Try Me" button module is not used in the operation of your vehicle.

The transmitter (controller) requires one 9-volt alkaline battery. The battery compartment is located on the backside of the transmitter. Slide the battery door open. Install one 9-volt battery, with polarity (+/-) as shown inside battery compartment, and replace battery door.

Antenna Setup

A plastic tube is provided to slip over the antenna wire. This tube allows the antenna to stand upright for better reception and damage prevention. Slip the wire through the tube, press the tube into the rubber socket, and tie a knot in the antenna wire at the top of the tube. This will prevent the tube from becoming loose.

Sound and Operation

Your transmitter (controller) has a left and right control stick. The Left Stick moves up and down and controls your motion. The Right Stick moves left and right and controls your steering.

Start-up and Idle Sound

After installing the batteries and antenna tube, you are ready to run your vehicle. The power switch is located on the bottom side of the vehicle near the battery compartment. Switch it to the "on" position and you will immediately hear the start-up and idle sounds. It will remain in the idle sound mode until it receives a signal from the transmitter (controller). The vehicle will always return to the idle sound mode when no other signals are being received from the transmitter, or until the vehicle is turned off.

Rev Sound

You can rev your engine by pressing down on the Rev button located in the center of the controller. You can do this at any time you want.

Forward and Reverse

The Left Stick controller has four (4) functions: Forward, Reverse, Turbo and Stop.

Forward mode is activated by pushing the Left Stick midway up. Forward triggers an acceleration, up-shifting and top end sound effects.

Reverse mode is activated by pushing the Left Stick down and triggers a reverse gear sound effect.

Turbo Burnout Sound

Turbo/Burnout mode is activated by pushing the Left Stick controller fully forward. You may activate Turbo mode from a stand still position or while in Forward motion. Turbo mode triggers the squealing tire, burnout sound effect and will also trigger the water pump for the Burnout water feature when the vehicle has been setup to operate this feature. The vehicle will also accelerate to a higher speed during Turbo mode. The turbo speed will continue as long as the Left Stick is held in Turbo mode, but the Burnout sound feature and water feature are short durations. Turbo mode and its features can be re-triggered at any time.

Stop

Whenever the Left Stick is released the car will coast to a stop and a deceleration sound effect is triggered. The sound program will then return to the Idle sound until the next signal is received from the transmitter. A more instant stop can be achieved by quickly reversing the direction of the vehicle for a brief moment.

Steering

While you are driving forward you can steer the car using the Right Stick controller. To make a left turn, push the stick to the left. To make a right turn, push the stick to the right.

Burnout Water Mode

To prepare your vehicle for using the Burnout water feature, fill the water bottle with water. Place the water bottle nozzle over the filler valve located on top of the engine. Squeeze the water bottle until the water tank is full. The tank is full when water overflows from the valve. You are now ready to use the Burnout water feature. Remember, everytime you use Turbo mode, the water pump and Burnout Sound will activate for few seconds. The water pump will spray water onto the rear wheel and cause them to leave a water sleek on the ground just like a car burning rubber on the road.

Battery Life

Your vehicle should get about a 15 minute run time on fresh 9.6-volt charged battery. Please allow used batteries to cool down after each use and before recharging them again. Follow the battery manufacturer instructions regarding care and maintenance of the batteries.

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Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio/TV technician for help.



香港標準及檢定中心
The Hong Kong Standards and Testing Centre Ltd

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EXPOSITORY STATEMENT

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This device under application is a Low Power Communication Device Receiver operation within the band 49.82 - 49.90 MHz as the carrier frequency for the Radio communication.

For details of the construction of the Device, please refer to the following documents submitted by the Applicant:

- 1) Circuit Diagram
- 2) Block Diagram

