

# X-TREK II™

MICRO RACING SYSTEM

**WARNING:**  
CHOKING HAZARD – Small parts.  
Not for Children under 3 years.

This product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



## POWERFUL FEATURES FOR ULTIMATE RACING FUN

- \* 3 channel selectivity
- \* Digital speed
- \* Digital steering
- \* Front wheel suspension
- \* Independent gear box
- \* Twin motors
- \* Full function radio control
- \* Upgradable to other X-Trek controller

### Safety Precautions:

- Parents, this toy is recommended for children. To ensure that your child's play is both safe and fun, please review the operating instructions with your children.
- DO NOT pick up moving vehicle
- Keep hands, hair and loose clothing away from the tires and the wheel hubs when power switch is turned ON.
- Remove battery from Transmitter and Power Charger when not in use.
- DO NOT operate your vehicle on street. Avoid hitting people, pets or home furnishings.

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.

### Battery Cautions:

- Do not recharge the battery if it's hot. Allow it to cool before recharging.
- Do not charge the battery that shows leakage or corrosion.
- Do not disassemble the battery. The battery is a sealed NiMH (Nickel-Metal Hydride) battery.
- Do not dispose of the batteries in fire.

### Cautions:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the toy before being charged. (For Transmitter and Power Charger only)
- Rechargeable battery are only to be charged by an adult.
- Different types of batteries or new and used batteries are not to be mixed.
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with correct polarity.
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.

### Care and Maintenance:

- Always remove batteries from the toy when it is not being used for a long period of time.
- Wipe the toy gently with a clean damp cloth.
- Keep the toy away from direct sunlight and/or direct heat.
- Do not submerge the toy into water that can damage the electronic assemblies.

### Note:

- Parental guidance is recommended when installing or replacing batteries.
- New and alkaline batteries are recommended to use in this toy obtain best and maximum performance.
- You are advised to replace with new batteries as soon as the function becomes impaired.
- Users should keep and retain this information for future reference.
- Users should keep strict accordance with the instruction manual while operation the product.
- Under the environment with electrostatic discharge, the sample may malfunction and require user to reset the sample.

### Special Note to Adults:

- Regularly examine for damage to the recharging terminal, enclosure and other parts. In the event of any damage, the toy must not be used with the detachable power charger until the damage has been repaired.
- This toy must only be used with the recommended transmitter.

#### Battery requirement for Transmitter:

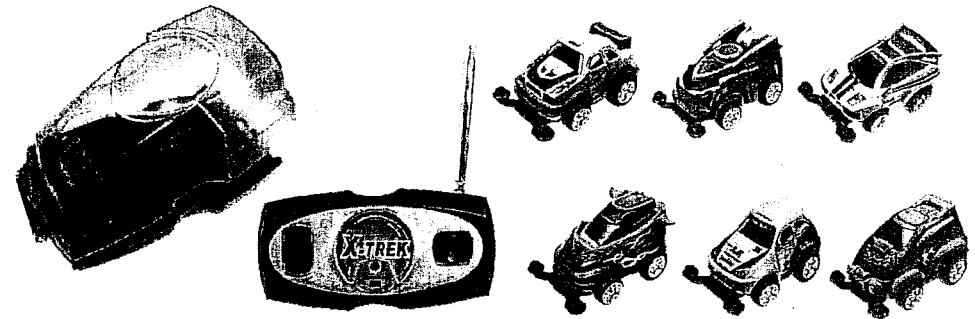
Power Supply : DC3V 0.2W  
Rating : DC3V 0.2W  
Batteries : 2 x 1.5V "AAA"/LR03/AM4  
Requires 2 x 1.5V "AAA" size alkaline batteries (not included)

#### Battery requirement for Vehicle:

Power Supply : DC1 2V 0.5W  
Rating : DC1 2V 0.5W  
Battery : 1 2V Ni-MH battery  
Requires 1 2V Ni-MH battery (included)

#### Battery requirement for Power Charger:

Power Supply : DC3V 3.0W  
Rating : DC3V 3.0W  
Batteries : 2 x 1.5V "AAA"/LR03/AM4  
Requires 2 x 1.5V "AAA" size alkaline batteries (not included)

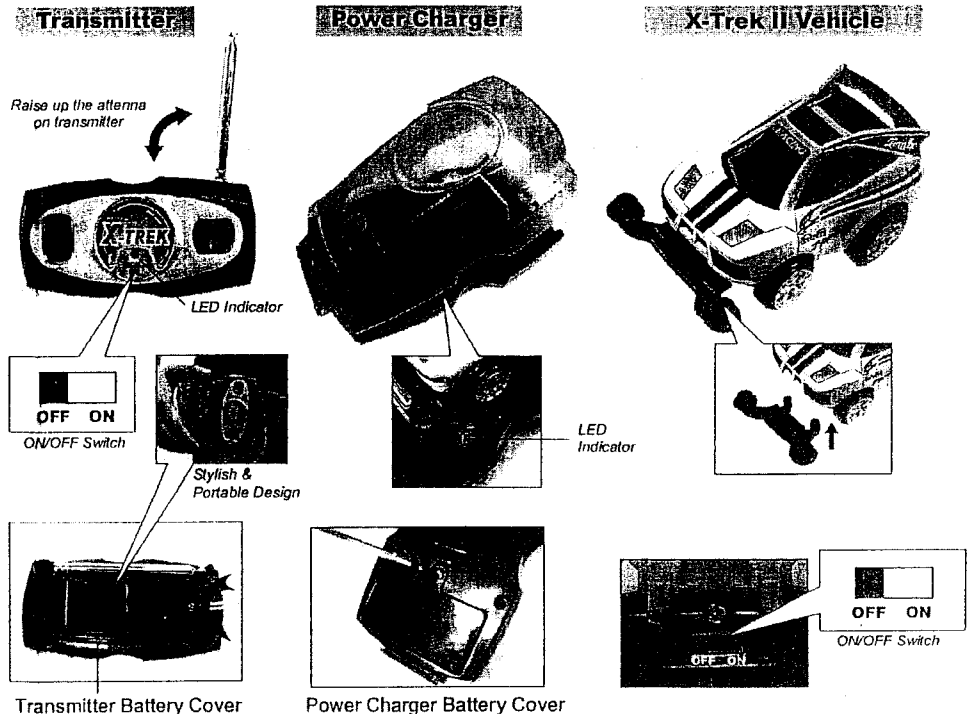


## FCC Statements

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference, and
  - 2) This device must accept any interference received, including interference that may cause undesired operation.
- 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.

## Index to parts



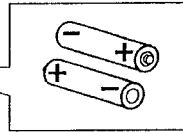
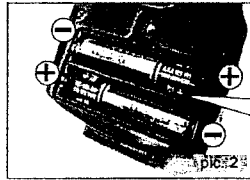
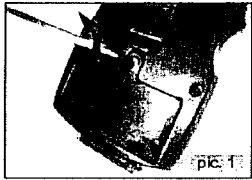
## Getting Started

### Batteries:

- The Vehicle is powered by 1.2V rechargeable battery.
- The Transmitter is powered by 2 x 1.5V "AAA" size alkaline batteries.
- The Power Charger is powered by 2 x 1.5V "AAA" size alkaline batteries.

### Battery Installation: Power Charger

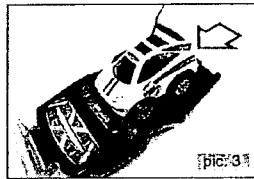
1. Use a phillips head(Cross-Head) screwdriver to loosen screw in counter-clockwise (pic.1)
2. Insert new "AAA" size alkaline batteries with "+" & "-" signs as shown. Close the battery cover using a phillips head(Cross-Head) screwdriver. (pic.2)



2 x 1.5V "AAA" size alkaline batteries

### Battery Charging: Vehicle

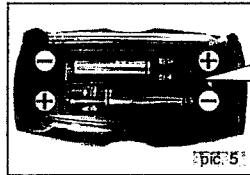
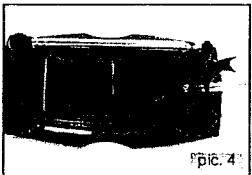
1. Slides the vehicle in the recharging terminal of the Power Charger. (pic.3)
2. The recharging LED indicator (red light) on the Power Charger will light up.
3. The recharging LED indicator light will go out in about 1 minute.
4. The vehicle can be operated up to 3 minutes after about 1 minute of recharging.



### Battery Installation: Transmitter

Make sure the power switch is on "OFF" position

1. Use a phillips head(Cross-Head) screwdriver to loosen screw in counter-clockwise (pic.4)
2. Insert new "AAA" size alkaline batteries with "+" & "-" signs as shown. Close the battery cover using a phillips head(Cross-Head) screwdriver. (pic.5)



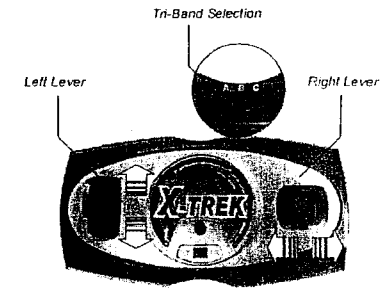
2 x 1.5V "AAA" size alkaline batteries

### Driving your X-Trek II Vehicle

1. Raise up the antenna on Transmitter.
2. Set Transmitter power button "ON/OFF" to "ON", the LED indicator will light up.
3. Set Vehicle power button "ON/OFF" to "ON".
4. Set Transmitter channel as the same as that on vehicle (Note: The channel is the affix of the frequency, such as A, B or C).
5. Steering the Vehicle by adjusting the control lever of Transmitter in different combinations.

### Steering driving:

Left Lever	Right Lever	Action
		↑ Forward and accelerate
		↓ Backward and accelerate
		↖ Forward left
		↗ Forward right
		↙ Backward left
		↘ Backward right



### Driving Tips:

- The acceleration varies at different trigger position.
- The turning speed and radius may vary at different lever position combination.
- Operate only on flat, smooth (but not slippery), dry surfaces and low pile carpet, as hair, carpet or dirt can affect the operation of the vehicle.
- Don't drive your vehicle in sand or through water or snow, if your vehicle get wet, wipe with a towel and allow to dry completely.
- When your vehicle runs erratically, the problem is usually the result of interference caused by high tension wires, radios or other R/C cars running close by on the same frequency as yours. You may have to choose an alternate place to race.
- Do not operate near concrete walls which may disturb transmission.

### Trouble Shooting:

Symptom	Cause	Correction
Vehicle does not react, or react poorly to operation by transmitter.	<ul style="list-style-type: none"> <li>• High-frequency interference occurred near to high-voltage lines, transformers and some types of building.</li> </ul>	<ul style="list-style-type: none"> <li>• Avoid these if possible, or choose another place to operate the vehicle.</li> </ul>
Loss of control.	<ul style="list-style-type: none"> <li>• Another radio control vehicle using the same frequency an channel is operated near your vehicle.</li> <li>• Out of the control range of distance.</li> </ul>	<ul style="list-style-type: none"> <li>• Race against other vehicles using different frequencies or channel.</li> <li>• Move to another place where without radio frequency interference from another device.</li> <li>• Ensure the antenna is fully extended. The vehicle runs minimum distance of 5 meters or 15 feet in open space.</li> </ul>
Vehicle runs slowly erratically or does not run.	<ul style="list-style-type: none"> <li>• Loose battery connection.</li> <li>• Main power switch is not in "ON" position.</li> <li>• Batteries are not placed in compartment correctly.</li> <li>• Hair, carpet or dirt might be trapped between wheels.</li> </ul>	<ul style="list-style-type: none"> <li>• Check battery connection.</li> <li>• Switch on the power.</li> <li>• Check the battery polarity.</li> <li>• Replace all old batteries with new ones.</li> <li>• Carefully remove such foreign materials.</li> </ul>