

# X-MOTORS™

EI-615  
Instruction Manual

**⚠ 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

- Tiny Full function radio control vehicle with digital technology.
- Tri-band User-selectable Frequency
- Digital-Proportional Forward / Backward
- Compatible with X-Trek tracks (sold separately)

### 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 X-Motors vehicle 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.

### Cautions:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the toy before being charged.
- 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:

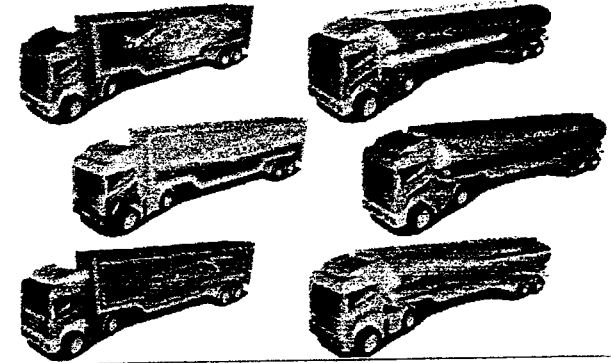
- This toy is not intended for children under 3 years old.
- This toy must only be used with the recommended transmitter

#### Battery requirement for Transmitter:

- Power Supply :
- Rating : DC6V 0.3W
- Batteries : 4 x 1.5V "AAA" LR03/AM4
- Requires 4 x 1.5V "AAA" size alkaline batteries (not included)

#### Battery requirement for Vehicle:

- Power Supply :
- Rating : DC1.5V 0.7W
- Batteries : 1 x 1.5V "AA" LR6/AM3
- Requires 1 x 1.5V "AA" size alkaline battery (not included)



## FCC Statements

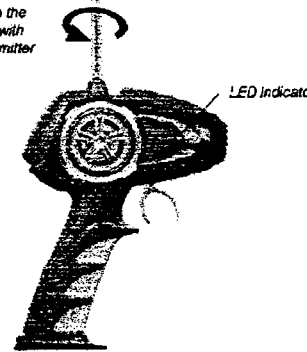
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- 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

### Transmitter

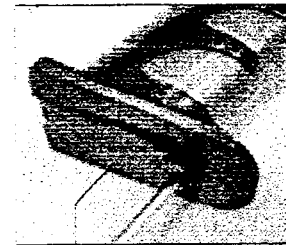
Screw up the antenna with the transmitter



### X-Motors Vehicle



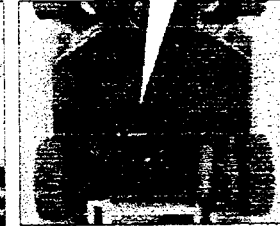
Attached with bumper while driving with X-Trek tracks



Transmitter Battery Cover



Tri-Band Selector



ON/OFF Switch

## Getting Started

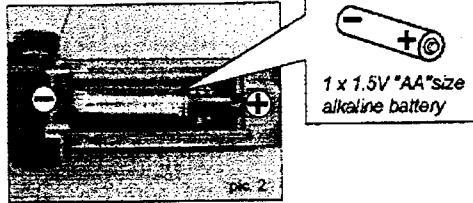
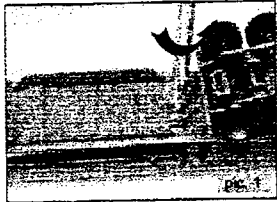
### Batteries:

- The Vehicle is powered by 1 x 1.5V "AA" size alkaline battery.
- The Transmitter is powered by 4 x 1.5V "AAA" size alkaline batteries.

### Battery Installation: X-Motors Vehicle

Make sure the power switch is on "OFF" position

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

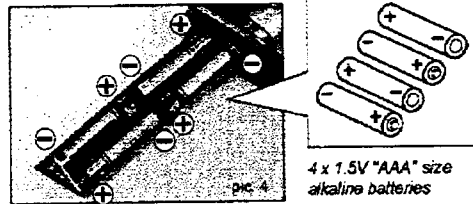


1 x 1.5V "AA" size alkaline battery

### 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.3)
2. Insert new "AAA" size alkaline batteries with "+" & "-" signs as shown inside battery drawer. Close the battery cover using a phillips head(Cross-Head) screwdriver. (pic.4)



4 x 1.5V "AAA" size alkaline batteries

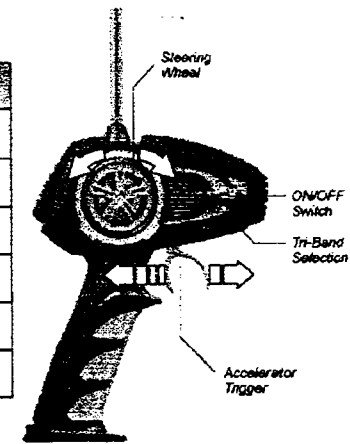
### Driving your X-Motors Vehicle

1. Screw the antenna on Transmitter.
2. Set Transmitter power button "ON/OFF" to "ON", the LED indicator will light up. Set vehicle power button "ON/OFF" to "ON".
3. Set transmitter and vehicle in the same channel (Note: The channel is shown with mark of A, B or C).
4. Steer the vehicle by adjusting the control levers of transmitter in different combinations to perform different actions.
5. Pull or push the Transmitter trigger to control your vehicle to go forward and backward.
6. Turn the steering wheel clockwise or counter clockwise to control your vehicle to run right or left.
7. You can tune the steering pin on bottom of the vehicle for better forward straightness.(pic.5)
8. With Bumper assembled, you can play it on X-Trek Tracks (sold separately).



### Steering driving:

Accelerator/Trigger	Steering Wheel	Action
←	↑	Forward and accelerate
→	↓	Backward and accelerate
←	↖	Forward left
→	↗	Forward right
←	↙	Backward left
→	↘	Backward right



### Driving Tips:

- Operate your vehicle only on flat, smooth (but not slippery) dry surface.
- The acceleration varies at different lever position.
- The turning speed and radius may vary at different lever position combination.
- For the best result, hold the antenna up, do not point down toward the vehicle.
- Don't touch (hold) the antenna of transmitter.
- 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.	• High-frequency interference occurred near to high-voltage lines, transformers and some types of building.	• Avoid these if possible, or choose another place to operate the vehicle.
Loss of control.	• Another radio control vehicle using the same frequency and channel is operated near your vehicle.  • Out of the control range of distance.	• Race against other vehicles using different frequencies or channel. • Move to another place where without radio frequency interference from another device. • Ensure the antenna is fully extended. The vehicle runs minimum distance of 5 meters or 15 feet in open space.
Vehicle runs slowly erratically or does not run.	• Loose battery connection. • Main power switch is not in "ON" position. • Batteries are not placed in compartment correctly. • Hair, carpet or dirt might be trapped between wheels.	• Check battery connection. • Switch on the power.  • Check the battery polarity.  • Replace all old batteries with new ones. • Carefully remove such foreign materials.