

# X-WAVE™

MICRO R/C SYSTEM

EI-390  
Instruction Manual

## CONTENT

- \* X-Wave Racing Boat
- \* Racing Boat Stand
- \* Transmitter with dome cover
- \* Instruction manual

## KEY FEATURES

- \* Full function radio control

### Safety Precautions:

- \* Parents, this toy is recommended for children 5 years and older. To ensure that your child's play is both safe and fun, please review the operating instructions with your children. If toy in the presence of children under 5 years of age, adult supervision is recommended.
- \* DO NOT pick up moving Racing Boat.
- \* Keep hands, hair and loose clothing away from the propeller when power switch is turned ON.
- \* Remove battery from transmitter when not in use.
- \* DO NOT operate your Racing Boat near swimmers, stay behind the water's edge when operating.

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 under adult supervision.
- 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 Racing Boat into water unless the battery compartment is properly closed and locked.

## Note:

- Parental guidance is recommended when installing or replacing batteries.
- New 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.

## 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 : DC 3V 0.1W  
Rating : DC 3V 0.1W  
Batteries : 2 x 1.5V "AAA" LR6 / AM3  
Requires 2 x 1.5V "AAA" size batteries (not included)

### Battery requirement for Racing Boat:

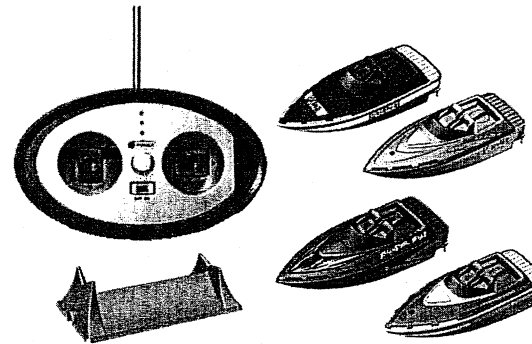
Power Supply : DC 1.5V 0.5W  
Rating : DC 1.5V 0.5W  
Batteries : 1 x 1.5V "AAA" LR03 / AM4  
Requires 1x 1.5V "AAA" size battery (not included)

**Silverlit®**

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

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

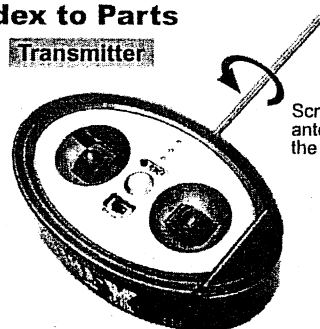


## FCC Statements

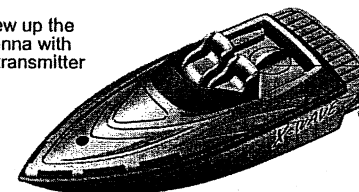
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:  
1) This device may not cause harmful interference, and  
2) This device must accept any interference received, including interference that may cause undesired operation.  
NOTE: This equipment 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

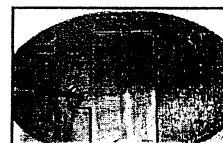
Transmitter



X-Wave Racing Boat



ON/OFF Switch

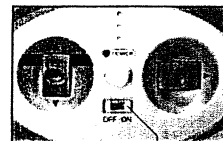


Transmitter Battery Cover

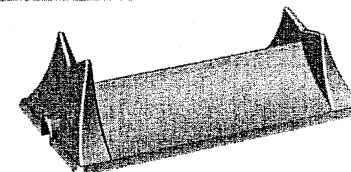


ON/OFF Switch

Boat Stand



Main Transmitter ON/OFF Switch



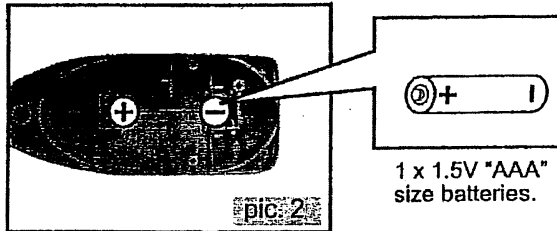
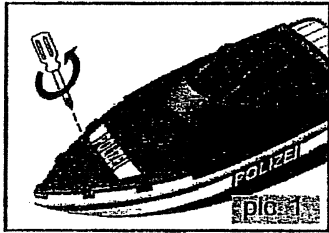
## Getting Started

### Batteries:

- The Racing Boat is powered by 1 x 1.5V "AAA" size battery.
- The transmitter is powered by 2 x 1.5V "AA" size batteries.

### Battery Installation: Racing Boat

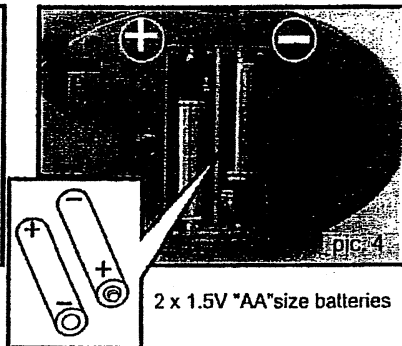
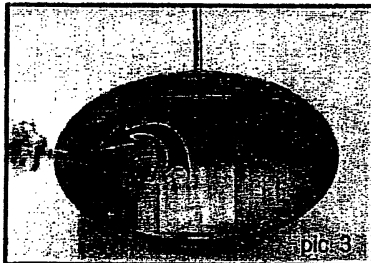
1. Use a phillips head screwdriver to loosen screw in counter-clockwise (pic.1)
2. Insert new "AAA" size battery with "+" & "-" signs as shown. Close the battery cover using a phillips head screwdriver. (pic.2)



### Battery Installation: Transmitter

Make sure the power switch is on "OFF" position.

1. Use a phillips head screwdriver to loosen screw in counter-clockwise (pic.3)
2. Insert new "AA" size batteries with "+" & "-" signs as shown inside the battery compartment (pic.4)
3. Close the battery compartment cover use a phillips head screwdriver.



## Driving your X-Wave Racing Boat

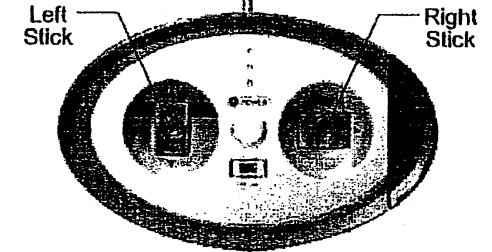
### Start to play:

- \* Switch on the X-Wave Racing Boat.
- \* Steer the X-Wave Racing Boat by adjusting the control levers of transmitter in different combinations to perform actions.
- \* For best results, hold antenna up, do not point down toward X-Wave Racing Boat.
- \* After use, switch off the X-Wave Racing Boat.
- \* If the X-Wave Racing Boat is to be "parked" for a relatively long time, remove all batteries from the transmitter.

## Steering driving:

Left Stick	Right Stick	ACTION
↑ ↓	/	↑ Forward ↓ Backward
/	← →	↺ Rotate Left ↻ Rotate Right

**WARNING:**  
Never allow young children to play in or around water without adult supervision.



## Driving Tips:

- \* Operate only in calm, clear water for the X-Wave Racing Boat. Pools and shallow ponds are recommended.
- \* After each use, wipe with a towel and allow to dry completely.
- \* When your X-Wave Racing Boat runs erratically, the problem is usually the result of interference caused by high tension wires, radios, or other R/C toy 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.
- \* Your X-Wave Racing Boat is designed for operation in fresh water. Avoid in salty water operation. Do not submerge the X-Wave Racing Boat & remote controller in water for a long time.

## Trouble Shooting:

Symptom	Cause	Correction
Racing Boat 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 Racing Boat.
Loss of control	* Another radio control Racing Boat using the same frequency is operated near your vehicle. * Out of the control range of	* Race against other Racing Boat using different frequencies. * Move to another place where without radio frequency interference from another device.
Racing Boat runs slowly or does not run.	* Loose battery connection * Main power switch is not in "ON" position. * Batteries are not placed in compartment correctly. * Batteries are exhausted.	* Check battery connection. * Switch on the power. * Check the battery polarity. * Replace all old batteries with new ones.