

SUB-SONIC XP™

EI-884
Instruction Manual

FULL FUNCTION RADIO CONTROL

CONTENT

- Sub-Sonic XP
- Charger
- Transmitter
- Instruction manual

KEY FEATURES

- Full function radio control
- 3 Dimensional control
- 3 High power motors driven
- Headlight Equipped

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 propeller when power switch is turned ON.
 - Remove battery from transmitter and Power Charger when not in use.
 - **DO NOT** operate your vehicle 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.
- (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 transmitter and power charger 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.

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 operating 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	DC9V 0.45W
Rating	1 x 9V (LF22 / 6AM3)
Batteries	Requires 1 x 9V alkaline battery (not included)

9V

Battery requirement for Vehicle:

Power Supply	DC2.4V 1.2W
Rating	2 x 1.2V Ni-MH batteries
Batteries	Requires 2 x 1.2V Ni-MH batteries (included)

Battery requirement for Power Charger:

Power Supply	DC4.5V 5W
Rating	3 x 1.5V "AA"/LR6/AM3
Batteries	Requires 3 x 1.5V "AA" size alkaline batteries (not included)

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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."



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 connected.
- Consult the dealer or an experienced radio/TV technician for help.

Index to parts

Transmitter



Vehicle



Power Charger



Transmitter Battery Cover

Charging Indicator

Power Charger Battery Cover

83521-back (18.4mm x 13mm)

Getting Started

Batteries:

- The Vehicle is powered by 2 x 1.2V build-in NiMH batteries. (included)
- The Power Charger is powered by 3 x 1.5V "AA" size alkaline batteries. (not included)
- The Transmitter is powered by 1 x 9V alkaline battery. (not included)

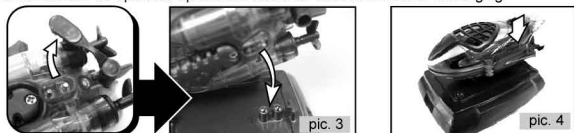
Battery Installation: Power Charger

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



Battery Charging: Vehicle

1. Remove the plug then put the Vehicle on charger as shown. (pic.3) (pic.4)
2. The recharging LED indicator (red) on the power charger will light up.
3. The recharging LED indicator light will go out in about 3 minute.
4. The Vehicle can be operated up to 3 minutes after about 3 minute of recharging.



Battery Installation: Transmitter

1. Push to remove the battery compartment cover. (pic.4)
2. Insert new 9V alkaline battery with "+" & "-" signs as shown inside the battery compartment. (pic.5)
3. Replace the battery compartment cover.



Start to play:

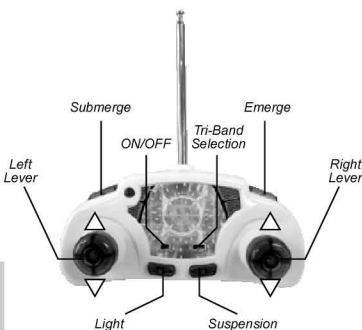
1. Put the Vehicle on charger until the lights turn off.
2. Switch on the Transmitter and select the right channel.
3. Drive your Vehicle in water. Use combination of Suspension button, Emerge & Submerge button and driving levers to get different tricks.
4. After use, switch off the Vehicle and Transmitter.
5. Please take batteries out from Transmitter and Power Charger when it will not be used in long time.

Driving:

Left Lever	Right Lever	Action
▲	▲	Forward
▼	▲	Backward
▲	▲	Forward left
▲	▲	Forward right
▲	▼	Backward left
▲	▼	Backward right
▲	▲	Spin right
▲	▲	Spin left

WARNING:

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



Driving Tips:

- * Operate only in calm, clear water for the Sub-Sonic XP. Pools and shallow ponds are recommended.
- * After each use, wipe with a towel and allow to dry completely.
- * When your Sub-Sonic XP 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 Sub-Sonic XP is designed for operation in fresh water. Avoid in salty water operation. Do not submerge the Sub-Sonic XP in water for a long time.

Trouble Shooting:

Symptom	Cause	Correction
Sub-Sonic XP 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 Sub-Sonic XP.
Loss of control	* Another radio control vehicle using the same frequency is operated near your Sub-Sonic XP. * Out of the control range of distance.	* Using different frequencies. * Move to another place where without radio frequency interference from another device. * Ensure the antenna is fully extended. The Sub-Sonic XP runs distance up to 5 meters or 15 feet on water & up to 3 meters or 9 feet in water.
Sub-Sonic XP runs slowly or does not run.	* Main power switch is not in "ON" position. * Batteries are exhausted.	* Switch on the power. * Recharging your Sub-Sonic XP.

Note: Sub-Sonic XP is recommended to submerge the deepness up to 1 meter or 3 feet in water. Do not submerge the transmitter and power charger into water which can damage the electronic assemblies.