



EI-588 Instruction Manual

CONTENT

- Turbo Glider vehicle
- Transmitter
- Glider
- 6V Ni-Cd Battery Pack
- AC/DC Charger
- Instruction manual

Key features:

- Full function radio control vehicle with Digital-Proportional forward and backward
- Tri-band User-selectable at each frequency
- Equipped engine module for releasing the Glider and activating the Glider flying in the sky.

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 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.
- 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.
- 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 to obtain best and maximum performance. (For transmitter)
- You are advised to recharge the battery pack 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 plug, enclosure and other parts. In the event of any damage, the toy must not be used with the power charger until the damage has been repaired.
- This toy is not intended for children under 3 years old. The charger is not a toy.
- This toy must only be used with the recommended charger.

Battery requirement for Transmitter:

- Power Supply: ---
- Rating: DC6V 0.3W
- Batteries: 4 x 1.5V "AA"/LR6/AM3
- Requires 4 x 1.5V "AA" size alkaline batteries (not included)

Battery requirement for Vehicle:

- Power Supply: ---
- Rating: DC6V 16.5W
- Batteries: 6V Ni-Cd battery pack
- Requires 1 x 6V Ni-Cd battery pack & Charger (included)

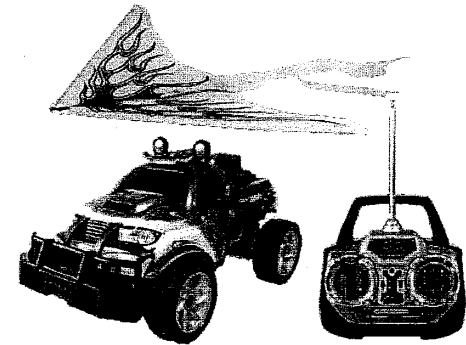
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This product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



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



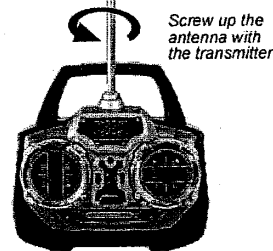
FCC Statements

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.

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Transmitter



Screw up the antenna with the transmitter



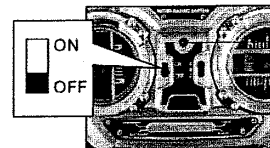
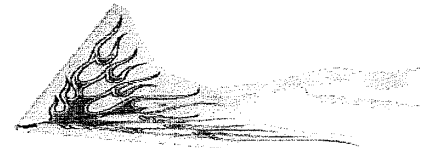
Transmitter Battery Cover

Vehicle



OFF ON ON/OFF switch

Kite



Main Transmitter ON/OFF Switch

LED Indicator

Getting Started

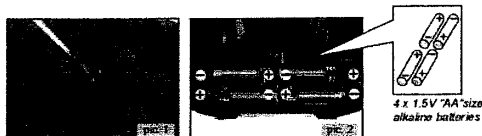
Batteries:

- The Turbo Glider is powered by 6V Ni-Cd battery pack.
- The Transmitter is powered by 4 x 1.5V "AA" size alkaline batteries.

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.1)
2. Insert new "AA" size alkaline batteries with "+" & "-" signs as shown inside battery compartment. (pic.2)
Close the battery cover using a phillips head (Cross-Head) screwdriver.



Battery Installation: Turbo Glider

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 charged battery pack inside the battery compartment. (pic.4) Close the battery cover using a phillips head(Cross-Head) screwdriver.

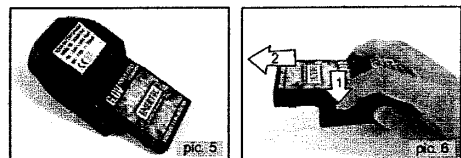


Charging Battery Pack:

The 6V battery has to be charged before being used for the first time, please proceed as follows:

- Rechargeable battery pack are charged under adult supervision.
- Insert the battery pack inside the charger, then plug the charger to the A.C. socket.(pic.5)
- Battery pack must be charged for 5 hours.
- After charging, plug out of the socket and disconnect the charger.(pic.6) The specifications of the utilized unit must be absolutely observed.

Warning: In order to obtain the battery maximum performance. Do not charge the battery pack over 7 hours.



Assemble of Glider :

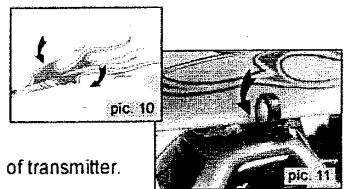
1. Assemble the wing. (pic.5,6)
2. Tie the thread. (pic.7,8,9)



Driving your Turbo Glider :

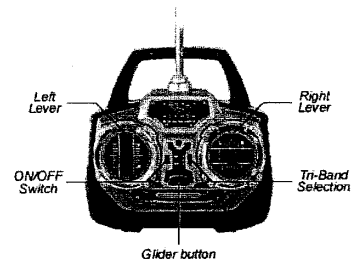
1. Insert correctly the batteries inside battery compartment for vehicle and transmitter.
2. Set transmitter power button "ON/OFF" to "ON", the LED indicator will light up.
3. Set vehicle power button "ON/OFF" to "ON".
4. Set the Glider on top of the vehicle. (pic.10,11)
5. Set transmitter channel as the same as that on vehicle (Note: The channel on vehicle is inside battery compartment).
6. Steer the vehicle by adjusting the control levers of transmitter in different combinations to perform different action.
7. For the best remote control result, hold the antenna up, do not point down toward the vehicle. And don't touch (hold) the antenna of transmitter.
8. For Glider flying, please run your vehicle forward straightly, and press the Glider button to release it when vehicle reaches its max speed.

Warning! Do not use near overhead power lines or during thunderstorms.



Steering driving:

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



How to replace the broken thread:

If the thread breaks in accident, please follow the steps below to replace it:

1. Press down the thread housing back case and remove it.(pic.12)
2. Pull the thread to its end on the winding drum, you can see it is fixed in a slot by a knot. Please remove it.(pic.13)
3. Take a new thread and make a knot at one end, fix it in the slot on the drum.(pic.14)
4. Address the thread in its previous route.(pic.15)
5. Wind the thread on the drum by turning the knob beside the thread housing.(pic.16)
6. Put the top cover back and tie the Glider.

Note: 1.Be sure to replace it with a new thread, otherwise a knot on thread may affect Glider's performance.

2.Be sure the new thread is the same as and no longer than the original one, otherwise, it may result safety hazard.



Driving Tips:

1. For better Glider flying.
 - Please run your vehicle in an environment of calm wind or slight wind.
 - Folding the Glider in the shape shown in(pic.10,11) and centered on the top.
2. The acceleration varies at different lever position.
3. The turning speed and radius may vary at different lever position combination.
4. When thread break, please connect it as per the method shown in (pic.12~16)
5. 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.
6. 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.
7. 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.
8. 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 • Channel is different between vehicle and transmitter.	• Avoid these if possible, or choose another place to operate the vehicle. • Set transmitter and vehicle in the same.
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 20 meters or 60 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.