

TARANTULA RC™

Ages 8+

Instruction Manual

Race the Tarantula 27 MHz Ascendor EKO-05 against the Tarantula 49 MHz MG-A1 Quadtrax for awesome competitive action!

SPECIFICATIONS

Includes:

- Tarantula
- Full-Function Handset
- Instruction Manual

Requires (included in Bonus Pack only):

- 1x 9.6V 700mAh NiCd Battery Pack
- 4-hour Charger for 9.6V 700mAh NiCd Battery Pack
- 1x 9V Battery

CHARGING THE BATTERY

Before you can experience all the fun and excitement of using your toy, you must charge your Battery Pack. Follow these simple instructions for your initial charge-up and all recharges thereafter.

1. Connect the Battery Charger Connector into the 9.6V NiCd Rechargeable Battery Pack.
2. Plug the Battery Charger into a standard wall 120V outlet.
3. Allow the Battery Pack to charge for 4 hours.
4. Disconnect the Battery Pack from the Battery Charger and remove the Battery Charger from the wall outlet. It should feel warm.

Note: Battery life varies depending on usage. An average charge should last approximately 3 to 15 minutes. The rechargeable battery should be charged by an adult.

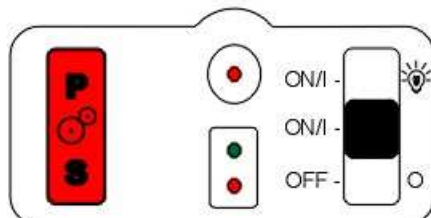
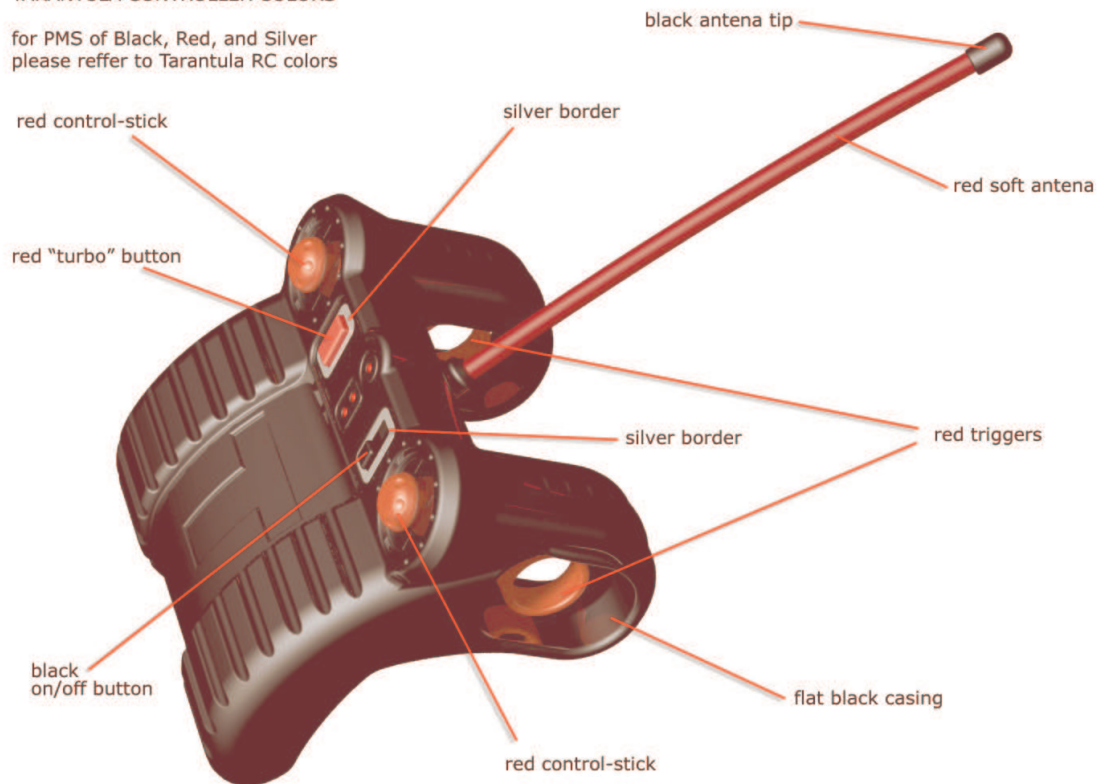
Important:

- After use, the Battery Pack may be hot. Allow it to cool for at least 20 minutes before recharging.
- If the Battery Pack shows signs of leakage or erosion, do not recharge; replace it immediately.
- Do not disassemble the Battery Pack.
- If the battery pack or charging unit becomes wet, dry thoroughly before recharging.
- Do not use any other rechargeable battery except for the standard 9.6V NiCd Battery Pack that was intended solely for use with the product.
- The Battery Charger used with the toy is to be regularly examined for damage to the plug, enclosure and other parts. In the event of such damage, the toy must not be used with this battery charger until the damage has been repaired.
- The product is not intended for children under 3 years old.
- The product must only be used with the recommended battery charger.
- The battery charger is not a toy.

INSTALLATION OF BATTERIES

TARANTULA CONTROLLER COLORS

for PMS of Black, Red, and Silver
please refer to Tarantula RC colors



Remote Controller:

1. Switch the power to the "OFF" position.
2. Unscrew and remove the battery compartment cover, located on the back of the handset, with a Phillips screwdriver.
3. Insert 1 x 9V battery in the proper direction as indicated inside the battery compartment.
4. Put the battery cover back on & tighten the screw securely.
5. Switch the power to the "ON" position.
6. Push the button to the further to play with Headlights.

Vehicle:

1. Push the button at the rear top of vehicle to power off the vehicle, the green indicator inside the small doom located at the top of vehicle should be off.
2. Unscrew and remove the battery door at the back of the vehicle.
3. Plug a fully charged 9.6V NiCd Battery Pack.
4. Put the battery door back on & screw it securely.
5. Press the power button and the green indicator will turn on.

PLAYING NOTE

- 1) Power-on default set vehicle to climbing mode.
- 2) For both TX and vehicle, green light ON indicates the climbing mode and red light ON indicates the fast running mode
- 3) Conventional bi-motor control with 2 joysticks.
- 4) The left trigger ring is for front swivel arm and the right trigger ring is for rear swivel arm
- 5) Pull both trigger rings towards yourself to unfold the arms; keep pulling the rings and Tarantula will stand up. Push the rings away from you to fold the arms up.
- 6) Press the rectangular red button to toggle between climbing and high-speed mode. Push both joysticks in the same direction to drive the vehicle straight back and forth to ensure good engagement of gears.)
- 7) Under high-speed mode, the vehicle cannot swivel arms for safety purposes. We will add sensors to the arms later so that high speed will be trigger only when the arms are pointing upwards. please change to climbing mode.

Climbing up and down stairs

The speed of standard climbing is 4.5 to 5 seconds per step and the speed of fast climbing is 2.7 to 3 seconds per step.

Please refer to the movies from time to time and make sure you can fully understand the climbing method.

For climbing up stairs, unfold the arms with the tip of rear arms slightly stand against the ground at around 5° to 10° to the horizontal.

This will slightly lift up the rear of the vehicle.

This is essential to avoid slipping down when climbing up steps.

Make the Tarantula run forward and stand up before and touch the vertical wall of the 1st step with the track grasp on the edge of 1st step.

Swivel the front arm by pulling the left trigger ring towards yourself.

The front wheels and the jaw of vehicle will sit on the edge of the 1st step.

Hold the trigger ring all the time to keep the Tarantula to climb.

The difference between standard climbing and fast climbing is by controlling the time to push both joysticks.

Please pay particular attention to the swivel angle of the front arms.

For standard climbing, push and hold the joysticks only when the arms are pointing forward horizontal and release when the arms is vertical.

For fast climbing, push the joysticks all the time to keep the track runs but release only when the swivel arm is pointing backward horizontal to vertical.

For climbing down stairs, this can be done by swiveling the front arm only, on track movement is necessary.

So keep pushing the left ring away from you and all is done.

Alternatively, you can just use track to run down the slope.

Please review the movies thoroughly and practice to develop the climbing technique for demonstration purposes.

You can climb up or down stairs with either front or rear side of the vehicle.

However, it will be more stable to climbing with the front side.

RECHARGING THE BATTERY

After playing for approximately 5 to 10 minutes, the performance of your toy will decrease. It is time to charge your Battery Pack. Please follow the recharging instructions included with your Battery Pack and Charger. If the battery is warm, please allow up to twenty minutes for it to cool before recharging.

OPERATIONAL TIPS AND HELPFUL HINTS

- Make sure the battery door of the toy has been screwed shut securely before playing.
- Do not operate during thunderstorms.
- When your toy starts to lose power, it may experience loss of functions or performance. If this happens, simply recharge your Battery Pack again and/or replace the Handset battery.
- The toy is operated by radio waves. It is possible the unit will not perform properly due to interference from nearby devices such as a cordless phone, hair dryer, radio, walkie-talkie or other radio-controlled toys.
- Avoid water, sand and snow when operating your toy.
- Do not submerge the toy or the handset in water.
- Always select a safe place to play.
- Keep fingers, hair and loose clothing away from the propellers while the vehicle is switched "ON."
- Please drain the water and clean the toy with a clean, dry cloth after playing.
- If the toy or the battery is low on power, the toy will stop running.
- Do not get your rechargeable battery wet. If you do, dry it immediately.

TROUBLE SHOOTING

1. If your toy responds slowly or fails to operate:
 - Make sure the batteries in both the Handset and toy are installed properly.
 - Recharge your Battery Pack and/or replace the Handset battery.
 - Make sure both the toy and the handset are turned "ON."
 - Make sure the Battery Contacts have not become dirty. If they have, simply brush them with a dry cloth.
 - Move the remote control handset closer to your toy to determine the best communication between the remote handset and the toy.
2. Upon extensive playing, the protective circuitry may shut down the toy automatically to avoid overheating. It is recommended to allow the toy to cool down for at least 20 minutes

before restarting. In case you really need to control the toy back, to avoid being washed away, before resting, please restart the homing signal after one minute.

SAFETY BATTERY PRECAUTIONS

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the toy before being charged.
- Rechargeable batteries 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 the correct polarity.
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.
- Do not dispose of the batteries in fire; batteries may leak or explode.
- Batteries should be replaced by an adult.
- Use alkaline batteries for better performance.
- When not in use for an extended time, remove batteries to prevent possible leakage.

CAUTION:

- Do not use rechargeable batteries for the Remote Control Handset.
- Not suitable for children under 3 years.
- May contain small parts.

IMPORTANT NOTICE

Modifications not authorized by the manufacturer may void user's authority to operate this device.

Emissions or interference of surrounding electronic equipment may affect operating performance.

FCC NOTICE:

This equipment has been tested and found to comply with 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, this 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.

Please retain this Instruction Manual, which contains important information.

The preferred method of contact for Customer Service is through our e-mail contact form at www.mgae.com