

# R/C Micro-Combat Vehicle M/CV R/C Micro Combat Vehicle

## INSTRUCTION MANUAL

Thank you for purchasing the R/C Micro Combat Vehicle which integrates the cutting edge R/C and V/R shooting technology. Before starting the combat-vehicle's engine, be sure to read this instruction manual carefully. Then keep this manual in a safe place, so you can refer to it whenever you need to do so.

### BATTERY SAFETY INFORMATION

- Be sure to insert batteries as instructed.
- For best performance please use 1.5V alkaline batteries in the transmitter.
- Please use 1.5V alkaline batteries in charger (please don't use any rechargeable batteries in the charger).
- Battery life may vary depending on battery brand. Transmitter or charger performance may decrease as batteries weaken.
- Use only batteries of the type recommended (or equivalent).
- Do not mix old and new batteries. Replace all the batteries at the same time.
- Do not mix alkaline, standard (carbon zinc), or rechargeable (nickel cadmium) batteries.
- Make sure that the contact surfaces are clean and bright before installing batteries.
- Remove old or dead batteries from the charger.
- Be sure to insert batteries with the correct polarity.
- Remove batteries if transmitter or charger not be used for a long period.
- Due to small parts, batteries should be replaced by adult.
- Dispose of batteries safely.
- The supply terminals must not be short circuited.

**CAUTION:** The combat vehicle contains a rechargeable battery. If fluid leaks from the vehicle, avoid contact with eyes and dispose the vehicle. Only use the charger provided to charge the vehicle. Do not use any other source to charge the vehicle.

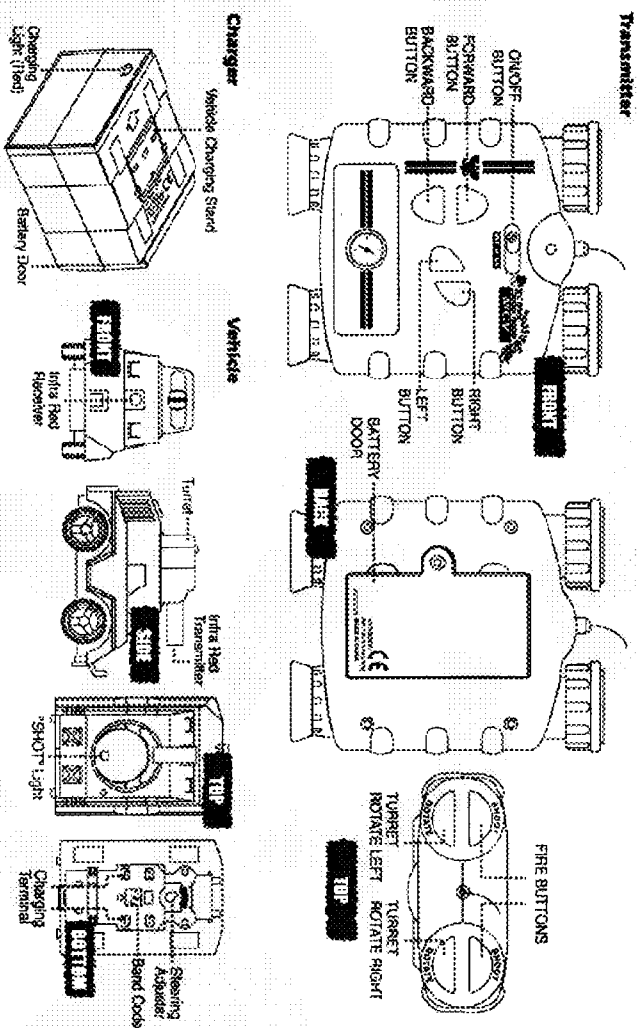
### SAFETY INFORMATION

This toy is recommended for children 5 years of age or older. To ensure that the child's play is both safe and fun, please review the operation section and these safety rules.

- Vehicle is operated by a mini rechargeable battery, which does not need replacement.

- Do not short circuit the terminals.
- Transmitter, charger and vehicle contain small and delicate parts, do not try to disassemble them.
- Do not operate the transmitter while charging the vehicle on the charging stand of the charger.
- Avoid operate vehicle on sand, water and snow.
- Transmitter or charger batteries should be replaced by adults.

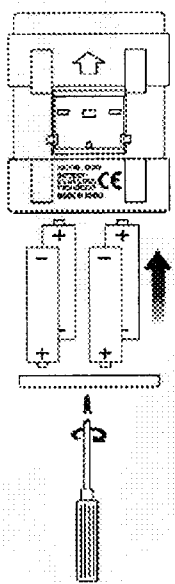
### PARTS & NAMES



### CHARGING THE VEHICLE IN CHARGER

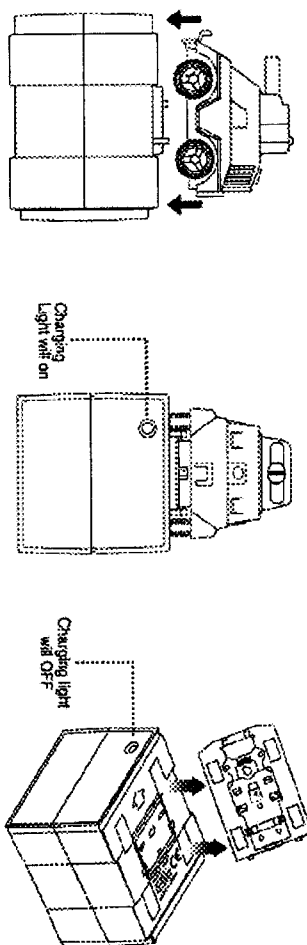
**IMPORTANT:** For the first play of the day, charge your combat vehicle twice before playing. For subsequent play on the same day, charge only once. Never double-charge your combat vehicle after the first play!

1. The vehicle is running on a re-chargeable battery. The actual running time after each re-charge may vary depending on transmitter's and charger's batteries brand and condition. Vehicle's charging time may increase and running time decrease as batteries weaken.
2. Charger is powered by 4xAAA / LR06 (1.5V) batteries. For best performance, alkaline batteries are highly recommended.
3. Unscrew the screw on the battery door.
4. Insert 4xAAA/LR06 (1.5V) alkaline batteries, install with polarity (+/-) as shown.



4. Close the battery door.
5. Position the vehicle on the charging stand of the charger.

6. Make sure the terminal contacts of the vehicles are contacting the corresponding contacts on the charging stand.
7. Press the vehicle on the stand and let the locks of the stand to hold the vehicle in secure position.



8. The red charging light is on (vehicle is being charged)
9. When the red charging light is off, the battery inside the vehicle is fully charged.
10. Carefully remove the vehicle from the charging stand.

#### Tips & Hints:

- Do not force the vehicle on the charge stand as this may damage the delicate parts. Try to place it on a correct position and securely lock on the stand.
- Make sure both metal terminal on the vehicle and charger are contacting to each other.
- If the charging light becomes dim, replace the charger's batteries.
- Do not operate the vehicle while charging it.
- Red charging light will be off automatically if the charging cycle is completed.
- Use alkaline batteries ONLY on the charger.

## OPERATION

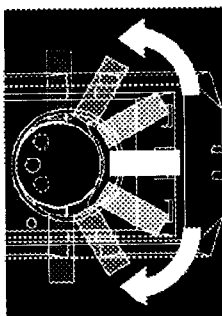
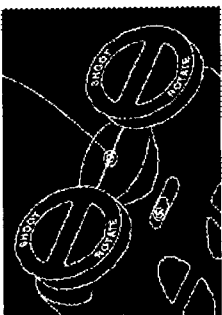
You must charge up the vehicles before operate it.

#### A. Simple operation of the vehicle:

1. Turn the transmitter power on.
2. To let the vehicle run forward or reverse, press the Forward or Reverse button.
3. Press the left or right button to make the vehicle turn left or right (while the vehicle is turning forward or reverse).
4. Adjust the steering adjuster (if necessary) to run straight.
5. Recharge the vehicle while running slow or stop.
6. Turn off the power if not use.

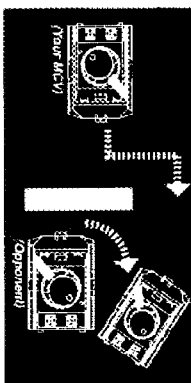
#### B. IR Battle mode (suitable for 2 or 3 units of micro combat vehicle with different frequencies)

1. Control your combat vehicle towards your opponent and make sure that the head of the turret is pointing to the front of your opponent's vehicle.
2. You can rotate the turret of your combat vehicle by pressing the Turn-rotate button.

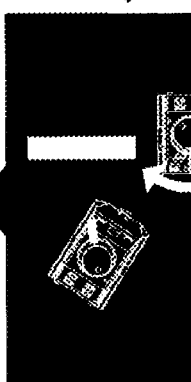


3. Press either one of the fire buttons (an IR signal will be emitted).
4. If your opponent is being shot, the red light of the vehicle will be on and it will stop its move function for 5 seconds.
5. After that, your opponent's car will be recovered and it will stay in "Protect" mode for 2 seconds, i.e. your opponent will have 2 seconds time to escape from further attack.

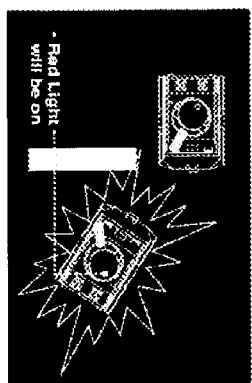
• Move towards your opponent



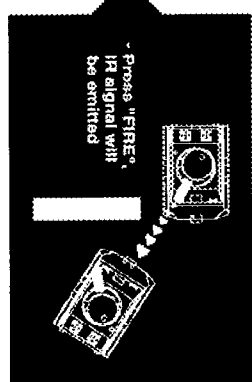
• Rotate the Turret



• Red Light will be on



• Press "FIRE", IR signal will be emitted



#### Tips and Hints :

- For best performance, operate your vehicles on smooth surface.
- Continuously checking and cleaning the vehicle's wheel for dirt.
- If vehicles operating range getting short (normal operating range is within 8 meters or 26.2 feet), replace transmitter's batteries.
- If vehicle's response becoming slow, replace transmitter's batteries.
- Do not try to rotate the turret by your hand. Do it only by your transmitter.

## BATTERY REPLACEMENT

The transmitter is powered by 2 x AA/LR06 (1.5V) alkaline batteries

1. Open the battery door at the back of the transmitter.
2. Replace / insert 2 x AA / LR06 (1.5V) alkaline batteries, install with polarity (+/-)
3. Close the battery door

For the battery replacement of the charger, please refer to the "Charging the Vehicle in Charger" in earlier chapter.

#### Tips & Hints:

- If the power light (red) becomes dim, replace transmitter batteries.
- Be sure that the positive (+) and negative (-) poles of the battery are facing in the proper position.
- Do not expose the batteries to direct heat, short circuit them or try to take them apart

## FAQ

#### Vehicle is not running

- The Vehicle is running out of batteries, need recharge immediately.
  - Vehicle is out of operating range, bring the transmitter back into operating range.
  - Transmitter's power become low, replace its batteries.
  - Vehicle's wheel may be lock by dirt, cleaning up is necessary.
- Vehicle running unusual**
- Transmitter's power become low, replace its batteries.
  - Vehicle might be interfere by other transmitter with the same frequency.
- Battery Note:**
- Non-rechargeable batteries are not to be recharged
  - Rechargeable batteries in transmitter are to be removed from the toy before being charged
  - Rechargeable batteries are only to be charged under adult supervision
  - Exhausted batteries are to be removed from the toys (for both charger and transmitter)
  - The supply terminals are not to be short-circuited

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.



P/N: 83-52300-SE100AO

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

**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:

- Repoint 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.