

## *INSTRUCTION MANUAL for 1:18 RADIO CONTROL ROCK CRAWLER*

### **IMPORTANT INFORMATION**

- Carefully read this manual for important safety information and operating instructions before using your Rock Crawler.
- This Rock Crawler is not intended for children under 6 years old.
- Battery pack is not charged when newly purchased. Battery pack must be charged for 8 hours for the first and second charges. Subsequent charges require only 4 hours.
- Even with proper care, the battery will not last forever. The life of the battery depends on how well you follow the Battery Charging instructions and the total number of hours the battery is used.
- While the battery is charging, the charger may become warm to the touch. This is normal, and does not indicate a problem.
- This toy must only be used with the recommended charger.
- Do not leave the Rock Crawler out in the rain or let your child wash it with soap and water.
- Do not store your vehicle near heat or in direct sunlight. Always turn switches OFF and remove all batteries for storage.
- This unit requires one 7.2V 600mAh rechargeable battery pack (included) for the vehicle and one 9 volt battery (not included) for the transmitter.
- Parental guidance is recommended when installing or replacing batteries.
- For the transmitter: New and alkaline batteries are recommended to use in this toy to obtain best and maximum performance.
- 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 operating the product.
- FCC Note: The manufacturer is not responsible for radio interference caused by unauthorized modifications to this equipment. Such modifications may void the user's authority to operate the equipment.

### **FEATURES**

- Full function radio control vehicle with forward, backward and steering.
- 4 band user selectable at each frequency.
- Flexible suspension and powerful steering for rock crawling.
- 2-speed gear shifting. ( High gear: Smooth surface or racing)

(Low gear: Rough surface or climbing)

## **CONTENTS**

- Rock Crawler vehicle
- Transmitter
- 7.2V 600mAh NiCd battery pack
- AC/DC charger
- Instruction manual

## **BATTERY CHARGING**

**Battery pack is not charged when newly purchased. Battery pack must be charged for 8 hours for the first and second charges. Subsequent charges require only 4 hours.**

1. Plug the charger into a standard 110/120V indoor electrical outlet.
2. Connect the battery pack and charger cables by snapping together the jack and the socket tightly. (see diagram)
3. After charging, the battery pack will be warm. This condition is normal for fully charged batteries. If the speed of the car slows down suddenly, it is time to recharge.
4. To disconnect cables, press down on the clip and pull apart. (see diagram)

### **CAUTION:**

- Do not recharge warm or hot battery packs. Wait 20 minutes until battery pack has cooled.
- Do not charge the battery that shows leakage or corrosion.
- Recharging near fire or high temperature is dangerous.
- Do not dispose of the batteries in fire.
- Always unplug battery pack when not in use.
- Always remove battery pack from vehicle before charging.
- Dispose of NiCd battery packs properly, do not disassemble.
- Do not use charger for any use other than instructed in directions.
- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are only to be charged by an adult.
- Do not mix different types of batteries or new and used batteries.
- Batteries are to be inserted with correct polarity.
- The supply terminals are not to be short-circuited.

**NOTE:** You may wish to purchase further rechargeable batteries and battery chargers for longer play sessions. See the order form for more details.

### **BATTERY INSTALLATION IN TRANSMITTER**

1. Unscrew the battery cover at the bottom of the transmitter and place a 9-volt battery inside following the engraved signs (see diagram).
2. Replace the battery cover.

### **BATTERY INSTALLATION IN VEHICLE**

1. Unscrew the battery cover at the bottom of the vehicle and place the battery pack inside the battery compartment.
2. Plug the battery connector into the motor harness connector.
3. Please note: if the battery connector will not plug into the motor harness connector, turn it over and try again! Do not force the battery connector into the motor harness connector.
4. Replace the battery cover by tightening the screw.

### **CARE, MAINTENANCE AND YOUR SAFETY**

It is recommended that this toy and all accessories be periodically examined for potential hazards and that any potentially hazardous parts be repaired or replaced.

- Always operate away from areas which can cause radio interference, (eg. power lines, tall buildings.)
- DO NOT operate near concrete walls which may disturb transmission.
- DO NOT drive car through water or in sand.
- DO NOT bend the antenna.
- Make sure ON/ OFF switch on your vehicle is in the "OFF" position when it is not in use.
- DO NOT leave the vehicle or transmitter near sources of heat or in direct sunlight for long periods of time.
- Remove the batteries from the vehicle and transmitter when they are not in use.
- Brush areas where dirt and dust get trapped.
- Wipe body off with a soft rag or damp cloth.
- DO NOT clean vehicle with chemicals or water.

Parents must pay serious attention to handling the rechargeable battery properly:

- DO NOT make direct contact between the battery terminals, as this can cause an explosion or fire.
- Battery should be charged ONLY by adults.
- Battery should be kept away from children.
- Battery should ONLY be charged by the charger shipped with this Rock Crawler.
- Battery should be placed in a well-ventilated area away from sparks, flames and smoke when charging.

Parents should also instruct 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.
- DO NOT operate your vehicle on the street. Avoid hitting people, pets or home furnishings.

## **HOW TO OPERATE THE ROCK CRAWLER**

1. Insert the batteries correctly inside battery compartment for vehicle and transmitter.
2. Set transmitter power button "ON/OFF" to "ON", the power indicator will light up. (Diagram)
3. Set vehicle power button "ON/OFF" to "ON". (Diagram)
4. Set transmitter channel to the same channel on the vehicle.(Diagram)
5. Extend the antenna of the transmitter to full length.
6. Switch both gear selection levers to either high or low position. (Diagram) If one is in HIGH position and one in LOW position, you may notice the vehicle may drag and not run smoothly.  
(LOW : Rough surface or climbing)  
(HIGH : Smooth surface or racing)

### **FORWARD RUNNING**

7. Pull the trigger backward to move the vehicle forward. (see diagram)
8. Pull trigger in further to increase speed.
9. Pull the trigger to full extension for fastest speed (see diagram).

### **DRIVING IN REVERSE**

10. Push the trigger of the transmitter forward (away from you). (see diagram)

### **STEERING OPERATION**

11. To make left or right-hand turns while driving forward, turn the steering wheel to left or right while pulling the trigger of the transmitter back, (towards you). (see diagram)

12. To make left or right-hand turns while driving in reverse, turn the steering wheel to left or right while pushing the trigger of the transmitter forward (away from you). (see diagram)

**STOP OPERATION**

13. Release the trigger to stop. (see diagram)

**TROUBLE SHOOTING**

Problem	Possible Cause	Correction
Vehicle runs slowly, or won't move, or won't steer	<ul style="list-style-type: none"> <li>• Batteries are dead or charge is low</li> <li>• Batteries are not placed in compartment correctly</li> <li>• Loose battery connection</li> <li>• Main power switch is not in "ON" position.</li> <li>• Hair, carpet or dirt might be trapped between wheels</li> <li>• Resettable fuse activated to cut the circuit and protect the product.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the battery polarity</li> <li>• Recharge vehicle battery</li> <li>• Replace transmitter battery</li> <li>• Check battery connection</li> <li>• Turn on power switch</li> <li>• Carefully remove such foreign materials</li> <li>• Clear the obstacle and wait for XX minutes to let the resettable fuse cool down and close the circuit again.</li> </ul>
Loss of control	<ul style="list-style-type: none"> <li>• Out of control range of distance</li> <li>• Weak vehicle battery</li> <li>• Weak transmitter battery</li> <li>• Radio interference</li> <li>• Another radio control vehicle using the same frequency and channel is</li> </ul>	<ul style="list-style-type: none"> <li>• Extend antenna fully. Point up in the air, not at vehicle. Do not touch antenna.</li> <li>• Recharge 7.2V NiCd battery pack and/or replace 9V (6LR61) alkaline battery in transmitter.</li> <li>• Move to another location</li> </ul>

	operated near your vehicle	<ul style="list-style-type: none"> <li>• Race against other vehicles using different frequencies or channel by switching the frequency selector at both the back of the transmitter and the vehicle inside.</li> </ul>
Vehicle stops working after going through water, mud or snow	<ul style="list-style-type: none"> <li>• Water in battery/ electronics/ motor areas</li> </ul>	<ul style="list-style-type: none"> <li>• Turn power switch off IMMEDIATELY, remove NiCd battery pack, dry inside and out with clean soft cloth and allow to dry overnight.</li> <li>• Avoid wet surface, puddles, rain and snow.</li> </ul>

## **APPENDIX**

### ***1. Technical Specifications***

Normal Operation Condition: 0-35C

Operation Voltage: 9V for transmitter  
7.2V for vehicle

Operation Current: XXX

Operation Duration: 25 minutes after the battery fully charged

Rechargeable battery: 7.2VDC 600mAh

Operation Frequencies: 27MHz

### ***2. FCC Statements***

This device complies with part 15 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.

#### **STATEMENT OF LIMITED WARRANTY**

***90-day limited warranty on the full function radio control Rock Crawler vehicle. 6-month limited warranty on the 7.2-volt battery included with the radio control Rock Crawler vehicle when originally purchased with the radio control Rock Crawler vehicle.***

This limited warranty covers the radio control Rock Crawler vehicle and 7.2-volt battery against defects in materials and workmanship.

This warranty covers normal use. It does not cover damage to the radio control Rock Crawler vehicle and/or battery arising from unreasonable neglect, accident, misuse or other causes unrelated to defects in material or workmanship.

Damage caused by operation in wet or sandy conditions is not covered by the guarantee.

This warranty does not cover, and is intended to exclude, any liability on the part of Funrise Toy Corp., manufacturer of radio control Rock Crawler vehicle. Whether under this warranty or implied by law, or any indirect or consequential damages for breach of warranty. Some states do not allow the exclusion or limitation so this limitation may not apply to you.

Should this radio control Rock Crawler vehicle require service during the warranty period, please contact Funrise Customer Service at 800-882-3808, for repair or replacement, or

via e-mail at [customerservice@funrise.com](mailto:customerservice@funrise.com). Consumers located outside the U.S. and Canada toll-free calling area, please dial 1-818-883-2400.

This warranty gives you specific legal rights, and you may also have other rights, which may vary from state to state.

**PLEASE SAVE YOUR ORIGINAL SALES RECEIPT.**

NOTE:

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER AUTHORITY TO OPERATE THE EQUIPMENT.