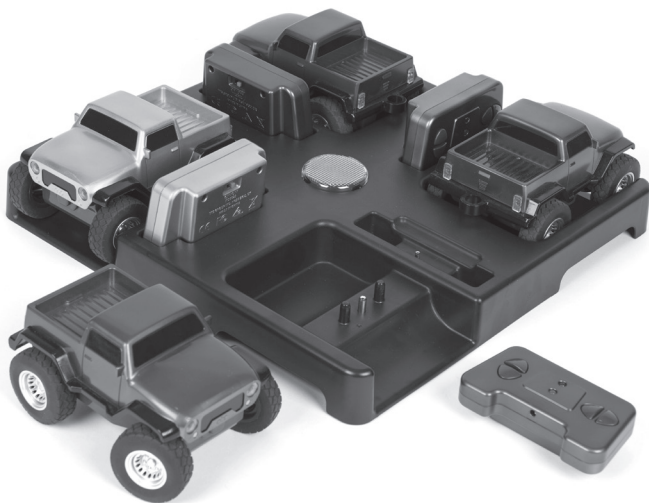




# Rugged Racers 2™

Rechargeable Remote Control Cars  
with 4 Button Control



## User Guide

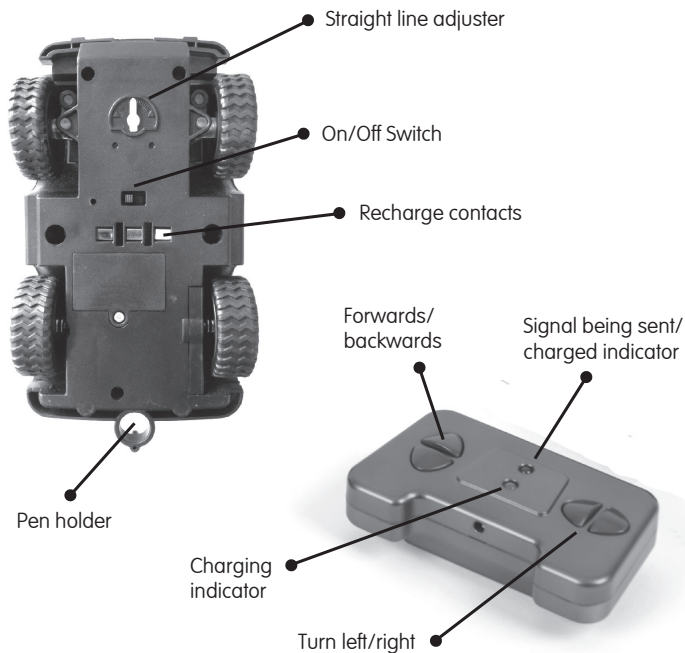
[www.tts-group.co.uk](http://www.tts-group.co.uk)



## Contents of Pack

- 4 x Rugged Racers
- 4 x Remote Controls
- Docking station
- Multi-Charging adaptor

## Know Your Rugged Racers



# Rugged Racers 2™

## Using Your Rugged Racers

- Your Rugged Racers have been designed so that they can all operate simultaneously. They use four separate channels on 2.4G frequency. If you have more than 4 x Rugged Racers, you will have to use them in separate rooms because all similar colours operate on the same channel.
- To switch the Rugged Racers on, move the slide switch under the cars to the ON position.
- To switch the Remote Control on, move the slide switch on the reverse side to the ON position.
- Press the top left button on the Remote Control to move the Rugged Racers of the same colour forwards.
- Press the lower left button on the Remote Control to move the Rugged Racers of the same colour backwards.
- Press the right button on the Remote Control to move the Rugged Racer of the same colour right.
- Press the left button on the Remote Control to move the Rugged Racer of the same colour left.
- The colour of the Remote Control must match the colour of the Rugged Racer for it to work.
- If the Rugged Racers do not move forwards in a straight line, adjust the straight line adjuster.
- When the batteries are low, the Rugged Racers will operate intermittently. Place them into the docking station to charge the batteries.



## **LED Status**

Your Rugged Racers and Remote Controllers have lights and LEDs that give the user information about charging and product usage.

### **Car**

- Front lights on - power is on
- Back lights on - power is on and car is reversing
- Back lights on when docked - car is charging

### **Remote**

- Green LED on - signal being sent to car
- Green LED on when docked - Remote is fully charged
- Red LED on when docked - Remote is charging

## **Recharging your Rugged Racers & Remotes**

- Insert the Battery Charger cable into the charging socket underneath the docking station.
- Plug the Battery Charger into a wall socket.
- Place the Rugged Racers and Remote Controllers into the docking station.
- The LEDs on the car will light red when there is less than 30% battery life.
- The LEDs on the car will light red + yellow when there is 30-70% battery life.
- All LEDs will light on the car when there is 70-100% battery life.
- Whilst charging the LEDs on rear will light up from bottom to top.
- When fully charged all LEDs will light up.
- The LEDs on the controllers will flash red when they need charging.
- The LEDs on the controllers will light red when charging.
- The LEDs on the controllers will light green when fully charged.
- It may take 3-4 hours to fully charge.

# Rugged Racers 2™

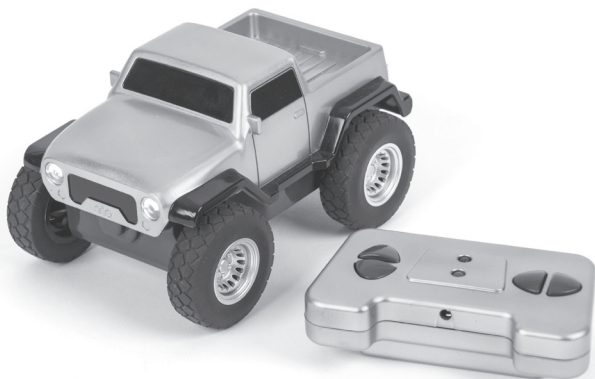
## Important Information

### Battery Precautions

Rugged Racers and Remote Controls are powered by Lithium batteries which are not user replaceable.

### Care & Maintenance

- If necessary, wipe the Rugged Racers gently with a clean damp cloth.
- Keep the Rugged Racers away from direct sunlight and heat.
- Do not allow the Rugged Racers to come into contact with water or other liquids.
- Please retain the information in this User Guide for future reference.
- In the event of an electrostatic discharge, your Rugged Racer may malfunction. In this case, please switch it off and then back on again to reset it.





## **International Charging Adaptor**

The Rugged Racers are supplied with a multi-region adaptor. The adaptor is supplied with the UK plug fitted but you can change this easily to suit any country.

Press the release button behind the plug head and slide the UK plug out and replace with the required plug module. Slide the plug module in until it 'clicks' in place securely.

The battery charger to be used with the product should be regularly examined for potential hazards such as damage to the cable, cord, plug, enclosure or other parts. In the event of any damage, the adaptor must not be used until the damage has been properly repaired.

The toy is not intended for children under 3 years old.

**WARNING:** Do not dispose of this product in household waste. Hand it over to a collection point for recycling electronic appliances.

# Rugged Racers 2™

## Specification

Item	Specification
Range	up to 30 meters
Frequency	2.4G
Speed of movement	0.5m/sec (depends on battery condition)
Batteries	
Remote Controls	lithium battery 400MAH 3.7VDC
Rugged Racers	lithium battery 400MAH 3.7VDC
Battery Life	approx. 60 minutes in normal use (depending on the amount of movement)

## Troubleshooting

Problem	Solution
Rugged Racers does not move	Ensure power switch is "ON"
Lights come on, but no movement	Ensure the batteries are charged Recharge the batteries
Car doesn't travel straight	Adjust the straight-line adjuster Check for dirt in the wheels



## Warranty & Support

This product is provided with a one year warranty for problems found during normal usage. Mistreating the Rugged Racers or opening the unit will invalidate this warranty. Any data stored on the unit and any consequential loss is not covered by this warranty. The battery is not user replaceable.

## Technical Support

Please visit [www.tts-group.co.uk](http://www.tts-group.co.uk) for the latest product information.

Email [feedback@tts-group.co.uk](mailto:feedback@tts-group.co.uk) for technical support.

TTS Group Ltd.  
Park Lane Business Park  
Kirkby-in-Ashfield  
Nottinghamshire  
NG17 9GU, UK.  
Freephone: 0800 318686 Freefax: 0800 137525

**WARNING:** Do not dispose of this product in household waste.

**WARNING:** Hand it over to a collection point for recycling electronic appliances.

**WARNING:** Not suitable for children under 36 months due to small parts - choking hazard.

Made in China, on behalf of TTS Group Ltd.

TTS Product Code:

**IT10021**



TTS is proud to be part of **RM** plc