

## Trailer Valet RVR3

# Trailer Valet RVR3 Remote-Controlled Trailer Mover User Manual

Model: RVR3

## 1. INTRODUCTION

The Trailer Valet RVR3 is a remote-controlled trailer mover designed to assist in maneuvering trailers weighing up to 3,500 pounds. This device provides precise control for positioning boats, RVs, and other light cargo trailers in confined spaces or on challenging terrain. It features a dual motor drive system, a built-in rechargeable battery, and a wireless remote control for ease of use.

Please read this manual thoroughly before operating the RVR3 to ensure safe and efficient use.

## 2. SAFETY INFORMATION

- Always operate the RVR3 on a level surface. Avoid inclines greater than 5%.
- Ensure the trailer's wheels are chocked when connecting or disconnecting the RVR3.
- Maintain a safe distance from the trailer and RVR3 during operation.
- Do not exceed the maximum towing capacity of 3,500 pounds or tongue weight capacity of 175-350 pounds.
- Keep children and pets away from the operating area.
- Do not operate the RVR3 if any components are damaged or malfunctioning.
- The RVR3 is designed to push trailers up to a 5% grade. Do not attempt to pull a unit up an incline with the RVR3 mover.
- Avoid using on soft, loose, sandy, muddy, rocky, or extremely bumpy ground as this can reduce functionality and traction.

## 3. PACKAGE CONTENTS

Verify that all components are present in your RVR3 package:

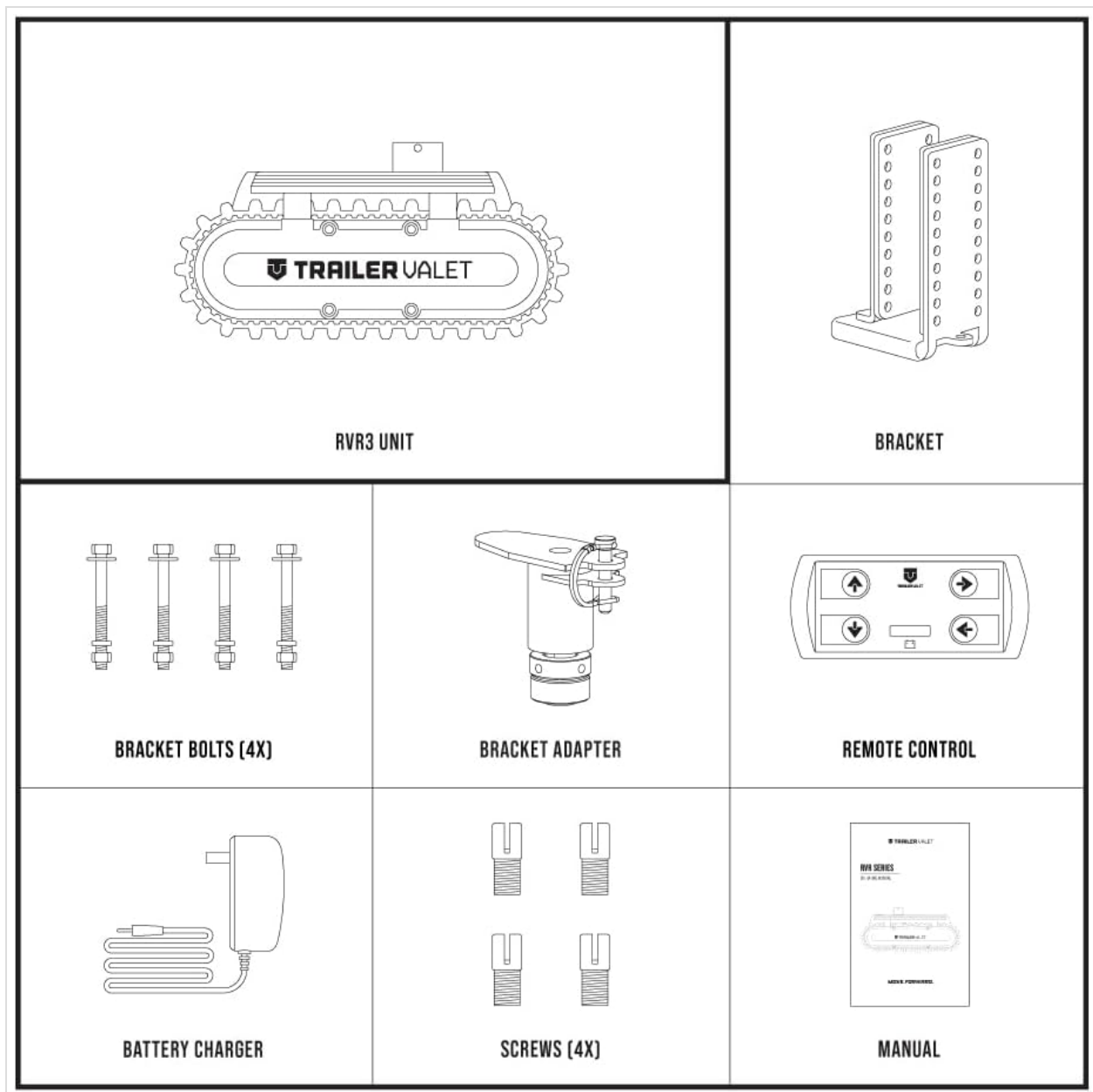


Image: The Trailer Valet RVR3 unit with its low tower bracket attached, ready for assembly.

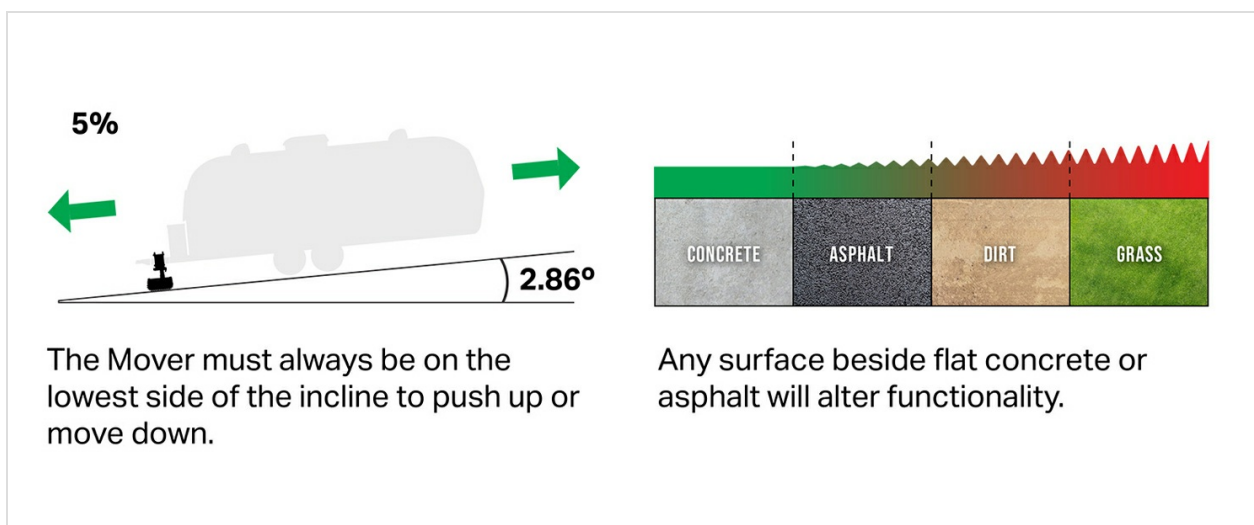


Image: A diagram illustrating the various components included in the RVR3 package, such as the RVR3 unit, bracket, bracket bolts, bracket adapter, remote control, battery charger, and screws.

- RVR3 Unit
- Low Tower Bracket

- Bracket Bolts (4x)
- Bracket Adapter
- Remote Control
- Battery Charger
- Screws (4x)
- User Manual

## 4. SETUP

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### 4.1 Charging the Battery

Before first use, fully charge the RVR3's built-in 14.8V lithium-ion battery using the provided charger. Connect the charger to the RVR3 and a standard power outlet. The charging indicator will show the battery status. A full charge provides approximately 30 minutes of continuous runtime. The battery automatically shuts off after three minutes of inactivity to conserve energy.

### 4.2 Attaching the Low Tower Bracket

The RVR3 comes with a low tower bracket system. Securely attach this bracket to your trailer's frame using the provided bolts and screws. Ensure the bracket is mounted firmly and is compatible with your trailer's tongue weight (175-350 lbs).

### 4.3 Connecting the RVR3 to Your Trailer

Position the RVR3 unit directly under your trailer's hitch. Carefully lower the trailer's coupler onto the RVR3's bracket adapter, ensuring a secure and tight fit. Refer to the QuickStart Guide for detailed connection instructions to ensure proper engagement.

# EFFORTLESS CONTROL AT YOUR FINGERTIPS



Our **wireless, remote-controlled** mover lets you steer from up to **40 feet away!**

Image: The Trailer Valet RVR3 unit securely connected to the hitch of a trailer, demonstrating proper attachment.

## Remote-Controlled Trailer Mover



Image: A diagram illustrating recommendations for optimal functionality, including the use of a wheel dolly for dual-axle trailers and proper connection procedures.

## 5. OPERATION

## 5.1 Using the Remote Control

The RVR3 is operated via a wireless remote control with a range of up to 40 feet. This allows you to walk around your trailer for complete 360-degree visibility during movement.

- **Forward/Backward:** Use the directional buttons to move the RVR3 and trailer forward or backward.
- **Turning:** The RVR3 can turn by moving one track forward and the other backward. It must be in motion to initiate a turn.
- **Stopping:** Release the directional buttons to stop movement.

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**Trailers**



**RV Campers**



**Cargo & Utility**



**Boat Trailers**



**Food or  
BBQ Trailers**



**And More!**

Image: A user holding the remote control, maneuvering a trailer with the Trailer Valet RVR3, demonstrating wireless operation.

## 5.2 Movement Guidelines

- **Surface Conditions:** The RVR3 performs best on packed, even terrain such as concrete and pavement. Functionality may be altered on dirt or grass. Avoid soft or loose surfaces.
- **Inclines:** The RVR3 is designed to push trailers up to a 5% grade. When moving on an incline, the mover must always be on the lowest side of the incline to push up or move down. Higher grades can reduce capacity and control.
- **Dual Axle Trailers:** For dual axle trailers, using a wheel dolly to lift a set of axle wheels can improve



viability, though it may still reduce overall functionality.

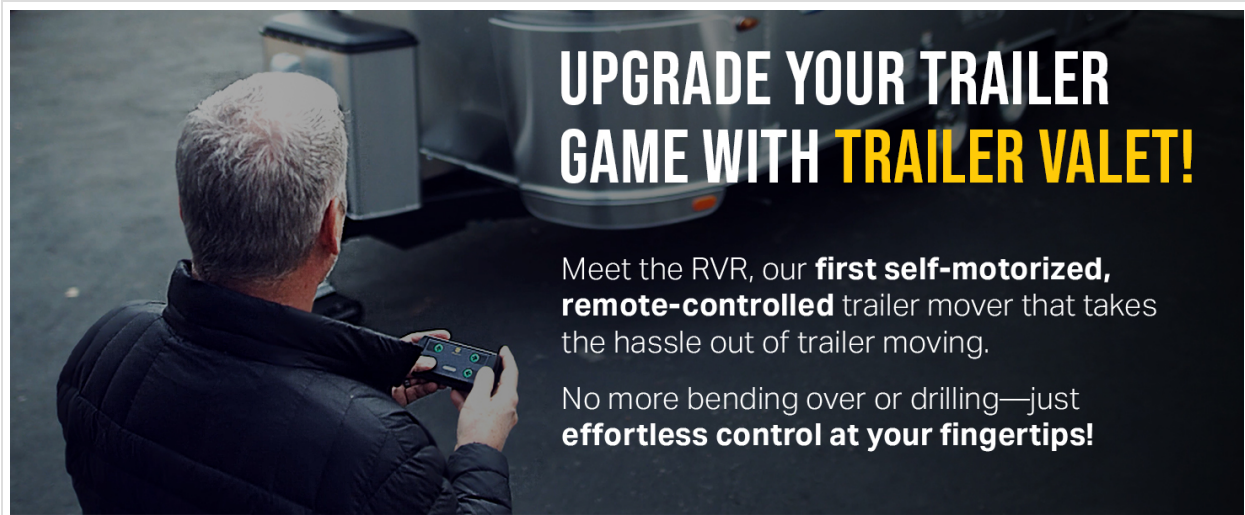


Image: A diagram showing the recommended maximum incline of 5% and illustrating how different surfaces (concrete, asphalt, dirt, grass) can affect the RVR3's performance.

## 6. MAINTENANCE

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- **Battery Care:** Recharge the battery after each use and before long-term storage. Do not allow the battery to fully discharge for extended periods.
- **Cleaning:** Keep the RVR3 unit clean, especially the caterpillar treads, to ensure optimal traction. Use a damp cloth to wipe down the aluminum body. Avoid using harsh chemicals.
- **Storage:** Store the RVR3 in a dry, protected area when not in use. Its compact, corrosion-resistant aluminum body is designed for outdoor durability, but protection from extreme weather is recommended.
- **Inspection:** Regularly inspect the unit for any signs of wear, damage, or loose components. Ensure all bolts and connections are secure.

## 7. TROUBLESHOOTING

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### 7.1 Common Issues and Solutions

- **Unit Not Responding:**
  - Check battery charge level.
  - Ensure remote control battery is functional.
  - Verify the RVR3 is powered on.
- **Loss of Traction:**
  - Ensure operation on a firm, level surface (concrete or asphalt).
  - Clean debris from the caterpillar treads.
  - Reduce trailer load if exceeding capacity.
- **Unit Tips or Lifts:**
  - Ensure the long side of the RVR is positioned against the direction of movement, especially on inclines.
  - Verify the hitch connection is properly tightened and secure.

- Do not exceed the recommended tongue weight.
- **Reduced Runtime:**
  - Fully charge the battery.
  - Battery performance may decrease in cold temperatures.
  - Battery may be nearing end of life and require replacement.

If issues persist, contact Trailer Valet customer support.

## 8. SPECIFICATIONS



Image: A diagram summarizing the key features and specifications of the Trailer Valet RVR3, including towing capacity, battery, motors, and materials.

Model	RVR3
Towing Capacity	3,500 lbs
Tongue Weight Capacity	175 - 350 lbs
Wireless Range	Up to 40 feet
Battery	14.8V Lithium-ion, rechargeable
Continuous Runtime	Approx. 30 minutes
Auto Shutoff	3 minutes of inactivity
Motors	Dual high-torque planetary motors
Material	Aluminum body
Dimensions (L x W x H)	15" x 21" x 17" (Product Dimensions)
Item Weight	55 lbs
UPC	859827006197

## 9. WARRANTY AND SUPPORT

For warranty information, product registration, or technical assistance, please visit the official Trailer Valet website or contact their customer support directly. Keep your purchase receipt for warranty claims.

**Online Resources:**

- Official Trailer Valet Website: [www.trailervalet.com](http://www.trailervalet.com)
- User Guide (PDF): [Download User Guide](#)