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Gator GRR-4L

Gator Cases GRR-4L Lightweight Rolling 4U Rack Case User Manual

Model: GRR-4L | Brand: Gator Cases

1. INTRODUCTION

The Gator Cases GRR-4L is a lightweight rolling 4U rack case designed for robust protection and easy transport of your rack-mountable equipment. Constructed from durable polyethylene with aluminum valance, it safeguards gear from impacts and environmental factors. This manual provides essential information for the proper setup, operation, and maintenance of your GRR-4L rack case.

Key Features:

- Lightweight ABS Construction
- Retractable Tow Handle and Recessed Wheels for easy mobility
- Heavy-Duty Twist Latches for secure closure
- Standard 19-inch, threaded, and field-replaceable 7mm zinc-plated steel rack rails
- Removable Front and Rear covers for full access to rack rails
- 19.25-inch Rackable Depth
- 4U Rack Size (7 inches)

2. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your GRR-4L rack case:

- **Case Body:** The main polyethylene structure providing protection.
- **Front and Rear Covers:** Removable covers secured by latches, protecting the front and back of your equipment.
- **Heavy-Duty Twist Latches:** Mechanisms on the sides of the case that secure the covers.
- **Recessed Side Handles:** Integrated handles for comfortable lifting.
- **Retractable Tow Handle:** A pull-out handle for rolling the case.
- **Recessed Wheels:** Durable wheels for easy transport.
- **Rack Rails:** Internal 7mm zinc-plated steel rails for mounting equipment.



HEAVY-DUTY

**TWIST LATCHES
KEEP YOUR GEAR SECURE**

Heavy-Duty Twist Latches ensure secure closure of the rack case.

COMFORTABLE, RECESSED SIDE HANDLES

OFFER A FIRM GRIP



Recessed Side Handles offer a firm and comfortable grip for lifting.

3. SETUP

Follow these steps to set up your GRR-4L rack case and install your equipment:

1. **Remove Covers:** Place the rack case on a stable surface. Unlock and unlatch the heavy-duty twist latches on both sides of the front and rear covers. Carefully remove both covers.
2. **Access Rack Rails:** With the covers removed, the internal 19-inch rack rails are exposed. These rails are threaded for 7mm rack screws.
3. **Install Equipment:** Align your 4U rack-mountable equipment with the rack rails. Use the included 32 Gator Rack Screws to securely fasten your equipment to the front and/or rear rails. Ensure all equipment is firmly mounted to prevent movement during transport.
4. **Cable Management:** Route all necessary cables for your equipment. Consider using cable ties or other management solutions to keep cables tidy and prevent strain.

5. **Replace Covers:** Once all equipment is installed and cabled, reattach the front and rear covers. Ensure the covers are properly aligned and securely fasten all heavy-duty twist latches.



The rack case with covers removed, ready for equipment installation.

THREADED FIELD REPLACEABLE 7MM ZINC-PLATED STEEL RACK RAILS



Detailed view of the 7mm steel rack rails for secure mounting.

4. OPERATION

The GRR-4L is designed for easy transport. Utilize its features for convenient mobility:

- **Rolling the Case:** Extend the retractable tow handle located on one side of the case. Tilt the case slightly to engage the recessed wheels and pull the case behind you.
- **Carrying the Case:** For shorter distances or when navigating stairs, use the recessed side handles for a firm and comfortable grip.
- **Stacking:** The case features an interlocking design allowing multiple GR series cases to be stacked securely. Ensure the cases are properly aligned before stacking.



Extend the retractable tow handle for easy rolling transport.

CONVENIENT PULL-OUT HANDLE AND ROLLER BLADE-STYLE RECESSED WHEELS



The recessed wheels provide smooth mobility.

[Video: Gator GRR-10L Rack Case Features \(Applicable to GRR-4L\)](#)

Your browser does not support the video tag.

This video demonstrates the key features of a Gator GRR series rack case, including removable front and back lids, 7mm steel-plated rack rails, and the collapsible handle with inline wheels. These features are also present in the GRR-4L model.

[Video: Gator G-PRO Molded Audio Racks Overview](#)

Your browser does not support the video tag.

This video highlights the robust construction, tow handle and wheels, interlocking design, recessed twist latches, and included rack screws of the Gator G-PRO molded audio rack series, to which the GRR-4L belongs.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your rack case:

- **Cleaning:** Wipe down the exterior of the case with a damp cloth and mild soap as needed. Avoid harsh chemicals that could damage the polyethylene.
- **Latch Inspection:** Periodically check the heavy-duty twist latches for any signs of wear or damage. Ensure they operate smoothly and securely.
- **Handle and Wheel Check:** Inspect the retractable tow handle and recessed wheels for smooth operation. Clean any debris from the wheel mechanisms.
- **Rack Rail Integrity:** Ensure all rack screws are tight and the rack rails are free from bends or damage. Replace any damaged rack screws.

6. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

- **Latches Not Securing:** Ensure the covers are correctly aligned with the case body. Check for any obstructions preventing the latches from fully engaging. If a latch is damaged, contact support for replacement parts.
- **Tow Handle Sticking:** Clean the retractable handle mechanism to remove any dirt or debris. Apply a small amount of silicone-based lubricant if necessary.
- **Wheels Not Rolling Smoothly:** Inspect wheels for debris (hair, dirt) and remove. If wheels are damaged, they may need replacement.
- **Equipment Not Fitting:** Verify that your equipment is standard 19-inch rack-mountable and does not exceed the 4U height or 19.25-inch depth. Ensure rack ears are properly attached to your equipment.

7. SPECIFICATIONS

| Feature | Detail |
|---------------------------------|---|
| Model Number | GRR-4L |
| Rack Units (U) | 4U |
| Rackable Depth | 19.25 inches |
| Exterior Dimensions (L x W x H) | 23 x 22.4 x 12.1 inches |
| Body Material | Polyethylene (ABS Construction) |
| Rack Rail Material | 7mm Zinc-Plated Steel |
| Color | Black |
| Mobility | Retractable Tow Handle, Recessed Wheels |
| Included Accessories | 32 Gator Rack Screws |

Note: The listed item weight of 0.268 ounces appears to be a data anomaly. The actual weight of a 4U rolling rack case is significantly higher.

PRODUCT DIMENSIONS

| | |
|-------------------------------|-------------------------------|
| <i>INTERIOR LENGTH: 16.5"</i> | <i>EXTERIOR LENGTH: 23.3"</i> |
| <i>INTERIOR WIDTH: 19"</i> | <i>EXTERIOR WIDTH: 22.24"</i> |
| <i>INTERIOR HEIGHT: 7"</i> | <i>EXTERIOR HEIGHT: 9.5"</i> |

RACK UNITS: 4U



Product dimensions for planning and compatibility.

8. WARRANTY AND SUPPORT

Gator Cases products are designed for durability and protection. For specific warranty information and support inquiries, please refer to the official Gator Cases website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.