

Next Level Racing NLR-S041

Next Level Racing GTLite Junior Simulator Cockpit User Manual

Model: NLR-S041

1. INTRODUCTION

Thank you for choosing the Next Level Racing GTLite Junior Simulator Cockpit. This manual provides essential information for the proper setup, operation, and maintenance of your new simulator cockpit. Please read this manual thoroughly before assembly and use to ensure optimal performance and safety.

The GTLite Junior is specifically designed for young racing enthusiasts aged 5-12 years, offering a lightweight, foldable, and highly adjustable platform for an immersive and comfortable sim racing experience. It is compatible with a wide range of entry-level sim racing wheels and pedals.



Figure 1.1: The Next Level Racing GTLite Junior Simulator Cockpit in its assembled state, showcasing its compact and ergonomic design. This image provides a general overview of the product.

2. SAFETY INFORMATION

Always ensure the cockpit is placed on a stable, level surface before use. Supervise young users during assembly and operation. Keep all small parts and packaging materials away from children to prevent choking hazards. Do not modify the product in any way not specified in this manual.

- Ensure all locking mechanisms are securely fastened before use.
- Do not exceed the recommended weight limits for attached peripherals.
- Keep hands and fingers clear of moving parts during adjustment.
- Regularly inspect the cockpit for any signs of wear or damage. Discontinue use if damage is found.

3. PACKAGE CONTENTS

Verify that all components listed below are present in your package. If any parts are missing or damaged, please contact Next Level Racing customer support.

- GTLite Junior Cockpit Frame (pre-assembled sections)
- GTLite Junior Seat with breathable mesh
- Steering Wheel Plate
- Pedal Plate
- Assembly Hardware Kit (bolts, nuts, washers, tools)
- Instruction Manual



Figure 3.1: Rear view of the GTLite Junior cockpit, showing the folding mechanism and seat attachment points. This perspective helps in identifying the main structural components.

4. SETUP AND ASSEMBLY

The GTLite Junior is designed for quick and easy assembly. Follow these steps carefully:

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out on a clean, flat surface.
2. **Attach Seat:** Secure the GTLite Junior seat to the main frame using the provided bolts and tools. Ensure the seat is oriented correctly.
3. **Install Steering Wheel Plate:** Attach the steering wheel plate to the front frame section. This plate is adjustable for height and angle.
4. **Mount Pedal Plate:** Connect the pedal plate to the lower front frame. This plate also offers angle and distance adjustments.
5. **Attach Peripherals (Optional):** Mount your compatible sim racing wheel and pedals to their respective plates using the hardware provided with your peripherals.



*ELECTRONICS NOT INCLUDED

Figure 4.1: The GTLite Junior cockpit with a racing wheel and pedals mounted, demonstrating a typical setup. Note that electronics are not included with the cockpit.



Figure 4.2: Close-up of a user adjusting a locking mechanism on the cockpit frame. The red levers indicate tool-free adjustment points for quick setup changes.

5. OPERATING AND ADJUSTMENTS

The GTLite Junior offers various adjustments to ensure a comfortable and ergonomic fit for users aged 5-12 years.

5.1. Adjusting the Cockpit

- **Backrest Adjustment:** The seat backrest can be reclined or brought forward. Locate the adjustment levers on the side of the seat frame.
- **Steering Wheel Plate Adjustment:** The steering wheel plate can be adjusted for height and angle. Loosen the quick-release levers, set to the desired position, and re-tighten securely.
- **Pedal Plate Adjustment:** The pedal plate allows for angle and distance adjustments to accommodate different leg lengths and pedal types. Use the quick-release mechanisms to set the optimal position.



Figure 5.1: An illustration highlighting the various adjustment points on the GTLite Junior cockpit, including angle, height, and distance settings for personalized comfort.

5.2. Folding for Storage

The GTLite Junior features a foldable design for easy storage, even with electronics attached.

1. **Remove Peripherals (Optional):** For the most compact storage, you may wish to remove your racing wheel and pedals.
2. **Release Locking Mechanisms:** Identify the red quick-release levers on the frame. Release these levers to allow the frame to fold.
3. **Fold Cockpit:** Carefully fold the cockpit inward until it reaches its compact storage position. Ensure all parts are clear of pinch points.
4. **Secure for Storage:** If available, use any integrated straps or clips to secure the folded cockpit.

6. MAINTENANCE

Regular maintenance will prolong the life of your GTLite Junior cockpit.

- **Cleaning:** Wipe down the frame with a damp cloth. For the fabric seat, use a mild fabric cleaner if necessary. Avoid harsh chemicals.
- **Inspection:** Periodically check all bolts, nuts, and quick-release levers to ensure they are tight and secure. Retighten as needed.
- **Storage:** Store the cockpit in a dry, cool place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cockpit feels unstable or wobbly.	Loose connections or uneven surface.	Ensure all bolts and quick-release levers are securely tightened. Place the cockpit on a flat, stable floor.
Difficulty adjusting components.	Adjustment levers not fully disengaged or mechanism is stiff.	Ensure quick-release levers are fully loosened. Apply a small amount of silicone lubricant to moving parts if stiff.
Peripherals (wheel/pedals) do not fit.	Incompatible peripheral model or incorrect mounting.	Verify your peripherals are compatible with the GTLite Junior. Refer to your peripheral's manual for mounting instructions.

If you encounter issues not listed here, please contact Next Level Racing customer support for assistance.

8. SPECIFICATIONS

Feature	Detail
Model Number	NLR-S041
Recommended Age	5-12 years
Product Dimensions (L x W x H)	12.91 x 8.98 x 3.07 inches (folded/packaged)
Product Weight	28.7 pounds (13 kg)
Compatibility	Wide range of entry-level sim racing wheels and pedals
Key Features	Foldable design, adjustable backrest, steering wheel plate, pedal plate, comfortable mesh seat

9. WARRANTY INFORMATION

Next Level Racing products come with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Next Level Racing website. Keep your proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

For technical support, missing parts, or warranty inquiries, please contact Next Level Racing customer support:

- **Website:** nextlevelracing.com/support
- **Email:** Refer to the website for contact email.
- **Phone:** Refer to the website for contact phone numbers.

Please have your model number (NLR-S041) and proof of purchase ready when contacting support.

