

GT OMEGA Apex

GT OMEGA Apex Racing Wheel Stand User Manual

1. INTRODUCTION AND OVERVIEW

This manual provides comprehensive instructions for the assembly, operation, maintenance, and troubleshooting of your GT OMEGA Apex Racing Wheel Stand. Designed for sim racing enthusiasts, this stand offers a stable and adjustable platform for your racing peripherals, enhancing your immersive gaming experience.

The GT OMEGA Apex Racing Wheel Stand features a robust Y-frame design constructed from steel box tubing, ensuring rigidity and durability. Its foldable and compact nature allows for convenient storage without requiring the removal of your racing equipment. The stand is highly adjustable, offering customizable height and tilt for the wheel and pedal plates, along with versatile mounting options for a gear shifter.



Figure 1.1: The GT OMEGA Apex Racing Wheel Stand in its assembled state, showcasing its robust design.

Key Features:

- **Compatibility:** Designed to fit a wide range of racing wheels and pedals, including Logitech G2923, G29, G27, G25, G920, G923, Thrustmaster T500RS, T300RS, TX Ferrari 458, and Fanatec ClubSport.
- **Adjustability:** Features height and tilt adjustments for the wheel and pedal plates, allowing for optimal comfort and ergonomic positioning.
- **Foldable Design:** Easily folds for compact storage, making it suitable for environments with limited space.
- **Sturdy Construction:** Built with a steel Y-frame for exceptional stability and endurance during intense racing sessions.
- **Shifter Mount:** Includes a mountable gear shifter plate with left and right-hand side positioning options.
- **ChairLink:** An included attachment to connect your gaming chair to the stand for added stability.



Figure 1.2: Diagram highlighting the versatile adjustment options, height adjustment, adjustable steering and pedal plates, and the included ChairLink feature of the Apex Wheel Stand.

2. SETUP INSTRUCTIONS

Follow these steps to assemble your GT OMEGA Apex Racing Wheel Stand and mount your racing peripherals.

2.1 Unpacking and Component Identification

1. Carefully unpack all components from the box.
2. Verify that all parts are present according to the packing list (refer to the manufacturer's included documentation for a detailed list).
3. Keep all fasteners (nuts, bolts, washers) organized, as various types are provided for different peripheral mounting configurations.

2.2 Stand Assembly

The main frame of the Apex Wheel Stand comes largely pre-assembled. Focus on unfolding and securing the frame components.

1. Unfold the main frame of the stand. Ensure all pivot points are correctly aligned.
2. Secure the frame in its open position using the provided tension knobs or locking mechanisms. Ensure these are tightened firmly to prevent movement during use.
3. Attach the rubber feet to the base of the stand. These protect your floor and provide additional grip. Adjust their height if necessary to ensure the stand is level.

2.3 Mounting Racing Peripherals

The stand is designed with pre-drilled holes for direct mounting of compatible racing wheels, pedals, and shifters.

1. **Wheel Mounting:** Place your racing wheel onto the wheel plate. Align the mounting holes on your wheel with the corresponding holes on the stand's wheel plate. Secure the wheel using the bolts and nuts provided by GT OMEGA or those that came with your racing wheel. Tighten securely.
2. **Pedal Mounting:** Position your pedal set onto the pedal plate. Align the mounting holes and secure the pedals using the appropriate fasteners. Ensure the pedals are firmly attached to prevent sliding during use.
3. **Shifter Mounting:** Attach the shifter mount arm to either the left or right side of the main frame, depending on your preference. Secure the shifter plate to the arm, then mount your gear shifter onto the plate. Ensure all connections are tight.

GT Omega
RACING

STAND ONLY!
Shifter Mount Included



Wheel, Pedal & Shifter Not Included

Figure 2.1: The Apex Racing Wheel Stand shown with a racing wheel, pedal set, and gear shifter mounted. Note that these peripherals are sold separately.

2.4 ChairLink Attachment

The included ChairLink helps to prevent your office or gaming chair from rolling away during intense racing sessions.

1. Position the ChairLink attachment on the floor behind the pedal plate.
2. Roll the front wheels of your chair onto the ChairLink. This creates a stable connection between your chair and the wheel stand.



Figure 2.2: The Apex Racing Wheel Stand set up with a gaming chair, demonstrating the use of the ChairLink for enhanced stability. Chair and other accessories are not included.

3. OPERATING INSTRUCTIONS

Once assembled, the GT OMEGA Apex Racing Wheel Stand offers various adjustments to optimize your racing setup.

3.1 Adjusting Wheel and Pedal Positions

- **Wheel Height and Tilt:** Loosen the tension knobs on the vertical supports of the wheel plate. Adjust the wheel plate to your desired height and tilt angle. Re-tighten the knobs firmly to secure the position.
- **Pedal Plate Angle:** The pedal plate can be adjusted for angle. Loosen the relevant fasteners, set the desired angle, and re-tighten. For significant pedal position changes, you may need to re-mount the pedals to different holes on the plate.

3.2 Folding for Storage

The Apex Wheel Stand is designed to fold compactly without needing to remove your peripherals.

1. Ensure all cables are clear and will not be pinched during folding.
2. Loosen the main locking mechanisms that secure the stand in its open position.
3. Gently fold the stand. The swing-arm design of the pedal board allows it to slide forward, enabling the frame to collapse.
4. Once folded, the stand can be stored upright. Re-tighten any loose knobs to prevent components from swinging open unexpectedly.



Figure 3.1: Visual guide demonstrating how the Apex Racing Wheel Stand folds for compact storage, highlighting the adjustable wheel deck, mountable shifter, and included ChairLink.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your GT OMEGA Apex Racing Wheel Stand.

- **Cleaning:** Wipe down the stand with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners or solvents that could damage the finish.
- **Fastener Check:** Periodically check all bolts, nuts, and tension knobs to ensure they remain tight. Retighten any loose fasteners to maintain stability and prevent unwanted movement.
- **Cable Management:** Ensure all peripheral cables are neatly routed and secured using cable ties (Velcro ties are often included) to prevent snagging or damage.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your racing wheel stand.

5.1 Stand Instability or Wobble

- **Check Fasteners:** Ensure all assembly bolts, especially those at pivot points and frame connections, are fully tightened.
- **Leveling Feet:** Verify that the adjustable rubber feet are properly installed and adjusted to ensure the stand is level on your floor surface.
- **Peripheral Mounting:** Confirm that your racing wheel, pedals, and shifter are securely mounted to their respective plates. Loose peripherals can contribute to perceived instability.

5.2 Shifter Mount Looseness

- **Tighten Shifter Plate:** Ensure the bolts securing the shifter plate to the shifter arm are fully tightened.
- **Tighten Arm to Frame:** Verify that the shifter arm is securely attached to the main stand frame.
- **Heavy Shifters:** For heavier shifters, consider adding washers or additional reinforcement if available, as suggested by some users, to enhance stability.

5.3 Difficulty Folding/Unfolding

- **Loosen Knobs:** Ensure all tension knobs or locking mechanisms are sufficiently loosened before attempting to fold or unfold.
- **Clear Obstructions:** Check for any cables or objects that might be obstructing the folding mechanism.

6. SPECIFICATIONS

Feature	Detail
Model	Apex Racing Wheel Stand
Brand	GT OMEGA
Material	Steel Box Tubing
Product Dimensions (L x W x H)	27.17 x 22.05 x 26.38 inches (approx. 69 x 56 x 67 cm)

Feature	Detail
Item Weight	35.2 pounds (approx. 16 kg)
Compatibility	Logitech G2923, G29, G27, G25, G920, G923; Thrustmaster T500RS, T300RS, TX Ferrari 458; Fanatec ClubSport
Adjustability	Height and tilt for wheel/pedal plates, left/right shifter mounting
Special Features	Foldable, Compact Storage, Y-Frame Design, ChairLink Included

DIMENSIONS

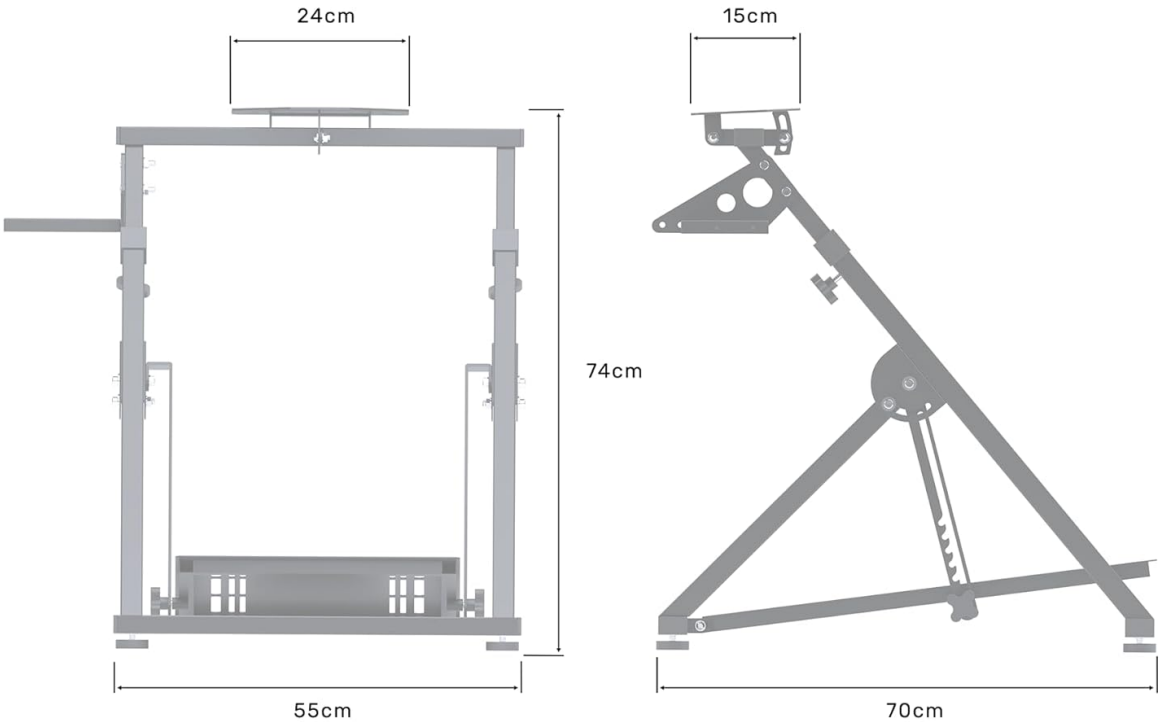


Figure 6.1: Technical diagram illustrating the dimensions of the Apex Racing Wheel Stand in both folded and unfolded states.

7. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official GT OMEGA website. Warranty terms and conditions may vary by region and product.

If you require technical assistance, have questions about assembly, or need to report a missing/damaged part, please contact GT OMEGA customer support directly. Contact details can typically be found on the

manufacturer's website or in the documentation provided with your product.

GT OMEGA Official Website: www.gtomega.com