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Thermaltake GR300

Thermaltake GR300 Racing Simulator Cockpit User Manual

Model: GR300 (GSC-R30-CPASWH-01)

INTRODUCTION

Thank you for purchasing the Thermaltake GR300 Racing Simulator Cockpit. This manual provides detailed instructions for the assembly, operation, and maintenance of your new racing simulator. Please read this manual thoroughly before assembly and use to ensure proper setup and to maximize your racing experience. Keep this manual for future reference.

The GR300 Racing Simulator Cockpit is designed for a realistic racing experience, featuring a durable powder-coated steel tube frame, an adjustable PVC seat, and versatile mounting points for steering wheels, pedals, and shifters from major brands like Thrustmaster, Logitech, Thermaltake, and Fanatec.

SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- Ensure all components are securely fastened before use. Loose parts can cause instability and injury.
- Do not exceed the maximum weight recommendation of 220 pounds (100 kg).
- Keep hands and fingers clear of moving parts during adjustment.
- Place the cockpit on a stable, level surface to prevent tipping.
- Keep children and pets away from the cockpit during assembly and operation.
- Avoid exposing the cockpit to extreme temperatures or direct sunlight for prolonged periods.
- Use only the tools provided or recommended for assembly.

PACKAGE CONTENTS

Verify that all components are present before beginning assembly:

- Racing Simulator Cockpit Frame Components
- Adjustable PVC Seat
- Wheel Mount Plate
- Pedal Mount Plate
- Shifter Mount
- Assembly Hardware (screws, bolts, washers, nuts)

- Assembly Tools (Allen wrench)
- Warranty Card
- Assembly & User Manual (this document)



Image: Overview of the Thermaltake GR300 Racing Simulator Cockpit components.

SETUP AND ASSEMBLY

Follow these steps to assemble your GR300 Racing Simulator Cockpit. It is recommended to have a second person assist with some steps.

1. Frame Assembly

Connect the main steel tube frame components using the provided hardware. Ensure all bolts are tightened securely but do not overtighten until all sections are aligned.



Image: Front view of the assembled cockpit frame, showing the seat, wheel, and pedal mounts.

2. Seat Installation and Adjustment

Attach the PVC racing seat to the seat sliders on the main frame. The seat offers horizontal travel and recline adjustments. Do not fully tighten the seat mounting bolts until you have found your preferred position.

- **Horizontal Travel:** The seat can slide forward and backward by up to 220mm. Use the lever located under the seat to unlock and adjust.
- **Recline Adjustment:** The seat back can recline from +30° to -90°. Use the recline lever on the side of the seat to adjust the angle.

BEST SEAT TO START YOUR RACE

To pursue a more realistic racing experience, the seats are made with adjustable PVC design. They provide glides for forward & backward movement, as well as recline adjustments for ideal driving position over long gaming hours.

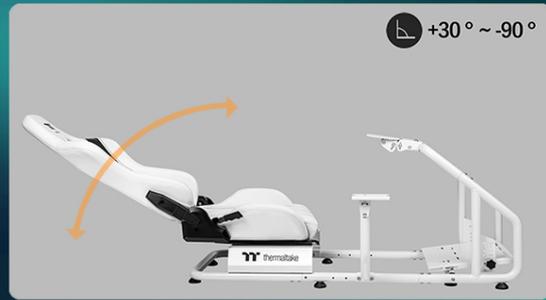


Image: Illustration of the seat's horizontal adjustment (220mm) and recline range (+30° to -90°).

3. Wheel and Pedal Mount Installation

Install the wheel mount plate and pedal mount plate onto their respective frame sections. These mounts feature pre-drilled holes for compatibility with various racing peripherals. Adjust their angles and positions to suit your ergonomic needs.

- **Wheelbase Mount:** Adjustable from +25° to -35°. Secure your steering wheel to the plate using the appropriate bolts.
- **Pedal Mount:** Adjustable to 0°, 15°, or 27° angles. Attach your pedals to the plate.

CUSTOMIZE YOUR COCKPIT

Compatible with most wheels, gear shifters and pedals including Logitech, Fanatec, Thrustmaster and more. The wheel and pedal mount provide multiple angle adjustments to fit your most suitable driving posture. Also, based on personal preferences, the gear shifter mount can be installed on both the left and right sides.



Image: Detailed view of the mounting plates for the steering wheel, pedals, and shifter, highlighting their adjustability.

TOUGH & STURDY

The GR300 is equipped with a sturdy aluminum profile and steel structure, offering exceptional rigidity and stability for a long-hour gaming environment.



Image: Illustration of the adjustable angles for the wheelbase mount (+25° to -35°) and pedal mount (0°, 15°, 27°).

4. Shifter Mount Installation

The shifter mount can be installed on either the left or right side of the cockpit, depending on your preference. Secure it using the provided hardware.



Image: Angled rear view of the cockpit, illustrating the position of the shifter mount.

OPERATING INSTRUCTIONS

Once assembled, the GR300 Racing Simulator Cockpit is ready for use. Fine-tune your setup for optimal comfort and performance.

1. Adjusting Your Driving Position

- **Seat Position:** Use the lever under the seat to slide it forward or backward until your feet comfortably reach the pedals and your hands reach the steering wheel. Release the lever to lock the seat in place.
- **Seat Recline:** Use the lever on the side of the seat to adjust the backrest angle for maximum comfort during long sessions.
- **Wheel and Pedal Angles:** If needed, adjust the angle of the wheelbase and pedal mounts using the securing bolts. Ensure these are tightened after adjustment.

2. Connecting Peripherals

Mount your steering wheel, pedals, and shifter to their respective plates using the hardware provided with your peripherals. Route cables neatly to avoid interference during use. The cockpit is compatible with most major brands, including Thrustmaster, Logitech, Thermaltake, and Fanatec.

MAINTENANCE

Regular maintenance will prolong the life of your racing simulator cockpit:

- **Cleaning:** Wipe down the steel frame with a damp cloth. For the PVC seat, use a mild soap solution and a soft cloth. Avoid harsh chemicals or abrasive cleaners.
- **Hardware Check:** Periodically check all bolts and screws to ensure they are tight. Re-tighten if necessary.
- **Moving Parts:** Ensure seat sliders and recline mechanisms operate smoothly. Lubricate with a silicone-based spray if they become stiff.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Cockpit feels unstable or wobbly.	Loose assembly bolts or uneven floor.	Check and tighten all assembly bolts. Ensure the cockpit is on a flat, level surface. Adjust feet if present.
Seat adjustment mechanism is stiff.	Dust or lack of lubrication.	Clean the sliders and apply a small amount of silicone lubricant.
Peripherals (wheel, pedals) are not secure.	Mounting bolts are loose or incorrect hardware used.	Ensure peripherals are mounted with appropriate hardware and all bolts are securely tightened. Refer to your peripheral's manual for specific mounting instructions.

SPECIFICATIONS

Feature	Detail
Model Name	GR300 Racing Simulator Cockpit
Model Number	GSC-R30-CPASWH-01
Brand	Thermaltake
Color	White
Product Dimensions (D x W x H)	54" x 16" x 43" (137.16 cm x 40.64 cm x 109.22 cm)
Item Weight	68 pounds (30.84 kg)
Maximum Weight Recommendation	220 Pounds (100 kg)
Seat Material	PVC, Foam Fill
Frame Material	Powder-Coated Steel Tube

Feature	Detail
Seat Recline Adjustment	+30° to -90°
Seat Horizontal Travel	220mm
Wheelbase Mount Angle Adjustment	+25° to -35°
Pedal Mount Angle Adjustment	0°, 15°, 27°
Shifter Mount	Included, installable on left or right side
Compatibility	Thrustmaster, Logitech, Thermaltake, Fanatec



Image: Recommended measurements and dimensions for the GR300 Racing Simulator Cockpit.

WARRANTY AND SUPPORT

The Thermaltake GR300 Racing Simulator Cockpit comes with a standard manufacturer's warranty. Please refer to the included Warranty Card for specific terms and conditions, including warranty duration and coverage details.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please visit the official Thermaltake website or contact their customer service department. You can find contact information on the warranty card or by visiting www.thermaltake.com.

For additional resources and product information, you may also visit the [Thermaltake Store on Amazon](#).